



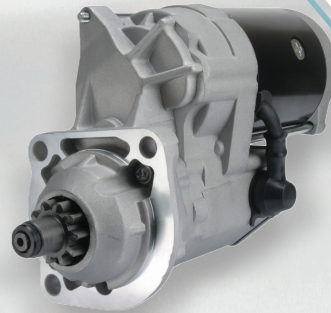
Your Expert
in Parts

STARTERS & ALTERNATORS

DC-MOTORS & DYNASTARTERS

2020-2022

FULL
PROGRAM
IN OUR
ONLINE
SHOP



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a few clicks away!
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STARTERS & ALTERNATORS

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In our online shop at www.hc-cargo.com you can always find an up-to-date and complete product range.



Warranty policy

We pride ourselves on excellent quality, but now you can rest even easier knowing that all HC-CARGO branded products purchased are covered by a fantastic 2-Year Warranty





HC-CARGO Starter and Alternator program

- High EU Market coverage for passenger cars > 90%
- More than 1,500 starter numbers
- More than 1,500 alternator numbers
- Also available on TecDoc
- Units are sold outright



We continuously strive for extending the program to offer the most comprehensive solution whether it is a simple replacement of a complete unit or a component for a repair solution.

Read more about our components program in the two according catalogues - or in our web catalogue on our website www.hc-cargo.com where you always can see an up-to-date and complete program.

This catalogue also includes our vehicle application list within multiple segments. And also a comprehensive cross reference list with OE numbers and selected competitor sales numbers. You can always search among all our updated cross references on our website hc-cargo.com

Our starter & alternator program has applications for cars, trucks, industrial machines, agricultural, marine and various outdoor power equipment. We offer applications for multiple purposes!

Automotive

Very high coverage as to European vehicle population



Trucks, trailers & buses

Very high coverage as to European vehicle population



Agriculture

High coverage as to European vehicle population



Industrial

Selected parts for industrial & outdoor equipment



Marine

Selected parts for marine applications



Motorcycle

Selected parts for motorcycles



With the HC-CARGO program, you have a one-stop-supplier opportunity for units. HC-CARGO units are sold outright, no surcharge!

High Quality Alternatives in HC-CARGO

We offer a high quality guarantee with thorough testing carried out by our quality assurance department. Our engineers test the parts in terms of interaction, perfect fit and easy installation before the products are approved and released for sale. This procedure ensures that we keep the promised high quality.

You can easily find our recommendations - look for these Quality Stamps @ HC-CARGO



The 5 star icon will help you to make the right product choice. If you see the icon, the part is OE quality, i.e. the best quality on the market. If no icon appears, the part is aftermarket quality, i.e. the quality you are familiar with from HC-CARGO - tested at our own test facilities before launch. The HC-CARGO 5-star program contains products known in the automotive aftermarket as "original parts". The suppliers of these parts are OE manufacturers. You will find the entire HC-CARGO product portfolio available on our online shop.

Scan the QR code and see our presentation video "Because quality is key to us"



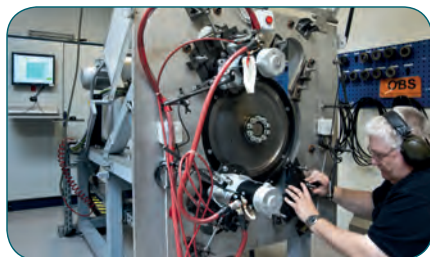
"Best Choice"
Our Quality - Your assurance

Quality is key to us at HC-CARGO. Even though our manufacturer network develops the products, the HC-CARGO logo on the packaging stands for high quality standards.

To constantly ensure high quality, our processes follow strict regulations.

The HC-CARGO ordering and management processes are certified to DIN EN ISO 9001. Certified management processes are also something we expect and require from our suppliers.

They are all DIN EN ISO 9001 or TS 16949 certified.



*Starter:
Comparison and
endurance test*

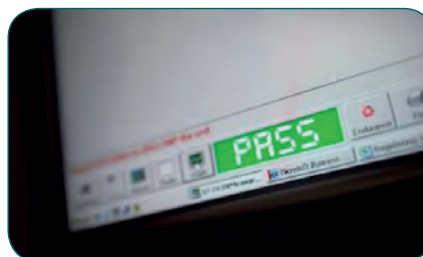


*Starter:
Temperature
test*



*Alternator:
Duration test*

Only when the product has passed all tests, it has proved to be an excellent HC-CARGO product and is then released. From the first delivery, random samples are taken and tested. When the test has been successful, the products are approved and released for sales.



*Thus, our
customers can
always rely on
our quality.*

Supplier release is an important foundation for what we really care about: our products. We have particularly high demands on the reliability of materials and components of our products, as reliability contributes to the overall HC-CARGO quality assurance. Reliability plays the most important role in HC-CARGO quality assurance.

Our quality standard applies also in terms of service, technical expertise and advice. Our dedicated employees are happy to assist you with know-how and experience in your daily business.

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A: Pulley distance, B: Width of holder arm, C: Mounting bracket distance

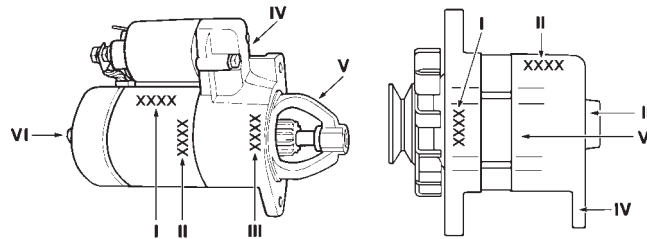
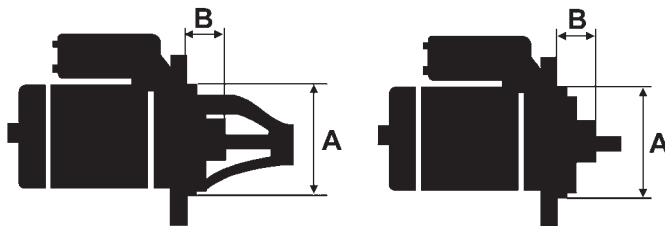


Remarks: Serpentine pulley



Threaded fixing holes

A: Mounting flange, B: Drive distance



O.E.M.	STARTER MOTORS		ALTERNATORS	
	Pos.	Example	Pos.	Example
Bosch (Bo)	II	0001 234 123	V	0120 489 789
Delco Remy (DR)	II	(3471) 152	I	(3472) 042
Denso (De)	I	028000-1971	II	021000-0327
Ducellier (Du)	II	6236, 534046	III	7586, 516023
Femsa (Fe)	II	MTA 12-40	III/IV/V	ALP 12-17
Hitachi (Hi)	III	S114-173B	I	LT 135-13
Iskra (Is)	II	AZE 3512-12V	V	AAK 1105
Lucas (Lu)	II	25061	II/III	23779
Magneti Marelli (MM)	IV/V	MT 68 AA, 63221403	II/III	AA125-14V-45A
Magneton (Mt)	II	02 8946.08	II	443 113 456
Mando Melroe (Md)			V	AB170035
Mitsubishi (Mi)	III/IV	MEA 12-1, M03T 25781	II/III	AQ 2240 K1
Motorola (Mo)			II/III	9AR 2518 F
Paris Rhone (PR)	II	D 11 E 176	II/III	A 13 N 104
SEV (SE)			II/III	34810, 712 71302
Valeo (Va)	II	433257 KO	V/III	A 13 N 38
Visteon (Vi)	I	20-100-01010		

TERMINAL CHART	Field / Rotor	Ground	Charging Lamp	Ignition	Point Central	Tacho / Stator	CPU Control	Battery Sense	Battery	Dummy
BOSCH	DF/F1/F2	B-/D-	D+/61/L/61E	15		W	COM/DF DFM/FR LI/RC LIN	S	B+	
BUTEC	F	-	D+						B+	
CHRYSLER	F1/F2/FLD	GRD							B+	
REMY	F	GRD	D+/L/1	I/IG		P/R/W	F	M/S/2	B+	
DELPHI			L				DFM		B+	
DUCELLIER	EXC	-/B-	D+	+		W			B+	
ELMOT	67	31	15			W			B+	
FORD (VISTEON)	DF/F/FLD	D-/VE	D+/IND/I			W/STA/S			B+/Bat	
HITACHI	F	E	L	IG/R	N	P	FR/G	S	B/A	D
ISKRA	DF	D-	D+			W			B+	
LADA	67	31	15						B+/30	
LUCAS	F	-	D+			STA/W		S	B+	
PAL/MAGNETON	M	-	R						B+	
VALEO	F	E	L/I	IG/R	N	P		S	B/A	D
MARELLI	67	31	15		C	W	FR/SIG LI/STD PHIN/RC		B+/30	
MITSUBISHI	F	E	L	IG/R	N	P	FR/G/D	S	B/A	D
MOTOROLA	EXC	-/B-	D+			W			B+	
DENSO	F/F1/F2	E-	L	IG/R	N	P	FR/C/M	S	B/A	D
PARIS RHONE	EXC	-/B-	L			W			B+	
SEV MARCHAL	DF	-/B-	61+			W			B+	
VALEO	EXC	-	L/D+/61E	15/+		W	COM/FR DF/DFM LIN		B+'	

ABBREVIATIONS:

ACR =Anti-clockwise rotation, AC=Air condition, ACPS= Air conditioning and auxiliary control, Amp.=Ampere, AT=Automatic transmission, AT6S=6 gears AT, AT7S=7 gears AT, ATAC= Automatic transmission and air conditioning, BS=Battery sense, Chas.=Chassis,

CR =Clockwise rotation, D=Insulated, DD=Direct drive, DF=DF plug, DKG= For vehicles with double clutch, DP=Double pulley, DSG= Direct gear, ECO=Ecomatic, EF=External fan, Eng.=Engine, Eur.=European application, FW=Free wheel pulley, GR=Gear reduction, HD=Heavy duty, HP=Horsepower, ID=Inner diameter, IF=Internal fan, IR=Internal regulator, kW=Kilowatt, LHD=Left hand drive, RC=Load response control, OD=Outer diameter, P=Pulley, PS=Power steering, RHD=Right hand drive, SP=Serpentine pulley, SP/FW=Serpentine/Free-wheel, 4SP=4 gears, 5SP=5 gears, 6SP=6 gears, V=Volt, VP=Vacuum pump, w/=with, w/o=without, W= RPM connection, 15=Connection for the auxiliary start, 30h=W/ additional terminal 30h, 3(2)=Number of fixing holes - Number in brackets represent threaded holes,

=Number of theeth, ()=Vehicle type, []=Engine type, ▲=Can be replaced if pulley is changed, #=Available while stock last, *=Program development, A10=W/ immobilizer A11=w/o Choke, A12=Catalyst, A13=Cold climate, A14=W/ computer, A15=DK,IS,N,S,SF, A16=CH,DK,N,S, A17=For cooling-water heating, A18=Direct automatic transmission, A19=w/ electrical heating system, A20=Additionally mounted, A21=w/ glowplug heating, A22=Heated windscreen, A23=Heated windscreen + Air condition, A24=Tiptronic, A25=w/ start / stop, A26=Charging lamp, A27=Connection L, A28=Connection L + Ign., A29=Specially sealed, A30=Volt-meter, A31=W/ heat cap, A32=Automatic Transmission and Cold Climate, A33=Taxi, A34=Manual and automatic Transmission, A35=Water cooled, A36=W/ bendixhousing, A37=w/o bendixhousing, A38=Manual air conditioning, A39=Automatic air conditioning, A40=Starter-Alternator, A41=Sequential manual transmission, A42=Tropical climate, A43=Manual transmission, A44=Automatic transmission and start / stop system, A45=w/ safety switch, A46=w/ pulley, A47=w/o pulley, A49=5 Star, BO=Bosch type, BO=Bosch type, BOGR=Bosch gear reduction, DR=Delco Remy type, HI=Hitachi type, IS=Iskra type, LM=Small starter edition, LU=Lucas type, MA=Marelli type, MAG=Magnetron type, MI=Mitsubishi type, MS=Mitsuba type, ND=Nippondenso type, PL=Prestolite type, PR=Paris Rhone type, SM=Large starter edition, VA=Valeo type

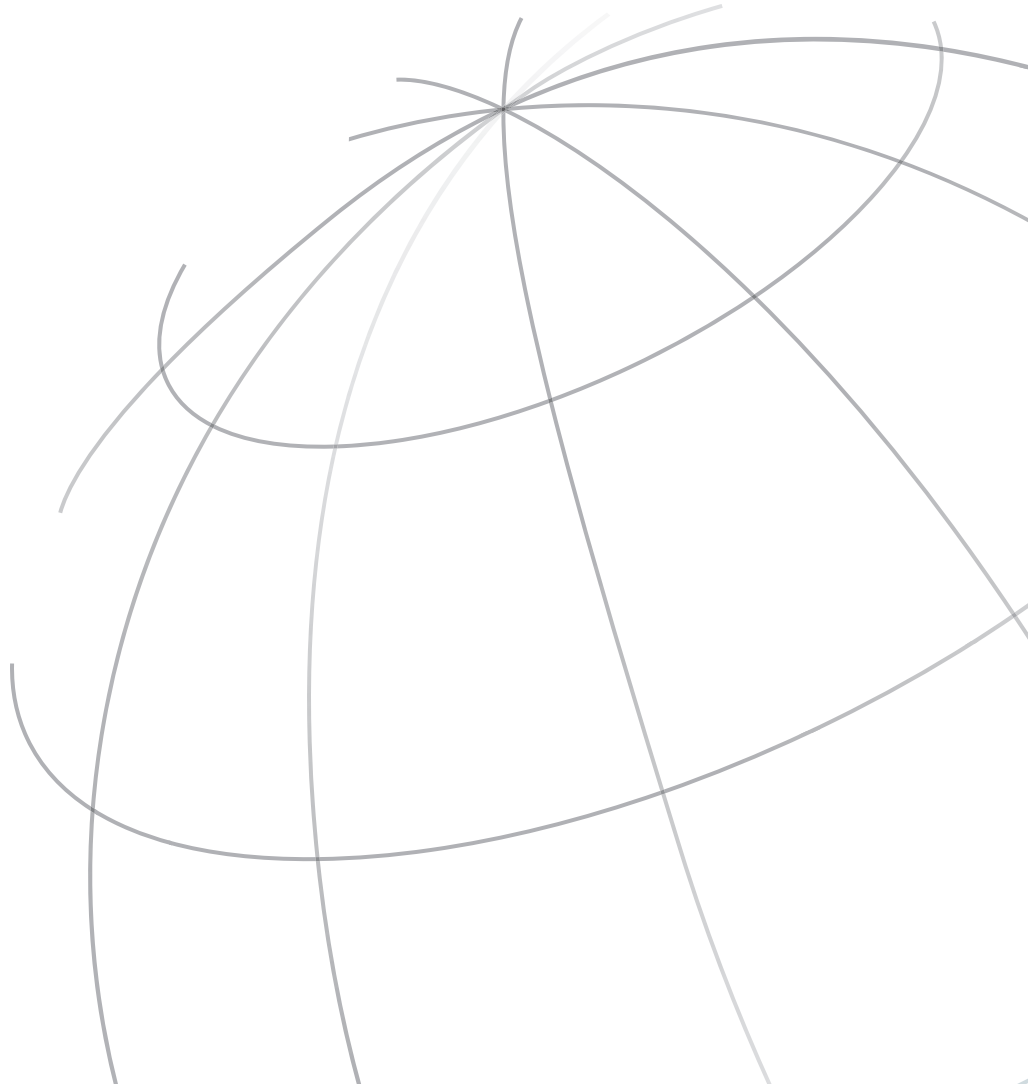
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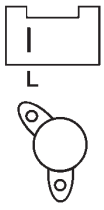




Alternators

Edition 2020/2022





110048 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120400618
 Servicing: Farymann, Renault, Volvo Penta
 Terminal W, Grooves 1, Length 180.00, Pulley SP, Fan EF
 A: 72.00 B: 51.00 mm



110077 Alternator 14 V, 50 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120339525, 0120339524, 0120300531, 0120300530
 Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 78.50 B: 56.00 mm



110105 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120489704, 0120489703, 0120488290, 0120488267, 0120488218, 0120300545, 0120300535, 0120300516
 Servicing: John Deere
 Grooves 1, Length 178.00, Pulley P, Fan EF
 A: 83.30 B: 56.00 mm



110112 Alternator 28 V, 40 Amp
 Replacing: 9129080088, 9120080114, 9120080088, 0986031190, 0120489643
 Servicing: Volvo, Volvo Penta
 Terminal W, Length 175.50, Pulley w/o, Fan w/o
 B: 51.00 mm



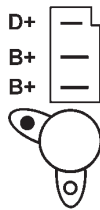
110113 Alternator 28 V, 27 Amp
 Replacing: 0120489728, 0120489727, 0120489284, 0120489231, 0120489225, 0120489221, 0120400774
 Servicing: Mercedes-Benz
 Length 165.00, Pulley w/o, Fan EF
 B: 80.00 mm



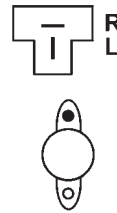
110116 Alternator 28 V, 35 Amp
 Replacing: 0120489827, 0120489684, 0120489230, 0120489053, 0120488289, 0120488273, 0120488208, 0120400796
 Servicing: DAF, Ford, MAN
 Terminal W, Length 180.00, Pulley w/o, Fan w/o
 B: 80.00 mm



110127 Alternator 14 V, 70 Amp
 Replacing: 0120489779, 0120400778
 Servicing: Farymann, Volvo Penta
 Terminal W, Grooves 1, Length 179.00, Pulley P, Fan EF
 Alternative no.: CA743IR
 A: 79.00 B: 51.00 mm



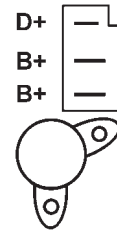
110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 9120331913, 9120331901, 9120331502, 0120389503, 0120389502, 0120339510, 0120339509, 0120339506
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



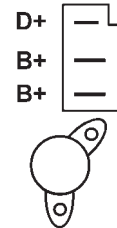
110318 Alternator 14 V, 50 Amp
 Replacing: 9120690078
 Servicing: Dodge, Mazda, Mitsubishi, Plymouth
 Grooves 1, Length 170.90, Pulley P, Fan EF
 A: 42.00 B: 12.50 C: 55.00 mm



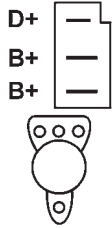
110348 Alternator 14 V, 55 Amp
 Replacing: 9120331882, 0120488280
 Servicing: Lada
 Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 45.00 B: 19.60 C: 63.00 mm



110358 Alternator 14 V, 55 Amp
 Replacing: 9120144270, 9120144269, 0120489933, 0120489931, 0120489918, 0120489917, 0120489828, 0120489683
 Servicing: Mercedes-Benz, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 77.50 B: 56.00 mm



110360 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9120080139, 9120080120, 9120080089, 9120080056, 0120489965, 0120489964, 0120489961, 0120489960
 Servicing: Audi, Deutz-Fahr, VW
 Length 154.00, Pulley P, Fan EF
 B: 56.00 mm


110497 Alternator 14 V, 70 Amp

Replacing: 9120690170

Servicing: Austin-Healey, Various Agriculture Vehicles

Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF

w/ mounting bearing bracket for left and right engine side.

A: 42.50 B: 10.50 C: 84.00 mm


110619 Alternator 14 V, 70 Amp

Replacing: 0120335007

Servicing: Citroen, Peugeot

Grooves 1, Length 170.00, Pulley P, Fan IF

A: 95.00 B: 56.10 mm


110641 Alternator 14 V, 33 Amp

Replacing: 0120339552, 0120339531, 0120339514, 0120300514

Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde

Terminal W, Grooves 1, Length 162.00, Pulley P, Fan EF

A: 76.50 B: 56.00 mm

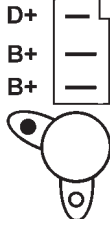

110743 Alternator 14 V, 30 Amp

Replacing: 9120331301

Servicing: Citroen

 Grooves 1, Length 155.00, Pulley P, Fan EF
Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm


110759 Alternator 14 V, 35 Amp

Replacing: 0120489940, 0120489894, 0120489804, 0120489803, 0120489616, 0120489562, 0120489561, 0120489536

Servicing: Austin, Ford, Mercury

Length 160.00, Pulley P, Fan EF

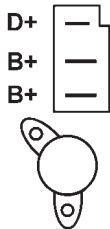
B: 10.50 C: 79.00 mm


110766 Alternator 28 V, 27 Amp

Replacing: 0120489730, 0120489707, 0120489023, 0120488224, 0120400805, 0120400791, 0120400790, 0120400760

 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
 Terminal W, Length 170.00, Pulley w/o, Fan EF

B: 56.00 mm


110770 Alternator 14 V, 55 Amp

Replacing: 0986033950

Servicing: Austin, LDV, Massey Ferguson, MG, Rover

Terminal W, Length 166.00, Pulley w/o, Fan w/o

B: 12.00 C: 82.00 mm


110801 Alternator 28 V, 45 Amp

Replacing: 0122469003, 0122469001

Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International

Terminal W, Length 270.00, Pulley w/o, Fan EF

B: 14.80 C: 100.00 mm


110877 Alternator 14 V, 65 Amp

Replacing: 0120489648, 0120489647, 0120489646, 0120489645, 0120489644, 0120489619, 0120489618, 0120489608

Servicing: BMW

Length 159.00, Pulley w/o, Fan w/o

B: 51.00 mm


110881 Alternator 14 V, 55 Amp

Replacing: 0120489309, 0120489296, 0120489286, 0120489183, 0120489070, 0120489069, 0120488258, 0120488257

Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo

Terminal W, Grooves 2, Length 170.00, Pulley DP, Fan EF

A: 88.00 B: 56.00 mm


110882 Alternator 14 V, 45 Amp

Replacing: 0120489765, 0120489762, 0120489761, 0120489145, 0120489106

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

 Grooves 1, Length 181.50, Pulley P, Fan w/o
Connection 67 = D+ terminal.

A: 47.00 B: 16.25 C: 63.00 mm


110890 Alternator 14 V, 55 Amp

Replacing: 9120331881, 0120489838, 0120489770, 0120489763, 0120489151, 0120489147, 0120489146, 0120489134

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

Grooves 1, Length 169.00, Pulley P, Fan w/o

A: 49.00 B: 17.00 C: 63.00 mm

ALTERNATORS

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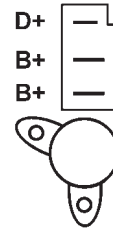
* Available while stock last, * Program development.



110891 Alternator 14 V, 70 Amp
 Replacing: 0120489984, 0120489408, 0120489347, 0120489346, 0120488286, 0120488228, 0120488211
 Servicing: Ford, Land Rover, MG
 Terminal W, Length 169.00, Pulley w/o, Fan w/o
 B: 11.30 C: 83.00 mm



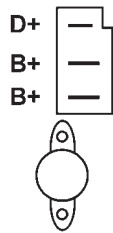
110911 Alternator 14 V, 55 Amp
 Replacing: 0120489760, 0120489759, 0120489735, 0120489659, 0120489657, 0120489654, 0120489653
 Servicing: Audi, Peugeot, Saab, VW
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 77.64 B: 56.00 mm



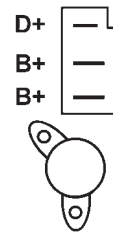
110923 Alternator 14 V, 55 Amp
 Replacing: 0120489355, 0120489354, 0120489333, 0120489332, 0120489331, 0120489324, 0120489323, 0120489302
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP, Fan EF
 A: 92.00 B: 56.00 mm



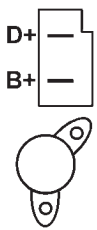
110895 Alternator 28 V, 55 Amp
 Replacing: 6033GB3055, 6033GB3053, 6033GB3047, 0120469982, 0120469686, 0120469518, 0120469509, 0120469103
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong
 Terminal W, Length 196.50, Pulley w/o, Fan EF
 B: 80.00 mm



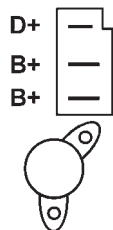
110912 Alternator 14 V, 55 Amp
 Replacing: 9120144239, 9120144238, 9120144202, 9120144201, 0986033891, 0986033890, 0120489753, 0120489752
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 44.50 B: 16.40 C: 66.00 mm



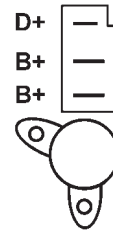
110972 Alternator 14 V, 65 Amp
 Manufacturer: Prestolite
 Replacing: 0120489124, 0120489123, 0120489121
 Servicing: Opel, Various Agriculture Vehicles, Vauxhall
 Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 87.90 B: 56.00 mm



110899 Alternator 14 V, 33 Amp
 Replacing: 0120300569, 0120300568, 0120300559, 0120300558, 0120300529, 0120300528
 Servicing: Agrifull, DAF, Fiat, Volvo
 Grooves 1, Length 162.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130675.
 A: 48.45 B: 24.00 C: 74.00 mm



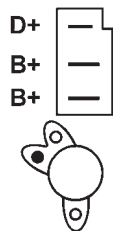
110913 Alternator 14 V, 70 Amp
 Replacing: 0120489981, 0120489980, 0120489873, 0120489872, 0120489871, 0120489870, 0120489868, 0120489774
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm



110975 Alternator 14 V, 65 Amp
 Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584
 Servicing: Audi, Various Agriculture Vehicles, VW
 Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF
 A: 82.85 B: 56.25 mm



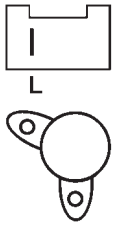
110906 Alternator 28 V, 30 Amp
 Replacing: 0120489316
 Servicing: Mercedes-Benz
 Terminal W, Length 187.00, Pulley w/o, Fan w/o
 B: 80.00 mm



110919 Alternator 14 V, 70 Amp
 Replacing: 0120489249, 0120489248, 0120489196, 0120489195, 0120469501
 Servicing: Audi, VW
 Grooves 1, Length 185.00, Pulley P, Fan EF
 A: 110.00 B: 56.00 mm

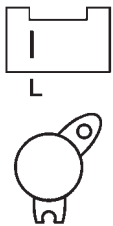


111035 Alternator 14 V, 65 Amp
 Replacing: 0120489188, 0120489187, 0120489186, 0120489126
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm



111075 Alternator 14 V, 55 Amp
 Replacing: 0120489194, 0120489193
 Servicing: Citroen, Peugeot, Talbot, Vauxhall
 Grooves 1, Length 161.50, Pulley P, Fan EF

A: 59.50 B: 40.00 mm



111076 Alternator 14 V, 50 Amp
 Replacing: 0120489270, 0120489259, 0120489258, 0120489158, 0120489157, 0120488215, 0120488214

Servicing: Citroen, Opel, Peugeot, Talbot
 Grooves 4, Length 163.50, Pulley SP, Fan EF

A: 46.35 B: 26.80 C: 66.00 mm

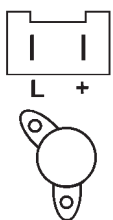


111078 Alternator 14 V, 45 Amp
 Replacing: 9120144241, 9120144240, 9120144229, 9120144228

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

Grooves 1, Length 169.00, Pulley P, Fan EF

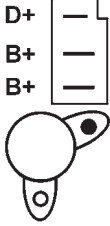
A: 53.25 B: 23.50 mm



111082 Alternator 14 V, 60 Amp
 Replacing: 9120144277

Servicing: Renault
 Grooves 1, Length 178.25, Pulley P, Fan EF

A: 100.95 B: 56.00 mm



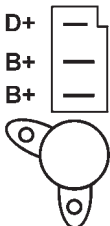
111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika

Replacing: 9120450018, 9120450012, 9120334323, 0120489938, 0120489851, 0120489850, 0120489849, 0120489847

Servicing: Austin, Ford, Mercury, MG, Rover, Suzuki

Grooves 1, Length 170.00, Pulley P, Fan IF

A: 34.60 B: 10.80 C: 81.00 mm



111093 Alternator 14 V, 70 Amp

Replacing: 0120489330, 0120489329, 0120489328, 0120489327, 0120489326, 0120489325, 0120489322, 0120489321

Servicing: Mercedes-Benz

Grooves 6, Length 183.50, Pulley SP, Fan EF

A: 92.00 B: 56.00 mm



111094 Alternator 14 V, 65 Amp

Replacing: 9120690438, 0120489369/370, 0120485008, 0120485007

Servicing: Audi, VW

Terminal W, Grooves 1, Length 187.25, Pulley P, Fan EF

A: 109.00 B: 56.00 mm



111096 Alternator 14 V, 51 Amp

Replacing: F000LD0108, 9120080122, 9120080061, 0120489584, 0120489583, 0120489566, 0120489565, 0120400863

Servicing: VW

Length 261.00, Pulley w/o, Fan w/o



111139 Alternator 14 V, 75 Amp

Replacing: B120421870, 0120469554, 0120469536, 0120469533, 0120469528, 0120469525, 0120469524, 0120469505

Servicing: Audi, Porsche, VW

Grooves 1, Length 171.00, Pulley P, Fan EF

A: 82.30 B: 56.00 mm



111141 Alternator 14 V, 55 Amp

Replacing: 0120489757, 0120489726, 0120489725, 0120489315, 0120489032, 0120488282, 0120400700

Servicing: MAN, Mercedes-Benz

Terminal W, Length 167.70, Pulley w/o, Fan w/o

B: 80.00 mm



111146 Alternator 28 V, 55 Amp

Replacing: 0120469983, 0120469891, 0120469761, 0120469692, 0120469592, 0120469562, 0120469527, 0120469038

Servicing: F002G10981, DAF, Ford, MAN

Terminal W, Length 187.50, Pulley w/o, Fan w/o

B: 80.00 mm



111148 Alternator 14 V, 65 Amp

Replacing: 9120080224, 0120489943, 0120489942, 0120489400, 0120489348, 0120489263, 0120489129, 0120489128

Servicing: Autobianchi, Fiat, Lancia, Zastava

Grooves 1, Length 165.50, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm



111149 Alternator 14 V, 80 Amp
 Replacing: 0120469945, 0120469944, 0120469844, 0120469642, 0120469591, 0120469590, 0120469589, 0120469588
 Servicing: Mercedes-Benz
 Grooves 1, Length 176.75, Pulley P, Fan EF
 A: 77.00 B: 56.00 mm



111153 Alternator 14 V, 55 Amp
 Replacing: 0120489904, 0120489903, 0120489550, 0120489549
 Servicing: Alfa Romeo
 Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 52.00 B: 27.00 mm



111154 Alternator 14 V, 65 Amp
 Replacing: 0120489497, 0120489449, 0120489379, 0120489378, 0120488238, 0120488227, 0120488226
 Servicing: Audi, Mercedes-Benz, Seat, VW
 Terminal W, Grooves 1, Length 176.50, Pulley P, Fan EF
 Alternative no.: CA9061R
 A: 87.50 B: 56.00 mm



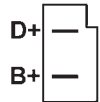
111164 Alternator 14 V, 70 Amp
 Replacing: 0986034450, 0120488012, 0120488009, 0120488001, 0120488000
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 1, Length 224.00, Pulley P, Fan EF
 A: 39.20 B: 13.50 C: 80.00 mm



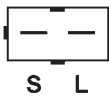
111168 Alternator 14 V, 55 Amp
 Replacing: 0120489952, 0120489951, 0120489950, 0120489948, 0120489947, 0120489125, 0120489124, 0120489123
 Servicing: Ferrari, Opel, Vauxhall
 Terminal W, Grooves 1, Length 170.00, Pulley P, Fan EF
 A: 84.00 B: 56.00 mm



111169 Alternator 14 V, 70 Amp
 Replacing: 0120488193, 0120488192, 0120488173, 0120488172
 Servicing: Opel, Vauxhall
 Grooves 1, Length 169.50, Pulley P, Fan EF
 A: 85.00 B: 56.00 mm



111180 Alternator 14 V, 33 Amp
 Replacing: 0986030120, 0120339528, 0120339527, 0120339516, 0120339515
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 116133
 A: 49.00 B: 25.00 C: 74.00 mm



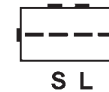
111216 Alternator 14 V, 37 Amp
 Replacing: 9120060027, 0120488297
 Servicing: Thermo King
 Terminal W, Length 176.00, Pulley w/o, Fan EF
 B: 51.00 mm



111261 Alternator 28 V, 50 Amp
 Replacing: 0122469004, 0122469002
 Servicing: Caterpillar
 Length 306.00, Pulley w/o, Fan EF
 B: 14.10 C: 102.00 mm



111279 Alternator 14 V, 50 Amp
 Replacing: 9120334318, 9120334317, 0123115013
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 37.50 B: 14.00 C: 66.00 mm



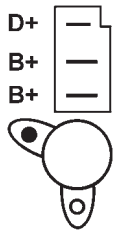
111280 Alternator 14 V, 65 Amp
 Replacing: 0123115010, 0123115008, 0120335008
 Servicing: Nissan
 Grooves 6, Length 156.50, Pulley SP, Fan IF
 A: 38.25 B: 24.80 C: 66.80 mm



111287 Alternator 14 V, 70 Amp
 Replacing: 0120489496, 0120489495, 0120489433, 0120489432, 0120489427
 Servicing: VW
 Terminal W, Grooves 1, Length 190.00, Pulley P, Fan EF
 A: 109.50 B: 56.00 mm



111288 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120489442, 0120489375,
 0120489374, 0120489240, 0120489198,
 0120488240, 0120488237, 0120488199
 Servicing: MAN, Seat, VW
 Terminal W, Grooves 1, Length 168.00,
 Pulley P, Fan EF
 A: 75.00 B: 56.00 mm



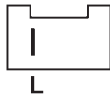
111289 Alternator 14 V, 70 Amp
 Replacing: 9120331872, 9120331864,
 9120331854, 0986030760, 0120489957,
 0120489896, 0120489895, 0120489889
 Servicing: Austin, Case, Dronningborg, Ford,
 Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00,
 Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



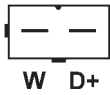
111293 Alternator 14 V, 70 Amp
 Replacing: 0123310014, 0120485029
 Servicing: Ford
 Grooves 6, Length 172.00, Pulley SP, Fan IF
 A: 33.00 B: 14.00 C: 80.00 mm



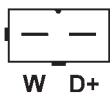
111318 Alternator 14 V, 80 Amp
 Replacing: 0123310013, 0123310011
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP,
 Fan IF
 A: 92.35 B: 56.00 mm



111321 Alternator 14 V, 70 Amp
 Replacing: 0120489491
 Servicing: Volvo
 Grooves 6, Length 166.00, Pulley SP, Fan EF
 A: 46.50 B: 27.00 C: 69.50 mm



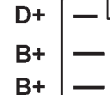
111352 Alternator 14 V, 70 Amp
 Replacing: B120411204, B120310087,
 0123315001, 0123310020, 0123310002,
 0123114005, 0123110002, 0120485034
 Servicing: Seat, Skoda, VW
 Terminal W, Grooves 6, Length 190.50,
 Pulley SP, Fan IF
 A: 39.45 B: 14.65 C: 59.80 mm



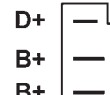
111353 Alternator 14 V, 70 Amp
 Replacing: 0123315002, 0123310032,
 0123310025, 0123310019, 0123310001,
 0120485043
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 187.00, Pulley SP,
 Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



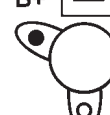
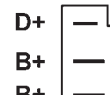
111354 Alternator 14 V, 70 Amp
 Replacing: 0986036820, 0123315005,
 0123310005, 0120485022, 0120485012,
 0120485011
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 190.00,
 Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



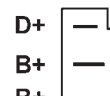
111355 Alternator 14 V, 65 Amp
 Replacing: 0120489385, 0120489384,
 0120489293
 Servicing: Austin, Dronningborg, Massey
 Ferguson, MG, New Holland, Nissan, Rover,
 Universal, Valtra
 Terminal W, Grooves 1, Length 163.50,
 Pulley P, Fan EF
 A: 37.00 B: 11.50 C: 81.00 mm



111356 Alternator 14 V, 55 Amp
 Replacing: 0120488189
 Servicing: Ford, Various Agriculture Vehicles
 Terminal W, Grooves 3, Pulley SP,
 Fan EF
 A: 43.00 B: 10.80 C: 81.00 mm



111362 Alternator 14 V, 55 Amp
 Replacing: 0120489345, 0120489290
 Servicing: Austin, Ford, Land Rover, MG,
 Rover, Valtra
 Terminal W, Grooves 1, Length 165.50,
 Pulley P, Fan EF
 A: 34.50 B: 11.00 C: 81.00 mm

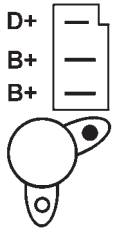


111364 Alternator 14 V, 55 Amp
 Replacing: 0120489292, 0120489252,
 0120489251, 0120489245
 Servicing: Ford, Rover
 Terminal W, Grooves 1, Length 166.00,
 Pulley P, Fan EF
 A: 35.50 B: 12.50 C: 81.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111366 Alternator 14 V, 45 Amp
 Replacing: 9120144290, 9120144289
 Servicing: Land Rover, LDV
 Terminal W, Length 166.00, Pulley w/o, Fan w/o
 B: 11.00 C: 81.00 mm



111369 Alternator 14 V, 90 Amp
 Replacing: 9123369044, 0986039740, 0123335007, 0123335006, 0123335002, 0123320044
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 Terminal W, Grooves 6, Length 189.50, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



111416 Alternator 14 V, 65 Amp
 Replacing: 0124215002
 Servicing: Citroen, Fiat
 Grooves 6, Length 199.00, Pulley SP, Fan IF
 A: 41.00 B: 17.00 C: 82.00 mm



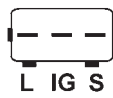
111418 Alternator 14 V, 60 Amp
 Replacing: 0120489336, 0120488284
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 165.50, Pulley P, Fan EF
 Alternative no.: 115873
 A: 49.00 B: 17.00 C: 66.00 mm



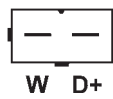
111419 Alternator 28 V, 55 Amp
 Replacing: 0120469890, 0120469634, 0120469549
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda
 Terminal W, Grooves 2, Length 188.00, Pulley DP, Fan EF
 A: 50.00 B: 17.45 C: 63.00 mm



111426 Alternator 14 V, 100 Amp
 Replacing: 0124415008, 0123505002
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 51.00 B: 33.75 C: 56.00 mm



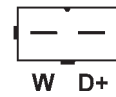
111468 Alternator 14 V, 80 Amp
 Replacing: 0123325013, 0123325003, 0123325000
 Servicing: Kia, Toyota
 Grooves 5, Length 162.50, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



111477 Alternator 14 V, 90 Amp
 Replacing: 9123320007, 0123340003, 0123320017, 0123320007, 0123320001, 0120485038
 Servicing: Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 40.00 B: 13.50 C: 59.00 mm



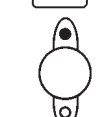
111478 Alternator 14 V, 90 Amp
 Manufacturer: Valeo
 Replacing: 9123320016, 0123320054, 0123320052, 0123320016
 Servicing: Audi, VW
 Grooves 5, Length 185.00, Pulley SP, Fan IF
 A: 35.00 B: 14.00 C: 82.00 mm



111479 Alternator 14 V, 90 Amp
 Replacing: 0123340002, 0123320006, 0123320002, 0120485036
 Servicing: Seat, VW
 Terminal W, Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 59.00 mm



111514 Alternator 14 V, 100 Amp
 Replacing: 0123505003
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 52.00 B: 34.00 C: 56.00 mm



111515 Alternator 14 V, 70 Amp
 Replacing: F002G10951
 Servicing: AC, Opel, Vauxhall
 Grooves 1, Length 215.00, Pulley P, Fan IF
 A: 42.50 B: 13.00 C: 78.50 mm



111528 Alternator 28 V, 55 Amp
 Replacing: 0986033840, 0120469523
 Servicing: Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 180.75, Pulley w/o,
 Fan EF
 Alternative no.: CA500IR
 B: 51.50 mm



111620 Alternator 14 V, 65 Amp
 Replacing: 0120489824, 0120489823,
 0120489319, 0120489318, 0120489307,
 0120489273, 0120489272, 0120488254
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat,
 Lancia, Pininfarina, Various Agriculture Vehicles
 Grooves 5, Length 172.00, Pulley SP,
 Fan EF
 A: 47.75 B: 16.30 C: 63.00 mm



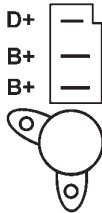
111629 Alternator 28 V, 120 Amp
 Replacing: 0120689591, 0120689551,
 0120689533, 0120689532, 0120689520,
 0120689515, 0120689513, 0120689512
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Length 310.50, Pulley w/o,
 Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-
 CARGO 113589. 180 A.
 B: 15.00 C: 180.00 mm



111631 Alternator 28 V, 55 Amp
 Replacing: 6033GB3020, 6033G3073B, 6033G3020B,
 0120469044, 0120469033, 0120469018
 Servicing: Volvo
 Terminal W, Length 185.00, Pulley w/o,
 Fan EF
 B: 14.10 C: 100.00 mm



111649 Alternator 14 V, 33 Amp
 Replacing: 0120400775, 0120339545,
 0120339544, 0120339543, 0120339513,
 0120339512, 0120339511, 0120300562
 Servicing: Claas, Eicher, John Deere,
 Lamborghini, Same
 Grooves 1, Length 168.50, Pulley P, Fan EF
 A: 76.00 B: 56.00 mm



111653 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0120489988, 0120489987,
 0120489986, 0120489893, 0120489892,
 0120489860, 0120489859, 0120489858
 Servicing: Audi, VW
 Grooves 1, Length 188.00, Pulley P, Fan EF
 A: 109.50 B: 56.00 mm



111662 Alternator 14 V, 33 Amp
 Replacing: 0120339536, 0120339521
 Servicing: Agrifull, Arona, Case, Ferrari,
 Goldoni, Lombardini
 Terminal W, Length 156.00, Pulley w/o,
 Fan EF
 Alternative no.: 116131
 B: 56.00 mm



111676 Alternator 14 V, 90 Amp
 Replacing: B120411182, 0123340001, 0123320048,
 0123320003, 0120485020, 0120485019
 Servicing: Audi, Skoda, VW
 Terminal W, Grooves 6, Length 198.00,
 Pulley SP, Fan IF
 A: 41.00 B: 14.80 C: 59.00 mm



111686 Alternator 14 V, 65 Amp
 Replacing: 0120489338, 0120489219,
 0120489212, 0120489153, 0120489152,
 0120489136, 0120489018, 0120488251
 Servicing: Alfa Romeo, Fiat, Iveco,
 Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P,
 Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



111732 Alternator 14 V, 120 Amp
 Replacing: F005A00012, 0124515086,
 0123510063, 0123505001
 Servicing: Opel, Vauxhall
 Grooves 6, Length 182.00, Pulley SP,
 Fan IF
 A: 51.00 B: 34.00 C: 56.00 mm



111746 Alternator 28 V, 80 Amp
 Replacing: 6033GB3021, 0120468144,
 0120468135, 0120468093
 Servicing: Volvo
 Terminal W, Length 189.00, Pulley w/o,
 Fan EF
 B: 14.50 C: 103.50 mm

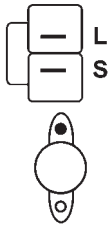


111795 Alternator 14 V, 80 Amp
 Replacing: 9124476602
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP,
 Fan IF
 A: 12.50 B: 72.00 C: 53.00 mm

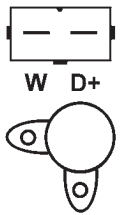
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



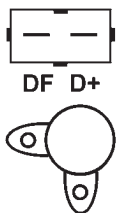
111812 Alternator 14 V, 90 Amp
 Replacing: 9120335001, 9120335000
 Servicing: Nissan
 Grooves 2, Length 246.00, Pulley DP, Fan EF
 A: 42.00 B: 13.00 C: 81.00 mm



111820 Alternator 14 V, 90 Amp
 Replacing: 0123320034, 0123320027, 0123320019, 0123320008
 Servicing: Audi, Skoda, VW
 Terminal W, Grooves 6, Length 185.40, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 59.00 mm



111824 Alternator 14 V, 70 Amp
 Replacing: 0124225049, 0124225041, 0124225022, 0124225018, 0124225001, 0123110008
 Servicing: Opel, Vauxhall
 Grooves 5, Length 180.75, Pulley SP, Fan IF
 A: 53.00 B: 33.70 C: 56.00 mm



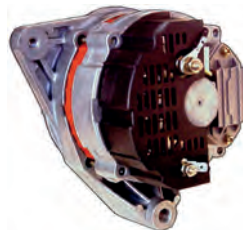
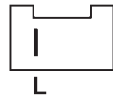
111828 Alternator 14 V, 120 Amp
 Replacing: 0123515020, 0123515017
 Servicing: Ford, Seat, Volvo, VW
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 A: 40.50 B: 14.10 C: 59.00 mm



111833 Alternator 28 V, 140 Amp
 Replacing: 1986A00004, 0120689587, 0120689574, 0120689571, 0120689535, 0120689530
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/ bushing in rear brackethole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111834 Alternator 28 V, 55 Amp
 Replacing: 9120145002, 0986032720, 0120469960, 0120469959, 0120469900, 0120469826, 0120469807, 0120469763
 Servicing: Scania
 Terminal W, Length 180.00, Pulley w/o, Fan EF
Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111841 Alternator 14 V, 50 Amp
 Replacing: 0120489476, 0120489467
 Servicing: Citroen, Peugeot
 Grooves 1, Length 167.00, Pulley P, Fan EF
 A: 95.50 B: 56.00 mm



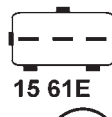
111842 Alternator 28 V, 140 Amp
 Replacing: B120600100, 1986A00009, 0120689582, 0120689575, 0120689569, 0120689541, 0120689540, 0120689527
 Servicing: Ikarus, Iveco, MAN, Mercedes-Benz, Neoplan
 Terminal W, Length 313.00, Pulley w/o, Fan EF
B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



111843 Alternator 14 V, 95 Amp
 Replacing: F005A00024, 9120060041, 6033G2019B, 0120484218, 0120484050, 0120484026, 0120484018, 0120484011
 Servicing: Case, John Deere, Scania
 Terminal W, Length 174.00, Pulley w/o, Fan w/o
B- M8.
 B: 51.00 mm



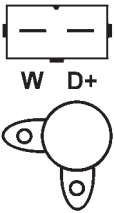
111850 Alternator 14 V, 143 Amp
 Replacing: 0123520008, 0123520007, 0123510021, 0123510018, 0123510004
 Servicing: Mercedes-Benz
 Grooves 6, Length 191.00, Pulley SP, Fan IF
 A: 81.80 B: 56.00 mm



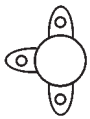
111873[#] Alternator 14 V, 80 Amp
 Replacing: 0123325010, 0123315013
 Servicing: BMW
 Grooves 6, Length 235.00, Pulley SP, Fan IF
 A: 69.00 B: 28.00 C: 76.30 mm



111883 Alternator 14 V, 115 Amp
 Replacing: 0123510101, 0123510080, 0123510049, 0123510038
 Servicing: Mercedes-Benz
 Grooves 6, Length 205.00, Pulley SP/FW, Fan IF
 A: 92.00 B: 56.00 mm



111884 Alternator 14 V, 90 Amp
 Replacing: 0123320038, 0123310049
 Servicing: Seat, VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.50 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 6033GB3034, 6033GB3033, 0120468131
 Servicing: Scania
 Terminal W, Length 190.00, Pulley w/o, Fan w/o
 B: 23.25 C: 68.70 mm



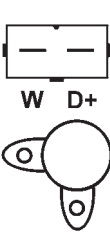
111888 Alternator 14 V, 65 Amp
 Replacing: F005A00023, 9120060040, 0120489475, 0120488293, 0120488205
 Servicing: Case, John Deere
 Terminal W, Grooves 8, Length 192.00, Pulley SP, Fan EF
 A: 81.00 B: 50.60 mm



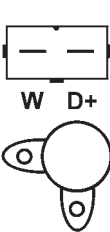
111890 Alternator 14 V, 90 Amp
 Replacing: 0123340007, 0123320046, 0123320041
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 A: 92.00 B: 56.00 mm



111893 Alternator 14 V, 70 Amp
 Replacing: 0123310012
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan EF
 A: 91.45 B: 56.00 mm



111898 Alternator 14 V, 120 Amp
 Replacing: B120510614, 0123515016, 0123510026, 0123505016
 Servicing: VW
 Terminal W, Grooves 6, Length 205.00, Pulley SP, Fan IF
 A: 40.00 B: 14.25 C: 61.00 mm



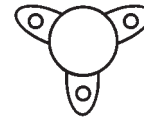
111899 Alternator 14 V, 90 Amp
 Replacing: 0123320018
 Servicing: VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



111902 Alternator 14 V, 115 Amp
 Replacing: 0123510100, 0123510081, 0123510079, 0123510068, 0123510050, 0123510022
 Servicing: Mercedes-Benz, VW
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 82.00 B: 56.10 mm



111967 Alternator 14 V, 90 Amp
 Replacing: 0124325023
 Servicing: Mercedes-Benz
 Grooves 5, Length 177.00, Pulley SP, Fan IF
 A: 30.00 B: 140.00 C: 41.20 mm



111978 Alternator 14 V, 120 Amp
 Replacing: 6033GB2009, 0120484021, 0120484015
 Servicing: Claas, Fendt
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



111980 Alternator 14 V, 70 Amp
 Replacing: 0123310051, 0123310033
 Servicing: Ford, Nissan
 Grooves 1, Length 179.00, Pulley P, Fan IF
 No W terminal.
 A: 42.00 B: 13.00 C: 80.90 mm

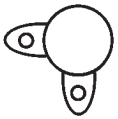
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111987 Alternator 28 V, 55 Amp
 Replacing: 6333G3013B, 0120469999, 0120469978, 0120469849, 0120469679, 0120469673, 0120469113, 0120469110
 Servicing: Iveco
 Terminal W, Length 178.00, Pulley w/o, Fan EF
 B: 17.00 C: 63.80 mm



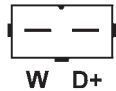
111988 Alternator 14 V, 120 Amp
 Replacing: 0123515018, 0123515014, 0123510027, 0123505011
 Servicing: Ford, Seat, VW
 Grooves 6, Length 194.00, Pulley SP, Fan IF
 A: 39.00 B: 13.90 C: 59.00 mm



111989 Alternator 14 V, 90 Amp
 Replacing: 0124325137, 0124325135, 0124325003
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.50, Pulley SP, Fan IF
 Alternative no.: 115482
 A: 39.60 B: 14.00 C: 61.00 mm



111990 Alternator 14 V, 70 Amp
 Replacing: 0124225050, 0124225046, 0124225024, 0124225002
 Servicing: Opel, Vauxhall
 Grooves 5, Length 178.00, Pulley SP, Fan IF
 A: 55.00 B: 33.50 C: 56.00 mm



111991 Alternator 14 V, 120 Amp
 Replacing: 0123510005, 0123505010, 0120465021
 Servicing: VW
 Terminal W, Grooves 7, Length 201.00, Pulley SP, Fan IF
 A: 42.50 B: 14.00 C: 59.00 mm



112002 Alternator 14 V, 120 Amp
 Replacing: 0124515125, 0124515124, 0124515123, 0124515121, 0124515119, 0124515117, 0124515110, 0124515012
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 Alternative no.: 115483
 A: 39.00 B: 14.50 C: 61.00 mm



112038 Alternator 28 V, 100 Amp
 Replacing: 0120468066
 Servicing: Timberjack
 Terminal W, Length 176.00, Pulley w/o, Fan EF
 B: 56.00 mm



112043 Alternator 14 V, 90 Amp
 Replacing: 0124325004
 Servicing: VW
 Terminal DF, Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



112046 Alternator 14 V, 95 Amp
 Replacing: 0986041840, 0120484001
 Servicing: Deutz-Fahr, Iveco
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



112056 Alternator 14 V, 70 Amp
 Replacing: 0120489342, 0120488204, 0120488202, 0120488187, 0120488186, 0120488169, 0120488168, 0120488100
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 1, Length 165.00, Pulley P, Fan EF
 A: 87.00 B: 56.00 mm



112062 Alternator 14 V, 115 Amp
 Manufacturer: Bosch
 Replacing: 0986046030, 0124515126, 0123512500
 Servicing: John Deere
 Length 177.00, Pulley w/o, Fan IF SP/FW: HC-CARGO 235718 can be used.
 Alternative no.: 116453
 B: 56.00 mm



112072 Alternator 14 V, 120 Amp
 Replacing: 0124515054, 0124515019
 Servicing: Volvo
 Grooves 6, Length 194.00, Pulley SP/FW, Fan IF
 A: 44.50 B: 20.20 C: 82.00 mm



112075 Alternator 14 V, 70 Amp
 Replacing: 0124315035, 0124315006, 0124315004, 0124315003
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 60.75 mm



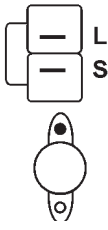
112076 Alternator 28 V, 80 Amp
 Replacing: 0120468999, 0120468139, 0120468130, 0120468129, 0120468124, 0120468116, 0120468094, 0120468065
 Servicing: Iveco, Renault V.I., Scania
 Terminal W, Length 183.00, Pulley w/o, Fan EF
 B: 27.00 C: 71.00 mm



112078 Alternator 14 V, 120 Amp
 Replacing: 0124515018, 0124515017
 Servicing: Volvo
 Grooves 6, Length 194.00, Pulley SP, Fan IF
 A: 44.50 C: 82.00 mm



112079 Alternator 14 V, 90 Amp
 Replacing: 0124325149, 0124325131, 0124325101, 0124325088, 0124325073, 0124325012, 0124325001
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm



112086 Alternator 14 V, 60 Amp
 Replacing: 9120334632, 9120334631
 Servicing: Audi, Ford, Nissan
 Grooves 1, Length 247.00, Pulley P, Fan EF
 A: 42.00 B: 13.10 C: 80.40 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 0986041940, 0986031340, 0120489796, 0120489795, 0120489794, 0120489793, 0120489792, 0120489639
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112098 Alternator 14 V, 65 Amp
 Replacing: 0986039800, 0986038050, 0986031270, 0986030170, 0986030150, 0120489711, 0120489710, 0120489294
 Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor
 Terminal W, Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 80.50 B: 56.00 mm



112144 Alternator 14 V, 98 Amp
 Replacing: 0124415047, 0124415043, 0124415041, 0124415040, 0124415038, 0124415014, 0124415013, 0124415007
 Servicing: Dacia, Nissan, Renault
 Grooves 6, Length 194.00, Pulley SP/FW, Fan IF
 A: 19.50 B: 80.10 C: 40.50 mm



112149 Alternator 14 V, 65 Amp
 Manufacturer: Bosch
 Replacing: 9127041201, 9127041200, 0120489437, 0120489436, 0120489365, 0120489363, 0120489362, 0120489185
 Servicing: Audi, Seat, VW
 Terminal W, Grooves 1, Pulley P, Fan EF
 A: 109.80 B: 56.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: B120500755, 6033GB3054, 6033GB3006, 0120468138, 0120468137, 0120468118, 0120468117, 0120468115
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.
 Terminal W, Length 186.00, Pulley w/o, Fan EF
 B: 80.40 mm



112160 Alternator 28 V, 75 Amp
 Replacing: 0986081030
 Servicing: Cummins, International Harv., John Deere, Komatsu, New Holland, Timberjack
 Length 215.50, Pulley w/o, Fan EF
 Replacing: 21SI. One wire system.
 B: 14.25 C: 101.50 mm



112170 Alternator 28 V, 45 Amp
 Replacing: 0120489481, 0120489071, 0120488294, 0120488206
 Servicing: Case, John Deere, Komatsu
 Terminal W, Length 172.30, Pulley w/o, Fan EF
 Dust proof.
 B: 51.00 mm

ALTERNATORS

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* Available while stock last, * Program development.



112182 Alternator 28 V, 80 Amp
 Replacing: 112182
 Servicing: Scania
 Terminal W, Length 182.00, Pulley w/o, Fan w/o
 As HC-CARGO 111834 (55 A).
 B: 80.10 mm



112189 Alternator 28 V, 80 Amp
 Replacing: 1986A00161, 0120468162, 0120468154, 0120468140
 Servicing: Renault V.I.
 Terminal W, Length 185.50, Pulley w/o, Fan EF
 B: 27.00 C: 71.25 mm



112190 Alternator 14 V, 90 Amp
 Replacing: 0124415011, 0124325145, 0124325059, 0124325058, 0124325009
 Servicing: Fiat, Lancia
 Grooves 5, Length 194.00, Pulley SP, Fan IF
 A: 58.35 B: 25.00 C: 70.65 mm



15 61E



112193 Alternator 14 V, 120 Amp
 Replacing: 0124515050, 0123515022, 0123515004
 Servicing: BMW
 Grooves 6, Length 236.00, Pulley SP, Fan IF
 A: 69.00 B: 28.00 C: 74.50 mm



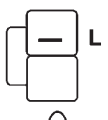
112194 Alternator 14 V, 120 Amp
 Replacing: 0986037990, 0986037380, 0986037340, 0123545004, 0123540004, 0123540003, 0123540002, 0123510023
 Servicing: Mercedes-Benz, Ssangyong, Various Agriculture Vehicles
 Terminal W, Grooves 6, Length 184.00, Pulley SP, Fan IF
 A: 82.20 B: 56.00 mm



112196 Alternator 14 V, 143 Amp
 Manufacturer: Bosch
 Replacing: 0986043130, 0986041060, 0124615053, 0123510075, 0123510074, 0123510060
 Servicing: Fendt, Mercedes-Benz
 Length 177.00, Pulley w/o, Fan IF
 Bosch Type.
 Alternative no.: 115987
 B: 56.00 mm



112197 Alternator 14 V, 115 Amp
 Replacing: 0124615035, 0124515118, 0124515114, 0124515091, 0124515064, 0124515061, 0123510108, 0123510107
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 69.80 C: 56.00 mm



112207 Alternator 14 V, 70 Amp
 Replacing: 9120334635
 Servicing: Nissan
 Grooves 2, Length 250.50, Pulley DP, Fan EF
 A: 41.85 B: 13.00 C: 80.00 mm



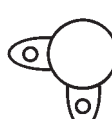
112229 Alternator 14 V, 70 Amp
 Replacing: 0124225028, 0123120001
 Servicing: Opel, Vauxhall
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 51.00 B: 33.50 C: 57.50 mm



112230 Alternator 14 V, 80 Amp
 Replacing: 0120335012
 Servicing: Citroen, Fiat, Peugeot, Suzuki
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 42.00 B: 27.20 C: 66.50 mm



112273 Alternator 14 V, 70 Amp
 Replacing: 0124315005
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 41.00 B: 14.00 C: 60.80 mm



112274 Alternator 14 V, 90 Amp
 Replacing: 0124325150, 0124325032, 0124325013
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 39.50 B: 14.10 C: 61.40 mm



112288 Alternator 28 V, 55 Amp
 Replacing: B120421892, 0986034070, 0120469753, 0120469752, 0120469580, 0120469579, 0120450015, 0120450010
 Servicing: MAN, Mercedes-Benz, Steyr
 Terminal W, Length 177.50, Pulley w/o, Fan w/o
 B: 56.00 mm



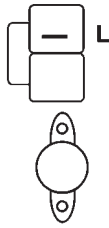
112302 Alternator 28 V, 120 Amp
 Replacing: 0120689550, 0120689539, 0120689538, 0120689524, 0120689516
 Servicing: Iveco
 Terminal W, Length 313.00, Pulley w/o, Fan EF
 B- M8.
 B: 16.00 C: 86.00 mm



112310 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0986031070, 0120489534, 0120489533
 Servicing: BMW, Volvo BM
 Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 74.00 B: 50.70 mm



112325 Alternator 14 V, 70 Amp
 Replacing: 9124476048
 Servicing: Ford
 Terminal W, Grooves 5, Length 170.00, Pulley SP, Fan IF
 D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm



112329 Alternator 14 V, 70 Amp
 Replacing: 9120334626, 9120334625, 0120334625
 Servicing: Nissan
 Terminal W, Grooves 2, Length 250.00, Pulley DP, Fan EF
 A: 43.00 B: 13.20 C: 80.40 mm



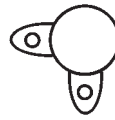
112343 Alternator 28 V, 140 Amp
 Replacing: 0120689573, 0120689566, 0120689561, 0120689552, 0120689548, 0120689543, 0120689514, 0120689511
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Length 304.50, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



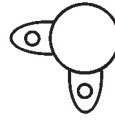
112345 Alternator 28 V, 55 Amp
 Replacing: 0120469798, 0120469014
 Servicing: Volvo
 Terminal W, Length 179.50, Pulley w/o, Fan w/o
 B: 51.50 mm



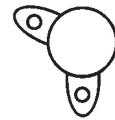
112394 Alternator 14 V, 70 Amp
 Replacing: 9120334642, 6033GB4018
 Servicing: Nissan
 Grooves 1, Length 234.00, Pulley P, Fan EF
 A: 41.90 B: 13.50 C: 80.00 mm



112396 Alternator 14 V, 90 Amp
 Replacing: 0124325049, 0124325018
 Servicing: Audi, VW
 Grooves 5, Length 174.00, Pulley SP/FW, Fan IF
 A: 30.00 B: 14.00 C: 60.85 mm



112397 Alternator 14 V, 120 Amp
 Replacing: 0124515083, 0124515026
 Servicing: Audi, Skoda, VW
 Grooves 5, Length 188.00, Pulley SP/FW, Fan IF
 A: 29.85 B: 14.10 C: 61.00 mm



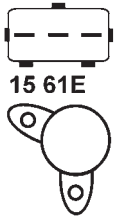
112399 Alternator 14 V, 90 Amp
 Replacing: 0124325025, 0124325019, 0124325017
 Servicing: Audi, Skoda, VW
 Grooves 5, Length 163.50, Pulley SP, Fan IF
 A: 34.65 B: 14.00 C: 82.50 mm



112406 Alternator 14 V, 90 Amp
 Replacing: 0123315503, 0123315500
 Servicing: Iveco
 Grooves 1, Length 200.50, Pulley P, Fan IF
 A: 48.30 B: 14.00 C: 82.00 mm



112407 Alternator 14 V, 90 Amp
 Replacing: 0124320001
 Servicing: Iveco, Multicar
 Grooves 6, Length 190.50, Pulley SP, Fan IF
 A: 46.50 B: 14.00 C: 82.00 mm



112413 Alternator 14 V, 90 Amp
 Replacing: 0123325015, 0123325011, 0123315022
 Servicing: BMW
 Grooves 6, Length 206.00, Pulley SP, Fan IF
 A: 47.00 B: 20.00 C: 74.00 mm



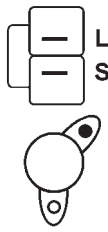
112414 Alternator 14 V, 85 Amp
 Replacing: 0124225011, 0124225010
 Servicing: MG, Rover
 Grooves 5, Length 177.50, Pulley SP, Fan IF
 A: 89.50 B: 58.00 mm



112415 Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124515080, 0124515005
 Servicing: Opel, Vauxhall
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 Alternative no.: 116334
 A: 51.00 B: 33.40 C: 57.20 mm



112416 Alternator 14 V, 100 Amp
 Replacing: 0124425022, 0124415002
 Servicing: Holden, Opel, Vauxhall
 Grooves 5, Length 180.00, Pulley SP, Fan IF
 A: 53.50 B: 33.50 C: 58.30 mm



112418 Alternator 14 V, 90 Amp
 Replacing: 0124325008
 Servicing: Mitsubishi
 Grooves 5, Length 180.00, Pulley SP, Fan IF
 A: 38.00 B: 12.90 C: 66.40 mm



112419 Alternator 14 V, 70 Amp
 Replacing: 0124315014
 Servicing: Seat, Skoda
 Grooves 5, Length 177.00, Pulley SP, Fan IF
 A: 35.00 B: 14.00 C: 81.60 mm



112424 Alternator 28 V, 140 Amp
 Replacing: 1986A00003, 0120689562
 Servicing: Scania
 Terminal W, Length 285.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.50 C: 182.00 mm



112425 Alternator 14 V, 150 Amp
 Replacing: 0124615033, 0124615019, 0124615015, 0123520023
 Servicing: Mercedes-Benz
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



112426 Alternator 14 V, 150 Amp
 Replacing: 0122468015, 01220AA1J0, 01220AA1H0
 Servicing: BMW, Land Rover
 Grooves 7, Length 160.00, Pulley SP, Fan w/o
 Water cooled.



112427 Alternator 28 V, 90 Amp
 Replacing: 0123525502
 Servicing: Iveco
 Grooves 12, Length 198.00, Pulley SP, Fan IF
 Alternative no.: 115871
 A: 90.00 B: 57.60 mm



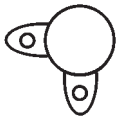
112428 Alternator 14 V, 150 Amp
 Replacing: 01220AA3D0, 01220AA2A0, 01220AA1P0, 01220AA1A0, 01220AA0R0, 01220AA0D0, 01220AA0B0, 01220AA000
 Servicing: Mercedes-Benz
 Grooves 6, Length 248.00, Pulley SP/FW, Fan w/o
 Water cooled.
 Alternative no.: 115673
 A: 63.75 B: 90.15 C: 146.00 mm



112453 Alternator 14 V, 85 Amp
 Replacing: 0120469710, 0120469666, 0120469647, 0120469646
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia
 Length 174.00, Pulley w/o, Fan EF
 B: 16.90 C: 63.00 mm



112460 Alternator 14 V, 150 Amp
 Replacing: 0124615002
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.60 B: 22.00 C: 45.60 mm



112461 Alternator 14 V, 150 Amp
 Replacing: 0124615027
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Suzuki
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 22.00 C: 45.00 mm



112493 Alternator 28 V, 65 Amp
 Replacing: 0120468147, 0120468054
 Servicing: Case
 Terminal W, Length 232.00, Pulley w/o, Fan EF
 B: 14.00 C: 100.00 mm



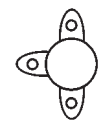
112529 Alternator 14 V, 90 Amp
 Replacing: 0986046000, 0986041040, 0986038176, 0986038170, 0123335003, 0123320061, 0123320045, 0123320010
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 Alternative no.: 116129
 A: 92.00 B: 56.10 mm



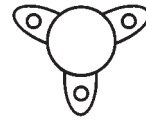
112530 Alternator 14 V, 120 Amp
 Replacing: 0123510067, 0123510066, 0123510051, 0123510039, 0123510012
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 Grooves 6, Length 201.00, Pulley SP, Fan IF
 A: 92.50 B: 56.10 mm



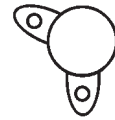
112535 Alternator 14 V, 120 Amp
 Replacing: 0124515045
 Servicing: Mercedes-Benz
 Grooves 6, Length 192.90, Pulley SP, Fan IF
 A: 91.95 B: 56.00 mm



112557 Alternator 14 V, 120 Amp
 Replacing: B120510079, B120510078, 0123545003, 0123545001, 0123505014, 0123500014, 0123500004, 0123315021
 Servicing: Renault, Volvo
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 47.80 B: 21.00 C: 55.50 mm



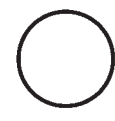
112561 Alternator 28 V, 80 Amp
 Replacing: 6033GB3027, 6033GB3022, 6033GB3019, 0120469117, 0120469116, 0120469115
 Servicing: Mercedes-Benz
 Terminal W, Length 188.00, Pulley w/o, Fan EF
 B: 80.00 mm



112680 Alternator 14 V, 70 Amp
 Replacing: B120411528, 0123310053, 0123310029
 Servicing: Ford
 Terminal W, Grooves 6, Length 173.00, Pulley SP, Fan IF
 A: 33.50 B: 14.00 C: 80.00 mm



112687 Alternator 14 V, 80 Amp
 Replacing: 0120485048, 0120469967
 Servicing: BMW
 Grooves 6, Length 236.00, Pulley SP, Fan IF
 A: 69.00 B: 28.00 C: 76.50 mm



112693 Alternator 14 V, 115 Amp
 Manufacturer: Bosch
 Replacing: 0120468125, 0120468101, 0120468029
 Servicing: Porsche
 Pulley w/o, Fan IF
 Alternative no.: 116339

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

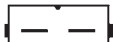
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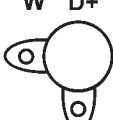
B+D+ W



112698 Alternator 14 V, 100 Amp
 Replacing: F010LD0201
 Servicing: Ford
 Terminal W, Grooves 6, Length 178.00,
 Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



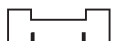
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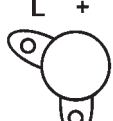
112709 Alternator 14 V, 120 Amp
 Replacing: 0123510053, 0123510007
 Servicing: Ford, VW
 Terminal W, Grooves 7, Length 195.00,
 Pulley SP, Fan IF
 A: 43.00 B: 14.00 C: 61.00 mm



112720 Alternator 14 V, 100 Amp
 Replacing: 0124415010
 Servicing: Opel, Vauxhall
 Grooves 1, Length 173.00, Pulley P,
 Fan IF
 A: 53.50 B: 33.40 C: 57.00 mm



L +



112728 Alternator 14 V, 55 Amp
 Replacing: 9120144278, 9120144268,
 9120144267
 Servicing: Renault
 Grooves 1, Length 176.00, Pulley P,
 Fan EF
 A: 102.00 B: 56.00 mm



112729 Alternator 14 V, 90 Amp
 Replacing: 0120469863, 0120469768,
 0120469739, 0120469738, 0120469737,
 0120469736, 0120469735, 0120469734
 Servicing: Audi, VW
 Terminal W, Grooves 1, Length 170.00,
 Pulley P, Fan EF
 A: 84.00 B: 55.60 mm



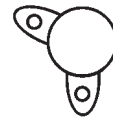
112734 Alternator 14 V, 80 Amp
 Replacing: 0120469948, 0120469946,
 0120469928, 0120469897, 0120469896,
 0120469894, 0120469812, 0120469811
 Servicing: Mercedes-Benz
 Grooves 6, Length 188.00, Pulley SP, Fan EF
 A: 91.50 B: 56.00 mm



112735 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9120690298, 9120690291, 0120489444,
 0120489443, 0120489368, 0120489367
 Servicing: Audi, VW
 Terminal W, Grooves 1, Length 186.00,
 Pulley P, Fan EF
 A: 109.50 B: 56.30 mm



112736 Alternator 14 V, 65 Amp
 Replacing: 0986031330, 0120489756
 Servicing: Deutz-Fahr, Fahr, Iveco
 Terminal W, Grooves 1, Length 166.00,
 Pulley P, Fan EF
 A: 76.50 B: 56.10 mm



112742 Alternator 14 V, 90 Amp
 Replacing: 0986032710, 0120469749,
 0120469522, 0120469507
 Servicing: Valtra, Volvo, Volvo BM
 Terminal W, Grooves 2, Pulley DP,
 Fan w/o
 A: 72.50 B: 51.00 mm



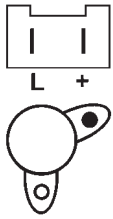
112746* Alternator 14 V, 80 Amp
 Replacing: 0120469793, 0120469787,
 0120469786, 0120469785, 0120469784
 Servicing: Volvo
 Grooves 2, Length 163.00, Pulley DP,
 Fan EF
 A: 93.00 B: 71.00 mm



112747 Alternator 28 V, 55 Amp
 Replacing: 0986034430, 0120469772,
 0120469585, 0120469521, 0120469520,
 0120469519, 0120469102, 0120469030
 Servicing: Deutz-Fahr, Ford, Iveco, KHD
 Terminal W, Length 177.00, Pulley w/o,
 Fan EF
 B: 56.00 mm



112750 Alternator 14 V, 90 Amp
 Replacing: 0120469953, 0120469889,
 0120469888, 0120469839, 0120469832,
 0120469823, 0120469822, 0120468122
 Servicing: Audi, Seat, VW
 Grooves 1, Length 177.50, Pulley P, Fan EF
 A: 31.50 B: 14.00 C: 82.00 mm



112756 Alternator 14 V, 60 Amp
 Replacing: 9120144303, 9120144302
 Servicing: Renault
 Grooves 1, Length 160.00, Pulley P, Fan EF
 A: 56.00 B: 27.00 C: 65.00 mm



112757 Alternator 28 V, 55 Amp
 Replacing: 0120469963, 0120469920
 Servicing: Scania, Volvo
 Terminal W, Length 185.00, Pulley w/o, Fan EF
Bosch 0 120 469 963 = Insulated, HC-CARGO 112757 is not insulated.
 B: 27.50 C: 68.00 mm



112765 Alternator 14 V, 90 Amp
 Replacing: B120500331, B120500330, 0120469814, 0120469813, 0120469723, 0120469722, 0120469021
 Servicing: VW
 Terminal W, Grooves 1, Length 185.00, Pulley P, Fan EF
 A: 100.00 B: 55.80 mm



112768 Alternator 14 V, 55 Amp
 Replacing: 0986036230, 0120489457, 0120489402, 0120489019, 0120488195, 0120488194
 Servicing: Alfa Romeo, Fiat, Goldoni
 Terminal W, Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 47.00 B: 15.00 C: 70.00 mm



112773 Alternator 14 V, 135 Amp
 Replacing: 0120468055
 Servicing: Case, Cummins, John Deere, New Holland
 Terminal W, Length 222.50, Pulley w/o, Fan EF
 B: 14.22 C: 100.00 mm



112780 Alternator 14 V, 90 Amp
 Replacing: 0120469940, 0120469937, 0120469936, 0120469893, 0120469848, 0120469847, 0120469028
 Servicing: BMW, Fiat, Lancia
 Grooves 5, Length 190.00, Pulley SP, Fan EF
 A: 48.75 B: 13.00 C: 82.00 mm



112784 Alternator 28 V, 45 Amp
 Replacing: 0120489303, 0120489060, 0120488643
 Servicing: Volvo, Volvo Penta
 Terminal W, Length 174.00, Pulley w/o, Fan w/o
 B: 50.00 mm



112799 Alternator 14 V, 100 Amp
 Replacing: 0120468119, 0120468085, 0120468084
 Servicing: VW
 Terminal W, Grooves 1, Pulley P, Fan EF
 A: 100.00 B: 56.00 mm



112803 Alternator 28 V, 80 Amp
 Replacing: 0120468114, 0120468037
 Servicing: Volvo
 Terminal W, Length 181.50, Pulley w/o, Fan EF
 B: 51.00 mm



112806 Alternator 14 V, 120 Amp
 Replacing: 0123510061, 0123510014, 0123505009, 0123505007, 0120465023, 0120465022, 0120465008, 0120465007
 Servicing: Audi, Vauxhall, VW
 Grooves 6, Length 198.00, Pulley SP, Fan IF
 A: 30.00 B: 14.10 C: 82.00 mm



112810 Alternator 14 V, 65 Amp
 Replacing: 0120488262, 0120488261, 0120488230
 Servicing: Volvo
 Grooves 2, Length 170.00, Pulley DP, Fan EF
 A: 91.00 B: 71.00 mm



113186 Alternator 28 V, 55 Amp
 Replacing: 0120469032
 Servicing: Volvo
 Terminal W, Length 175.00, Pulley w/o, Fan EF
Heavy duty type: HC-CARGO 113650 (80 A).
 B: 13.80 C: 83.00 mm

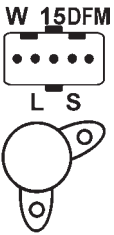
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

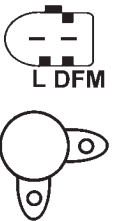
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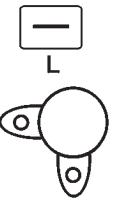
113187 Alternator 14 V, 85 Amp
 Manufacturer: Bosch
 Replacing: 0120484009
 Servicing: Citroen, Ferrari, Fiat, Lancia
 Length 168.00, Pulley w/o, Fan w/o
 B: 17.00 C: 70.10 mm



113188 Alternator 28 V, 70 Amp
 Replacing: 0124555005
 Servicing: Ginaf, Iveco
 Terminal W, Grooves 8, Length 194.00,
 Pulley SP, Fan IF
 Alternative no.: 115484
 A: 36.50 B: 14.10 C: 80.90 mm



113252 Alternator 14 V, 140 Amp
 Replacing: 0124525089, 0124525010
 Servicing: Audi, VW
 Grooves 5, Length 180.00, Pulley SP/
 FW, Fan IF
 A: 29.00 B: 14.00 C: 61.00 mm



113272 Alternator 14 V, 140 Amp
 Replacing: 0124525529, 0124525029,
 0124525014, 0124525001
 Servicing: Volvo
 Grooves 6, Length 191.00, Pulley SP/
 FW, Fan IF
 A: 45.00 B: 30.00 C: 82.00 mm



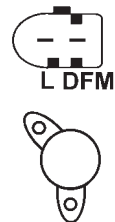
113273 Alternator 14 V, 140 Amp
 Replacing: 0124525016
 Servicing: Saab
 Grooves 6, Length 20.00, Pulley SP,
 Fan IF
 A: 118.00 B: 56.00 mm



113274 Alternator 14 V, 200 Amp
 Replacing: 0124625002
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP, Fan IF
 A: 31.00 B: 93.35 C: 56.00 mm



113275 Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124525027, 0124515101,
 0124515022
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 198.50, Pulley SP/
 FW, Fan IF
 A: 38.90 B: 14.25 C: 61.35 mm



113279 Alternator 14 V, 110 Amp
 Replacing: 0124325053
 Servicing: Fiat, Iveco
 Grooves 7, Length 188.50, Pulley SP,
 Fan IF
 A: 40.50 B: 13.90 C: 81.25 mm



113280 Alternator 14 V, 90 Amp
 Replacing: 0124325052, 0124320002
 Servicing: Iveco, Renault V.I.
 Terminal W, Grooves 6, Length 191.00,
 Pulley SP, Fan IF
 A: 46.75 B: 13.70 C: 81.10 mm



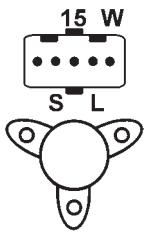
113283 Alternator 14 V, 120 Amp
 Replacing: 0124515034, 0124515027
 Servicing: Audi, Skoda, VW
 Grooves 5, Length 181.50, Pulley SP,
 Fan IF
 A: 34.25 B: 14.00 C: 82.00 mm



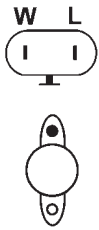
113284 Alternator 28 V, 80 Amp
 Replacing: 0124555041, 0124555040,
 0124555003
 Servicing: Bova, DAF, Solaris
 Terminal W, Length 183.50, Pulley w/o,
 Fan IF
 Alternative no.: 115491
 B: 80.50 mm



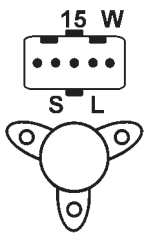
113285 Alternator 14 V, 75 Amp
 Replacing: B120416351, 0124315100,
 0124315027, 0124315019
 Servicing: Ford
 Grooves 7, Length 218.50, Pulley SP/
 FW, Fan IF
 w/ single pulley: HC-CARGO 113544.
 A: 38.60 B: 55.25 C: 74.50 mm



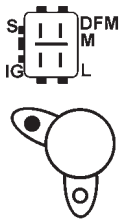
113289 Alternator 28 V, 90 Amp
 Replacing: 0123525501
 Servicing: MAN, Neoplan
 Terminal W, Length 189.00, Pulley w/o, Fan IF
 B: 80.20 mm



113291 Alternator 14 V, 55 Amp
 Replacing: 6033GB4009
 Servicing: Nissan
 Terminal W, Grooves 1, Length 231.00, Pulley P, Fan EF
 A: 39.30 B: 13.40 C: 80.00 mm



113295 Alternator 28 V, 55 Amp
 Replacing: 0123325500
 Servicing: MAN
 Terminal W, Length 180.00, Pulley w/o, Fan IF
 B: 80.25 mm



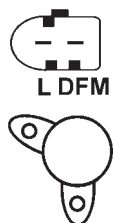
113296 Alternator 14 V, 80 Amp
 Replacing: 0124315029, 0124315025, 0124315024, 0124315016
 Servicing: Toyota
 Grooves 6, Length 169.00, Pulley SP, Fan IF
 A: 33.45 B: 17.85 C: 40.00 mm



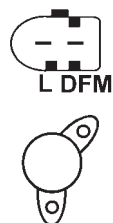
113298 Alternator 14 V, 105 Amp
 Replacing: 0124415032, 0124415031, 0124415030, 0124415029, 0124415016
 Servicing: Ford
 Grooves 6, Length 179.50, Pulley SP, Fan IF
 A: 40.00 B: 56.00 C: 75.00 mm



113300 Alternator 14 V, 120 Amp
 Replacing: 0124515046
 Servicing: Mercedes-Benz
 Grooves 6, Length 193.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



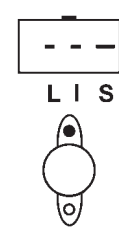
113301 Alternator 14 V, 90 Amp
 Replacing: 0124325045, 0124325040
 Servicing: Mercedes-Benz
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 91.50 B: 56.00 mm



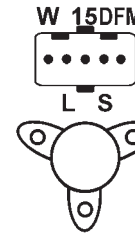
113302 Alternator 14 V, 120 Amp
 Replacing: 0124515132, 0124515056
 Servicing: Chrysler, Mercedes-Benz
 Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 82.00 B: 56.00 mm



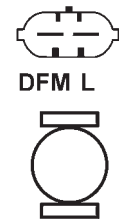
113340 Alternator 14 V, 70 Amp
 Replacing: 0124315032, 0124315001
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.50, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.00 C: 62.00 mm



113350 Alternator 14 V, 85 Amp
 Replacing: F00LD0213
 Servicing: Chevrolet, Daewoo
 Grooves 5, Length 179.00, Pulley SP, Fan IF
 A: 36.00 B: 13.20 C: 81.30 mm



113351 Alternator 28 V, 100 Amp
 Replacing: 0124655097, 0124655038, 0124655034, 0124655023, 0124655016, 0124655004, 0124655002, 0124655001
 Servicing: Mercedes-Benz
 Terminal W, Length 196.00, Pulley w/o, Fan IF
 Alternative no.: 115557
 B: 80.00 mm



113352 Alternator 14 V, 120 Amp
 Replacing: 0124515095, 0124515033, 0124425056, 0124425053, 0124425019, 0124425004, 0124415025, 0124415009
 Servicing: Holden, Opel, Saab, Vauxhall
 Grooves 5, Length 186.00, Pulley SP, Fan IF
 A: 32.00 B: 79.50 C: 57.00 mm

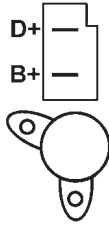
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



113376 Alternator 14 V, 55 Amp
 Replacing: 0120489769, 0120489768, 0120489636, 0120489635, 0120489626, 0120489625, 0120489586, 0120489585
 Servicing: Bedford, Opel, Vauxhall
 Terminal W, Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 76.60 B: 56.20 mm



113469 Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: 0986033070, 0120339526
 Servicing: Marshall, Steyr
 Grooves 1, Length 156.00, Pulley P, Fan EF
Dust proof.
 A: 75.50 B: 55.90 mm



113485 Alternator 14 V, 80 Amp
 Replacing: 0123310010
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



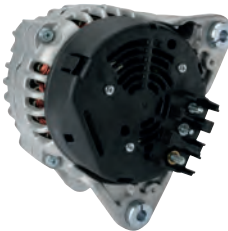
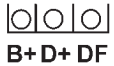
113442 Alternator 14 V, 90 Amp
 Replacing: 0123320062, 0123320047
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 186.50, Pulley SP/FW, Fan IF
 A: 84.80 B: 56.00 mm



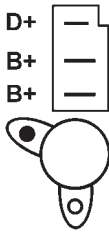
113470 Alternator 28 V, 35 Amp
 Replacing: 0120488283, 0120488234, 0120488153
 Servicing: Iveco, KHD, Liebherr
 Terminal W, Length 174.00, Pulley w/o, Fan w/o
 B: 55.80 mm



113486 Alternator 14 V, 90 Amp
 Replacing: 0123320058, 0123320035
 Servicing: Mercedes-Benz
 Grooves 6, Length 168.50, Pulley SP, Fan IF
 A: 91.85 B: 56.00 mm



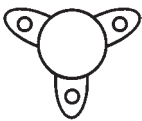
113447 Alternator 14 V, 70 Amp
 Replacing: 0123310054, 0123310050, 0123310023
 Servicing: Ford, Mazda
 Grooves 6, Length 171.00, Pulley SP, Fan IF
 A: 32.50 B: 13.40 C: 78.50 mm



113474 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9124476014
 Servicing: Austin, Landini, Massey Ferguson, Rover
 Terminal W, Grooves 1, Length 171.50, Pulley P, Fan EF
 Alternative no.: CA22H
 A: 35.90 B: 11.00 C: 82.55 mm



113489 Alternator 14 V, 150 Amp
 Replacing: 0123520017, 0123520013, 0123520012, 0123520011, 0123520006
 Servicing: Mercedes-Benz
 Grooves 6, Length 192.50, Pulley SP, Fan IF
 A: 82.30 B: 56.00 mm



113448 Alternator 28 V, 100 Amp
 Replacing: 6033GB3083, 6033GB3023, 6033GB3010, 0120501151, 0120469119, 0120468145, 0120468143
 Servicing: Mercedes-Benz
 Terminal W, Length 211.00, Pulley w/o, Fan EF
 B: 80.00 mm



113477 Alternator 28 V, 55 Amp
 Replacing: 0986033841
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 184.00, Pulley w/o, Fan EF
 B: 50.80 mm



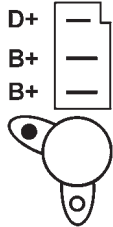
113510 Alternator 14 V, 140 Amp
 Replacing: 0124615007, 0124525520, 0124525087, 0124525008
 Servicing: Audi, Skoda, VW
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 30.00 B: 14.10 C: 82.00 mm



113531 Alternator 14 V, 120 Amp
 Replacing: F005A00025, 9120060042, 0986039810, 0120484019, 0120484017, 0120484012
 Servicing: John Deere
 Terminal W, Length 172.00, Pulley w/o, Fan w/o
 B: 56.20 mm



113536 Alternator 14 V, 90 Amp
 Replacing: 0124325148, 0124325060
 Servicing: Alfa Romeo
 Grooves 6, Length 197.00, Pulley SP, Fan IF
 A: 44.50 B: 16.90 C: 54.30 mm



113574 Alternator 14 V, 65 Amp
 Replacing: 0986033940, 0120489959, 0120489958
 Servicing: Case, New Holland, Valtra
 Terminal W, Grooves 1, Length 177.50, Pulley P, Fan EF
 A: 36.85 B: 10.40 C: 83.00 mm



113611 Alternator 14 V, 90 Amp
 Replacing: 0986034940, 0986033090, 0120469895, 0120469687, 0120469540, 0120469526, 0120469506, 0120469013
 Servicing: Claas, Mercedes-Benz
 Terminal W, Length 185.00, Pulley w/o, Fan EF
 B: 80.10 mm



113632 Alternator 14 V, 85 Amp
 Replacing: 0986037450, 0986036800, 012060040, 0120489317, 0120489156, 0120488217, 0120484020, 0120484016
 Servicing: John Deere, Lada
 Terminal W, Length 170.00, Pulley w/o, Fan w/o
 B: 56.10 mm



113640 Alternator 14 V, 150 Amp
 Replacing: 0124525035
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 177.50, Pulley SP/FW, Fan IF
 As HC-CARGO 116067, but w/ pulley.
 Alternative no.: 116067
 A: 42.50 B: 21.20 C: 45.80 mm



113707 Alternator 14 V, 200 Amp
 Manufacturer: Bosch
 Replacing: 0124625031
 Servicing: John Deere, Various Industrial applications
 Length 174.50, Pulley w/o, Fan IF
 B: 56.00 mm



113716 Alternator 14 V, 120 Amp
 Replacing: F005A00020, F0005A00020, 9120060038, 9120060028, 9120060023, 0120488296, 0120484049, 0120484028
 Servicing: Thermo King, Yanmar
 Terminal W, Length 167.50, Pulley w/o, Fan EF
 B: 51.00 mm



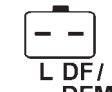
113722 Alternator 14 V, 90 Amp
 Manufacturer: Valeo
 Replacing: 0124225063
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 187.00, Pulley SP/FW, Fan IF
 Alternative no.: 115963
 A: 40.20 B: 64.15 C: 56.00 mm



113751 Alternator 14 V, 120 Amp
 Replacing: 0124515058, 0124515040, 0124515028
 Servicing: Audi, VW
 Grooves 6, Length 165.00, Pulley SP, Fan IF
 A: 30.00 B: 14.00 C: 82.00 mm



113754 Alternator 14 V, 120 Amp
 Replacing: B120516076, 0124515068, 0124515038, 0124515021, 0124515020, 0124515013
 Servicing: Volvo, VW
 Grooves 6, Length 193.00, Pulley SP, Fan IF
 A: 39.00 B: 14.10 C: 61.20 mm



113755 Alternator 14 V, 150 Amp
 Replacing: 0124525034
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 A: 43.00 B: 21.00 C: 45.10 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



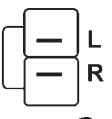
113758 Alternator 14 V, 120 Amp
 Replacing: 0123515024, 0123515012, 0123510028, 0120468109
 Servicing: Audi, Skoda, VW
 Terminal DF, Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 30.00 B: 13.90 C: 81.70 mm



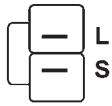
113770 Alternator 14 V, 120 Amp
 Replacing: 0123515003
 Servicing: Audi, VW
 Terminal DF, Grooves 5, Length 193.50, Pulley SP/FW, Fan IF
 A: 29.00 B: 14.00 C: 60.60 mm



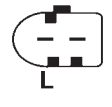
113786 Alternator 14 V, 90 Amp
 Replacing: 9120335002, 6033GB5009, 6033GB5007
 Servicing: Nissan
 Grooves 2, Length 243.00, Pulley DP, Fan IF
 A: 41.50 B: 13.20 C: 80.70 mm



113791 Alternator 14 V, 70 Amp
 Replacing: F000BL0101, 0124220008
 Servicing: Hyundai, Kia
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 38.50 B: 13.00 C: 48.00 mm



113832 Alternator 14 V, 90 Amp
 Replacing: 0124325010, 0123315018, 0123315017, 0123315015, 0123315008
 Servicing: Mitsubishi
 Grooves 4, Pulley SP
 A: 46.00 C: 65.00 mm



113835 Alternator 14 V, 120 Amp
 Replacing: 0124515131, 0124515055
 Servicing: Mercedes-Benz
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 82.40 B: 56.00 mm



113836 Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124515090, 0124515087
 Servicing: Alfa Romeo
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 29.50 B: 14.50 C: 59.00 mm



113837 Alternator 14 V, 150 Amp
 Replacing: 0124525533, 0124525141, 0124525133, 0124525084, 0124525044
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 7, Length 186.00, Pulley SP
 A: 33.00 B: 14.30 C: 60.00 mm



113858 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124525080, 0124525026
 Servicing: BMW
 Grooves 6, Length 193.00, Pulley SP, Fan IF
 Alternative no.: 115976
 A: 69.00 B: 28.00 C: 77.00 mm



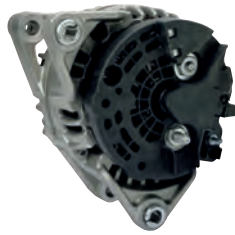
113871 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124525561, 0124525059, 0124525045, 0124525042, 0124515098, 0124325099, 0124325062, 0124325030
 Servicing: BMW
 Grooves 6, Length 193.50, Pulley SP/FW, Fan IF
 Alternative no.: 115867
 A: 29.60 B: 62.85 C: 41.65 mm



113874 Alternator 14 V, 110 Amp
 Replacing: 0124325160, 0124325127, 0124325125, 0124325090, 0124325081, 0124325056
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 39.30 B: 14.15 C: 61.15 mm



113877 Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124515198, 0124515088
 Servicing: Mercedes-Benz
 Grooves 7, Length 197.50, Pulley SP/FW, Fan IF
 Alternative no.: 116322
 A: 30.50 B: 69.90 C: 56.55 mm



113879 Alternator 14 V, 100 Amp
 Replacing: 0124415005, 0124225023, 0124225004
 Servicing: Opel, Vauxhall
 Grooves 6, Length 170.50, Pulley SP, Fan IF
 A: 50.50 B: 33.50 C: 59.10 mm



113887 Alternator 14 V, 90 Amp
 Replacing: 0124325140, 0124325074, 0124325070, 0124325011
 Servicing: Audi, Skoda, VW
 Grooves 6, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



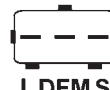
113899 Alternator 14 V, 150 Amp
 Replacing: 0124615029, 0123515502
 Servicing: John Deere
 Terminal W, Grooves 8, Length 200.40, Pulley SP, Fan IF
 A: 86.50 B: 56.00 mm



113882 Alternator 14 V, 120 Amp
 Replacing: 0124515025
 Servicing: Audi, VW
 Grooves 5, Length 181.50, Pulley SP/FW, Fan IF
 A: 34.40 B: 14.00 C: 82.60 mm



113888 Alternator 14 V, 90 Amp
 Replacing: 0124325097, 0124325035, 0124325022, 0124325021
 Servicing: VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 59.00 mm



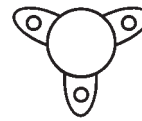
113913 Alternator 14 V, 110 Amp
 Replacing: 0124325248, 0124325100
 Servicing: Ford
 Grooves 7, Length 196.40, Pulley SP/FW, Fan IF
 A: 40.00 B: 55.00 C: 74.00 mm



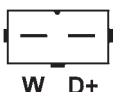
113884 Alternator 14 V, 150 Amp
 Replacing: 0124615040, 0124615038, 0124615017, 0124615006, 0124525128, 0124525098
 Servicing: Dodge, Ford, Jeep, Mitsubishi, Seat, VW
 Grooves 6, Length 201.50, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.35 C: 59.00 mm



113889 Alternator 14 V, 90 Amp
 Replacing: 0124325105, 0124325093, 0124325046, 0124325039, 0123320065, 0123320051
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 Alternative no.: 115485 5★
 A: 32.00 B: 70.00 C: 56.00 mm



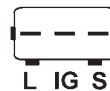
113920 Alternator 28 V, 35 Amp
 Replacing: 0120488291, 0120488278, 0120488277, 0120488256, 0120400728
 Servicing: MAN, Mercedes-Benz, Nissan, Padane
 Terminal W, Length 176.00, Pulley w/o, Fan w/o
 B: 80.40 mm



113885 Alternator 14 V, 150 Amp
 Replacing: 0123520002
 Servicing: Audi, Ford, Mercedes-Benz, Seat, VW
 Terminal W, Grooves 7, Length 208.50, Pulley SP, Fan IF
 A: 42.85 B: 14.15 C: 61.00 mm



113895 Alternator 28 V, 80 Amp
 Replacing: 6033GB3045, 0120468146
 Servicing: Various Industrial applications
 Terminal W, Length 190.50, Pulley w/o, Fan EF
 B: 56.00 mm



113923 Alternator 28 V, 90 Amp
 Replacing: 0123525503, 0123525500
 Servicing: Iveco
 Grooves 10, Length 213.00, Pulley SP, Fan IF
 Alternative no.: 115879 5★
 A: 90.00 B: 58.10 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

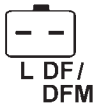
* Available while stock last, * Program development.



113942 Alternator 14 V, 100 Amp
 Replacing: 0124415015
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 202.00, Pulley SP,
 Fan IF
 A: 44.50 B: 22.60 C: 54.27 mm



113944 Alternator 14 V, 200 Amp
 Replacing: 0124625019
 Servicing: Mercedes-Benz
 Grooves 6, Length 160.00, Pulley SP/FW,
 Fan IF
 A: 31.00 B: 93.00 mm



113945 Alternator 14 V, 150 Amp
 Replacing: 0124525028
 Servicing: Renault
 Grooves 5, Length 195.00, Pulley SP/FW,
 Fan IF
 A: 42.50 B: 14.00 C: 60.00 mm



113947 Alternator 14 V, 180 Amp
 Replacing: 0124625018, 0124615031,
 0121715104, 0121715004, 0121615029,
 0121615013
 Servicing: VW
 Length 172.00, Pulley FW, Fan IF
 B: 14.50 C: 61.00 mm



113949 Alternator 14 V, 150 Amp
 Replacing: 0986047210, 0124525147,
 0123515503, 0123515501, 0123515500
 Servicing: Claas, John Deere, Renault
 Terminal W, Length 185.00, Pulley w/o,
 Fan IF
 B: 56.00 mm



113951 Alternator 14 V, 200 Amp
 Replacing: 0124625006
 Servicing: Mercedes-Benz
 Grooves 6, Length 196.00, Pulley SP/FW,
 Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



113953 Alternator 14 V, 200 Amp
 Replacing: 0124625045, 0124625014
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP/FW, Fan IF
 A: 30.50 B: 93.20 C: 55.50 mm



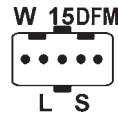
113955 Alternator 14 V, 105 Amp
 Replacing: 0124425100
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 191.00, Pulley SP/FW,
 Fan IF
 A: 112.50 B: 61.00 mm



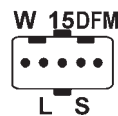
113958 Alternator 14 V, 150 Amp
 Replacing: 0125711059, 0125711017,
 0121615101, 0121615002, 01210AA67B
 Servicing: Citroen, Fiat, Ford, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 115499 ★
 A: 43.00 B: 92.80 C: 74.00 mm



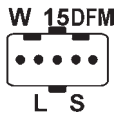
113992 Alternator 14 V, 140 Amp
 Replacing: 0124525539, 0124525525,
 0124525102, 0124525092, 0124525091,
 0124525067, 0124525066, 0124525050
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 178.00, Pulley SP/FW,
 Fan IF
 A: 39.00 B: 14.60 C: 61.30 mm



113998 Alternator 28 V, 110 Amp
 Replacing: 0124655011
 Servicing: MAN
 Terminal W, Length 198.00, Pulley w/o,
 Fan IF
 Alternative no.: 115492 ★
 B: 79.50 mm



114007 Alternator 28 V, 80 Amp
 Replacing: 0124555013
 Servicing: MAN
 Terminal W, Pulley w/o, Fan IF
 Alternative no.: 115486 ★
 B: 80.00 mm



114008 Alternator 28 V, 80 Amp
 Replacing: 0124555015, 0124555014
 Servicing: MAN
 Length 191.00, Pulley w/o, Fan IF
 B: 80.00 mm



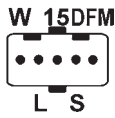
114016 Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124655009
 Servicing: MAN
 Terminal W, Length 179.00, Pulley w/o, Fan IF
 Alternative no.: CA18711R, 116478
 B: 80.00 mm



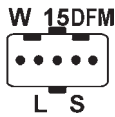
114019 Alternator 14 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124325178
 Servicing: LDV
 Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 Alternative no.: 116047
 A: 39.00 B: 14.00 C: 61.10 mm



114024 Alternator 14 V, 80 Amp
 Replacing: 0124315033
 Servicing: Toyota
 Grooves 7, Length 168.00, Pulley SP/FW, Fan IF
 A: 95.00 B: 58.00 mm



114028 Alternator 28 V, 80 Amp
 Replacing: 0124555008
 Servicing: Scania
 Terminal W, Grooves 8, Pulley SP, Fan IF
 Alternative no.: 115493
 A: 21.00 B: 85.00 C: 35.50 mm



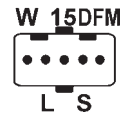
114036 Alternator 28 V, 80 Amp
 Replacing: 0124555006
 Servicing: DAF
 Grooves 8, Length 194.00, Pulley SP, Fan IF
 Alternative no.: 116116
 A: 37.00 B: 14.00 C: 80.00 mm



114040 Alternator 14 V, 85 Amp
 Replacing: 0124225037, 0124225020
 Servicing: Smart (MCC)
 Grooves 5, Length 172.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



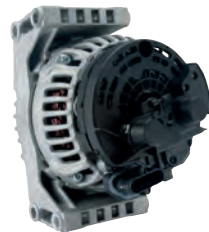
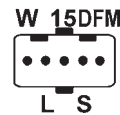
114064 Alternator 14 V, 150 Amp
 Replacing: 0121615103, 0121615003, 01210AA68B
 Servicing: Ford, Land Rover
 Grooves 7, Length 185.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 93.00 C: 74.00 mm



114078 Alternator 28 V, 120 Amp
 Replacing: 0124655332, 0124655331, 0124655021
 Servicing: Volvo
 Grooves 8, Length 215.00, Pulley SP, Fan IF
 Alternative no.: 115494
 A: 45.00 B: 14.00 C: 105.50 mm



114088 Alternator 14 V, 140 Amp
 Replacing: 0124425097, 0124425059
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 Alternative no.: 115487
 A: 112.00 B: 61.00 mm



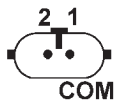
114089 Alternator 28 V, 80 Amp
 Replacing: 0124555118, 0124555117, 0124555018
 Servicing: Bova, DAF, Solaris
 Terminal W, Length 178.80, Pulley w/o, Fan IF
 Alternative no.: 115495
 B: 97.00 C: 41.50 mm



114109 Alternator 14 V, 180 Amp
 Replacing: 0124625028
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.50 C: 60.60 mm



114122 Alternator 14 V, 150 Amp
 Replacing: 0124525135, 0124525132, 0124525049, 0124525043
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 32.50 B: 14.50 C: 60.80 mm



114131 Alternator 14 V, 90 Amp
 Replacing: 0124325186, 0124325176, 0124325139, 0124325102
 Servicing: Renault
 Grooves 7, Length 182.00, Pulley SP, Fan IF
 A: 32.00 B: 14.25 C: 61.00 mm



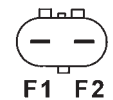
114146 Alternator 14 V, 120 Amp
 Replacing: 0124425077
 Servicing: Mercedes-Benz
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



114200 Alternator 14 V, 100 Amp
 Replacing: 0124325108
 Servicing: Mini
 Grooves 6, Length 169.00, Pulley SP, Fan IF
 A: 18.50 B: 81.00 mm



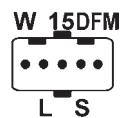
114202 Alternator 14 V, 100 Amp
 Replacing: 0124325221, 0124325172
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.00 mm



114210 Alternator 14 V, 120 Amp
 Replacing: 0124515115, 0124515084
 Servicing: Jeep
 Grooves 6, Pulley SP/FW, Fan IF
 A: 29.00 B: 70.00 C: 56.00 mm



114211 Alternator 14 V, 200 Amp
 Replacing: 0124625030, 0124625029
 Servicing: John Deere
 Length 175.50, Pulley w/o, Fan IF
 B: 56.00 mm



114212 Alternator 28 V, 110 Amp
 Replacing: 0124655019, 0124655012, 0124655008, 0124555555, 0124555058, 0124555028, 0124555027, 0124555020
 Servicing: Renault V.I., Volvo
 Length 201.80, Pulley w/o, Fan IF
 Alternative no.: 115488
 B: 13.50 C: 106.00 mm



114230 Alternator 14 V, 220 Amp
 Replacing: 0121813103, 0121813003
 Servicing: Mercedes-Benz
 Grooves 8, Length 194.00, Pulley SP/FW, Fan IF
 A: 31.50 B: 70.00 C: 56.00 mm



114257 Alternator 14 V, 140 Amp
 Replacing: 0124525017
 Servicing: Saab
 Grooves 5, Length 180.00, Pulley SP/FW, Fan IF
 A: 31.50 B: 79.00 C: 55.00 mm



114290 Alternator 14 V, 80 Amp
 Replacing: 0124225052
 Servicing: Toyota
 Grooves 6, Length 173.00, Pulley SP, Fan IF
 A: 29.00 B: 19.00 C: 37.00 mm



114291 Alternator 14 V, 90 Amp
 Replacing: 0124225055
 Servicing: Toyota
 Grooves 6, Length 160.00, Pulley SP/FW, Fan IF
 A: 30.50 B: 16.43 C: 41.24 mm



114296 Alternator 28 V, 90 Amp
 Replacing: 0124655082, 0124655005
 Servicing: Ginaf, Iveco
 Grooves 8, Pulley SP, Fan IF
 Alternative no.: 115489 ★
 A: 37.00 B: 14.00 C: 81.00 mm



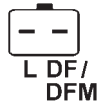
114311 Alternator 14 V, 90 Amp
 Replacing: 0124225051
 Servicing: Toyota
 Grooves 6, Length 168.00, Pulley SP,
 Fan IF
 A: 29.60 B: 19.30 C: 37.00 mm



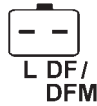
114312 Alternator 14 V, 140 Amp
 Replacing: 0124525060
 Servicing: Volvo
 Grooves 6, Length 195.00, Pulley SP/FW,
 Fan IF
 A: 45.00 B: 20.00 C: 82.00 mm



114314 Alternator 28 V, 110 Amp
 Replacing: 0124655406, 0124655405,
 0124655294, 0124655293, 0124655014
 Servicing: Bova, DAF, Solaris
 Length 194.00, Pulley w/o, Fan IF
 Alternative no.: 116514
 B: 97.00 C: 40.00 mm



114353 Alternator 14 V, 150 Amp
 Replacing: 0124525047
 Servicing: Renault
 Grooves 6, Length 194.50, Pulley SP/FW,
 Fan IF
 A: 33.00 B: 14.20 C: 60.20 mm



114354 Alternator 14 V, 150 Amp
 Replacing: 0124525540, 0124525208,
 0124525140, 0124525082
 Servicing: Nissan, Renault
 Grooves 6, Length 205.00, Pulley SP/FW
 A: 38.50 B: 14.00 C: 60.50 mm



114379 Alternator 14 V, 150 Amp
 Replacing: 0124615043
 Servicing: John Deere
 Length 180.00, Pulley w/o, Fan IF
 B: 56.30 mm



114380 ★ Alternator 14 V, 180 Amp
 Manufacturer: Bosch
 Replacing: 0121715115, 0121715015,
 0121715011
 Servicing: Mercedes-Benz
 Grooves 7, Length 183.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 116060
 A: 31.00 B: 70.00 C: 56.00 mm



114383 ★ Alternator 14 V, 105 Amp
 Manufacturer: Bosch
 Replacing: F002G10862
 Servicing: VM (Stabilimenti Mec)
 Grooves 6, Length 250.00, Pulley SP/FW,
 Fan EF
 Alternative no.: 116361
 A: 39.20 B: 14.00 C: 87.70 mm



114391 Alternator 14 V, 180 Amp
 Replacing: 0121715001
 Servicing: Citroen, Peugeot
 Grooves 6, Length 192.00, Pulley SP/FW,
 Fan IF
 A: 42.50 B: 21.00 C: 45.00 mm



114392 Alternator 14 V, 90 Amp
 Replacing: 0124325170, 0124325169
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



114408 Alternator 14 V, 180 Amp
 Replacing: 0121715020
 Servicing: Audi, VW
 Grooves 6, Length 182.00, Pulley SP,
 Fan IF
 A: 30.00 B: 14.00 C: 60.80 mm



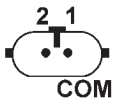
114431 Alternator 14 V, 120 Amp
 Replacing: 0124425020, 0124425005
 Servicing: Alfa Romeo, Fiat, Holden, Opel, Vauxhall
 Grooves 5, Length 184.00, Pulley SP, Fan IF
 A: 64.70 B: 23.00 C: 57.20 mm



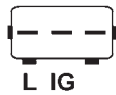
114452 Alternator 14 V, 150 Amp
 Replacing: 0123520022
 Servicing: Land Rover
 Grooves 7, Pulley SP, Fan IF
 A: 83.00 B: 56.00 mm



114454 Alternator 14 V, 180 Amp
 Replacing: 0124625023
 Servicing: Mercedes-Benz
 Grooves 6, Length 194.00, Pulley SP, Fan IF
 A: 32.00 B: 70.00 C: 56.00 mm



114463 Alternator 14 V, 120 Amp
 Replacing: 0124425111, 0124425093, 0124425071, 0124425037, 0124425029, 0124425013
 Servicing: Dacia, Renault
 Grooves 6, Length 165.00, Pulley SP/FW, Fan IF
 A: 38.50 B: 14.00 C: 61.00 mm



114466 Alternator 14 V, 55 Amp
 Manufacturer: Bosch
 Replacing: 0124120001
 Servicing: VM (Stabilimenti Mec)
 Grooves 2, Pulley DP, Fan IF
 A: 42.50 B: 18.00 C: 67.50 mm



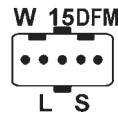
114468 Alternator 14 V, 140 Amp
 Replacing: 0124525015
 Servicing: Saab
 Grooves 6, Pulley SP, Fan IF
 A: 51.40 B: 33.50 C: 56.30 mm



114492 Alternator 14 V, 100 Amp
 Replacing: 0124325171
 Servicing: Opel, Vauxhall
 Grooves 5, Pulley SP, Fan IF
 A: 54.00 B: 33.50 C: 57.00 mm



114510 Alternator 14 V, 120 Amp
 Replacing: 0124425096, 0124425058
 Servicing: Opel, Vauxhall
 Grooves 6, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.00 mm



114528* Alternator 28 V, 120 Amp
 Replacing: 0986049820, 0124655025
 Servicing: MAN, Neoplan, Temsa
 Pulley w/o, Fan IF
 Alternative no.: 115496
 B: 80.00 mm

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114656 Alternator 14 V, 140 Amp
 Replacing: 0124525040, 0124525030
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Pulley SP, Fan IF
 A: 51.00 B: 34.00 C: 58.00 mm



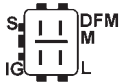
114658 Alternator 14 V, 140 Amp
 Replacing: 0124525031
 Servicing: Opel, Vauxhall
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 A: 51.00 B: 34.00 C: 56.00 mm



114663 Alternator 14 V, 150 Amp
 Replacing: 0124615032, 0124615018
 Servicing: Chrysler
 Length 173.00, Pulley w/o, Fan IF
 Freewheel Pulley: HC-CARGO 332302.
 B: 70.00 C: 56.00 mm



114666 Alternator 14 V, 180 Amp
 Replacing: 0121715129, 0121715029
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP/FW, Fan IF
 A: 31.00 B: 93.50 C: 56.00 mm



114667 Alternator 14 V, 90 Amp
 Replacing: 0124225053
 Servicing: Toyota
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 48.00 B: 27.00 C: 39.00 mm



114668 Alternator 14 V, 100 Amp
 Replacing: 0124325163
 Servicing: Opel, Vauxhall
 Grooves 5, Length 181.00, Pulley SP, Fan IF
 A: 63.00 B: 23.00 C: 59.00 mm



114681 Alternator 14 V, 90 Amp
 Replacing: 0124325166
 Servicing: John Deere
 Pulley w/o, Fan IF
 B: 56.00 mm



114697 Alternator 14 V, 180 Amp
 Replacing: 0121715142, 0121715042
 Servicing: Skoda, VW
 Grooves 6, Length 167.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



114700 Alternator 14 V, 150 Amp
 Replacing: 0124525137, 0124525076
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 7, Length 196.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1877IR
 A: 33.30 B: 14.00 C: 61.60 mm



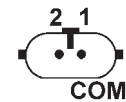
114701 Alternator 14 V, 120 Amp
 Replacing: 0124515120, 0124515113, 0124510001
 Servicing: Renault V.I.
 Terminal W, Grooves 6, Length 196.00, Pulley SP, Fan IF
 Alternative no.: CA1854IR
 A: 47.44 B: 14.00 C: 80.00 mm



114705 Alternator 14 V, 140 Amp
 Replacing: 0124525064, 0124325122
 Servicing: Citroen, Fiat, Iveco, Peugeot
 Length 175.00, Pulley w/o, Fan IF
 Alternative no.: CA1913IR, 115490
 B: 14.00 C: 81.00 mm



114709 Alternator 14 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 0124325080, 0124325079
 Servicing: Toyota
 Grooves 6, Length 173.00, Pulley SP, Fan IF
 Alternative no.: JA1894IR, 116332
 A: 34.00 B: 18.00 C: 40.00 mm



114721 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124525534, 0124525139, 0124525081
 Servicing: Renault
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1974IR, 116323
 A: 38.50 B: 14.00 C: 61.50 mm



114722 Alternator 14 V, 140 Amp
 Replacing: F000BL0809, 0124525088, 0124525009
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1811IR
 A: 29.00 B: 70.00 C: 56.00 mm



114735 Alternator 14 V, 150 Amp
 Replacing: 0123520015
 Servicing: Claas, Fendt, John Deere
 Terminal W, Pulley w/o, Fan IF
 B: 56.00 mm



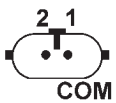
114737 Alternator 14 V, 180 Amp
 Replacing: 0124625007
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP, Fan IF
 A: 82.00 B: 55.80 mm



114753 Alternator 28 V, 100 Amp
 Replacing: 0124655026, 0124655007, 0124555034
 Servicing: Scania
 Terminal W, Grooves 8, Length 195.00, Pulley SP, Fan IF
 Alternative no.: CA1880IR, 115498 ★
 A: 20.00 B: 85.00 C: 35.50 mm



114765 Alternator 14 V, 140 Amp
 Replacing: 0124525020
 Servicing: Fiat, Iveco
 Grooves 7, Length 191.00, Pulley SP, Fan IF
 Alternative no.: CA1837IR
 A: 41.00 B: 14.00 C: 81.50 mm



114768 Alternator 14 V, 120 Amp
 Replacing: 0124425074, 0124425018
 Servicing: Peugeot, Renault
 Grooves 7, Pulley SP/FW, Fan IF
 Alternative no.: CA1945IR
 A: 32.50 B: 14.50 C: 61.00 mm



114769 Alternator 14 V, 110 Amp
 Replacing: 0124325128, 0124325095, 0124325044
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP, Fan IF
 Alternative no.: CA1817IR
 A: 30.00 B: 14.00 C: 61.00 mm

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114771* Alternator 14 V, 150 Amp
 Replacing: 0125711011, 0121615127, 0121615027, 0121615012
 Servicing: Citroen, Mini, Peugeot
 Grooves 6, Pulley SP
 Alternative no.: CA2006IR
 mm



114780 ★ Alternator 14 V, 140 Amp
 Manufacturer: Bosch
 Replacing: 0124525531, 0124525116
 Servicing: Audi
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 Alternative no.: CA1992IR, 116354
 A: 30.00 B: 14.40 C: 61.40 mm



114781 Alternator 14 V, 110 Amp
 Replacing: 0124325116, 0124325087
 Servicing: BMW
 Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1773IR
 A: 30.50 B: 63.00 C: 41.00 mm



114789 ★ Alternator 14 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 0124325101, 0124325001
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 112079
 A: 39.55 B: 14.00 C: 61.00 mm



114825 Alternator 14 V, 150 Amp
 Replacing: 0124615041
 Servicing: New Holland
 Terminal W, Length 185.00, Pulley w/o, Fan IF
 B: 56.00 mm



114829 Alternator 14 V, 120 Amp
 Replacing: 0124425112, 0124425041
 Servicing: Alfa Romeo
 Grooves 5, Length 195.00, Pulley SP/FW, Fan IF
 A: 32.00 B: 79.00 mm



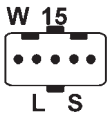
114834 Alternator 14 V, 150 Amp
 Replacing: 0124615030
 Servicing: Claas
 Terminal W, Length 185.00, Pulley w/o, Fan IF
 B: 80.00 mm



114836 Alternator 14 V, 150 Amp
 Replacing: 0124615049, 0124615046,
 0124615044, 0124615012
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP, Fan IF
 Alternative no.: CA1776IR
 A: 82.00 B: 56.00 mm



114844 Alternator 14 V, 145 Amp
 Replacing: 0124525526, 0124525126
 Servicing: Mini
 Grooves 6, Length 190.00, Pulley SP/
 FW, Fan IF
 Alternative no.: CA2114IR
 A: 43.50 B: 21.05 C: 45.50 mm



114880 Alternator 28 V, 110 Amp
 Replacing: 0124655173
 Servicing: Renault V.I., Volvo
 Terminal W, Grooves 8, Length 212.00,
 Pulley SP, Fan IF
 Alternative no.: CA2111IR
 A: 44.50 B: 13.81 C: 103.00 mm



114884 Alternator 14 V, 140 Amp
 Replacing: 0124525527, 0124525093,
 0124525074
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.00, Pulley SP/
 FW, Fan IF
 Alternative no.: CA1985IR
 A: 29.00 C: 62.50 mm



114898 Alternator 14 V, 150 Amp
 Replacing: 0121615108, 0121615008
 Servicing: Ford
 Fan IF
 Alternative no.: CA1919IR
 A: 80.00 B: 14.50 C: 51.50 mm



115304 Alternator 14 V, 120 Amp
 Replacing: 0124425057
 Servicing: Opel, Vauxhall
 Grooves 5, Length 174.00, Pulley SP,
 Fan IF
 A: 54.50 B: 33.50 C: 59.00 mm



115306 Alternator 14 V, 120 Amp
 Replacing: 0124425050
 Servicing: Opel, Vauxhall
 Grooves 5, Pulley SP, Fan IF
 A: 63.00 B: 23.00 C: 57.50 mm



115318 Alternator 14 V, 200 Amp
 Manufacturer: Bosch
 Replacing: 0124625020
 Servicing: Mercedes-Benz
 Grooves 6, Pulley SP/FW, Fan IF
 A: 32.00 mm



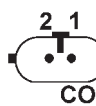
115365 Alternator 14 V, 150 Amp
 Replacing: 0121615128, 0121615028
 Servicing: Ford, Volvo
 Grooves 6, Length 182.00, Pulley SP/
 FW, Fan IF
 A: 42.50 B: 21.20 C: 46.70 mm



115367 Alternator 14 V, 140 Amp
 Replacing: 0124525226, 0124525113
 Servicing: Audi
 Grooves 6, Pulley SP/FW, Fan IF
 A: 28.00 B: 70.00 C: 56.50 mm



115370 Alternator 14 V, 110 Amp
 Replacing: F000BL06ZB, F000BL0615,
 0124325130, 0124325083
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.50 C: 62.00 mm



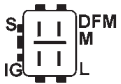
115382 alternator 14 V, 120 Amp
 Replacing: 0124425070, 0124425034
 Servicing: Renault
 Grooves 6, Length 190.00, Pulley SP,
 Fan IF
 A: 38.50 B: 14.00 C: 60.50 mm



115383 alternator 14 V, 200 Amp
 Replacing: 0124625022
 Servicing: Mercedes-Benz
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 30.50 B: 70.00 C: 57.00 mm



115412 Alternator 14 V, 180 Amp
 Replacing: 0125811110, 0125811109, 0125811020, 0125811005, 0121715108, 0121715079, 0121715008
 Servicing: Volvo
 Grooves 5, Length 194.00, Pulley SP/FW, Fan IF
 A: 61.00 B: 32.00 C: 92.00 mm



115416 Alternator 14 V, 100 Amp
 Replacing: 0124325085, 0124325084
 Servicing: Toyota
 Grooves 7, Pulley SP, Fan IF
 A: 35.00 B: 18.00 C: 45.00 mm



115417 Alternator 14 V, 150 Amp
 Replacing: 0121615006
 Servicing: Ford
 Grooves 6, Pulley SP/FW, Fan IF
 A: 40.00 B: 70.00 C: 74.00 mm



115433 Alternator 14 V, 140 Amp
 Replacing: 0124525542, 0124525187
 Servicing: Audi, Mercedes-Benz, Seat, Skoda, VW
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 A: 40.20 B: 14.30 C: 61.50 mm



115434 Alternator 14 V, 150 Amp
 Replacing: 0121615105, 0121615005
 Servicing: Ford, Volvo
 Grooves 5, Length 190.00, Pulley SP/FW, Fan IF
 A: 61.00 B: 31.50 C: 91.00 mm



115452 Alternator 14 V, 150 Amp
 Replacing: 0124525125
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 A: 38.00 B: 14.00 C: 82.00 mm



115455 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: F000BL07P9, F000BL0705
 Servicing: Fiat, Iveco
 Grooves 7, Length 181.20, Pulley SP, Fan IF
 Alternative no.: 116321
 A: 67.00 B: 14.00 C: 81.30 mm



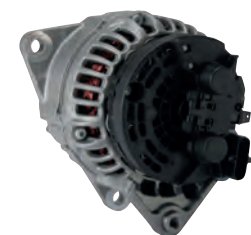
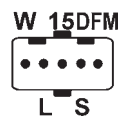
115458 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: F000BL07N9, F000BL0704
 Servicing: Fiat, Iveco
 Length 166.00, Pulley w/o, Fan IF
 Alternative no.: 116177
 B: 14.00 C: 81.00 mm



115461 Alternator 14 V, 150 Amp
 Replacing: 0125711132, 0125711131, 0125711102, 0125711101, 0125711058, 0125711001
 Servicing: Citroen, Ford, Peugeot
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 116061
 A: 43.20 B: 92.50 C: 73.75 mm



115473 Alternator 14 V, 180 Amp
 Replacing: 01220AA160, 01220AA090
 Servicing: BMW
 Grooves 6, Length 157.70, Pulley SP, Fan IF
Water cooled.
 A: 41.00 B: 22.00 mm



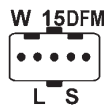
115481 Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124655065
 Terminal W, Grooves 8, Length 208.00, Pulley SP, Fan IF
 A: 37.50 B: 14.00 C: 81.50 mm



115482 Alternator 14 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 0124325135, 0124325003
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 Alternative no.: 111989, CA1378IR
 A: 39.00 B: 14.00 C: 61.00 mm



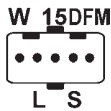
115483 Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124515010
 Servicing: Audi, Chrysler, Ford, Seat, Skoda, VW
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 Alternative no.: 112002, CA1394IR
 A: 39.00 B: 14.50 C: 60.00 mm



115484 Alternator 28 V, 70 Amp
 Manufacturer: Bosch
 Replacing: 0124555005
 Servicing: Ginaf, Iveco
 Grooves 8, Length 194.00, Pulley SP, Fan IF
 Alternative no.: 113188, CA1699IR
 A: 37.00 B: 14.10 C: 80.60 mm



115485 Alternator 14 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 0124325093
 Servicing: Mercedes-Benz
 Grooves 6, Length 171.50, Pulley SP/FW, Fan IF
 Alternative no.: 113889, CA1489IR
 A: 31.00 B: 70.00 C: 56.00 mm



115486 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555013
 Servicing: MAN
 Length 194.00, Pulley w/o, Fan IF
 Alternative no.: 114007, CA1870IR
 B: 80.00 C: 3.00 mm



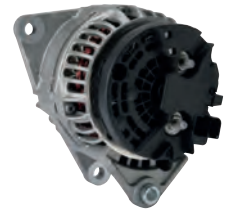
115487 Alternator 14 V, 140 Amp
 Manufacturer: Bosch
 Replacing: 0124425097
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 Alternative no.: 114088, CA1994IR
 A: 112.50 B: 61.50 mm



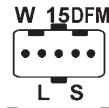
115488 Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124655012
 Servicing: Renault V.I., Volvo
 Grooves 8, Length 217.00, Pulley SP, Fan IF
 Alternative no.: 114212, CA1883IR
 A: 44.50 B: 13.80 C: 106.00 mm



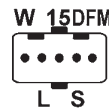
115489 Alternator 28 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 0124655005
 Servicing: Ginaf, Iveco
 Terminal W, Grooves 8, Length 197.00, Pulley SP, Fan IF
 Alternative no.: 114296, CA1812IR
 A: 37.00 B: 14.00 C: 82.00 mm



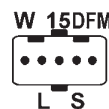
115490 Alternator 14 V, 140 Amp
 Manufacturer: Bosch
 Replacing: 0124525064
 Servicing: Citroen, Fiat, Iveco, Peugeot
 Length 180.00, Pulley w/o, Fan IF
 Alternative no.: 114705, CA1913IR
 B: 14.00 C: 81.00 mm



115491 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555041, 0124555040, 0124555003
 Servicing: Bova, DAF, Solaris
 Terminal W, Length 192.00, Pulley w/o, Fan IF
 Alternative no.: 113284, CA1694IR
 B: 80.00 mm



115492 Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 0124655011
 Servicing: MAN
 Terminal W, Length 198.00, Pulley w/o, Fan IF
 Alternative no.: 113998
 B: 80.00 mm



115493 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555008
 Servicing: Scania
 Terminal W, Grooves 8, Length 227.00, Pulley SP, Fan IF
 Alternative no.: 114028, CA1851IR
 A: 21.00 B: 85.00 C: 35.50 mm

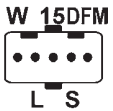
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

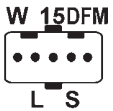
* Available while stock last, * Program development.



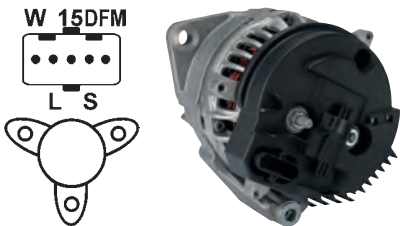
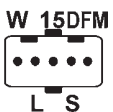
115494 Alternator 28 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124655332, 0124655331, 0124655021
 Servicing: Volvo
 Terminal W, Grooves 8, Length 223.00, Pulley SP, Fan IF
 Alternative no.: 114078
 A: 45.00 B: 13.60 C: 107.00 mm



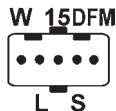
115495 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555118, 0124555117, 0124555018
 Servicing: Bova, DAF, Solaris
 Grooves 7, Length 204.50, Pulley SP, Fan IF
 Alternative no.: 114089, CA1917IR
 A: 56.00 B: 97.00 C: 40.50 mm



115496 Alternator 28 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0986049820, 0124655025
 Servicing: MAN, Neoplan, Temsa
 Length 205.00, Pulley w/o, Fan IF
 Alternative no.: 114528, CA1997IR
 B: 80.00 mm



115497 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555065
 Servicing: Audi, MAN, Mercedes-Benz
 Terminal W, Length 196.00, Pulley w/o, Fan IF
 B: 80.00 mm



115498 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0124655007
 Servicing: Scania
 Terminal W, Grooves 8, Length 207.00, Pulley SP, Fan IF
 Alternative no.: 114753, CA1880IR
 A: 20.00 B: 85.00 C: 35.50 mm



115499 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0125711059
 Servicing: Citroen, Fiat, Ford, Peugeot
 Grooves 6, Length 183.00, Pulley SP/FW, Fan IF
 Alternative no.: 113958, CA1928IR
 A: 43.00 B: 97.00 C: 74.00 mm



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115521 Alternator 14 V, 150 Amp
 Replacing: 0125711047, 0125711002
 Servicing: Volvo
 Grooves 6, Pulley SP/FW, Fan IF
 mm



115528 Alternator 14 V, 140 Amp
 Manufacturer: Valeo
 Replacing: 0124525543, 0124525188
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 116345
 mm



115532 Alternator 14 V, 180 Amp
 Replacing: 0121715114, 0121715107, 0121715014, 0121715007, 0121715006
 Servicing: Mercedes-Benz
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 32.00 B: 70.00 C: 56.00 mm



115541 Alternator 14 V, 150 Amp
 Replacing: 0124525063
 Servicing: Citroen, Peugeot
 Grooves 6, Length 178.00, Pulley SP, Fan IF
 A: 42.00 B: 21.00 C: 45.00 mm



115544 Alternator 14 V, 150 Amp
 Replacing: 0121615121, 0121615021
 Servicing: Ford, Land Rover
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 46.00 mm



115545 Alternator 14 V, 200 Amp
 Replacing: 0124625059
 Servicing: New Holland
 Terminal W, Length 230.00, Pulley w/o, Fan IF
 B: 14.00 C: 107.00 mm



115557 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0124655097, 0124655038, 0124655023
 Servicing: Mercedes-Benz
 Terminal W, Length 197.00, Pulley w/o, Fan IF
 Alternative no.: 113351, CA1739IR
 B: 80.00 mm



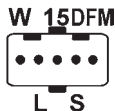
115576 Alternator 14 V, 150 Amp
 Replacing: 0125711134, 0125711133, 0125711104, 0125711103, 0125711046, 0125711005
 Servicing: Ford
 Grooves 7, Length 199.00, Pulley SP/FW, Fan IF
 A: 43.50 B: 97.00 C: 74.00 mm



115606 Alternator 14 V, 150 Amp
 Replacing: 0125711048, 0125711014, 0121615114, 0121615014
 Servicing: Changan Ford Mazda, Ford, Volvo
 Grooves 5, Length 170.00, Pulley SP/FW, Fan IF
 A: 34.00 B: 33.00 C: 91.00 mm



115617 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0124655039, 0124655037, 0124655036, 0124655003
 Servicing: Bova, DAF, Solaris
 Pulley w/o, Fan IF
 Alternative no.: 115618, CA1693IR
 B: 80.00 mm



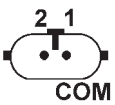
115618 Alternator 28 V, 100 Amp
 Replacing: 0124655039, 0124655037, 0124655036, 0124655003
 Servicing: Bova, DAF, Solaris
 Length 193.00, Pulley w/o, Fan IF
 Alternative no.: 115617
 B: 80.10 mm



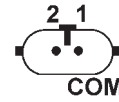
115619 Alternator 14 V, 120 Amp
 Replacing: 0124515004, 0124425027, 0124425009, 0124425006
 Servicing: Holden, Opel, Saab, Vauxhall
 Grooves 5, Pulley SP, Fan IF
 A: 54.50 B: 33.50 C: 59.00 mm



115621 Alternator 14 V, 110 Amp
 Replacing: 0124325129, 0124325096, 0124325091
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 Alternative no.: CA1818IR
 A: 39.00 B: 14.00 C: 60.50 mm



115648 Alternator 14 V, 85 Amp
 Manufacturer: Bosch
 Replacing: 0124225056
 Servicing: Renault
 Grooves 4, Length 177.00, Pulley SP, Fan IF
 Alternative no.: CA2066IR
 A: 54.00 B: 27.00 C: 66.00 mm



115649 Alternator 14 V, 150 Amp
 Replacing: 0124525538, 0124525151, 0124525101
 Servicing: Renault
 Grooves 7, Length 193.00, Pulley SP, Fan IF
 A: 33.00 B: 14.00 C: 61.00 mm



115652 Alternator 14 V, 70 Amp
 Replacing: 0123110007
 Servicing: Nissan
 Grooves 6, Pulley SP, Fan IF
 A: 38.00 mm



115658 Alternator 14 V, 110 Amp
 Replacing: 0124325158, 0124325157
 Servicing: Mini
 Grooves 6, Pulley SP, Fan IF
 A: 19.50 B: 81.50 C: 43.50 mm



115671 Alternator 14 V, 180 Amp
 Replacing: 0121715124, 0121715024
 Servicing: Land Rover, Volvo
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 21.00 C: 47.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



115673 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 01220AA3D0, 01220AA0D0
 Servicing: Mercedes-Benz
 Grooves 6, Length 248.00, Pulley SP/FW,
 Fan w/o
Water cooled.
 Alternative no.: 112428, CA1634IR
 A: 41.00 B: 90.15 C: 146.00 mm



115677 Alternator 14 V, 120 Amp
 Replacing: 0124515105
 Servicing: BMW
 Grooves 6, Length 190.00, Pulley SP,
 Fan IF
 A: 69.00 B: 28.00 C: 76.80 mm



115678 Alternator 14 V, 150 Amp
 Replacing: 0124525057, 0124525056
 Servicing: Porsche
 Grooves 6, Length 184.00, Pulley SP/FW,
 Fan IF
 A: 32.00 B: 14.00 C: 82.00 mm



115695 Alternator 14 V, 110 Amp
 Replacing: F000BL06A0, F000BL0636
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 163.00, Pulley SP,
 Fan IF
 A: 30.00 B: 14.50 C: 61.00 mm



115707 Alternator 14 V, 110 Amp
 Manufacturer: Valeo
 Replacing: 0124325190
 Servicing: Audi, VW
 Grooves 6, Length 190.70, Pulley SP/FW,
 Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



115708 Alternator 14 V, 160 Amp
 Manufacturer: Bosch
 Replacing: 0124625025, 0124625024
 Servicing: Volvo
 Grooves 6, Length 198.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 116352
 A: 45.50 B: 20.00 C: 82.00 mm



115709 Alternator 14 V, 160 Amp
 Replacing: 0124625003
 Servicing: Volvo
 Grooves 6, Length 192.00, Pulley SP/FW,
 Fan IF
 A: 45.00 B: 20.00 C: 82.00 mm



115712 Alternator 14 V, 180 Amp
 Replacing: 0125811028, 0125811027,
 0121715171, 0121715071
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 193.00, Pulley SP/
 FW, Fan IF
 A: 39.50 B: 14.35 C: 64.10 mm



115714 Alternator 14 V, 110 Amp
 Replacing: 0124325142
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 197.00, Pulley SP/FW,
 Fan IF
 A: 40.00 B: 14.00 C: 62.00 mm



115716 Alternator 14 V, 150 Amp
 Replacing: 0124525536, 0124525207,
 0124525136, 0124525070
 Servicing: Dacia, Renault
 Grooves 6, Length 195.00, Pulley SP,
 Fan IF
 A: 38.50 B: 14.50 C: 61.20 mm



115718 Alternator 14 V, 140 Amp
 Replacing: 0124525119
 Servicing: Case
 Grooves 8, Pulley SP, Fan IF
 A: 37.50 B: 14.00 C: 80.00 mm



115730 Alternator 14 V, 140 Amp
 Replacing: 0124525146
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 195.00, Pulley SP/FW,
 Fan IF
 A: 39.50 B: 14.10 C: 61.00 mm



LIN



115739 Alternator 14 V, 180 Amp
 Manufacturer: Bosch
 Replacing: 0125811029, 0125811021
 Servicing: Citroen, Peugeot
 Grooves 6, Length 186.00, Pulley SP/FW,
 Fan IF
 A: 43.00 B: 96.80 C: 74.00 mm



LIN-2



115746 Alternator 14 V, 90 Amp
 Replacing: 0124225058
 Servicing: Smart (MCC)
 Grooves 5, Length 174.00, Pulley SP,
 Fan IF
 A: 90.50 B: 58.20 mm



COM



115753 Alternator 14 V, 180 Amp
 Replacing: 0121715102, 0121715002
 Servicing: Volvo
 Grooves 6, Length 170.00, Pulley SP,
 Fan IF
 A: 23.50 B: 70.75 C: 85.00 mm



COM



115759 Alternator 14 V, 150 Amp
 Replacing: 0125711054, 0125711028
 Servicing: Mercedes-Benz
 Grooves 5, Length 175.00, Pulley SP,
 Fan IF
 A: 32.50 B: 15.10 C: 51.00 mm



L DFM



115763 Alternator 14 V, 150 Amp
 Replacing: 0124615021
 Servicing: Audi, VW
 Grooves 5, Length 199.40, Pulley SP/FW,
 Fan IF
 A: 30.20 B: 14.20 C: 60.70 mm



L DFM



115764 Alternator 14 V, 90 Amp
 Replacing: 0124515067, 0124325141
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 194.00, Pulley SP/FW,
 Fan IF
 A: 40.00 B: 14.00 C: 62.00 mm



L DFM



115765 Alternator 14 V, 140 Amp
 Replacing: 0124525545, 0124525222,
 0124525221, 0124525201
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.00, Pulley SP/FW,
 Fan IF
 A: 30.00 B: 15.00 C: 61.20 mm



LIN-2



115767 Alternator 14 V, 140 Amp
 Replacing: 0124525544, 0124525223,
 0124525220, 0124525200
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.00, Pulley SP/FW,
 Fan IF
 A: 30.50 B: 14.50 C: 61.00 mm



COM



115804 Alternator 14 V, 180 Amp
 Replacing: 0121715116, 0121715016
 Servicing: BMW
 Grooves 7, Length 178.00, Pulley SP/FW,
 Fan IF
 A: 30.00 B: 62.50 C: 40.80 mm

W 15DFM



L S



115805 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655292, 0124655291,
 0124655073
 Servicing: Mercedes-Benz
 Length 198.00, Pulley w/o, Fan IF
 Alternative no.: 116457
 B: 80.20 mm

CM LS S1



COM S



115808 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655161, 0124655125
 Servicing: Mercedes-Benz
 Terminal W, Pulley w/o, Fan IF
 B: 77.70 mm

W 15DFM



L S



115824 Alternator 28 V, 120 Amp
 Replacing: 0124655334, 0124655333,
 0124655024
 Servicing: Volvo
 Grooves 8, Length 220.00, Pulley SP,
 Fan IF
 A: 45.00 B: 13.60 C: 107.00 mm



115835 Alternator 14 V, 120 Amp
 Replacing: 0124515073, 0124515072
 Servicing: Porsche
 Grooves 6, Length 187.00, Pulley SP/FW, Fan IF
 A: 32.00 B: 14.00 C: 82.00 mm



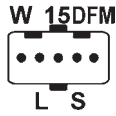
115837 Alternator 14 V, 70 Amp
 Replacing: 0123310052
 Servicing: Ford, Nissan
 Terminal W, Grooves 1, Length 183.00, Pulley P, Fan IF
Like HC-CARGO 111980, but w/ W terminal.
 A: 42.00 B: 13.00 C: 80.50 mm



115843 Alternator 14 V, 120 Amp
 Replacing: 0124425060
 Servicing: Opel, Vauxhall
 Grooves 5, Length 185.00, Pulley SP/FW, Fan IF
 A: 64.00 B: 23.00 C: 57.00 mm



115844 Alternator 14 V, 130 Amp
 Replacing: 0124615055, 0123510073
 Servicing: Land Rover
 Grooves 7, Length 189.00, Pulley SP, Fan IF
 A: 83.00 B: 56.00 mm



115845 Alternator 28 V, 100 Amp
 Replacing: 0124655013
 Servicing: John Deere
 Grooves 8, Length 216.00, Pulley SP, Fan IF
 A: 44.50 B: 13.50 C: 106.00 mm



115846 Alternator 14 V, 120 Amp
 Replacing: 0124425015
 Servicing: Opel, Vauxhall
 Grooves 5, Length 192.00, Pulley SP/FW, Fan IF
 A: 69.00 B: 33.50 mm



115847 Alternator 14 V, 150 Amp
 Replacing: 0121615107, 0121615007
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 40.80 B: 70.00 C: 74.00 mm



115867 Alternator 14 V, 150 Amp
 Replacing: 0124525561, 0124525059, 0124525045, 0124525042, 0124325099, 0124325062, 0124325030
 Servicing: BMW
 Grooves 6, Length 196.00, Pulley SP/FW, Fan IF
 Alternative no.: 113871 CA1774IR
 A: 29.50 B: 62.50 C: 41.50 mm



115871 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: 0123525502
 Servicing: Iveco
 Grooves 12, Length 204.00, Pulley SP, Fan IF
 Alternative no.: 112427, CA1633IR
 A: 90.00 B: 58.00 mm



115873 Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: 0120489336, 0120488284
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 172.00, Pulley P, Fan EF
 Alternative no.: 111418, CA642IR
 A: 49.00 B: 17.00 C: 65.00 mm



115879 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: 0123525503, 0123525500
 Servicing: Iveco
 Grooves 10, Length 196.00, Pulley SP, Fan IF
 Alternative no.: 113923, CA2040IR
 A: 90.00 B: 58.00 mm



115904 Alternator 14 V, 155 Amp
 Replacing: 0124525083
 Servicing: BMW, Brilliance BMW
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 Alternative no.: CA2009IR
 A: 8.50 B: 63.00 C: 41.00 mm



115905 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124525055, 0124525054
 Servicing: Beijing Benz (BBDC), Mercedes-Benz
 Grooves 6, Pulley SP, Fan IF
 Alternative no.: CA1908IR



115906 Alternator 14 V, 180 Amp
 Replacing: 0121715151, 0121715051, 0121715041
 Servicing: Audi
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 A: 30.00 B: 13.00 C: 61.00 mm



115907 Alternator 14 V, 140 Amp
 Replacing: 0124525019
 Servicing: Saab
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 A: 60.00 B: 33.50 C: 56.90 mm



115908 Alternator 14 V, 150 Amp
 Replacing: 0121615132, 0121615032
 Servicing: Changan Volvo, Volvo
 Grooves 6, Length 199.00, Pulley SP/FW, Fan IF
 A: 55.00 B: 34.00 C: 58.00 mm



115909 Alternator 14 V, 220 Amp
 Replacing: 0121813005
 Servicing: Mercedes-Benz
 Grooves 8, Length 191.00, Pulley SP/FW, Fan IF
 A: 40.00 B: 90.20 C: 52.00 mm



115910 Alternator 14 V, 180 Amp
 Replacing: 0121715180, 0121715176, 0121715080, 0121715076
 Servicing: Audi
 Grooves 6, Length 179.00, Pulley SP, Fan IF
 A: 30.00 B: 14.50 C: 62.30 mm



115952 Alternator 14 V, 90 Amp
 Replacing: 0124225064
 Servicing: Smart (MCC)
 Grooves 5, Length 190.00, Pulley SP/FW, Fan IF
 A: 90.50 B: 58.00 mm



115955 Alternator 14 V, 150 Amp
 Replacing: 0124525130
 Servicing: Fiat
 Grooves 7, Length 191.00, Pulley SP, Fan IF
 A: 41.30 B: 14.00 C: 80.00 mm



115963 Alternator 14 V, 90 Amp
 Replacing: 0124225063
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 196.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1862IR, 113722
 A: 41.00 B: 64.20 C: 55.00 mm



115966 Alternator 14 V, 150 Amp
 Replacing: 0121615111, 0121615011
 Servicing: Land Rover, Volvo
 Length 170.00, Pulley FW, Fan IF
 B: 77.00 C: 36.00 mm



115976 Alternator 14 V, 150 Amp
 Replacing: 0124525080, 0124525026
 Servicing: BMW
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 Alternative no.: CA1825IR, 113858
 A: 68.50 B: 28.00 C: 75.00 mm



115987 Alternator 14 V, 143 Amp
 Replacing: 0986043130, 0986041060, 0124615053, 0123510075, 0123510074, 0123510060
 Servicing: Fendt
 Length 184.00, Pulley w/o, Fan IF
 Bosch Type.
 Alternative no.: 112196 , CA1480IR
 B: 56.00 mm



116012 Alternator 14 V, 150 Amp
 Replacing: 0121615110, 0121615010
 Servicing: BMW
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 30.00 B: 63.00 C: 41.00 mm



116017 Alternator 14 V, 90 Amp
 Replacing: 0124325020
 Servicing: VW
 Grooves 6, Length 182.00, Pulley SP/FW, Fan IF
 A: 33.00 B: 13.50 C: 82.00 mm

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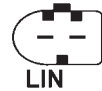


116035 Alternator 14 V, 150 Amp
 Replacing: F000BL0778, F000BL0777
 Servicing: Iveco
 Grooves 6, Pulley SP/FW, Fan IF

116038 Alternator 14 V, 180 Amp
 Replacing: 0121715103, 0121715047, 0121715003
 Servicing: Dodge, VW
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.20 C: 61.00 mm



116047 Alternator 14 V, 110 Amp
 Replacing: 0124325178
 Servicing: LDV
 Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 Alternative no.: 114019
 A: 39.00 B: 14.00 C: 61.10 mm



116057 Alternator 14 V, 220 Amp
 Replacing: 0121813114, 0121813014
 Servicing: Mercedes-Benz
 Grooves 7, Length 186.00, Pulley SP, Fan IF
 A: 31.50 B: 70.00 C: 56.00 mm



116060 Alternator 14 V, 180 Amp
 Replacing: 0121715115, 0121715015, 0121715011
 Servicing: Mercedes-Benz
 Grooves 7, Length 183.00, Pulley SP/FW, Fan IF
 Alternative no.: 114380
 A: 31.00 B: 70.00 C: 56.00 mm



116061 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0125711132, 0125711131, 0125711102, 0125711101, 0125711058, 0125711001
 Servicing: Citroen, Ford, Peugeot
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 115461
 A: 43.20 B: 92.50 C: 73.75 mm



116063 Alternator 28 V, 140 Amp
 Replacing: 1986A00004, 0120689587, 0120689574, 0120689571, 0120689535, 0120689530
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/o bushing in rear brackethole.
 Alternative no.: 111833
 B: 15.70 C: 182.00 mm



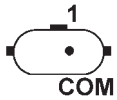
116075 Alternator 14 V, 60 Amp
 Replacing: 0123105003, 0123105002
 Servicing: BMW
 Length 162.50, Pulley w/o, Fan IF
 B: 10.00 mm



116080 Alternator 14 V, 220 Amp
 Replacing: 0121813120, 0121813020
 Servicing: Mercedes-Benz
 Grooves 7, Length 189.60, Pulley SP/FW, Fan IF
 Regulator F00M346081 = HC-CARGO 235822.
 A: 31.50 B: 70.00 C: 56.00 mm



116081 Alternator 14 V, 220 Amp
 Replacing: 0121813101, 0121813001
 Servicing: Mercedes-Benz
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 Regulator F00M346081 = HC-CARGO 235822.
 A: 31.50 B: 70.00 C: 56.00 mm



116095* Alternator 14 V, 90 Amp
 Replacing: F000BLO4C4, F000BLO4C3, F000BLO410
 Servicing: Dacia, Renault, Smart (MCC)
 Grooves 7, Length 179.00, Pulley SP/
 FW, Fan IF
 A: 32.30 B: 14.50 C: 61.00 mm



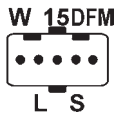
116098 Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655102, 0124655057
 Servicing: Volvo
 Grooves 8, Length 225.00, Pulley SP,
 Fan IF
 Alternative no.: 116433
 A: 44.50 B: 13.50 C: 107.00 mm



116100 Alternator 14 V, 220 Amp
 Replacing: 0121813102, 0121813002
 Servicing: Mercedes-Benz
 Grooves 7, Length 190.00, Pulley SP,
 Fan IF
 A: 32.20 B: 70.00 C: 56.00 mm



116101 Alternator 14 V, 220 Amp
 Replacing: 0121813106, 0121813006
 Servicing: Mercedes-Benz
 Grooves 6, Length 182.50, Pulley SP,
 Fan IF
 A: 32.00 B: 70.00 C: 56.00 mm



116116 Alternator 28 V, 80 Amp
 Manufacturer: Bosch
 Replacing: 0124555006
 Servicing: DAF
 Grooves 8, Length 194.00, Pulley SP, Fan IF
 Alternative no.: 114036, CA2117IR
 A: 37.00 B: 14.00 C: 80.00 mm



116117 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: 0124655006
 Servicing: DAF
 Terminal W, Grooves 8, Length 197.00,
 Pulley SP, Fan IF
 Alternative no.: 116118
 A: 37.00 B: 14.00 C: 80.50 mm



116118 Alternator 28 V, 100 Amp
 Replacing: 0124655006
 Servicing: DAF
 Grooves 8, Length 193.00, Pulley SP, Fan IF
 Alternative no.: 116117
 A: 37.00 B: 14.00 C: 81.00 mm



116120 Alternator 14 V, 180 Amp
 Replacing: 0121715112, 0121715012
 Servicing: BMW
 Grooves 6, Length 180.00, Pulley SP/
 FW, Fan IF
 Alternative no.: 116121
 A: 30.50 B: 62.80 C: 41.00 mm



116121 Alternator 14 V, 180 Amp
 Manufacturer: Bosch
 Replacing: 0121715112, 0121715012
 Servicing: BMW
 Grooves 6, Length 175.00, Pulley SP/
 FW, Fan IF
 Alternative no.: 116120
 A: 30.50 B: 62.80 C: 41.00 mm



116129 Alternator 14 V, 90 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 0986046000, 0986041040,
 0986038176, 0986038170, 0123335003,
 0123320061, 0123320045, 0123320010
 Servicing: Daewoo, John Deere, Mercedes-
 Benz, Ssangyong
 Terminal W, Length 185.00, Pulley SP,
 Fan IF
 Alternative no.: 112529
 B: 56.00 mm



116131 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 0120339536, 0120339521
 Servicing: Agrifull, Arona, Case, Ferrari,
 Goldoni, Lombardini
 Grooves 1, Length 164.00, Pulley P,
 Fan EF
 Alternative no.: 111662
 A: 79.80 B: 56.00 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 0986030120, 0120339528, 0120339527, 0120339516, 0120339515
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



116165 Alternator 14 V, 90 Amp
 Replacing: 0124325072
 Servicing: BMW
 Grooves 6, Length 187.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1654IR
 A: 30.50 B: 63.00 C: 40.40 mm



116169 Alternator 14 V, 183 Amp
 Replacing: F00E100028, 0121715118, 0121715018
 Servicing: BMW
 Grooves 7, Length 179.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 62.70 C: 40.80 mm



116170 Alternator 14 V, 120 Amp
 Replacing: 0124515042, 0124515015, 0124515001
 Servicing: Porsche, Scania
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 31.70 B: 14.00 C: 81.80 mm



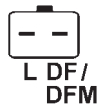
116171 Alternator 14 V, 150 Amp
 Replacing: 0399604023, 0124525171
 Servicing: Mercedes-Benz, Mercedes-Benz (BBDC)
 Grooves 6, Length 196.00, Pulley SP, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



116172 Alternator 14 V, 150 Amp
 Replacing: 0124615009
 Servicing: Audi
 Grooves 6, Length 197.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1769IR
 A: 28.50 B: 70.00 C: 56.00 mm



116173 Alternator 14 V, 150 Amp
 Replacing: 0124615026
 Servicing: Porsche, VW
 Grooves 7, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: CA1749IR
 A: 30.00 B: 14.00 C: 61.00 mm



116174 Alternator 14 V, 90 Amp
 Replacing: F000BL0456, F000BL0407
 Servicing: Dacia, Renault
 Grooves 6, Length 173.50, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.50 C: 61.00 mm



116175 Alternator 14 V, 90 Amp
 Replacing: F000BL04M7, F000BL0408
 Servicing: Renault
 Grooves 6, Length 173.50, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 61.00 mm



116176 Alternator 14 V, 110 Amp
 Replacing: F000BL07R9, F000BL0707
 Servicing: Fiat, Iveco
 Grooves 7, Length 181.50, Pulley SP, Fan IF
 A: 41.50 B: 14.00 C: 80.20 mm



116177 Alternator 14 V, 150 Amp
 Replacing: F000BL07N9, F000BL0704
 Servicing: Fiat, Iveco
 Grooves 6, Pulley w/o, Fan IF
 Alternative no.: 115458

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116195* Alternator 14 V, 180 Amp
 Replacing: 0125811035, 0125811008
 Servicing: Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF



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NEW PRODUCT

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116197* Alternator 14 V, 120 Amp
 Replacing: 0124425040, 0124425033
 Servicing: Saab
 Grooves 5, Length 189.50, Pulley SP/FW, Fan IF
 Alternative no.: CA1916IR
 A: 32.50 B: 79.00 C: 56.00 mm

NEW PRODUCT
www.hc-cargo.com

116198* Alternator 12 V, 180 Amp
 Replacing: 0121715117, 0121715017
 Grooves 7, Pulley SP/FW, Fan IF
 Alternative no.: CA2035IR



116199 Alternator 14 V, 140 Amp
 Replacing: 0124525143
 Servicing: Saab
 Grooves 6, Length 219.00, Pulley SP/FW, Fan IF
 A: 118.00 B: 56.00 mm



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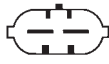


116200* Alternator 14 V, 110 Amp
 Replacing: F000BL07K9, F000BL0706
 Servicing: Fiat, Iveco
 Grooves 6, Length 180.50, Pulley SP/FW, Fan IF
 A: 37.50 B: 14.00 C: 80.20 mm

NEW PRODUCT

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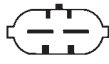
116201* Alternator 12 V, 150 Amp
 Replacing: 0125711090, 0125711051, 0125711044, 0121711090, 0121711051
 Grooves 6, Pulley SP/FW, Fan IF



DFM L



116202 Alternator 14 V, 120 Amp
 Replacing: 0124425087
 Servicing: Opel, Vauxhall
 Grooves 5, Length 188.50, Pulley SP/FW, Fan IF
 A: 55.00 B: 33.50 C: 59.00 mm



DFM L



116203 Alternator 14 V, 100 Amp
 Replacing: 0124425085
 Servicing: Opel, Vauxhall
 Grooves 5, Length 188.50, Pulley SP/FW, Fan IF
 A: 55.00 B: 33.00 C: 59.00 mm

NEW PRODUCT

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116204* Alternator 12 V, 90 Amp
 Replacing: F000BL04A0, F000BL0425
 Grooves 6, Pulley SP, Fan IF



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NEW PRODUCT
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116205* Alternator 12 V, 90 Amp
 Replacing: F000BL04DB, F000BL0458
 Servicing: Renault
 Grooves 3, Pulley SP/FW, Fan IF

NEW PRODUCT

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116225* Alternator 12 V, 150 Amp
 Replacing: F000BL08D0, F000BL08A5, F000BL0841, F000BL0814
 Servicing: Fiat, Nissan, Opel, Renault, Vauxhall
 Grooves 7, Pulley SP/FW, Fan IF



COM



116232* Alternator 14 V, 110 Amp
 Replacing: F000BL0664, F000BL0603
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 174.40, Pulley SP/FW, Fan IF
 A: 29.00 B: 14.50 C: 60.60 mm

NEW PRODUCT

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116233* Alternator 12 V, 150 Amp
 Replacing: 0124525138, 0124525078
 Servicing: Renault
 Grooves 6, Pulley SP, Fan IF



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116235* Alternator 12 V, 140 Amp
 Replacing: F000BL0830, F000BL0805
 Servicing: Seat
 Grooves 6, Pulley SP/FW, Fan IF

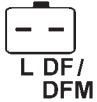


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116290 Alternator 14 V, 210 Amp
 Manufacturer: Bosch
 Replacing: 0125812012, 0125812009
 Servicing: Volvo
 Grooves 6, Pulley SP, Fan IF



116299 Alternator 14 V, 90 Amp
 Replacing: F000BL0457
 Servicing: Dacia, Renault
 Grooves 3, Length 170.90, Pulley SP/
 FW, Fan IF
 A: 47.50 B: 14.00 C: 61.00 mm

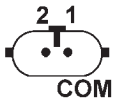


NEW PRODUCT
www.hc-cargo.com

116321 Alternator 14 V, 150 Amp
 Replacing: F000BL07P9, F000BL0705
 Servicing: Fiat, Iveco
 Grooves 7, Length 181.20, Pulley SP,
 Fan IF
 Alternative no.: 115455
 A: 40,60 B: 13,50 C: 81.30 mm

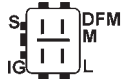
NEW PRODUCT
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116322* Alternator 14 V, 120 Amp
 Replacing: 0124515198, 0124515088
 Servicing: Mercedes-Benz
 Alternative no.: 113877



NEW PRODUCT
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116323* Alternator 14 V, 150 Amp
 Replacing: 0124525534, 0124525139,
 0124525081
 Servicing: Dacia, Renault
 Grooves 6, Length 197.00, Pulley SP/
 FW, Fan IF
 Alternative no.: 114721
 A: 38.60 B: 14.40 C: 60.50 mm



116332 Alternator 14 V, 90 Amp
 Replacing: 0124325080, 0124325079
 Servicing: Toyota
 Grooves 6, Length 163.00, Pulley SP,
 Fan IF
 Alternative no.: 114709
 A: 34.50 C: 40.00 mm



NEW PRODUCT
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116334* Alternator 14 V, 120 Amp
 Replacing: 0124515080, 0124515005
 Servicing: Opel, Vauxhall
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 Alternative no.: 112415
 A: 52.00 B: 34.00 C: 57.00 mm



116337 Alternator 14 V, 120 Amp
 Replacing: 0124515059, 0124515053
 Servicing: Audi, Seat
 Grooves 6, Length 200.00, Pulley SP/
 FW, Fan IF
 Alternative no.: 113878
 A: 29.00 B: 70.00 C: 55.80 mm



116343 Alternator 14 V, 90 Amp
 Replacing: 0124325006
 Servicing: 0124325006, Chrysler, Honda
 Grooves 6, Length 181.00, Pulley SP,
 Fan IF
 Alternative no.: 112073
 A: 91.50 mm

NEW PRODUCT
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116345* Alternator 14 V, 140 Amp
 Replacing: 0124525543, 0124525188
 Servicing: Audi, Seat, Skoda, VW
 Alternative no.: 115528



116352 Alternator 14 V, 160 Amp
 Replacing: 0124625025, 0124625024
 Servicing: Volvo
 Grooves 6, Length 196.00, Pulley SP/
 FW, Fan IF
 Alternative no.: 115708
 A: 44.00 B: 20.00 C: 82.00 mm



116354* Alternator 14 V, 140 Amp
 Replacing: 0124525531, 0124525116
 Servicing: Audi
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 Alternative no.: 114780
 A: 30.30 B: 14.50 C: 62.10 mm

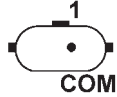


116361 Alternator 14 V, 105 Amp
 Replacing: F002G10862
 Servicing: Johnston, VM (Stabilimenti Mec)
 Grooves 6, Length 248.50, Pulley SP/
 FW, Fan IF
 Alternative no.: 114383
 A: 39.90 B: 14.00 mm



NEW PRODUCT
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116380* Alternator 14 V, 140 Amp
 Replacing: 0124525530, 0124525114
 Grooves 6, Pulley SP/FW, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



NEW PRODUCT
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116381* Alternator 14 V, 150 Amp
 Replacing: F000BL08E0, F000BL0825
 Servicing: Nissan, Renault
 Grooves 6, Pulley SP/FW, Fan IF

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116383* Alternator
 Replacing: F000BL08A1, F000BL0802, F000BL0801
 Servicing: Seat, Skoda, VW

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116387* Alternator
 Replacing: F000BL0829, F000BL0803
 Servicing: Seat, VW



NEW PRODUCT
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116433* Alternator 28 V, 150 Amp
 Replacing: 0124655102, 0124655057
 Servicing: Volvo
 Grooves 8, Length 225.00, Pulley SP, Fan IF
 Alternative no.: 116098
 A: 44.50 B: 13.50 C: 107.00 mm



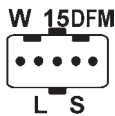
NEW PRODUCT
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116438* Alternator 14 V, 180 Amp
 Replacing: 0121715177, 0121715077
 Servicing: Audi, VW
 Grooves 6, Pulley SP/FW, Fan IF



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116441* Alternator 14 V, 150 Amp
 Replacing: 0121615009
 Servicing: Ford
 Grooves 6, Length 170.00, Pulley SP/ FW, Fan IF
 Alternative no.: CA1970IR
 A: 42.90 B: 21.00 C: 46.50 mm



NEW PRODUCT
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116459* Alternator 28 V, 120 Amp
 Manufacturer: Bosch
 Replacing: 0124655244, 0124655243
 Servicing: MAN
 Pulley w/o, Fan IF

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116462* Alternator 28 V, 150 Amp
 Manufacturer: Bosch
 Replacing: 0124655160, 0124655124
 Pulley w/o, Fan IF



115319 Alternator 14 V, 45 Amp
Replacing: 825577
Servicing: Briggs & Stratton
Pulley w/o, Fan IF
B: 21.00 mm



110077 Alternator 14 V, 50 Amp
 Manufacturer: Mahle Letrika
 Replacing: 860150, 858885
 Servicing: Case, Citroen, Deutz-Fahr, Fendt, Goldoni, Opel, Peugeot, Vauxhall
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 78.50 B: 56.00 mm



110113 Alternator 28 V, 27 Amp
 Replacing: 857479, 857475
 Servicing: Mercedes-Benz
 Length 165.00, Pulley w/o, Fan EF
 B: 80.00 mm



110116 Alternator 28 V, 35 Amp
 Replacing: 860155, 859020, 858773
 Servicing: DAF, Ford, MAN
 Terminal W, Length 180.00, Pulley w/o, Fan w/o
 B: 80.00 mm



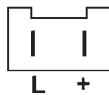
110173 Alternator 28 V, 75 Amp
 Replacing: LNA7524/1, LNA7524, 859866Z
 Servicing: Clark, DAF
 Length 246.00, Pulley w/o, Fan EF
 B: 14.50 C: 101.50 mm



110175 Alternator 28 V, 100 Amp
 Replacing: 859490PB
 Servicing: Volvo Penta
 Length 249.00, Pulley w/o, Fan EF
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.
 B: 14.75 C: 103.00 mm



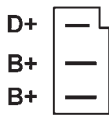
110176 Alternator 28 V, 175 Amp
 Replacing: 859477PB, 859477B
 Servicing: Volvo Penta
 Terminal W, Length 278.00, Pulley w/o, Fan EF
 B: 14.75 C: 101.50 mm



110889 Alternator 14 V, 75 Amp
 Replacing: 860140
 Servicing: Renault, Renault V.I.
 Terminal W, Grooves 1, Length 176.50, Pulley P, Fan EF
 A: 57.90 B: 26.90 C: 69.00 mm



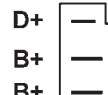
110895 Alternator 28 V, 55 Amp
 Replacing: 859820
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong
 Terminal W, Length 196.50, Pulley w/o, Fan EF
 B: 80.00 mm



110968 Alternator 14 V, 70 Amp
 Replacing: 858787
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P, Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 Alternative no.: CA1459IR
 A: 34.00 B: 11.00 C: 82.00 mm



111295 Alternator 28 V, 55 Amp
 Replacing: LNA5524/7, LNA5524/3, LNA5524/2, LNA5524/1, LNA5524/0, A5524/58, A5524/56, A5524/46, A5524/37
 Servicing: Cummins, Perkins
 Terminal W, Length 188.60, Pulley w/o, Fan EF
 Shaft dia. 19.00 mm.
 B: 76.25 mm



111355 Alternator 14 V, 65 Amp
 Replacing: 858776
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra
 Terminal W, Grooves 1, Length 163.50, Pulley P, Fan EF
 A: 37.00 B: 11.50 C: 81.00 mm



111568 Alternator 14 V, 85 Amp
 Replacing: 859023
 Servicing: Citroen, Fiat
 Grooves 6, Length 200.50, Pulley SP, Fan IF
 A: 41.00 B: 17.00 C: 82.00 mm



111629 Alternator 28 V, 120 Amp
 Replacing: 860170, 860166
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Length 310.50, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A.
 B: 15.00 C: 180.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

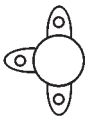
* Available while stock last, * Program development.



111746 Alternator 28 V, 80 Amp
 Replacing: 860551
 Servicing: Volvo
 Terminal W, Length 189.00, Pulley w/o, Fan EF
 B: 14.50 C: 103.50 mm



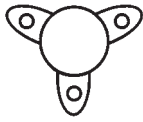
111834 Alternator 28 V, 55 Amp
 Replacing: 858882
 Servicing: Scania
 Terminal W, Length 180.00, Pulley w/o, Fan EF
Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 860306
 Servicing: Scania
 Terminal W, Length 190.00, Pulley w/o, Fan w/o
 B: 23.25 C: 68.70 mm



112076 Alternator 28 V, 80 Amp
 Replacing: 860560, 860134
 Servicing: Iveco, Renault V.I., Scania
 Terminal W, Length 183.00, Pulley w/o, Fan EF
 B: 27.00 C: 71.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: 860558, 860151
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.
 Terminal W, Length 186.00, Pulley w/o, Fan EF
 B: 80.40 mm



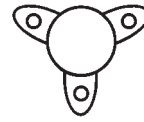
112343 Alternator 28 V, 140 Amp
 Replacing: 860138
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Length 304.50, Pulley w/o, Fan EF
B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



112345 Alternator 28 V, 55 Amp
 Replacing: 860135, 858880
 Servicing: Volvo
 Terminal W, Length 179.50, Pulley w/o, Fan w/o
 B: 51.50 mm



112493 Alternator 28 V, 65 Amp
 Replacing: 860568
 Servicing: Case
 Terminal W, Length 232.00, Pulley w/o, Fan EF
 B: 14.00 C: 100.00 mm



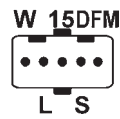
112561 Alternator 28 V, 80 Amp
 Replacing: 860559
 Servicing: Mercedes-Benz
 Terminal W, Length 188.00, Pulley w/o, Fan EF
 B: 80.00 mm



112757 Alternator 28 V, 55 Amp
 Replacing: 860157
 Servicing: Scania, Volvo
 Terminal W, Length 185.00, Pulley w/o, Fan EF
Bosch 0 120 469 963 = Insulated, HC-CARGO 112757 is not insulated.
 B: 27.50 C: 68.00 mm



112803 Alternator 28 V, 80 Amp
 Replacing: 860562, 859983
 Servicing: Volvo
 Terminal W, Length 181.50, Pulley w/o, Fan EF
 B: 51.00 mm



114296 Alternator 28 V, 90 Amp
 Replacing: 860810
 Servicing: Ginaf, Iveco
 Grooves 8, Pulley SP, Fan IF
 Alternative no.: 115489
 A: 37.00 B: 14.00 C: 81.00 mm



110112 Alternator 28 V, 40 Amp
 Replacing: 2998054
 Servicing: Volvo, Volvo Penta
 Terminal W, Length 175.50, Pulley w/o, Fan w/o
 B: 51.00 mm



110116 Alternator 28 V, 35 Amp
 Replacing: 2998055
 Servicing: DAF, Ford, MAN
 Terminal W, Length 180.00, Pulley w/o, Fan w/o
 B: 80.00 mm



111295 Alternator 28 V, 55 Amp
 Replacing: AC5RS-24, 1268690, 1268660, 1268650, 1268630M, 1268620, 1268610, 1268600M, 1268590M, 1268590C
 Servicing: Cummins, Perkins
 Terminal W, Length 188.60, Pulley w/o, Fan EF
 Shaft dia. 19.00 mm.
 B: 76.25 mm



111578 Alternator 14 V, 60 Amp
 Replacing: S11524-18X
 Servicing: Honda, Rover
 Grooves 3, Length 153.00, Pulley SP, Fan IF
 A: 89.50 B: 58.25



111629 Alternator 28 V, 120 Amp
 Replacing: 1277640
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Length 310.50, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A.
 B: 15.00 C: 180.00 mm



111833 Alternator 28 V, 140 Amp
 Replacing: 1277670
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/ bushing in rear brackethole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111842 Alternator 28 V, 140 Amp
 Replacing: 1277720, 1277690
 Servicing: Ikarus, Iveco, MAN, Mercedes-Benz, Neoplan
 Terminal W, Length 313.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 2998230
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112343 Alternator 28 V, 140 Amp
 Replacing: 1277680
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Length 304.50, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



116063 Alternator 28 V, 140 Amp
 Replacing: 1277670
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/o bushing in rear brackethole.
 Alternative no.: 111833
 B: 15.70 C: 182.00 mm



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116325* Alternator 14 V, 125 Amp
 Replacing: S115A12-1, CA45G12-51, CA45F12-Y81, CA45D12-Y51, 1320F022, 1320515
 Servicing: Dacia, Nissan, Renault
 Grooves 8, Pulley SP/FW, Fan IF
 Alternative no.: 113862
 A: 38.50 B: 13.50 C: 60.00 mm



110074 Alternator 14 V, 60 Amp
 Replacing: 3000011, 3000010, 2875844, 2642121
 Servicing: Chrysler, Dodge, Plymouth
 Grooves 2, Length 183.00, Pulley DP, Fan IF
 Regulator: HC-CARGO 130504.
 A: 31.00 B: 12.80 C: 60.50 mm



110236 Alternator 14 V, 60 Amp
 Replacing: 3874777, 3856713, 3780589, 3755413, 3656570, 3656459, 3656455, 3656397, 3656395, 3656131, 3656130
 Servicing: Chrysler, Dodge, Plymouth
 Grooves 2, Length 165.00, Pulley DP, Fan IF
 2 fields. Regulator: HC-CARGO 131280.
 A: 31.50 B: 12.70 C: 59.90 mm



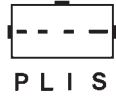
110514 Alternator 14 V, 78 Amp
 Replacing: 5226135, 5213763, 5213762, 5213541, 5213540, 5213079, 5213053, 5206981, 5206971
 Servicing: Chrysler, Dodge, Plymouth
 Grooves 1, Length 156.00, Pulley P, Fan IF
 Square back. Regulator: HC-CARGO 131280.
 A: 32.00 B: 13.00 C: 61.50 mm



110986 Alternator 14 V, 100/105 Amp
 Replacing: 53002898
 Servicing: Jeep
 Grooves 6, Length 174.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 73.00 B: 50.80 mm



111193 Alternator 14 V, 90 Amp
 Replacing: 56005684, 5234031, 5234027, 5234026, 5233718, 5233416
 Servicing: Chrysler, Dodge, Jeep, Plymouth
 Length 179.00, Pulley w/o, Fan IF
 Regulator: HC-CARGO 131280.
 B: 12.65 C: 54.00 mm



112447 Alternator 14 V, 105 Amp
 Replacing: 4609003, 33002941
 Servicing: Dodge, Eagle
 Grooves 6, Length 172.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 33.00 B: 12.90 C: 81.80 mm



113063 Alternator 14 V, 90 Amp
 Replacing: 59005685, 56005685AB, 56005685
 Servicing: Dodge, Jeep
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 34.00 B: 14.30 C: 54.00 mm



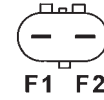
113071 Alternator 14 V, 136 Amp
 Replacing: 56027913
 Servicing: Dodge, Jeep
 Grooves 7, Length 193.00, Pulley SP, Fan IF
 A: 34.50 B: 12.00 C: 54.00 mm



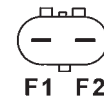
113235 Alternator 14 V, 130 Amp
 Replacing: 5104775AA, 4727329AA, 4727329A, 4727329, 4727325AA, 4727325, 4727221, 4686099, 38522264F, 04727325
 Servicing: Chrysler, Dodge
 Grooves 6, Length 191.00, Pulley SP, Fan IF
 A: 35.00 B: 12.00 C: 54.00 mm



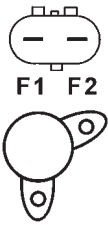
113302 Alternator 14 V, 120 Amp
 Replacing: 5097755AA
 Servicing: Chrysler, Mercedes-Benz
 Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 82.00 B: 56.00 mm



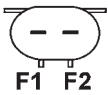
113358 Alternator 14 V, 117 Amp
 Replacing: 56041822AA, 56005685AC
 Servicing: Dodge, Jeep
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 33.20 B: 13.30 C: 54.00 mm



113365 Alternator 14 V, 120 Amp
 Replacing: 4609999AB, 4609999
 Servicing: Chrysler, Dodge
 Grooves 6, Length 170.50, Pulley SP, Fan IF
 A: 26.00 B: 12.00 C: 68.00 mm



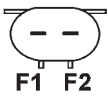
113607 Alternator 14 V, 136 Amp
 Replacing: 56041693AC, 56041693AB, 56041693AA, 56029700AA, 5170746AA
 Servicing: Dodge, Jeep
 Grooves 6, Length 168.00, Pulley SP, Fan IF
 A: 27.00 B: 12.00 C: 68.00 mm



113803 Alternator 14 V, 160 Amp
 Replacing: 4868430AF, 4868430AE, 4868430AD, 4868430AC, 4868430AB, 04868431AC, 04868431AB, 04868430AF
 Servicing: Chrysler, Dodge
 Grooves 6, Length 164.00, Pulley SP/FW, Fan IF
 A: 50.50 B: 30.00 mm



113884 Alternator 14 V, 150 Amp
 Replacing: 5033757AB, 05033757AB, 05033757AA
 Servicing: Dodge, Ford, Jeep, Mitsubishi, Seat, VW
 Grooves 6, Length 201.50, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.35 C: 59.00 mm



114011 Alternator 14 V, 160 Amp
 Replacing: 4868429AD, 4868429AC, 4868429AB, 04868429AD, 04868429AC, 04868429AB
 Servicing: Chrysler
 Grooves 6, Length 202.00, Pulley SP/FW, Fan IF
 A: 46.00 B: 14.00 C: 60.00 mm



114042 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: 04801250AD, 04801250AC, 04801250AB, 04801250AA
 Servicing: Jeep, Mercedes-Benz
 Grooves 7, Length 187.00, Pulley SP/FW, Fan IF
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 116113
 A: 31.00 B: 70.00 mm



114210 Alternator 14 V, 120 Amp
 Replacing: 5073920AC, 5073920AB, 5073920AA, 05073920AC, 05073920AB, 05073920AA
 Servicing: Jeep
 Grooves 6, Pulley SP/FW, Fan IF
 A: 29.00 B: 70.00 C: 56.00 mm



114243 Alternator 14 V, 130 Amp
 Replacing: 38522276F, 38522276
 Servicing: Jeep
 Grooves 8, Length 183.00, Pulley SP, Fan IF
 Clutch pulley HC-CARGO 333670 can be fitted, if spacer is removed.
 A: 28.00 B: 12.15 C: 68.00 mm



114300 Alternator 14 V, 120 Amp
 Replacing: 38522267F
 Servicing: Land Rover
 Grooves 7, Length 236.00, Pulley SP, Fan IF
 A: 143.00 B: 69.70 mm



114377 Alternator 14 V, 110 Amp
 Replacing: 56041578AE, 56041578AD
 Servicing: Jeep
 Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 A: 28.00 B: 12.80 C: 68.00 mm



114511 Alternator 14 V, 120 Amp
 Replacing: 4606755AC, 04606755AD, 04606755AC
 Servicing: Chrysler, Dodge
 Grooves 6, Length 158.00, Pulley SP, Fan IF
 A: 22.50 B: 69.30 C: 86.00 mm



114663 Alternator 14 V, 150 Amp
 Replacing: 5080464AB, 05080464AD, 05080464AB
 Servicing: Chrysler
 Length 173.00, Pulley w/o, Fan IF
 Freewheel Pulley: HC-CARGO 332302.
 B: 70.00 C: 56.00 mm



114828 Alternator 14 V, 90 Amp
 Replacing: 4864441, 38522255F, 38522237F
 Servicing: Jeep
 Grooves 8, Length 245.00, Pulley SP, Fan IF
 A: 142.00 B: 70.00 mm



114832 Alternator 14 V, 180 Amp
 Replacing: 04996808AC, 04896808AC, 04896808AB, 04896808AA
 Servicing: Beijing Benz (BBDC), Chrysler
 Grooves 7, Length 200.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



115679 Alternator 14 V, 130 Amp
 Replacing: P56029574AA, 56029574AA
 Servicing: Chrysler, Fiat
 Grooves 6, Length 197.00, Pulley SP/FW, Fan IF
 A: 113.50 B: 61.50 C: 61.50 mm

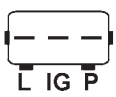


115701 Alternator 14 V, 220 Amp
 Replacing: 4801338AB, 04801338AB
 Servicing: Jeep
 Grooves 6, Pulley SP/FW, Fan IF
 A: 52.00 B: 70.00 C: 42.00 mm



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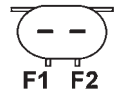
115749 Alternator 14 V, 220 Amp
 Replacing: P04801835AC, P04801835AB, K04801835AB, 4801835AB, 04801835AC, 04801835AB
 Servicing: Chrysler, Jeep, Lancia
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 52.00 B: 70.00 C: 41.50 mm



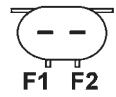
115752 Alternator 14 V, 90 Amp
 Replacing: 38522262F
 Servicing: Opel, Vauxhall
 Grooves 8, Length 234.00, Pulley SP, Fan IF
 A: 148.80 B: 69.80 mm



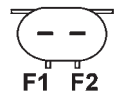
115925 Alternator 14 V, 115 Amp
 Replacing: 4801323AD, 4801323AC, 4801323AB, 04801323AD, 04801323AC, 04801323AB
 Servicing: Chrysler, Dodge, Jeep
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 34.00 B: 12.70 C: 53.80 mm



115935 Alternator 14 V, 130 Amp
 Replacing: 56044532AD, 56044532AC, 56044532AB, 56044532AA, 56044530AC, 56044530AB, 56044530AA
 Servicing: Jeep
 Grooves 6, Pulley SP/FW, Fan IF
 A: 27.00 B: 12.00 C: 67.50 mm



115936 Alternator 14 V, 150 Amp
 Replacing: 4868324AA, 4727324AB, 04868324AA, 04727324AB
 Servicing: Chrysler, Dodge
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 22.00 B: 69.00 C: 85.00 mm



116020 Alternator 14 V, 100 Amp
 Replacing: 5033253AA
 Servicing: Chrysler, Dodge
 Grooves 4, Length 172.00, Pulley SP, Fan IF
 A: 36.50 B: 12.00 C: 51.00 mm



116037 Alternator 14 V, 160 Amp
 Replacing: 4801490AA
 Servicing: Dodge
 Grooves 6, Length 204.00, Pulley SP/FW, Fan IF
 A: 34.20 B: 13.00 C: 55.00 mm



116038 Alternator 14 V, 180 Amp
 Replacing: 04801715AA
 Servicing: Dodge, VW
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.20 C: 61.00 mm



116113 Alternator 14 V, 180 Amp
 Replacing: 04801250AD, 04801250AC, 04801250AB, 04801250AA
 Servicing: Jeep, Mercedes-Benz
 Grooves 7, Length 187.00, Pulley SP/FW, Fan IF
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 114042
 A: 31.00 B: 70.00 mm



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116141* Alternator 14 V, 210 Amp
 Replacing: 4727866AB, 04727866AB
 Servicing: Chrysler
 Grooves 6, Pulley SP/FW, Fan IF



S I L P



112165 Alternator 14 V, 75 Amp
 Replacing: 461
 Servicing: Renault
 Grooves 4, Length 179.00, Pulley SP,
 Fan IF
 A: 46.70 B: 27.00 C: 66.50 mm



FLP



115380 Alternator 14 V, 120 Amp
 Replacing: 96627029KJ, 96627029
 Servicing: Chevrolet, Opel
 Grooves 6, Length 190.00, Pulley SP/FW,
 Fan IF
 A: 61.00 B: 32.00 C: 57.50 mm



L DFM



113771 Alternator 14 V, 190 Amp
 Replacing: 10480407, 10480403
 Servicing: Mercedes-Benz
 Grooves 6, Length 196.00, Pulley SP/FW,
 Fan IF
Water cooled.
 A: 33.00 B: 93.45 C: 56.75 mm



L IG/R

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116302* Alternator 14 V, 65 Amp
 Replacing: 219292
 Servicing: Chevrolet
 Grooves 3, Length 164.00, Pulley SP,
 Fan IF
 A: 40.30 B: 14.30 C: 66.00 mm



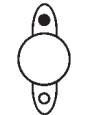
L DFM



113772 Alternator 14 V, 190 Amp
 Replacing: 10480408, 10480404
 Servicing: Mercedes-Benz
 Grooves 6, Length 195.00, Pulley SP/FW,
 Fan IF
Water cooled.
 A: 31.00 B: 93.50 C: 56.00 mm



L IG/R



114114 Alternator 14 V, 65 Amp
 Replacing: 96380673, 219235, 219170
 Servicing: Chevrolet, Daewoo
 Grooves 1, Length 166.50, Pulley P,
 Fan IF
 A: 42.00 B: 14.35 C: 66.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.


110137 Alternator 14 V, 30 Amp

Replacing: 021000-9561, 021000-9560, 021000-8680, 021000-8120, 021000-6861, 021000-6860, 021000-6851

Servicing: Daihatsu, Komatsu, Kubota, Suzuki, Toyota

Grooves 1, Length 147.00, Pulley P, Fan EF
Regulator: HC-CARGO 130627.

A: 43.00 B: 13.00 C: 67.00 mm


110138 Alternator 14 V, 40 Amp

Replacing: 121000-7560, 121000-2110, 121000-2030, 021000-8030, 021000-8021, 021000-8020, 021000-8011

Servicing: Daihatsu, Honda, Mitsubishi, Toyota

Grooves 1, Length 162.00, Pulley P, Fan EF

A: 42.50 B: 11.00 C: 75.75 mm

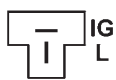

110258 Alternator 14 V, 35 Amp

Replacing: 121000-1730, 121000-1590, 121000-0920, 121000-0580, 021000-8640, 021000-8620, 021000-8160

Servicing: Daihatsu, Suzuki, Toyota

Grooves 1, Length 147.00, Pulley P, Fan EF
Regulator: HC-CARGO 130627.

A: 43.00 B: 12.70 C: 69.00 mm


110374 Alternator 14 V, 45 Amp

Replacing: 101211-2841, 100211-4390, 100211-4180, 100211-4120, 100211-4080, 100211-1402, 100211-1401

Servicing: Daihatsu

Grooves 1, Length 169.00, Pulley P, Fan IF

A: 43.50 B: 19.00 mm


110445 Alternator 14 V, 90 Amp

Replacing: 100211-5800, 100211-0790, 100211-0292, 100211-0291, 100211-0290, 100211-0281, 100211-0280

Servicing: John Deere

Length 167.00, Pulley w/o, Fan EF

B: 51.00 mm


110496 Alternator 14 V, 60 Amp

Replacing: 100211-9711, 100211-9710, 100211-9400, 100211-3761, 100211-3760, 100211-3740, 100211-3611

Servicing: Toyota

Grooves 5, Length 153.50, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm


110563 Alternator 28 V, 15 Amp

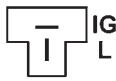
Replacing: 021000-4510, 021000-4271

Servicing: Toyota

Grooves 1, Length 161.25, Pulley P, Fan EF

Regulator: HC-CARGO 132628.

A: 48.15 B: 12.25 C: 76.00 mm


110564 Alternator 14 V, 40 Amp

Replacing: 100211-4004, 100211-4003, 100211-4002, 100211-4001, 100211-4000

Servicing: Komatsu

Grooves 1, Length 150.50, Pulley P, Fan IF

A: 48.55 B: 20.00 C: 67.00 mm


110620 Alternator 14 V, 35 Amp

Replacing: 100211-4701, 100211-4700, 100211-4531, 100211-4530, 100211-1662, 100211-1661, 100211-1660

Servicing: Aixam, Kubota, Various Agriculture Vehicles, Yanmar

Grooves 1, Length 143.00, Pulley P, Fan IF

A: 44.00 B: 23.50 mm


110628 Alternator 14 V, 45 Amp

Replacing: 100211-6861, 100211-6860, 100211-4400, 100211-4290, 100211-4280, 100211-4171, 100211-4170

Servicing: Toyota

Grooves 4, Length 147.00, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm


110629 Alternator 14 V, 35 Amp

Replacing: 100211-4540

Servicing: Toyota

Grooves 1, Length 143.25, Pulley P, Fan IF
Alternative no.: JA9701R

A: 44.00 B: 24.10 mm

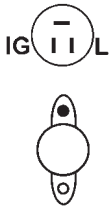

110675 Alternator 14 V, 75 Amp

Replacing: 100211-7451, 100211-7450, 100211-745, 100211-7061, 100211-7060, 100211-706, 100211-3261

Servicing: Isuzu, Toyota

Grooves 5, Pulley SP, Fan IF

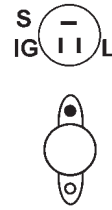
A: 89.85 B: 57.90 mm



110679 Alternator 14 V, 60 Amp
 Replacing: 100211-2360, 100211-2291,
 100211-2290, 100211-2231, 100211-2230,
 100211-2221, 100211-1331
 Servicing: Isuzu, Opel
 Grooves 4, Length 166.50, Pulley SP, Fan IF
 A: 92.25 B: 58.00 mm



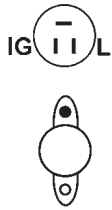
110927 Alternator 14 V, 55 Amp
 Replacing: 100211-2211, 100211-2210,
 100211-1381, 100211-1278, 100211-1277,
 100211-1271, 100211-1270
 Servicing: Honda, Rover
 Grooves 3, Length 153.00, Pulley SP, Fan IF
 A: 90.45 B: 57.90 mm



111018 Alternator 14 V, 50 Amp
 Replacing: 100211-6971, 100211-6970,
 100211-6961, 100211-6960, 100211-6931,
 100211-6930
 Servicing: Toyota
 Grooves 1, Length 156.50, Pulley P, Fan IF
 A: 44.00 B: 20.00 C: 67.00 mm



110682 Alternator 14 V, 70 Amp
 Replacing: 10211-7000, 100211-8031,
 100211-8030, 100211-7052, 100211-7051,
 100211-7050, 100211-7001
 Servicing: GEO, Toyota
 Grooves 5, Length 160.00, Pulley SP,
 Fan IF
 A: 87.50 B: 58.00 mm



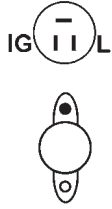
110965 Alternator 14 V, 50 Amp
 Replacing: 100211-6270, 100211-4071,
 100211-4070, 100211-1551, 100211-1550,
 100211-1411, 100211-1410
 Servicing: Chevrolet, Pontiac, Suzuki
 Grooves 1, Length 156.25, Pulley P, Fan IF
 A: 42.15 B: 20.00 C: 66.88 mm



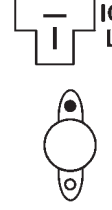
111042 Alternator 14 V, 35 Amp
 Replacing: 021000-6980
 Servicing: Iseki, Mitsubishi
 Grooves 1, Length 162.00, Pulley P,
 Fan EF
 A: 42.00 B: 13.00 C: 65.00 mm



110801 Alternator 28 V, 45 Amp
 Replacing: 100211-0860
 Servicing: Atlas Copco, Case, Caterpillar,
 Cummins, Fiat-Allis, International
 Terminal W, Length 270.00, Pulley w/o,
 Fan EF
 B: 14.80 C: 100.00 mm



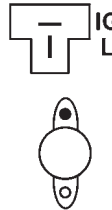
110967 Alternator 14 V, 50 Amp
 Replacing: 101211-2120, 100211-6721,
 100211-6720, 100211-672, 100211-6710,
 100211-6600, 100211-2120
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 Grooves 4, Length 156.65, Pulley SP,
 Fan IF
 A: 37.30 B: 19.90 C: 67.00 mm



111048 Alternator 14 V, 40 Amp
 Replacing: 101211-2480, 101211-1320,
 101211-1230, 101211-1181, 101211-1180,
 101211-1040, 100211-4690
 Servicing: Daihatsu, Iseki, Kubota, Piaggio
 Grooves 1, Length 143.00, Pulley P,
 Fan IF
 A: 43.00 B: 24.00 mm



110882 Alternator 14 V, 45 Amp
 Replacing: 021000-0320
 Servicing: Alfa Romeo, Fiat, Iveco,
 Lamborghini, Same
 Grooves 1, Length 181.50, Pulley P, Fan w/o
 Connection 67 = D+ terminal.
 A: 47.00 B: 16.25 C: 63.00 mm



111017 Alternator 14 V, 50 Amp
 Replacing: 100211-4210, 100211-4201,
 100211-4200
 Servicing: Toyota
 Grooves 1, Length 160.50, Pulley P,
 Fan IF
 A: 45.00 B: 20.00 C: 67.30 mm



111193 Alternator 14 V, 90 Amp
 Replacing: 121000-3442, 121000-3440,
 121000-3420, 121000-3410, 121000-3381,
 121000-3380, 121000-3340
 Servicing: Chrysler, Dodge, Jeep, Plymouth
 Length 179.00, Pulley w/o, Fan IF
 Regulator: HC-CARGO 131280.
 B: 12.65 C: 54.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111195 Alternator 14 V, 35 Amp
 Replacing: 121000-0980, 121000-0600
 Servicing: Kubota
 Grooves 1, Length 158.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130627.
 A: 43.45 B: 13.00 C: 67.40 mm



111215 Alternator 14 V, 120 Amp
 Replacing: 100211-6051, 100211-6050, 100211-6031, 100211-6030
 Servicing: John Deere
 Grooves 2, Length 175.00, Pulley DP, Fan IF
 A: 92.00 B: 58.00 mm



111279 Alternator 14 V, 50 Amp
 Replacing: 100211-3810, 100211-3800
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 37.50 B: 14.00 C: 66.00 mm



111285 Alternator 14 V, 70 Amp
 Replacing: 101211-0250, 101211-0240, 100211-9770, 100211-9760, 100211-7340
 Servicing: Honda
 Grooves 4, Length 150.00, Pulley SP, Fan IF
 A: 90.00 B: 57.80 mm



111428 Alternator 14 V, 60 Amp
 Replacing: 100211-8070, 100211-7600, 100211-7440, 100211-3680, 100211-3200, 100211-3111, 100211-3110
 Servicing: Daihatsu, Toyota
 Grooves 5, Length 155.00, Pulley SP, Fan IF
 A: 90.00 B: 58.50 mm



111435 Alternator 14 V, 70 Amp
 Replacing: 101211-5220, 101211-5210, 100211-8810, 100211-8590, 100211-8470, 100211-8340, 100211-8331
 Servicing: Kia, Toyota
 Grooves 5, Length 179.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



111437 Alternator 14 V, 45 Amp
 Replacing: 101211-3770, 101211-3370, 100211-6730, 100211-6660, 100211-5730, 100211-3370
 Servicing: Daihatsu, Piaggio
 Grooves 1, Length 165.50, Pulley P, Fan IF
 A: 95.75 B: 58.00 mm



111468 Alternator 14 V, 80 Amp
 Replacing: 102211-1480, 102211-1340, 102211-1240, 102211-124, 102211-1230, 101211-9670, 101211-9580
 Servicing: Kia, Toyota
 Grooves 5, Length 162.50, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



111483 Alternator 14 V, 55 Amp
 Replacing: 121000-8230, 100210-3840, 100210-3821, 100210-3820, 100210-3810, 100210-3770, 100210-3760
 Servicing: Toyota, VW
 Grooves 2, Length 280.00, Pulley DP, Fan EF
 Regulator: HC-CARGO 132627.
 A: 52.00 B: 13.50 C: 97.00 mm



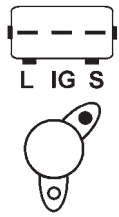
111484 Alternator 28 V, 50 Amp
 Replacing: 100210-2290, 021000-9980
 Servicing: Toyota
 Grooves 1, Length 276.00, Pulley P, Fan EF
 Regulator: HC-CARGO 135376.
 A: 63.00 B: 14.20 C: 97.00 mm



111507 Alternator 14 V, 80 Amp
 Replacing: 101211-5120, 101211-5100
 Servicing: Toyota
 Grooves 1, Pulley P, Fan IF
 A: 96.00 B: 53.00 mm



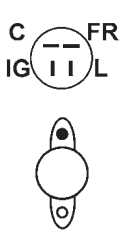
111517 Alternator 14 V, 70 Amp
 Replacing: 101211-4420, 101211-4161, 101211-4160, 101211-0851, 101211-0850, 101211-0510, 101211-0381
 Servicing: Kia, Toyota
 Grooves 5, Length 163.25, Pulley SP, Fan IF
 A: 89.70 B: 58.00 mm



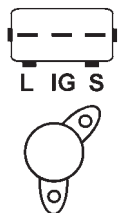
111518 Alternator 14 V, 70 Amp
 Replacing: 102211-5091, 102211-5090,
 101211-5970, 101211-5151, 101211-5150,
 101211-0741, 101211-0740
 Servicing: Toyota
 Grooves 4, Length 154.75, Pulley SP, Fan IF
 A: 89.00 B: 58.00 mm



111538 Alternator 14 V, 80 Amp
 Replacing: 100211-8440, 100211-8381,
 100211-8380, 100211-8060, 100211-7820
 Servicing: Toyota
 Grooves 4, Length 161.00, Pulley SP, Fan IF
 A: 90.50 B: 58.00 mm



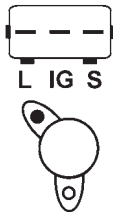
111578 Alternator 14 V, 60 Amp
 Replacing: 100211-3931, 100211-3930,
 100211-3891, 100211-3890, 100211-3880,
 100211-3870, 100211-3661
 Servicing: Honda, Rover
 Grooves 3, Length 153.00, Pulley SP,
 Fan IF
 A: 89.50 B: 58.25 mm



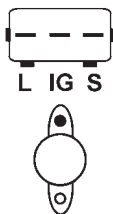
111579 Alternator 14 V, 70 Amp
 Replacing: 101211-5240, 101211-5080,
 101211-5020, 101211-4580, 101211-0182,
 101211-0181, 101211-0180
 Servicing: GEO, Toyota
 Grooves 5, Length 156.00, Pulley SP,
 Fan IF
 A: 53.00 B: 28.00 C: 44.00 mm



111596 Alternator 28 V, 50 Amp
 Replacing: 121000-1770, 121000-0041,
 100210-2980, 100210-2302
 Servicing: Toyota
 Grooves 1, Length 277.00, Pulley P,
 Fan EF
 Regulator: HC-CARGO 132628.
 A: 65.00 B: 14.00 C: 106.00 mm



111598 Alternator 14 V, 80 Amp
 Replacing: 101211-5170, 101211-5130
 Servicing: Toyota
 Grooves 1, Length 162.00, Pulley P,
 Fan IF
 A: 96.00 B: 53.00 mm



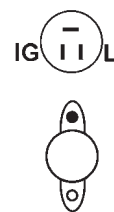
111601 Alternator 14 V, 70 Amp
 Replacing: 100213-1911, 100213-1910, 100213-
 1900, 100211-5252, 100211-5251, 100211-5250
 Servicing: Toyota
 Grooves 2, Length 226.00, Pulley DP,
 Fan IF
 A: 146.50 B: 70.00 mm



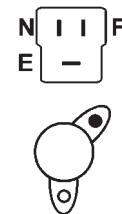
111605 Alternator 14 V, 70 Amp
 Replacing: 100213-1250, 100213-1240,
 100213-1230, 100213-1150, 100213-1140,
 100213-1130, 100213-1050
 Servicing: Toyota
 Grooves 2, Length 231.00, Pulley DP,
 Fan IF
 A: 146.50 B: 69.50 mm



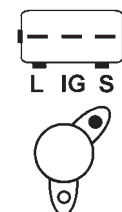
111609 Alternator 14 V, 70 Amp
 Replacing: 101211-0033, 101211-0030,
 100211-9980, 100211-7811, 100211-7810,
 100211-7770, 100211-3311
 Servicing: Honda
 Grooves 5, Length 166.00, Pulley SP, Fan IF
 Alternative no.: JA772IR
 A: 91.00 B: 56.50 mm



111610 Alternator 14 V, 45 Amp
 Replacing: 101211-3200, 101211-2970,
 101211-2100, 100211-9310, 100211-6990
 Servicing: Daihatsu
 Grooves 4, Length 143.00, Pulley SP, Fan IF
 A: 89.00 B: 58.00 mm



111613 Alternator 28 V, 50 Amp
 Replacing: 121000-0670, 100210-2991,
 100210-2990, 100210-2861, 100210-2860,
 100210-2570, 100210-2251
 Servicing: Toyota
 Grooves 1, Length 274.00, Pulley P,
 Fan EF
 Regulator: HC-CARGO 135376.
 A: 63.50 B: 13.00 C: 96.50 mm



111678 Alternator 14 V, 60 Amp
 Replacing: 101211-3030
 Servicing: Toyota
 Grooves 4, Length 145.00, Pulley SP,
 Fan IF
 A: 90.00 B: 58.30 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



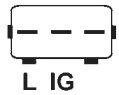
111705 Alternator 14 V, 70 Amp

Replacing: 100211-9801, 100211-9800, 100211-9780, 100211-8130, 100211-8121, 100211-8120, 100211-8090

Servicing: Toyota

Grooves 5, Length 158.50, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



111779 Alternator 14 V, 70 Amp

Replacing: 102211-5610, 102211-5280, 102211-5161, 102211-5160, 102211-5151, 102211-5150, 102211-5070

Servicing: Suzuki

Grooves 4, Length 159.50, Pulley SP, Fan IF

A: 90.50 B: 58.00 mm



111781 Alternator 14 V, 80 Amp

Replacing: 100211-8410

Servicing: Toyota

Grooves 2, Length 167.00, Pulley DP, Fan IF

A: 92.00 B: 58.10 mm



111795 Alternator 14 V, 80 Amp

Replacing: 102211-8041, 102211-8040, 100211-8040

Servicing: Ford

Grooves 6, Length 164.00, Pulley SP, Fan IF

A: 12.50 B: 72.00 C: 53.00 mm



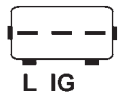
111830 Alternator 14 V, 140 Amp

Replacing: 100211-6420

Servicing: John Deere

Grooves 8, Length 178.00, Pulley SP, Fan IF

A: 90.50 B: 58.00 mm



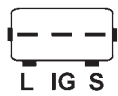
111950 Alternator 14 V, 85 Amp

Replacing: 104210-8140, 102211-2430, 102211-1430, 101211-9180

Servicing: Suzuki

Grooves 4, Length 160.00, Pulley SP, Fan IF

A: 90.00 B: 58.00 mm



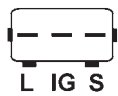
111960 Alternator 14 V, 80 Amp

Replacing: 100213-2660, 100213-2520, 100213-2460, 100213-2450, 100213-2440, 100213-2280, 100213-1920

Servicing: Toyota

Grooves 2, Length 229.00, Pulley DP, Fan IF

A: 147.00 B: 71.00 mm



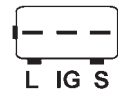
111963 Alternator 14 V, 70 Amp

Replacing: 100213-2920, 100213-2580, 100213-2500, 100213-2480, 100213-2471, 100213-2470, 100213-2400

Servicing: Toyota

Grooves 2, Length 230.00, Pulley DP, Fan IF

A: 146.50 B: 70.25 mm



112063 Alternator 14 V, 70 Amp

Replacing: 102211-5003, 102211-5002, 102211-5001, 102211-5000, 101211-5780, 101211-5630, 101211-0972

Servicing: Toyota

Grooves 2, Length 168.00, Pulley DP, Fan IF

A: 94.00 B: 58.10 mm



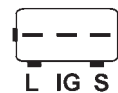
112072 Alternator 14 V, 120 Amp

Replacing: 102211-0500

Servicing: Volvo

Grooves 6, Length 194.00, Pulley SP/FW, Fan IF

A: 44.50 B: 20.20 C: 82.00 mm



112101 Alternator 14 V, 80 Amp

Replacing: 101211-5460

Servicing: Toyota

Grooves 4, Length 179.00, Pulley SP, Fan IF

A: 90.50 B: 58.10 mm



112102 Alternator 14 V, 90 Amp

Replacing: 100211-6360, 100211-6110

Servicing: Toyota

Grooves 4, Length 167.00, Pulley SP, Fan IF

A: 90.00 B: 58.10 mm



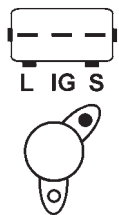
112142 Alternator 14 V, 90 Amp
 Replacing: 102211-8081, 102211-8080, 102211-8071, 102211-8070, 102211-8061, 102211-8060
 Servicing: Ford
 Length 168.00, Pulley w/o, Fan IF
 B: 14.00 C: 63.20 mm



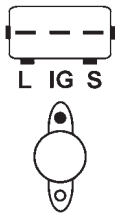
112143 Alternator 14 V, 80 Amp
 Replacing: 102211-8031, 102211-8030
 Servicing: Ford, Lister
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 34.00 B: 13.80 C: 62.40 mm



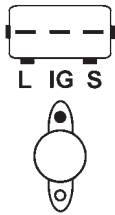
112261 Alternator 28 V, 60 Amp
 Replacing: 100211-0890
 Servicing: Caterpillar
 Length 268.00, Pulley w/o, Fan EF
 Replacing: 30SI.
 B: 14.00 C: 101.00 mm



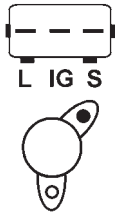
112356 Alternator 14 V, 80 Amp
 Replacing: 102211-1361, 102211-1360, 101211-5330, 101211-5261, 101211-5260
 Servicing: Toyota
 Grooves 2, Length 167.00, Pulley DP, Fan IF
 A: 93.00 B: 58.10 mm



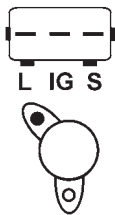
112357 Alternator 14 V, 70 Amp
 Replacing: 102211-5052, 102211-5051, 102211-5050, 101211-0522, 101211-0521, 101211-0520
 Servicing: Toyota
 Grooves 5, Length 167.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



112358 Alternator 14 V, 55 Amp
 Replacing: 102211-5200, 101211-4370, 101211-0543, 101211-0542, 101211-0541, 101211-0540
 Servicing: Toyota
 Grooves 5, Length 157.00, Pulley SP, Fan IF
 A: 89.50 B: 58.00 mm



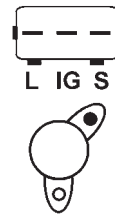
112360 Alternator 14 V, 60 Amp
 Replacing: 102211-5111, 102211-5110, 101211-0272, 101211-0271, 101211-0270
 Servicing: Toyota
 Grooves 2, Length 164.50, Pulley DP, Fan IF
 A: 93.50 B: 58.30 mm



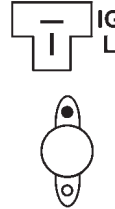
112363 Alternator 14 V, 80 Amp
 Replacing: 101211-9520, 101211-9360
 Servicing: Toyota
 Grooves 1, Length 162.00, Pulley P, Fan IF
 B belt.
 A: 96.00 B: 53.10 mm



112557 Alternator 14 V, 120 Amp
 Replacing: 101211-9000, 101211-5571, 101211-5570, 100211-8960
 Servicing: Renault, Volvo
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 47.80 B: 21.00 C: 55.50 mm



112669 Alternator 14 V, 80 Amp
 Replacing: 101211-5300
 Servicing: Yanmar
 Grooves 2, Length 167.00, Pulley DP, Fan IF
 A: 92.00 B: 58.30 mm



112721 Alternator 14 V, 55 Amp
 Replacing: 101211-8771, 101211-8770, 101211-2850
 Servicing: Fiat, Kubota
 Grooves 1, Length 143.00, Pulley P, Fan IF
 A: 44.50 B: 23.50 mm



112746* Alternator 14 V, 80 Amp
 Replacing: 100211-8371, 100211-8370
 Servicing: Volvo
 Grooves 2, Length 163.00, Pulley DP, Fan EF
 A: 93.00 B: 71.00 mm



113063 Alternator 14 V, 90 Amp
 Replacing: 121000-3452, 121000-3450
 Servicing: Dodge, Jeep
 Grooves 6, Length 185.00, Pulley SP,
 Fan IF
 A: 34.00 B: 14.30 C: 54.00 mm



113071 Alternator 14 V, 136 Amp
 Replacing: 121000-4171, 121000-4170,
 121000-417
 Servicing: Dodge, Jeep
 Grooves 7, Length 193.00, Pulley SP,
 Fan IF
 A: 34.50 B: 12.00 C: 54.00 mm



113085 Alternator 14 V, 100 Amp
 Replacing: 100211-6350, 100211-6060
 Servicing: Lexus
 Grooves 6, Length 187.00, Pulley SP,
 Fan IF
 A: 90.50 B: 58.20 mm



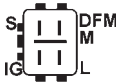
113089 Alternator 14 V, 80 Amp
 Replacing: 966121-9935, 101211-9410,
 101211-9350, 101211-9160, 101211-5450
 Servicing: Lexus, Toyota
 Grooves 6, Length 167.00, Pulley SP,
 Fan IF
 A: 88.20 B: 56.70 mm



113235 Alternator 14 V, 130 Amp
 Replacing: 121000-4332, 121000-4331,
 121000-4330, 121000-4320, 121000-4161,
 121000-4160
 Servicing: Chrysler, Dodge
 Grooves 6, Length 191.00, Pulley SP,
 Fan IF
 A: 35.00 B: 12.00 C: 54.00 mm



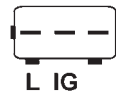
113246 Alternator 14 V, 90 Amp
 Replacing: 102211-8571, 102211-8570,
 102211-8410
 Servicing: Citroen, Peugeot
 Grooves 6, Length 162.00, Pulley SP,
 Fan IF
 A: 42.50 B: 22.00 C: 45.40 mm



113296 Alternator 14 V, 80 Amp
 Replacing: 102211-8490
 Servicing: Toyota
 Grooves 6, Length 169.00, Pulley SP,
 Fan IF
 A: 33.45 B: 17.85 C: 40.00 mm



113306 Alternator 14 V, 60 Amp
 Replacing: 101211-2751, 101211-2750,
 101211-2731, 101211-2730
 Servicing: Daihatsu
 Grooves 4, Length 145.00, Pulley SP,
 Fan IF
 A: 48.00 B: 29.20 mm



113322 Alternator 14 V, 60 Amp
 Replacing: 102211-5231, 102211-5230,
 102211-5013, 102211-5012, 102211-5011
 Servicing: Suzuki
 Grooves 4, Length 157.50, Pulley SP,
 Fan IF
 A: 89.85 B: 58.00 mm



113336 Alternator 14 V, 120 Amp
 Replacing: 101210-1870
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 204.00, Pulley SP/FW,
 Fan IF
 A: 44.00 B: 22.60 C: 54.80 mm



113358 Alternator 14 V, 117 Amp
 Replacing: 121000-3671, 121000-3670,
 121000-3620
 Servicing: Dodge, Jeep
 Grooves 6, Length 187.00, Pulley SP,
 Fan IF
 A: 33.20 B: 13.30 C: 54.00 mm



113365 Alternator 14 V, 120 Amp
 Replacing: 121000-4233, 121000-4232,
 121000-4231, 121000-4230
 Servicing: Chrysler, Dodge
 Grooves 6, Length 170.50, Pulley SP,
 Fan IF
 A: 26.00 B: 12.00 C: 68.00 mm



113535 Alternator 14 V, 85 Amp
 Replacing: 102211-8471, 102211-8470, 102211-8451, 102211-8450
 Servicing: Fiat, Ford, Lancia
 Grooves 5, Length 184.50, Pulley SP, Fan IF
 A: 16.30 B: 24.20 C: 51.00 mm



113536 Alternator 14 V, 90 Amp
 Replacing: 101210-1530
 Servicing: Alfa Romeo
 Grooves 6, Length 197.00, Pulley SP, Fan IF
 A: 44.50 B: 16.90 C: 54.30 mm



113575 Alternator 14 V, 80 Amp
 Replacing: 102211-8400
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 45.00 mm



113607 Alternator 14 V, 136 Amp
 Replacing: 421000-0100, 121000-4540, 121000-4440, 121000-4410
 Servicing: Dodge, Jeep
 Grooves 6, Length 168.00, Pulley SP, Fan IF
 A: 27.00 B: 12.00 C: 68.00 mm



113631 Alternator 14 V, 90 Amp
 Manufacturer: Prestolite
 Replacing: 100211-7210
 Servicing: BMW, BUKH, Volvo Penta
 Terminal W, Grooves 1, Length 178.00, Pulley P, Fan EF
 A: 79.25 B: 51.00 mm



113715 Alternator 14 V, 80 Amp
 Replacing: 101211-9940, 100211-9941, 100211-9940
 Servicing: Yanmar
 Terminal W, Grooves 2, Length 167.00, Pulley DP, Fan IF
 A: 92.00 B: 57.50 mm



113718 Alternator 14 V, 70 Amp
 Replacing: 102211-8441, 102211-8440, 102211-8431, 102211-8430, 102211-8230
 Servicing: Citroen, Fiat, Lancia, Renault
 Grooves 5, Length 184.60, Pulley SP, Fan IF
 A: 16.50 B: 23.50 C: 50.00 mm



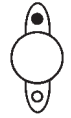
113720 Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 102211-8612, 102211-8611, 102211-8610, 101210-1181, 101210-1180, 101210-1111, 101210-1110
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 116064
 A: 41.50 B: 64.00 C: 55.00 mm



113721 Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 101211-1211, 101210-1211, 101210-1210
 Servicing: Fiat, Lancia
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 Alternative no.: 116330
 A: 41.00 B: 64.40 C: 55.00 mm



113722 Alternator 14 V, 90 Amp
 Manufacturer: Valeo
 Replacing: 101210-1191, 101210-1190, 101210-1121, 101210-1120
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 187.00, Pulley SP/FW, Fan IF
 Alternative no.: 115963
 A: 40.20 B: 64.15 C: 56.00 mm



113742 Alternator 14 V, 40 Amp
 Replacing: 101211-1380, 101211-1170
 Servicing: John Deere, Yanmar
 Grooves 1, Length 143.00, Pulley P, Fan IF
 A: 43.00 B: 21.00 mm



113755 Alternator 14 V, 150 Amp
 Replacing: 104210-4270, 104210-3241, 104210-3240, 104210-3171, 104210-3170
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 A: 43.00 B: 21.00 C: 45.10 mm

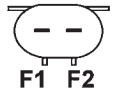
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



113763 Alternator 14 V, 85 Amp
 Replacing: 102211-8181, 102211-8180, 102211-8171, 102211-8170, 102211-8161, 102211-8160
 Servicing: JCB, Land Rover, Various Industrial applications
 Terminal W, Pulley w/o, Fan IF
 C: 82.00 mm



113803 Alternator 14 V, 160 Amp
 Replacing: 421000-0028, 421000-0027, 421000-0026, 421000-0025, 421000-0024, 421000-0023, 421000-0022
 Servicing: Chrysler, Dodge
 Grooves 6, Length 164.00, Pulley SP/FW, Fan IF
 A: 50.50 B: 30.00 mm



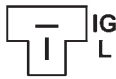
113849 Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 104210-5711, 104210-5710, 104210-3524, 104210-3523, 104210-3522, 104210-3521, 104210-3520
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 164.50, Pulley SP/FW, Fan IF
 Alternative no.: 116294
 A: 42.50 B: 21.00 C: 45.00 mm



113856 Alternator 14 V, 40 Amp
 Replacing: 100211-4733, 100211-4732, 100211-4731, 100211-4730
 Servicing: Kubota, Steiner
 Length 143.50, Pulley w/o, Fan IF
 B: 24.20 mm



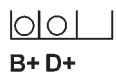
113904 Alternator 14 V, 130 Amp
 Replacing: 102211-8662, 102211-8661, 102211-8660
 Servicing: Opel, Saab, Vauxhall
 Terminal DF, Grooves 6, Length 215.00, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.00 mm



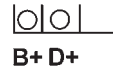
113921 Alternator 14 V, 40 Amp
 Replacing: 101211-1361, 101211-1360, 100211-4771, 100211-4770, 100211-4740, 100211-4650, 100211-4610
 Servicing: Daihatsu, Iseki, Kubota, Piaggio
 Grooves 1, Length 159.00, Pulley P, Fan IF
 A: 43.50 B: 24.00 mm



113922 Alternator 14 V, 120 Amp
 Replacing: 104210-5700, 104210-3514, 104210-3513, 104210-3512, 104210-3511, 104210-3510
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 22.00 C: 45.00 mm



113943 Alternator 14 V, 100 Amp
 Replacing: 101210-1510
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Pulley SP/FW, Fan IF
 A: 44.00 B: 22.20 C: 54.75 mm



113955 Alternator 14 V, 105 Amp
 Replacing: 102211-8642, 102211-8641, 102211-8640
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 A: 112.50 B: 61.00 mm



113967 Alternator 14 V, 120 Amp
 Replacing: 102211-8131, 102211-8130
 Servicing: Caterpillar, Perkins
 Terminal W, Length 182.00, Pulley w/o
 B: 13.00 C: 83.00 mm



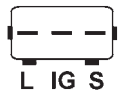
113969 Alternator 14 V, 100 Amp
 Replacing: 104210-5442, 104210-5441, 104210-5440, 104210-3411, 104210-3410
 Servicing: Toyota
 Grooves 7, Pulley SP/FW, Fan IF
 A: 95.00 B: 53.50 mm



113970 Alternator 14 V, 100 Amp
 Replacing: 104210-3732, 104210-3731, 104210-3730
 Servicing: Mini
 Grooves 7, Length 181.00, Pulley SP/FW, Fan IF
 A: 31.40 B: 16.30 C: 41.70 mm



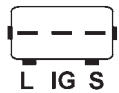
113972 Alternator 14 V, 100 Amp
 Replacing: 104210-5591, 104210-5151, 104210-5150, 104210-4102, 104210-4101, 104210-4100
 Servicing: Toyota
 Grooves 6, Pulley SP/FW, Fan IF
 A: 31.00 B: 16.00 C: 39.00 mm



113975 Alternator 14 V, 150 Amp
 Replacing: 104210-3921, 104210-3920
 Servicing: John Deere
 Grooves 8, Pulley SP, Fan IF
 B: 58.00 C: 0.00 mm



113978 Alternator 14 V, 120 Amp
 Replacing: 104210-5790, 104210-3762, 104210-3761, 104210-3760
 Servicing: Ford, Volvo
 Grooves 6, Pulley SP/FW, Fan IF
Freewheel Pulley: HC-CARGO 237619.
 A: 75.00 B: 72.00 C: 68.80 mm



113989 Alternator 14 V, 50 Amp
 Replacing: 101211-8700, 101211-8580, 101211-3860
 Servicing: Toyota
 Grooves 1, Length 152.00, Pulley P, Fan IF
 A: 99.00 B: 58.00 mm



113990 Alternator 14 V, 150 Amp
 Replacing: 104210-4012, 104210-4011, 104210-4010
 Servicing: Land Rover
 Grooves 8, Length 170.00, Pulley SP, Fan IF
 A: 22.50 B: 50.00 C: 47.00 mm



113996 Alternator 14 V, 140 Amp
 Replacing: 102211-8270, 101210-0990
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 Grooves 6, Length 210.00, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.30 mm



114005 Alternator 14 V, 70 Amp
 Replacing: 102211-8190, 102211-8000, 102211-5300
 Servicing: Toyota
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 48.00 B: 27.00 C: 39.00 mm



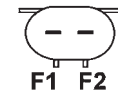
114006 Alternator 14 V, 90 Amp
 Replacing: 102211-8200, 102211-8010
 Servicing: Toyota
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 48.00 B: 26.00 C: 38.00 mm



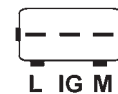
114009 Alternator 14 V, 105 Amp
 Replacing: 102211-8356, 102211-8355, 102211-8354, 102211-8353, 102211-8352, 102211-8351
 Servicing: Ford
 Grooves 6, Length 160.00, Pulley SP, Fan IF
 A: 10.00 B: 72.00 C: 52.00 mm



114010 Alternator 14 V, 100 Amp
 Replacing: 104210-3431, 104210-3430, 102211-2760
 Servicing: Toyota
 Grooves 5, Length 152.00, Pulley SP/FW, Fan IF
 A: 92.50 B: 51.70 mm



114011 Alternator 14 V, 160 Amp
 Replacing: 421000-0086, 421000-0085, 421000-0084, 421000-0083, 421000-0082, 421000-0081, 421000-0080
 Servicing: Chrysler
 Grooves 6, Length 202.00, Pulley SP/FW, Fan IF
 A: 46.00 B: 14.00 C: 60.00 mm



114012 Alternator 14 V, 90 Amp
 Replacing: 102211-2770
 Servicing: Toyota
 Grooves 5, Length 162.00, Pulley SP, Fan IF
 A: 31.00 B: 18.20 C: 41.70 mm

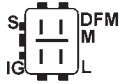
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



114023 Alternator 14 V, 70 Amp
 Replacing: 102211-8560
 Servicing: Subaru, Suzuki
 Grooves 4, Length 183.00, Pulley SP,
 Fan IF
 A: 90.50 B: 57.20 mm



114024 Alternator 14 V, 80 Amp
 Replacing: TG104210-9011, 104210-9410,
 104210-9351, 104210-9340, 104210-9231,
 104210-9230, 104210-9011
 Servicing: Toyota
 Grooves 7, Length 168.00, Pulley SP/FW,
 Fan IF
 A: 95.00 B: 58.00 mm



114041 Alternator 14 V, 70 Amp
 Replacing: 102211-5660
 Servicing: Toyota
 Grooves 5, Length 150.00, Pulley SP/FW,
 Fan IF
 A: 31.50 B: 16.00 C: 40.50 mm



114043 Alternator 14 V, 55 Amp
 Replacing: 101211-2771, 101211-2770
 Servicing: Caterpillar
 Grooves 1, Length 152.00, Pulley P,
 Fan IF
 A: 43.20 B: 12.00 C: 72.00 mm



114065 Alternator 14 V, 120 Amp
 Replacing: 104210-5800, 104210-3532,
 104210-3531, 104210-3530
 Servicing: Ford
 Grooves 6, Length 165.00, Pulley SP,
 Fan IF
 Alternative no.: 116328
 A: 75.00 B: 72.00 C: 68.50 mm



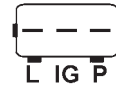
114083 Alternator 14 V, 150 Amp
 Replacing: 104210-5770, 104210-3821,
 104210-2750
 Servicing: Volvo
 Grooves 6, Length 180.00, Pulley SP/FW,
 Fan IF
 Freewheel Pulley: HC-CARGO 237619.
 A: 75.00 B: 72.00 C: 68.00 mm



114085 Alternator 14 V, 40 Amp
 Replacing: 101211-1030
 Servicing: Kubota
 Grooves 1, Length 145.00, Pulley P,
 Fan IF
 A: 44.00 B: 24.00 mm



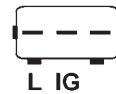
114090 Alternator 14 V, 70 Amp
 Replacing: 102211-8731, 102211-8730,
 101210-1400
 Servicing: Citroen, Peugeot, Toyota
 Grooves 6, Length 170.00, Pulley SP,
 Fan IF
 A: 29.20 B: 22.00 C: 42.50 mm



114097 Alternator 14 V, 60 Amp
 Replacing: 101211-2941, 101211-2940
 Servicing: Cummins, Komatsu
 Grooves 1, Length 152.00, Pulley P,
 Fan IF
 A: 99.00 B: 57.00 mm



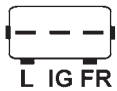
114099 Alternator 14 V, 80 Amp
 Replacing: 102211-8741, 102211-8740,
 101210-1410
 Servicing: Citroen, Peugeot, Toyota
 Grooves 6, Length 167.00, Pulley SP,
 Fan IF
 A: 29.00 B: 20.00 C: 42.00 mm



114113 Alternator 28 V, 60 Amp
 Replacing: 102211-4050, 101211-7960
 Servicing: Komatsu
 Grooves 8, Length 193.00, Pulley SP,
 Fan IF
 A: 89.80 B: 57.70 mm



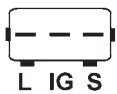
114115 Alternator 14 V, 130 Amp
 Replacing: 104210-3981, 104210-3980,
 104210-3252, 104210-3251, 104210-3250
 Servicing: Toyota
 Grooves 5, Length 166.00, Pulley SP/FW,
 Fan IF
 A: 93.90 B: 53.70 mm



114147 Alternator 14 V, 105 Amp
 Replacing: 102211-2223, 102211-2222, 102211-2221, 102211-2220
 Servicing: Mini
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 38.00 B: 83.00 C: 43.50 mm



114157 Alternator 14 V, 120 Amp
 Replacing: 104210-3551, 104210-3550
 Servicing: Ford
 Grooves 5, Length 170.00, Pulley SP/FW, Fan IF
 A: 73.20 B: 38.20 C: 90.00 mm



114158 Alternator 14 V, 70 Amp
 Replacing: 102211-5640, 102211-5360
 Servicing: Toyota
 Grooves 6, Pulley SP, Fan IF
 A: 34.00 B: 18.00 C: 40.50 mm



114186 Alternator 14 V, 90 Amp
 Replacing: 102211-2480, 102211-2380, 102211-2250, 102211-2120
 Servicing: Toyota
 Grooves 7, Length 170.00, Pulley SP, Fan IF
 A: 34.00 B: 17.00 C: 46.00 mm



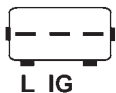
114188 Alternator 14 V, 90 Amp
 Replacing: 101211-9020, 101211-9010
 Servicing: Caterpillar
 Grooves 2, Length 177.00, Pulley DP, Fan IF
 A: 97.00 B: 58.10 mm



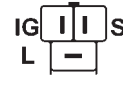
114190 Alternator 14 V, 60 Amp
 Replacing: 101211-2040
 Servicing: Iseki
 Grooves 1, Pulley P, Fan IF
 A: 43.50 B: 21.50 mm



114191 Alternator 14 V, 90 Amp
 Replacing: 102211-9090
 Servicing: Case, Deutz-Fahr
 Grooves 8, Length 178.00, Pulley SP, Fan EF
 A: 74.80 B: 51.00 mm



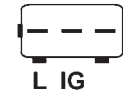
114201 Alternator 14 V, 100 Amp
 Replacing: 102213-2993, 100213-2993, 100213-2992, 100213-2991, 100213-2990, 100213-2982, 100213-2980
 Servicing: Hyundai
 Grooves 6, Pulley SP/FW, Fan IF
 A: 150.50 B: 72.00 mm



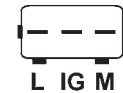
114203 Alternator 14 V, 60 Amp
 Replacing: 100213-1300, 100213-1180, 100213-0790, 100213-0770, 100213-0291, 100213-0290, 100213-0250
 Servicing: Toyota, VW
 Grooves 2, Length 268.00, Pulley DP, Fan EF
 A: 46.00 B: 13.00 C: 99.00 mm



114204 Alternator 14 V, 120 Amp
 Replacing: 102211-8652, 102211-8651, 102211-8650, 102211-8261, 102211-8260
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 204.20, Pulley SP/FW, Fan IF
 A: 112.50 B: 61.50 mm



114205 Alternator 14 V, 40 Amp
 Replacing: 101211-1100
 Servicing: Bobcat
 Grooves 1, Length 141.00, Pulley P, Fan IF
 A: 41.50 B: 21.00 mm

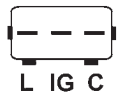


114206 Alternator 14 V, 90 Amp
 Replacing: 102211-2780
 Servicing: Toyota
 Grooves 5, Length 159.00, Pulley SP/FW
 A: 31.50 B: 18.00 C: 42.00 mm

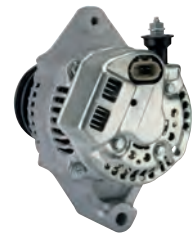
ALTERNATORS



114208 Alternator 14 V, 120 Amp
 Replacing: 104210-4860, 104210-3911
 Servicing: Honda
 Grooves 7, Length 193.00, Pulley SP/FW, Fan IF
 A: 35.50 B: 46.00 C: 44.00 mm



114215 Alternator 14 V, 75 Amp
 Replacing: 102211-2600
 Servicing: Suzuki
 Grooves 4, Length 163.00, Pulley SP, Fan IF
 A: 90.00 B: 56.00 mm



114218 Alternator 14 V, 55 Amp
 Replacing: 101211-2310, 101211-2240
 Servicing: Caterpillar
 Grooves 2, Length 160.00, Pulley DP, Fan IF
 A: 95.00 B: 57.00 mm



114227 Alternator 14 V, 120 Amp
 Replacing: 102211-4121, 102211-4120, 102211-0670
 Servicing: Toyota
 Grooves 1, Length 168.00, Pulley P, Fan IF
 A: 96.00 B: 53.20 mm



114231 Alternator 14 V, 90 Amp
 Replacing: 102211-5250, 102211-1680, 102211-1670
 Servicing: Toyota
 Grooves 4, Pulley SP, Fan IF
 A: 48.00 B: 26.50 C: 39.00 mm



114243 Alternator 14 V, 130 Amp
 Replacing: 121000-4391, 121000-4390
 Servicing: Jeep
 Grooves 8, Length 183.00, Pulley SP, Fan IF
Clutch pulley HC-CARGO 333670 can be fitted, if spacer is removed.
 A: 28.00 B: 12.15 C: 68.00 mm



114248 Alternator 14 V, 150 Amp
 Replacing: 104210-3642, 104210-3641, 104210-3640, 104210-2731, 104210-2730
 Servicing: Ford
 Length 153.00, Pulley w/o, Fan IF
 B: 14.00 C: 52.00 mm



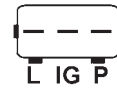
114249 Alternator 14 V, 70 Amp
 Replacing: 101210-0940
 Servicing: Opel, Vauxhall
 Grooves 5, Length 190.00, Pulley SP, Fan IF
 A: 54.50 B: 33.50 C: 59.50 mm



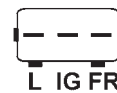
114250 Alternator 14 V, 120 Amp
 Replacing: 104210-3630
 Servicing: Ford
 Length 155.00, Pulley w/o, Fan IF
 B: 17.20 C: 52.20 mm



114251 Alternator 14 V, 60 Amp
 Replacing: 101211-2850
 Servicing: Kubota
 Grooves 1, Length 143.00, Pulley P, Fan IF
 A: 43.50 B: 21.28 mm



114256 Alternator 14 V, 90 Amp
 Replacing: 102211-5700, 102211-1441, 102211-1440, 101211-4280, 101211-0690
 Servicing: Various Agriculture Vehicles, Various Industrial applications
 Grooves 1, Length 155.00, Pulley P, Fan IF
 A: 92.60 B: 58.30 mm



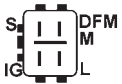
114258 Alternator 14 V, 105 Amp
 Replacing: 102211-2234, 102211-2233, 102211-2232, 102211-2231, 102211-2230
 Servicing: Mini
 Grooves 6, Length 200.00, Pulley SP, Fan IF
 A: 55.00 B: 83.00 C: 43.00 mm



114263 Alternator 14 V, 50 Amp
 Replacing: 101211-3410
 Servicing: John Deere
 Grooves 1, Length 145.00, Pulley SP,
 Fan IF
 A: 44.00 B: 21.10 mm



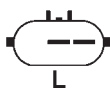
114272 Alternator 14 V, 100 Amp
 Replacing: 104210-4733, 104210-4732,
 104210-4731, 104210-4730, 104210-3293,
 104210-3292, 104210-3291
 Servicing: Honda
 Grooves 7, Length 177.00, Pulley SP,
 Fan IF
 A: 39.50 B: 40.90 C: 45.10 mm



114273 Alternator 14 V, 100 Amp
 Replacing: 104210-3780, 102211-0750
 Servicing: Toyota
 Grooves 7, Length 161.00, Pulley SP,
 Fan IF
 A: 36.00 B: 17.50 C: 46.50 mm



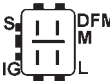
114284 Alternator 14 V, 130 Amp
 Replacing: 101210-0162, 101210-0161,
 101210-0160
 Servicing: Cadillac, Saab
 Grooves 6, Length 200.00, Pulley SP/FW,
 Fan IF
 A: 112.00 B: 61.00 mm



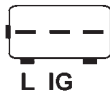
114287 Alternator 14 V, 110 Amp
 Manufacturer: Denso
 Replacing: 02131-9212
 Servicing: Kia
 Grooves 7, Length 195.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 116358
 A: 43.00 B: 28.00 C: 54.30 mm



114288 Alternator 14 V, 50 Amp
 Replacing: 121000-0930, 121000-0830,
 121000-0820, 100210-3080, 100210-2750,
 100210-2700, 100210-2660
 Servicing: Toyota
 Grooves 2, Length 263.00, Pulley DP,
 Fan EF
 Regulator: HC-CARGO 132111.
 A: 49.50 B: 14.50 C: 97.00 mm



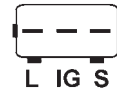
114290 Alternator 14 V, 80 Amp
 Replacing: 104210-9240, 104210-8161,
 104210-8160
 Servicing: Toyota
 Grooves 6, Length 173.00, Pulley SP, Fan IF
 A: 29.00 B: 19.00 C: 37.00 mm



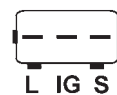
114300 Alternator 14 V, 120 Amp
 Replacing: 100213-2530, 100213-2391
 Servicing: Land Rover
 Grooves 7, Length 236.00, Pulley SP,
 Fan IF
 A: 143.00 B: 69.70 mm



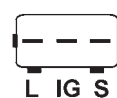
114302 Alternator 28 V, 75 Amp
 Replacing: 102211-8151, 102211-8150
 Servicing: Caterpillar, Various Industrial
 applications
 Terminal W, Length 184.50, Fan IF
 B: 13.40 C: 83.20 mm



114361 Alternator 14 V, 80 Amp
 Replacing: 102211-5511, 102211-5510,
 102211-2610, 102211-2340, 102211-2290,
 102211-2180, 102211-2022
 Servicing: Toyota
 Grooves 6, Length 168.70, Pulley SP,
 Fan IF
 A: 34.00 B: 22.00 C: 40.50 mm



114362 Alternator 14 V, 80 Amp
 Replacing: 102211-5042, 102211-5041,
 102211-5040, 101211-9590, 101211-4132,
 101211-4131, 101211-4130
 Servicing: Toyota
 Grooves 4, Length 160.70, Pulley SP
 A: 90.50 B: 58.00 mm



114363 Alternator 28 V, 60 Amp
 Replacing: 101211-7910
 Servicing: Toyota
 Grooves 2, Length 173.80, Pulley DP
 A: 92.00 B: 58.40 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



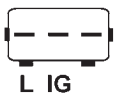
114364 Alternator 28 V, 70 Amp
 Replacing: 101211-7920
 Servicing: Caterpillar
 Grooves 2, Length 184.30, Pulley DP,
 Fan IF
 A: 98.00 B: 58.00 mm



114372 Alternator 14 V, 50 Amp
 Replacing: 100210-4620
 Servicing: Toyota
 Grooves 2, Length 273.00, Pulley DP
 A: 50.00 B: 14.00 C: 97.00 mm



114377 Alternator 14 V, 110 Amp
 Replacing: 121000-3846, 121000-3843,
 121000-3842, 121000-3841
 Servicing: Jeep
 Grooves 6, Length 180.00, Pulley SP/FW,
 Fan IF
 A: 28.00 B: 12.80 C: 68.00 mm



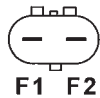
114386 Alternator 14 V, 90 Amp
 Replacing: 100213-2790, 100213-2750,
 100213-2638, 100213-2630, 100213-2272,
 100213-2270
 Servicing: Honda, Land Rover, MG, Rover
 Grooves 6, Length 224.00, Pulley SP,
 Fan IF
 A: 143.00 B: 69.80 mm



114390 Alternator 14 V, 100 Amp
 Replacing: 104211-3410, 104211-3062,
 104211-3061, 104211-3060, 104210-4521,
 104210-4520
 Servicing: Toyota
 Grooves 7, Length 167.50, Pulley SP/FW,
 Fan IF
 A: 24.50 B: 60.20 C: 71.30 mm



114403 Alternator 14 V, 120 Amp
 Replacing: 102211-0830
 Servicing: Komatsu
 Grooves 2, Pulley DP, Fan IF
 A: 99.00 B: 58.00 mm



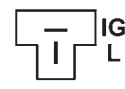
114405 Alternator 14 V, 110 Amp
 Replacing: 121000-3700
 Servicing: Jeep
 Grooves 8, Pulley SP, Fan IF
 A: 34.00 B: 12.00 C: 54.00 mm



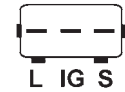
114409 Alternator 14 V, 100 Amp
 Replacing: 101210-0961, 101210-0960
 Servicing: Opel, Vauxhall
 Grooves 6, Length 193.00, Pulley SP/FW,
 Fan IF
 A: 41.00 B: 64.00 C: 55.00 mm



114410 Alternator 14 V, 130 Amp
 Replacing: 104210-4771, 104210-4770,
 104210-4591, 104210-1882, 104210-1881,
 104210-1880
 Servicing: Lexus, Toyota
 Grooves 7, Length 151.70, Pulley SP/FW,
 Fan IF
 A: 24.00 B: 60.00 C: 71.00 mm



114411 Alternator 14 V, 40 Amp
 Replacing: 101211-3723, 101211-3722,
 101211-3721, 101211-3720
 Servicing: Arctic Cat
 Grooves 1, Length 141.00, Pulley P,
 Fan IF
 A: 61.20 B: 29.00 mm



114433 Alternator 14 V, 80 Amp
 Replacing: 102211-1370, 101211-7861,
 101211-7860
 Servicing: Lexus, Toyota
 Grooves 6, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



114451 Alternator 14 V, 105 Amp
 Replacing: 102211-8622, 102211-8621,
 102211-8620, 101210-1201, 101210-1200,
 101210-1131, 101210-1130
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Length 185.00, Pulley SP/FW,
 Fan IF
 A: 41.00 B: 63.50 C: 55.00 mm



114455 Alternator 14 V, 90 Amp
 Replacing: 101210-0912, 101210-0911, 101210-0910
 Servicing: Toyota
 Grooves 6, Length 168.00, Pulley SP/FW, Fan IF
 A: 33.50 B: 20.00 C: 51.00 mm



114462 Alternator 14 V, 70 Amp
 Replacing: 102211-8310, 102211-8281, 102211-8280
 Servicing: Alfa Romeo, Fiat, Ford, Lancia
 Grooves 4, Pulley SP, Fan IF
 A: 68.10 B: 32.50 mm



114490 Alternator 14 V, 100 Amp
 Replacing: 104210-5140, 104210-2220
 Servicing: Toyota
 Grooves 7, Length 151.70, Pulley SP/FW, Fan IF
 A: 23.98 B: 60.00 C: 71.50 mm



114491 Alternator 14 V, 150 Amp
 Replacing: 104210-3691, 104210-3690
 Servicing: Land Rover
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 28.50 B: 50.50 C: 45.00 mm



114493 Alternator 14 V, 100 Amp
 Replacing: 101210-1430, 101210-1091, 101210-1090
 Servicing: Alfa Romeo, Fiat, Lancia, Opel
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 112.50 B: 61.20 mm



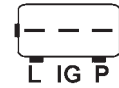
114494 Alternator 14 V, 90 Amp
 Replacing: 101210-0871, 101210-0870
 Servicing: Fiat, Lancia
 Grooves 6, Length 201.00, Pulley SP/FW, Fan IF
 A: 45.00 B: 17.00 C: 54.50 mm



114511 Alternator 14 V, 120 Amp
 Replacing: 421000-0232, 421000-0230
 Servicing: Chrysler, Dodge
 Grooves 6, Length 158.00, Pulley SP, Fan IF
 A: 22.50 B: 69.30 C: 86.00 mm



114515 Alternator 14 V, 45 Amp
 Replacing: 100211-6780
 Servicing: Kubota
 Grooves 2, Length 154.00, Pulley DP, Fan IF
 A: 42.50 B: 24.00 mm



114518 Alternator 14 V, 55 Amp
 Replacing: 101211-2951, 101211-2950
 Servicing: Case, John Deere
 Grooves 1, Length 150.00, Pulley P, Fan IF
 A: 43.00 B: 21.00 mm



114679 Alternator 14 V, 35 Amp
 Replacing: 101211-1242, 101211-1240, 100211-4710
 Servicing: John Deere
 Grooves 1, Length 140.00, Pulley P, Fan IF
 A: 40.00 B: 24.00 mm



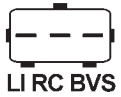
114682 Alternator 14 V, 100 Amp
 Replacing: 104210-2310, 104210-1930
 Servicing: Daihatsu, Toyota
 Grooves 6, Pulley SP/FW, Fan IF
 A: 29.00 B: 20.00 C: 36.50 mm



114683 Alternator 28 V, 80 Amp
 Replacing: 101211-8272, 101211-8271, 101211-8270
 Servicing: Caterpillar, Daihatsu
 Length 215.00, Pulley w/o, Fan EF
 B: 13.70 C: 103.00 mm



114694 Alternator 14 V, 100 Amp
 Replacing: 104211-3420, 104211-3052, 104211-3051, 104211-3050, 104210-2181, 104210-2180
 Servicing: Toyota
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: CA21261R
 A: 33.50 B: 20.00 C: 51.50 mm



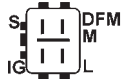
114704 Alternator 14 V, 150 Amp
 Replacing: 104210-3711, 104210-3710
 Servicing: Land Rover
 Grooves 8, Length 173.00, Pulley SP/FW, Fan IF
 Alternative no.: CA19581R
 A: 22.00 B: 50.00 C: 47.00 mm



114706 Alternator 14 V, 120 Amp
 Manufacturer: Marelli
 Replacing: 101210-1470, 101210-1381, 101210-1380
 Servicing: Fiat, Ford, Lancia
 Grooves 5, Length 185.00, Pulley SP, Fan IF
 Alternative no.: CA20701R
 A: 16.00 B: 24.00 C: 50.00 mm



114708 Alternator 14 V, 50 Amp
 Replacing: 101211-3451, 101211-3450
 Servicing: Daihatsu
 Grooves 4, Length 143.00, Pulley SP, Fan IF
 A: 47.50 B: 29.50 mm



114709 Alternator 14 V, 90 Amp
 Manufacturer: Bosch
 Replacing: 102211-9280, 102211-8500, 101210-0891, 101210-0890
 Servicing: Toyota
 Grooves 6, Length 173.00, Pulley SP, Fan IF
 Alternative no.: JA18941R, 116332
 A: 34.00 B: 18.00 C: 40.00 mm



114714 Alternator 28 V, 80 Amp
 Replacing: 102211-8141, 102211-8140
 Servicing: Caterpillar, Terex
 Terminal W, Length 178.00, Pulley w/o, Fan IF
 B: 14.00 C: 82.00 mm



114725 Alternator 14 V, 50 Amp
 Replacing: 101211-3580
 Servicing: Toyota
 Grooves 1, Length 150.00, Pulley P, Fan IF
 A: 94.00 B: 58.00 mm



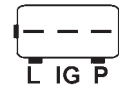
114749 Alternator 14 V, 150 Amp
 Replacing: 104210-5021, 104210-5020, 104210-2780
 Servicing: Alfa Romeo, Fiat
 Grooves 5, Length 167.00, Pulley SP/FW, Fan IF
 Alternative no.: CA20161R
 A: 28.00 B: 14.20 C: 64.50 mm



114751 Alternator 14 V, 45 Amp
 Replacing: 101211-3781, 101211-3780
 Servicing: Kubota
 Grooves 1, Pulley P, Fan IF
 A: 42.00 B: 21.00 mm



114754 Alternator 14 V, 120 Amp
 Replacing: 101210-0971, 101210-0970
 Servicing: Opel, Renault, Vauxhall
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: CA19871R
 A: 41.00 B: 64.00 C: 55.00 mm



114770 Alternator 14 V, 80 Amp
 Replacing: 102211-9050
 Servicing: Various Industrial applications
 Grooves 5, Length 155.00, Pulley SP, Fan IF
 A: 90.70 B: 58.50 mm



114804 Alternator 14 V, 105 Amp
 Replacing: 101210-0921, 101210-0920
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: CA19891R
 B: 14.50 C: 52.00 mm



114806 Alternator 14 V, 120 Amp
 Replacing: 101210-1081, 101210-1080
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia
 Grooves 5, Pulley SP/FW, Fan IF
 Alternative no.: CA1969IR, 115874
 A: 16.00 B: 24.00 C: 50.00 mm



114810 Alternator 14 V, 150 Amp
 Replacing: 104210-4640, 104210-3560
 Servicing: Volvo
 Grooves 5, Pulley SP/FW, Fan IF
 Alternative no.: CA1966IR
 A: 33.50 B: 33.00 C: 91.50 mm



114813 Alternator 28 V, 65 Amp
 Replacing: 101211-8140
 Servicing: Various Agriculture Vehicles,
 Various Industrial applications
 Length 230.00, Pulley w/o, Fan EF
 B: 13.00 C: 102.00 mm



114827 Alternator 14 V, 120 Amp
 Replacing: 02131-9132, 02131-9131, 02131-9130
 Servicing: Hyundai, Kia
 Grooves 6, Length 193.00, Pulley SP/FW,
 Fan IF
 Alternative no.: CA2122IR
 A: 43.00 B: 20.00 C: 55.50 mm



114828 Alternator 14 V, 90 Amp
 Replacing: 100210-4520, 100210-4510
 Servicing: Jeep
 Grooves 8, Length 245.00, Pulley SP,
 Fan IF
 A: 142.00 B: 70.00 mm



114881 Alternator 14 V, 80 Amp
 Replacing: 102211-9260
 Servicing: Suzuki
 Grooves 5, Length 170.00, Pulley SP,
 Fan IF
 Alternative no.: CA2004IR
 A: 90.00 B: 57.50 mm



114895 Alternator 14 V, 70 Amp
 Replacing: 101210-0951, 101210-0950
 Servicing: Opel, Vauxhall
 Grooves 6, Length 170.00, Pulley SP/FW,
 Fan IF
 Alternative no.: CA1955IR
 A: 40.00 B: 64.00 C: 55.00 mm



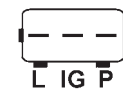
114897 Alternator 14 V, 80 Amp
 Manufacturer: Denso
 Replacing: 104210-9290, 104210-9250,
 104210-8350
 Servicing: Daihatsu, Toyota
 Grooves 6, Pulley SP, Fan IF
 A: 29.50 B: 19.00 C: 36.30 mm



114899 Alternator 14 V, 70 Amp
 Replacing: 102211-8221, 102211-8220
 Servicing: Fiat, Lancia
 Grooves 4, Length 184.00, Pulley SP,
 Fan IF
 Alternative no.: CA1844IR
 A: 54.95 B: 32.00 mm



114900 Alternator 14 V, 100 Amp
 Replacing: 104210-9260, 104210-2470
 Servicing: Daihatsu, Toyota
 Grooves 6, Length 173.00, Pulley SP/FW,
 Fan IF
 A: 29.00 B: 19.00 C: 37.40 mm



114902 Alternator 14 V, 90 Amp
 Replacing: 102211-9010, 102211-1830
 Servicing: Caterpillar
 Grooves 2, Length 174.00, Pulley DP,
 Fan IF
 A: 95.50 B: 58.00 mm

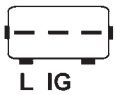


114904 Alternator 14 V, 100 Amp
 Replacing: 104210-2300
 Servicing: Daihatsu, Toyota
 Grooves 6, Length 170.00, Pulley SP/FW,
 Fan IF
 A: 29.50 B: 19.00 C: 37.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



115305 Alternator 14 V, 140 Amp
 Replacing: 104210-4660
 Servicing: Suzuki
 Grooves 7, Length 175.00, Pulley SP/FW, Fan IF
 A: 32.50 B: 16.00 C: 55.00 mm



115308 Alternator 14 V, 120 Amp
 Replacing: 102211-8631, 102211-8630
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Pulley SP/FW, Fan IF
 A: 41.00 B: 64.50 C: 54.50 mm



115319 Alternator 14 V, 45 Amp
 Replacing: 101211-8680
 Servicing: Briggs & Stratton
 Pulley w/o, Fan IF
 B: 21.00 mm



115321 Alternator 14 V, 60 Amp
 Replacing: 101211-8620
 Servicing: John Deere
 Length 146.00, Pulley w/o, Fan IF
 B: 24.00 mm



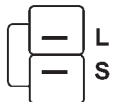
115342 Alternator 14 V, 40 Amp
 Replacing: 101211-1390
 Servicing: Case, New Holland
 Grooves 1, Pulley P, Fan IF
 A: 43.00 B: 21.00 mm



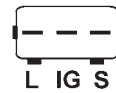
115346 Alternator 14 V, 120 Amp
 Replacing: 101210-1391, 101210-1390
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 41.50 B: 64.00 C: 55.00 mm



115385 alternator 28 V, 95 Amp
 Replacing: 101211-8341, 101211-8340
 Servicing: Caterpillar
 Terminal W, Length 230.00, Pulley w/o, Fan EF
 B: 14.20 C: 102.00 mm



115409 Alternator 14 V, 120 Amp
 Replacing: 02131-9262, 02131-9261
 Servicing: Hyundai, Kia
 Grooves 6, Pulley SP/FW, Fan IF
 A: 103.00 B: 63.00 mm



115415 Alternator 14 V, 120 Amp
 Replacing: 101211-7872, 101211-7871, 101211-7870
 Servicing: Toyota
 Grooves 2, Length 171.00, Pulley DP, Fan IF
 A: 91.50 B: 58.00 mm



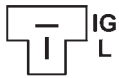
115429 Alternator 14 V, 120 Amp
 Replacing: 101210-1440, 101210-1321, 101210-1320, 101210-1101, 101210-1100
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Length 202.00, Pulley SP/FW, Fan IF
 A: 52.00 B: 61.00 mm



115435 Alternator 14 V, 50 Amp
 Replacing: 101211-2201, 101211-2200
 Servicing: John Deere
 Grooves 1, Length 145.00, Pulley P, Fan IF
 A: 42.00 B: 21.00 mm



115457 Alternator 14 V, 120 Amp
 Manufacturer: Denso
 Replacing: 101210-1840, 101210-1670
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 5, Length 197.00, Pulley SP/FW, Fan IF
 Alternative no.: 116125
 A: 17.00 B: 24.00 C: 50.00 mm



115462 Alternator 14 V, 60 Amp
 Replacing: 101211-2471, 101211-2470
 Servicing: John Deere
 Grooves 1, Length 148.00, Pulley P,
 Fan IF
 A: 46.50 B: 24.00 mm



115546 Alternator 14 V, 80 Amp
 Manufacturer: Denso
 Replacing: 101210-1721, 101210-1720
 Servicing: Citroen, Peugeot
 Grooves 6, Length 177.40, Pulley SP/FW,
 Fan IF
 Alternative no.: 116357
 A: 42.40 B: 21.00 C: 45.80 mm

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115551 Alternator 14 V, 90 Amp
 Replacing: 101210-1480
 Grooves 4, Length 187.50, Pulley SP,
 Fan IF
 A: 54.60 B: 33.00 mm



115578 Alternator 14 V, 120 Amp
 Replacing: 101210-1421, 101210-1420
 Servicing: Fiat
 Grooves 6, Pulley SP/FW, Fan IF
 A: 41.70 mm



115579 Alternator 14 V, 120 Amp
 Replacing: 104210-3840
 Servicing: Ford
 Grooves 6, Length 168.00, Pulley SP/FW,
 Fan IF
 A: 41.50 B: 13.70 C: 52.00 mm



115601 Alternator 14 V, 120 Amp
 Replacing: 104210-5760, 104210-4022,
 104210-4021, 104210-4020
 Servicing: Ford, Volvo
 Grooves 6, Length 157.00, Pulley SP,
 Fan IF
 A: 11.00 B: 72.00 C: 49.50 mm



115615 Alternator 14 V, 105 Amp
 Replacing: 102211-8482, 102211-8481,
 102211-8480, 102211-8461, 102211-8460
 Servicing: Fiat
 Grooves 5, Length 183.00, Pulley SP,
 Fan IF
 A: 17.00 C: 50.00 mm



115620 Alternator 14 V, 105 Amp
 Replacing: 102211-8691, 102211-8690
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 4, Length 195.00, Pulley SP,
 Fan IF
 A: 68.50 B: 32.00 mm



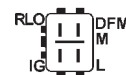
115632 Alternator 14 V, 150 Amp
 Replacing: 104210-1060
 Servicing: Hyundai, Kia
 Grooves 6, Length 172.00, Pulley SP/FW,
 Fan IF
 A: 52.00 B: 20.00 C: 38.00 mm



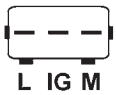
115633 Alternator 28 V, 40 Amp
 Replacing: 101211-6321, 101211-6320
 Servicing: Hitachi
 Grooves 3, Length 215.00, Pulley Triple
 Pulley, Fan EF
 A: 60.50 B: 14.50 C: 71.50 mm



115647 Alternator 14 V, 90 Amp
 Replacing: 102211-8681, 102211-8680
 Servicing: Alfa Romeo, Fiat
 Grooves 4, Length 210.00, Pulley SP,
 Fan IF
 A: 69.00 B: 32.00 mm



115657 Alternator 14 V, 100 Amp
 Replacing: 104210-2520, 104210-2320
 Servicing: Toyota
 Grooves 6, Length 169.50, Pulley SP/FW,
 Fan IF
 Alternative no.: CA2097IR
 A: 47.00 B: 20.00 C: 42.50 mm



115660 Alternator 14 V, 70 Amp
 Replacing: 102211-5380, 102211-5260
 Servicing: Toyota, VW
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 34.00 B: 18.00 C: 41.00 mm



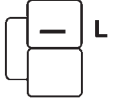
115667 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: 101210-1700
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 64.00 C: 55.00 mm



115669 Alternator 14 V, 150 Amp
 Replacing: 104210-2370
 Servicing: Toyota
 Grooves 7, Length 165.00, Pulley SP/FW, Fan IF
 A: 23.50 B: 60.00 C: 71.00 mm



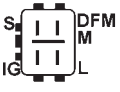
115679 Alternator 14 V, 130 Amp
 Replacing: TN104210-1840, 104210-1840
 Servicing: Chrysler, Fiat
 Grooves 6, Length 197.00, Pulley SP/FW, Fan IF
 A: 113.50 B: 61.50 C: 61.50 mm



115683 Alternator 14 V, 85 Amp
 Replacing: 104210-9033, 104210-9032, 104210-9031
 Servicing: Isuzu
 Grooves 7, Length 185.00, Pulley SP, Fan IF
 A: 43.00 B: 13.00 C: 80.00 mm



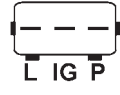
115701 Alternator 14 V, 220 Amp
 Replacing: 104210-6080
 Servicing: Jeep
 Grooves 6, Pulley SP/FW, Fan IF
 A: 52.00 B: 70.00 C: 42.00 mm



115704 Alternator 14 V, 150 Amp
 Replacing: 104210-3871, 104210-3870
 Servicing: Renault
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 96.50 B: 58.00 mm



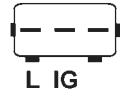
115720 Alternator 14 V, 150 Amp
 Replacing: 104210-6120
 Servicing: Jaguar
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 22.00 B: 50.00 C: 47.50 mm



115724 Alternator 14 V, 45 Amp
 Replacing: 101211-3561, 101211-3560
 Servicing: Caterpillar, VM (Stabilimenti Mec)
 Pulley w/o, Fan IF
 B: 20.00 C: 66.00 mm



115742 Alternator 14 V, 100 Amp
 Replacing: 102211-8121, 102211-8120
 Servicing: JCB
 Length 177.00, Pulley w/o, Fan IF
 B: 14.00 C: 83.00 mm



115748 Alternator 14 V, 120 Amp
 Replacing: 101211-7633, 101211-7632, 101211-7631, 101211-7630
 Servicing: Jaguar
 Grooves 7, Length 190.00, Pulley SP, Fan IF
 A: 90.50 B: 58.00 mm



115749 Alternator 14 V, 220 Amp
 Replacing: 104210-6592, 104210-6591, 104210-6590
 Servicing: Chrysler, Jeep, Lancia
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 52.00 B: 70.00 C: 41.50 mm



115750 Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 104210-5780, 104210-3542
 Servicing: Ford, Ford Australia
 Grooves 6, Length 176.80, Pulley SP,
 Fan IF
 A: 74.60 B: 72.00 C: 68.30 mm



115752 Alternator 14 V, 90 Amp
 Replacing: 100213-2380
 Servicing: Opel, Vauxhall
 Grooves 8, Length 234.00, Pulley SP,
 Fan IF
 A: 148.80 B: 69.80 mm



115762 Alternator 14 V, 90 Amp
 Replacing: 102211-8052, 102211-8051,
 102211-8050
 Servicing: Ford
 Grooves 6, Length 161.00, Pulley SP,
 Fan IF
 A: 11.00 B: 72.10 C: 49.50 mm



115787 Alternator 14 V, 120 Amp
 Replacing: 102211-0870
 Servicing: Jaguar
 Grooves 6, Length 202.00, Pulley SP/
 FW, Fan IF
 A: 97.00 B: 58.00 mm



115788 Alternator 14 V, 120 Amp
 Replacing: 102211-0860
 Servicing: Jaguar
 Grooves 6, Length 197.00, Pulley SP,
 Fan IF
 A: 97.00 B: 58.00 mm



115789 Alternator 14 V, 120 Amp
 Replacing: 101211-7892, 101211-7891
 Servicing: Jaguar
 Grooves 6, Pulley SP, Fan IF
 A: 40.00 C: 74.00 mm



115790 Alternator 14 V, 100 Amp
 Replacing: 101211-7370
 Servicing: Lexus
 Grooves 4, Length 161.00, Pulley SP,
 Fan IF
 A: 90.00 B: 58.00 mm



115791 Alternator 14 V, 90 Amp
 Replacing: 102211-9070, 102211-1960,
 102211-1950
 Servicing: Toyota
 Grooves 4, Pulley SP, Fan IF
 A: 33.00 B: 18.00 C: 41.60 mm



115792 Alternator 14 V, 130 Amp
 Replacing: 101211-8390
 Servicing: Kenworth
 Pulley w/o, Fan EF
 B: 80.00 C: 108.00 mm



115793 Alternator 14 V, 130 Amp
 Replacing: 101211-8360, 101211-8120
 Servicing: Freightliner, Mack
 Pulley w/o, Fan EF
 B: 13.00 C: 102.00 mm



115794 Alternator 28 V, 95 Amp
 Replacing: 101211-8401, 101211-8400
 Servicing: Caterpillar
 Length 221.00, Pulley w/o, Fan EF
 B: 80.20 C: 107.80 mm



115813 Alternator 14 V, 150 Amp
 Replacing: 104210-3370
 Servicing: Renault
 Grooves 6, Length 204.00, Pulley SP/
 FW, Fan IF
 A: 96.00 B: 58.00 mm



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115831* Alternator 14 V, 55 Amp
Replacing: 101211-2780
Servicing: Caterpillar
Grooves 1, Pulley P, Fan IF



115836 Alternator 14 V, 105 Amp
Replacing: 104210-5370
Servicing: Honda
Grooves 7, Length 160.00, Pulley SP,
Fan IF
A: 45.00 B: 20.00 C: 38.00 mm



115852 Alternator 14 V, 105 Amp
Replacing: 101210-1271, 101210-1270
Servicing: Alfa Romeo, Fiat, Lancia
Grooves 6, Length 185.00, Pulley SP,
Fan IF
A: 41.50 B: 64.00 C: 55.00 mm



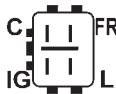
115863 Alternator 14 V, 100 Amp
Replacing: 104210-8480, 104210-5352,
104210-5351, 104210-5350, 104210-5290
Servicing: Toyota
Grooves 6, Length 175.00, Pulley SP/FW,
Fan IF
A: 33.00 B: 20.00 C: 51.00 mm



115864 Alternator 14 V, 90 Amp
Replacing: 102211-1471
Servicing: MG, Rover
Grooves 6, Length 168.00, Pulley SP,
Fan IF
A: 90.00 B: 58.00 mm



115865 Alternator 14 V, 95 Amp
Replacing: 102211-1860, 102211-1850,
101211-9880, 101211-9821, 101211-9820
Servicing: Honda
Grooves 4, Length 157.00, Pulley SP,
Fan IF
A: 32.00 B: 58.00 mm



115866 Alternator 14 V, 150 Amp
Replacing: 104210-1170
Servicing: Fiat, Suzuki
Grooves 6, Length 192.00, Pulley SP/FW,
Fan IF
A: 101.50 B: 61.10 mm



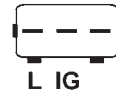
115868 Alternator 14 V, 70 Amp
Replacing: 102211-6100
Servicing: Nissan, Suzuki
Grooves 5, Length 168.00, Pulley SP,
Fan IF
Alternative no.: CA2107IR
A: 91.00 B: 58.25 mm



115874 Alternator 14 V, 120 Amp
Manufacturer: Denso
Replacing: 101210-1081, 101210-1080
Servicing: Abarth, Alfa Romeo, Fiat, Lancia
Grooves 5, Length 196.00, Pulley SP/FW,
Fan IF
Alternative no.: 114806, CA1969IR
A: 16.00 B: 24.00 C: 50.00 mm



115928 Alternator 14 V, 150 Amp
Replacing: 104210-3701, 104210-3700
Servicing: Land Rover
Grooves 6, Length 165.00, Pulley SP,
Fan IF
A: 29.00 B: 50.20 C: 47.00 mm



115929 Alternator 14 V, 70 Amp
Replacing: 102211-5470, 102211-5450
Servicing: Daihatsu
Grooves 4, Length 153.00, Pulley SP,
Fan IF
A: 48.00 B: 27.00 C: 39.50 mm



115930 Alternator 14 V, 150 Amp
Replacing: 104210-3951, 104210-3950
Servicing: Land Rover
Grooves 8, Length 165.00, Pulley SP/FW,
Fan IF
A: 22.00 B: 50.00 C: 47.00 mm



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115931* Alternator 14 V, 170 Amp
 Replacing: 104210-6022, 104210-6021, 104210-6020
 Servicing: BMW
 Grooves 7, Pulley SP/FW, Fan IF
 Alternative no.: CA2144IR

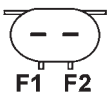


115932 Alternator 14 V, 120 Amp
 Replacing: 101210-1640
 Servicing: Alfa Romeo, Fiat
 Grooves 6, Length 200.10, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.00 mm



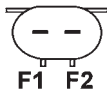
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115933 Alternator 14 V, 150 Amp
 Replacing: 104210-1971, 104210-1970
 Servicing: Ford, Suzuki
 Grooves 6, Length 205.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.50 C: 31.50 mm



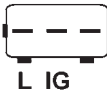
F1 F2

115935 Alternator 14 V, 130 Amp
 Replacing: 121000-4551, 121000-4550, 121000-4521, 121000-4520, 121000-3851, 121000-3850
 Servicing: Jeep
 Grooves 6, Pulley SP/FW, Fan IF
 A: 27.00 B: 12.00 C: 67.50 mm



F1 F2

115936 Alternator 14 V, 150 Amp
 Replacing: 421000-0074, 421000-0070, 421000-0030
 Servicing: Chrysler, Dodge
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 22.00 B: 69.00 C: 85.00 mm



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115957 Alternator 14 V, 70 Amp
 Replacing: 104210-8121
 Servicing: Suzuki
 Grooves 5, Length 153.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



115963 Alternator 14 V, 90 Amp
 Replacing: 101210-1191, 101210-1190, 101210-1121, 101210-1120
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 196.00, Pulley SP/FW, Fan IF

Alternative no.: CA1862IR, 113722
 A: 41.00 B: 64.20 C: 55.00 mm



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115983 Alternator 14 V, 130 Amp
 Replacing: 104210-1150, 104210-1140
 Servicing: Honda
 Grooves 7, Length 165.00, Pulley SP/FW, Fan IF
 A: 36.00 B: 46.00 C: 44.00 mm



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116007 Alternator 14 V, 150 Amp
 Replacing: 104210-2420
 Servicing: Land Rover
 Grooves 6, Length 178.00, Pulley SP/FW, Fan IF
 A: 22.50 B: 49.30 C: 47.50 mm



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116027 Alternator 14 V, 110 Amp
 Replacing: 02131-9340
 Servicing: Hyundai
 Grooves 7, Length 174.00, Pulley SP/FW, Fan IF
 A: 45.00 B: 15.50 C: 31.50 mm



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116029 Alternator 28 V, 60 Amp
 Replacing: 100211-6260, 100211-6250, 100211-6240
 Servicing: Toyota
 Grooves 2, Length 174.00, Pulley DP, Fan IF
 A: 92.00 B: 58.00 mm



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116055 Alternator 28 V, 60 Amp
 Replacing: 102211-4080
 Servicing: Komatsu
 Grooves 2, Length 183.00, Pulley DP, Fan IF
 A: 92.00 B: 58.00 mm



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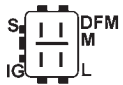
116056 Alternator 14 V, 150 Amp
 Replacing: 104210-3720
 Servicing: Jaguar
 Grooves 6, Length 183.00, Pulley SP/FW, Fan IF
 A: 22.00 B: 50.00 C: 48.00 mm



116064 Alternator 14 V, 75 Amp
 Replacing: 102211-8612, 102211-8611, 102211-8610, 101210-1181, 101210-1180, 101210-1111, 101210-1110
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 113720 , CA1855IR
 A: 40.00 B: 64.00 C: 55.00 mm



116089 Alternator 14 V, 120 Amp
 Replacing: 101210-1331, 101210-1330
 Servicing: Abarth, Fiat
 Grooves 5, Length 199.00, Pulley SP/FW, Fan IF
 A: 116.00 B: 61.00 mm



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116090* Alternator 14 V, 100 Amp
 Replacing: 104210-4920, 104210-4230
 Servicing: Faw Toyota, Toyota
 Grooves 7, Pulley SP, Fan IF
 A: 40.00 B: 18.20 C: 30.60 mm



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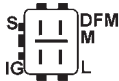
116094 Alternator 14 V, 120 Amp
 Replacing: 101210-1710
 Servicing: Alfa Romeo, Fiat, Jeep
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 112.50 B: 61.10 mm



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116125 Alternator 14 V, 120 Amp
 Replacing: 101210-1840, 101210-1670
 Servicing: Fiat
 Grooves 5, Length 197.00, Pulley SP/FW, Fan IF
 Alternative no.: 115457
 A: 17.00 B: 24.00 C: 50.00 mm



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116140 Alternator 14 V, 150 Amp
 Replacing: 104210-3652, 104210-3651, 104210-3650, 104210-3450
 Servicing: Lexus, Toyota
 Grooves 6, Pulley SP, Fan IF



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116141* Alternator 14 V, 210 Amp
 Replacing: 104210-6090
 Servicing: Chrysler
 Grooves 6, Pulley SP/FW, Fan IF

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116148* Alternator 14 V, 150 Amp
 Replacing: 104210-1650
 Servicing: Honda
 Grooves 7, Pulley SP/FW, Fan IF

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116219* Alternator 14 V, 100 Amp
 Replacing: 104211-3340, 104211-3090, 104211-3022, 104211-3021, 104211-3020, 104210-3020, 104210-1350
 Pulley SP/FW, Fan IF



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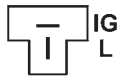
116220 Alternator 14 V, 170 Amp
 Replacing: 104210-6395, 104210-6394, 104210-6393, 104210-6392, 104210-6391, 104210-6390
 Servicing: BMW, BMW (Brilliance)
 Grooves 6, Length 179.00, Pulley SP/FW, Fan IF
 A: 49.50 B: 27.80 C: 75.50 mm



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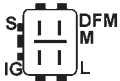
116294 Alternator 14 V, 150 Amp
 Replacing: 104210-3523, 104210-3522, 104210-3521
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 168.00, Pulley SP/FW, Fan IF
 Alternative no.: 113849 , CA1834IR
 A: 42.50 B: 21.00 C: 45.00 mm



116313* Alternator 14 V, 60 Amp
 Replacing: 101211-8522, 101211-8521, 101211-8520
 Servicing: Kubota
 Grooves 1, Length 150.00, Pulley P, Fan IF
 A: 43.00 B: 21.00 mm



116330* Alternator 14 V, 75 Amp
 Replacing: 101211-1211, 101210-1211, 101210-1210
 Servicing: Fiat, Lancia
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 Alternative no.: 113721
 A: 40.50 B: 63.90 C: 55.00 mm



116332 Alternator 14 V, 90 Amp
 Replacing: 102211-9280, 102211-8500, 101210-0891, 101210-0890
 Servicing: Toyota
 Grooves 6, Length 163.00, Pulley SP, Fan IF
 Alternative no.: 114709
 A: 34.50 C: 40.00 mm



116357* Alternator 14 V, 80 Amp
 Replacing: 101210-1721, 101210-1720
 Servicing: Citroen, Peugeot
 Grooves 6, Length 178.00, Pulley SP/FW, Fan IF
 Alternative no.: 115546
 A: 42.40 B: 21.00 C: 45.80 mm

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116358* Alternator
 Replacing: 02131-9212
 Servicing: Kia

Alternative no.: 114287



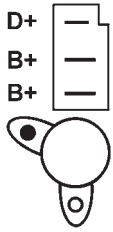
116366 Alternator 14 V, 130 Amp
 Replacing: 104210-3052, 104210-3051, 104210-3050
 Servicing: Toyota
 Grooves 5, Length 165.00, Pulley FW, Fan IF
 A: 92.50 B: 53.00 mm

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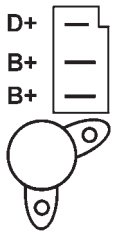
116442* Alternator 14 V, 210 Amp
 Replacing: 104210-6406, 104210-6405, 104210-6404, 104210-6403, 104210-6402, 104210-6401, 104210-6400
 Servicing: BMW
 Grooves 6, Pulley SP/FW, Fan IF

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116444* Alternator 14 V, 100 Amp
 Replacing: 101211-7800
 Servicing: Lexus
 Grooves 6



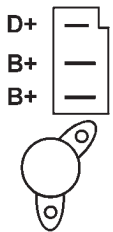
110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 516011
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



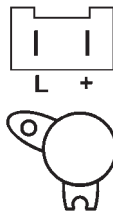
110358 Alternator 14 V, 55 Amp
 Replacing: 516055
 Servicing: Mercedes-Benz, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 77.50 B: 56.00 mm



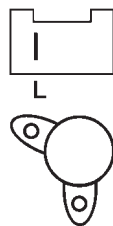
110743 Alternator 14 V, 30 Amp
 Replacing: 7542, 7536, 7534, 7532, 7522, 451003
 Servicing: Citroen
 Grooves 1, Length 155.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130679.
 A: 61.00 B: 40.00 mm



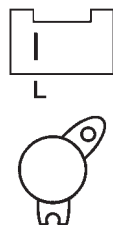
110913 Alternator 14 V, 70 Amp
 Replacing: 510018
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm



111071 Alternator 14 V, 75 Amp
 Replacing: 516015A, 516015, 516013C, 516013BC, 516013B, 516013A, 516013, 451068
 Servicing: Citroen, Peugeot
 Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 61.85 B: 35.90 C: 53.00 mm



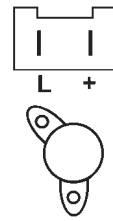
111075 Alternator 14 V, 55 Amp
 Replacing: 516051, 516039, 512010
 Servicing: Citroen, Peugeot, Talbot, Vauxhall
 Grooves 1, Length 161.50, Pulley P, Fan EF
 A: 59.50 B: 40.00 mm



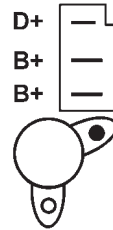
111076 Alternator 14 V, 50 Amp
 Replacing: 516043
 Servicing: Citroen, Opel, Peugeot, Talbot
 Grooves 4, Length 163.50, Pulley SP, Fan EF
 A: 46.35 B: 26.80 C: 66.00 mm



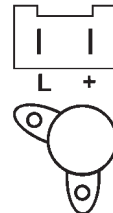
111078 Alternator 14 V, 45 Amp
 Replacing: 516032
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava
 Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 53.25 B: 23.50 mm



111082 Alternator 14 V, 60 Amp
 Replacing: 516074, 516064, 516062
 Servicing: Renault
 Grooves 1, Length 178.25, Pulley P, Fan EF
 A: 100.95 B: 56.00 mm



111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 516027
 Servicing: Austin, Ford, Mercury, MG, Rover, Suzuki
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm



112728 Alternator 14 V, 55 Amp
 Replacing: 516058, 516053A
 Servicing: Renault
 Grooves 1, Length 176.00, Pulley P, Fan EF
 A: 102.00 B: 56.00 mm



112768 Alternator 14 V, 55 Amp
 Replacing: 451013
 Servicing: Alfa Romeo, Fiat, Goldoni
 Terminal W, Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 47.00 B: 15.00 C: 70.00 mm



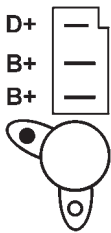
110348 Alternator 14 V, 55 Amp
 Replacing: A125-55S, A125-09
 Servicing: Lada
 Grooves 1, Length 162.00, Pulley P,
 Fan EF
 A: 45.00 B: 19.60 C: 63.00 mm



110350 Alternator 14 V, 44 Amp
 Replacing: A124-44S, A124-15
 Servicing: Fiat, Lada
 Grooves 1, Length 166.00, Pulley P,
 Fan EF
 A: 46.50 B: 19.50 C: 60.50 mm



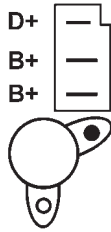
110611 Alternator 14 V, 55 Amp
 Replacing: A124N, 3370000
 Servicing: Allis Chalmers, Fiat, Seat
 Grooves 1, Length 175.00, Pulley P,
 Fan EF
 Regulator: HC-CARGO 130613.
 A: 48.00 B: 17.00 C: 65.00 mm



110968 Alternator 14 V, 70 Amp
 Replacing: ALT2N-14
 Servicing: Austin, Case, Dronningborg,
 Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P,
 Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 Alternative no.: CA1459IR
 A: 34.00 B: 11.00 C: 82.00 mm



111036 Alternator 14 V, 45 Amp
 Replacing: A125-45C
 Servicing: Autobianchi, Fiat, Lancia
 Grooves 1, Pulley P, Fan EF
 HC-CARGO 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: A155-55D, A125-07
 Servicing: Austin, Ford, Mercury, MG, Rover,
 Suzuki
 Grooves 1, Length 170.00, Pulley P,
 Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm

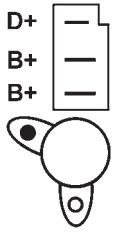


111148 Alternator 14 V, 65 Amp
 Replacing: A125-65B, 283020.1
 Servicing: Autobianchi, Fiat, Lancia, Zastava
 Grooves 1, Length 165.50, Pulley P,
 Fan w/o
 A: 52.25 B: 23.00 C: 73.00 mm



111687 Alternator 14 V, 55 Amp
 Replacing: A125-55T, A125-55E
 Servicing: Fiat
 Grooves 1, Length 174.00, Pulley P,
 Fan EF
 A: 53.00 B: 23.50 mm

ALTERNATORS



110178 Alternator 14 V, 36 Amp

Manufacturer: Lucas

Replacing: ALT12N-39, ALT12N-14, ALT12N-11, ALP12N-2

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover

Length 164.00, Pulley w/o, Fan EF

For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.

B: 10.00 C: 87.00 mm



110348 Alternator 14 V, 55 Amp

Replacing: ALS12N-82

Servicing: Lada

Grooves 1, Length 162.00, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm



110350 Alternator 14 V, 44 Amp

Replacing: ALS12-81

Servicing: Fiat, Lada

Grooves 1, Length 166.00, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



110611 Alternator 14 V, 55 Amp

Replacing: ALB40-86, ALB40-68

Servicing: Allis Chalmers, Fiat, Seat

Grooves 1, Length 175.00, Pulley P, Fan EF

Regulator: HC-CARGO 130613.

A: 48.00 B: 17.00 C: 65.00 mm



110743 Alternator 14 V, 30 Amp

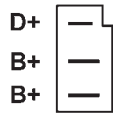
Replacing: ALN12-1, ALD12N-53

Servicing: Citroen

Grooves 1, Length 155.00, Pulley P, Fan EF

Regulator: HC-CARGO 130679.

A: 61.00 B: 40.00 mm



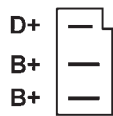
110759 Alternator 14 V, 35 Amp

Replacing: ALP12N-12

Servicing: Austin, Ford, Mercury

Length 160.00, Pulley P, Fan EF

B: 10.50 C: 79.00 mm



110968 Alternator 14 V, 70 Amp

Replacing: ALT12N-2, ALT12N-13, ALF12-18

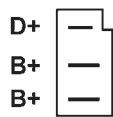
Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

Grooves 1, Length 167.00, Pulley P, Fan EF

Pulley distance is ok from 34.00 to 43.00 mm.

Alternative no.: CA1459IR

A: 34.00 B: 11.00 C: 82.00 mm



110969 Alternator 14 V, 65 Amp

Replacing: ALP12N-1

Servicing: Land Rover, Various Agriculture Vehicles

Grooves 1, Length 167.50, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm



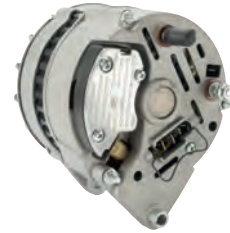
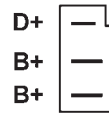
111078 Alternator 14 V, 45 Amp

Replacing: ALP12N-24, ALP12N-20

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

Grooves 1, Length 169.00, Pulley P, Fan EF

A: 53.25 B: 23.50 mm



111289 Alternator 14 V, 70 Amp

Replacing: ALT12N39, ALS12N-75, ALS12N-72, ALS12N-51

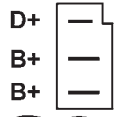
Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF

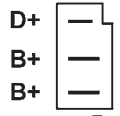
A: 35.00 B: 12.50 C: 80.00 mm



110133 Alternator 14 V, 35 Amp
 Replacing: GLE105A, GLE-105A, D47Z10346A, D47Z-10346-A
 Servicing: Mazda
 Grooves 1, Length 155.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130615, 6 pins.
 Regulator: HC-CARGO 130616, 6+1 pins.
 A: 42.00 B: 12.50 C: 80.50 mm



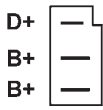
110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 77FB10300FB, 77FB10300FA, 76BB10300ED, 76BB10300EA, 74DB10436A, 69EB10346AD, 5003897, 1537179
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



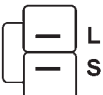
110179 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 86BB10300DB, 86AB10300DA
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall
 Length 162.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.75 C: 88.00 mm



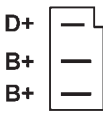
110237 Alternator 14 V, 60 Amp
 Replacing: E6SF10300EA, E27F10300BA, E1GF10300DA, E1EF10300HA, D9ZF10300AA, D9VY10346A, D9UF10300BA
 Servicing: American Motors, Ford, Jeep, Lincoln, Mercury
 Grooves 1, Pulley P, Fan EF
 Replacing: 1G series. Regulator: HC-CARGO 130506.
 A: 101.00 B: 76.25 mm



110607 Alternator 14 V, 70 Amp
 Replacing: U88VG10K359AA, R89FX10300BA, 894FX10300BA, 894FX10300AA, 894F10300BA, 884F10K359GB, 884F10K359AB
 Servicing: Ford
 Grooves 4, Length 201.50, Pulley SP, Fan w/o
 As HC-CARGO 111754, but w/o vacuum pump.
 A: 33.70 B: 11.30 C: 83.00 mm



110664 Alternator 14 V, 70 Amp
 Replacing: E92Z10346A
 Servicing: Ford, Mazda
 Terminal W, Grooves 3, Length 161.50, Pulley SP, Fan IF
 A: 44.50 B: 13.10 C: 66.30 mm



110759 Alternator 14 V, 35 Amp
 Replacing: 80BB10300DB, 80BB10300DA, 72GB10300LB, 72GB10300LA, 71BB10300FB, 71BB10300FA, 6021771, 1553627
 Servicing: Austin, Ford, Mercury
 Length 160.00, Pulley P, Fan EF
 B: 10.50 C: 79.00 mm



110770 Alternator 14 V, 55 Amp
 Replacing: 873F10300BA, 86VB10300AA, 86VB10300A2A, 86VB10300A2
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover
 Terminal W, Length 166.00, Pulley w/o, Fan w/o
 B: 12.00 C: 82.00 mm



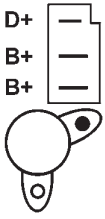
110891 Alternator 14 V, 70 Amp
 Replacing: R86AX10300MB, 91AX10300TA, 86AX10300MB, 86AB10346MA, 86AB10300NB, 86AB10300NA, 86AB10300MB
 Servicing: Ford, Land Rover, MG
 Terminal W, Length 169.00, Pulley w/o, Fan w/o
 B: 11.30 C: 83.00 mm



111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 84FB10300MA, 82HF10300A2A, 81BB10300EA, 80BB10300FB, 80BB10300FA, 78GB10300JD, 78GB10300JC
 Servicing: Austin, Ford, Mercury, MG, Rover, Suzuki
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm



111176 Alternator 14 V, 75 Amp
 Replacing: V89AB10300AA, R89FF10300EC, R89FF10300EB, R86AX10300AAA, 91FX10300VA, 91FF10300TA, 89FX10300JA
 Servicing: Ford, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 35.50 B: 11.25 C: 81.65 mm



111184 Alternator 14 V, 43 Amp

Replacing: 5010556

Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall

Length 186.00, Pulley w/o, Fan w/o
For pulley w/ 17.00 mm bore use bushing:
HC-CARGO 134894.

B: 9.85 C: 87.00 mm



111199 Alternator 14 V, 95 Amp

Replacing: GL308, GL-308, F7PZ10346LA, F7CU10300AB, F77U10300BB, F77U10300BA, F6PZ10346LA, F6PZ10346CA

Servicing: Ford, Mazda, Mercury

Grooves 6, Length 162.50, Pulley SP, Fan IF
Replacing: 3G series.

A: 40.80 B: 55.20 C: 74.00 mm



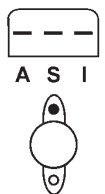
111200 Alternator 14 V, 130 Amp

Replacing: ZZM2-18-300, XL3U10300CB, XL3U10300CA, F85U10300AB, F85U10300AA, F6UZ10346VA, F6UU10300FA

Servicing: Ford, Mazda

Grooves 6, Length 161.50, Pulley SP, Fan IF
Replacing: 3G series.

A: 40.80 B: 55.00 C: 61.00 mm



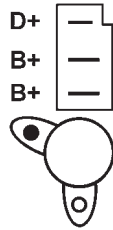
111252 Alternator 14 V, 75 Amp

Replacing: GL263, GL252, GL246, F0TU10300EA, E9UF10300BA, E9SF10300BA, E9PF10346BA, E8TF10300BA, E7ZF10300FA

Servicing: Ford, Mercury

Grooves 6, Length 157.00, Pulley SP, Fan IF
Replacing: 2G series.

A: 95.40 B: 76.10 mm



111289 Alternator 14 V, 70 Amp

Replacing: R72GB10346NA, 89AX10300HA, 89AX10300EA, 89AB10300HA, 89AB10300GB, 89AB10300GA, 89AB10300EB

Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover

Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF

A: 35.00 B: 12.50 C: 80.00 mm



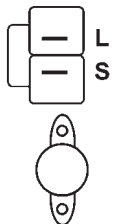
111293 Alternator 14 V, 70 Amp

Replacing: 92FB10300FB, 92AB10300FB, 92AB10300FA, 92AB10300DD, 92AB10300DC, 91AB10300SA, 7275999

Servicing: Ford

Grooves 6, Length 172.00, Pulley SP, Fan IF

A: 33.00 B: 14.00 C: 80.00 mm



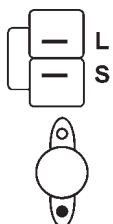
111315 Alternator 14 V, 90 Amp

Replacing: F32Z10346B, 3395461

Servicing: Ford, Mazda

Grooves 5, Length 155.50, Pulley SP, Fan IF

A: 37.65 B: 13.20 C: 66.45 mm



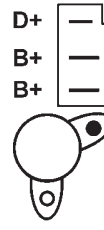
111317 Alternator 14 V, 80 Amp

Replacing: 3465426

Servicing: Ford, Kia, Mazda

Grooves 4, Length 164.00, Pulley SP, Fan IF

A: 38.50 B: 13.20 C: 66.80 mm



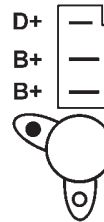
111356 Alternator 14 V, 55 Amp

Replacing: R89FX10300GB, 89FF10300GB, 89FF10300GA, 89FF10300AC, 89FF10300AB, 89FF10300AA, 6181359

Servicing: Ford, Various Agriculture Vehicles

Terminal W, Grooves 3, Pulley SP, Fan EF

A: 43.00 B: 10.80 C: 81.00 mm



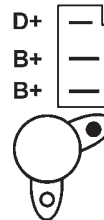
111362 Alternator 14 V, 55 Amp

Replacing: R86AX10300AB, 87BB10300BA, 86AX10300DB, 86AX10300AB, 86AX10300AAA, 86AB10300EB, 86AB10300EA

Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra

Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF

A: 34.50 B: 11.00 C: 81.00 mm



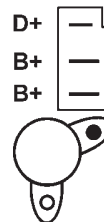
111364 Alternator 14 V, 55 Amp

Replacing: 870G10300AA, 86FB10300BA, 86FB10300AA, 86AX10300ADA, 86AB10300ADA, 864F10300EA, 85BB10300GA

Servicing: Ford, Rover

Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF

A: 35.50 B: 12.50 C: 81.00 mm



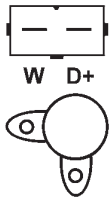
111368 Alternator 14 V, 70 Amp

Replacing: V87VG10300AE, V87VG10300AB, V87VG10300AA, RV87VX10300AB, RV87VG10300AB

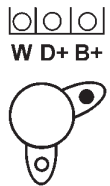
Servicing: Ford

Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF

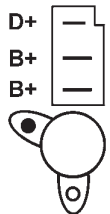
A: 34.90 B: 12.00 C: 82.60 mm



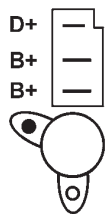
111477 Alternator 14 V, 90 Amp
 Replacing: R95VW10300NA, 95VW10300RA, 95VW10300NA, 95VW10300AAA, 7203201, 1031896
 Servicing: Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 40.00 B: 13.50 C: 59.00 mm



111623 Alternator 14 V, 70 Amp
 Replacing: V94GB10K359AD, V94GB10K359AC, V94GB10K359AB, RV94GB10300BB, R924X10300AB, R924X10300AA
 Servicing: Ford
 Terminal W, Grooves 4, Length 201.50, Pulley SP, Fan EF
 Alternative no.: 115890 5★
 A: 33.00 B: 11.80 C: 83.40 mm



111739 Alternator 14 V, 55 Amp
 Replacing: F0NN10B376AB
 Servicing: Ford, New Holland
 Terminal BS/W, Length 167.00, Pulley w/o, Fan EF
 w/ battery sensor terminal.
 B: 11.40 C: 82.30 mm



111740 Alternator 14 V, 70 Amp
 Replacing: E7NN10B376BB, E7NN10B376BA, E7NN10B376AB, E7NN10B376AA, E4NN10B376AB
 Servicing: Ford, Land Rover
 Terminal BS/W, Grooves 1, Length 167.00, Pulley P, Fan EF
 w/ battery sensor terminal.
 A: 36.00 B: 11.00 C: 82.70 mm



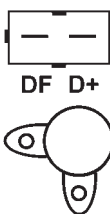
111742 Alternator 14 V, 70 Amp
 Replacing: R954F10300AA, 924X10300AB, 924FX10K359AA, 924FX10K359, 924F10K359AB, 924F10K359AA, 924F10300AB
 Servicing: Ford
 Terminal W, Grooves 4, Length 258.50, Pulley SP, Fan EF
 A: 34.00 B: 12.00 C: 83.00 mm



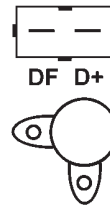
111795 Alternator 14 V, 80 Amp
 Replacing: 98AB10300GM, 98AB10300GL, 98AB10300GK, 98AB10300GJ, 98AB10300GH, 98AB10300GG, 98AB10300GF
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 12.50 B: 72.00 C: 53.00 mm



111797 Alternator 14 V, 95 Amp
 Replacing: 98VP10K359BB, 98VP10K359BA, 98VB10K359BC, 98VB10K359BB, 98VB10K359BA, 98VB10K359AB, 1086299
 Servicing: Ford
 Terminal W, Grooves 4, Length 243.00, Pulley SP, Fan IF
 A: 34.00 B: 13.30 C: 81.00 mm



111828 Alternator 14 V, 120 Amp
 Replacing: 97VW10300EA, 1076005
 Servicing: Ford, Seat, Volvo, VW
 Grooves 6, Length 200.00, Pulley SP/ FW, Fan IF
 A: 40.50 B: 14.10 C: 59.00 mm



111988 Alternator 14 V, 120 Amp
 Replacing: R95VW10300ABA, 95VW10300ABA, 1031898, 1018818
 Servicing: Ford, Seat, VW
 Grooves 6, Length 194.00, Pulley SP, Fan IF
 A: 39.00 B: 13.90 C: 59.00 mm



112002 Alternator 14 V, 120 Amp
 Replacing: YM2110300AA, 98VW10300EA, 3M2110300BA, 1253624, 1110413, 1100712
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 Alternative no.: 115483 5★
 A: 39.00 B: 14.50 C: 61.00 mm



112079 Alternator 14 V, 90 Amp
 Replacing: 98VW10300CA, 98VN10300CA, 3M2110300AA, 1100711
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 Alternative no.: 114789 5★
 A: 39.00 B: 14.00 C: 61.00 mm



112121 Alternator 14 V, 70 Amp
 Replacing: R97AB10300AE, R97AB10300AD, 97AB10300AE, 97AB10300AD, 97AB10300AC, 97AB10300AB, 97AB10300AA
 Servicing: Ford, Mazda
 Terminal W, Grooves 5, Length 178.00, Pulley SP, Fan IF
 A: 33.00 B: 14.40 C: 55.50 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



112142 Alternator 14 V, 90 Amp
 Replacing: 98AB10300JG, 98AB10300JF, 98AB10300JE, 98AB10300JD, 98AB10300JC, 98AB10300JB, 98AB10300JA
 Servicing: Ford
 Length 168.00, Pulley w/o, Fan IF
 B: 14.00 C: 63.20 mm



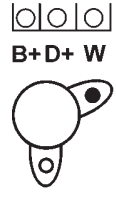
112143 Alternator 14 V, 80 Amp
 Replacing: 98AB10300DJ, 98AB10300DH, 98AB10300DG, 98AB10300DF, 98AB10300DE, 98AB10300DD, 98AB10300DC
 Servicing: Ford, Lister
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 34.00 B: 13.80 C: 62.40 mm



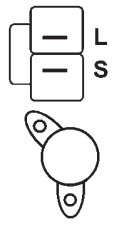
112151 Alternator 14 V, 95 Amp
 Replacing: F5RU10316AA, 97BB10300BD, 97BB10300BC, 97BB10300BB, 97BB10300BA, 93BB10300FG, 93BB10300FF
 Servicing: Ford
 Terminal W, Grooves 5, Length 158.50, Pulley SP, Fan IF
 A: 46.00 B: 57.00 mm



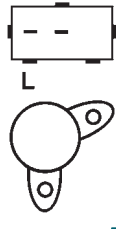
112298 Alternator 14 V, 80 Amp
 Replacing: F6PU10346SA, F6PU10300SA
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 179.00, Pulley SP, Fan IF
 A: 42.00 B: 26.10 C: 66.70 mm



112325 Alternator 14 V, 70 Amp
 Replacing: R95FF10300AC, R95FF10300AA, 95FF10300AD, 95FF10300AC, 95FF10300AB, 95FF10300AA, 93FF10300AA
 Servicing: Ford
 Terminal W, Grooves 5, Length 170.00, Pulley SP, Fan IF
D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm



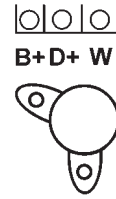
112352 Alternator 14 V, 70 Amp
 Replacing: XM3410300BA, XM3410300AA, 6M3410300AB, 4344538, 3601014, 1449569
 Servicing: Ford, Mazda
 Grooves 2, Length 179.00, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 65.00 mm



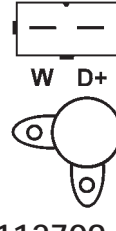
112654 Alternator 14 V, 90 Amp
 Manufacturer: Marelli
 Replacing: YS6110300BF, YS6110300BB, 1122105
 Servicing: Ford
 Length 213.00, Pulley w/o, Fan IF
 B: 17.25 C: 62.60 mm



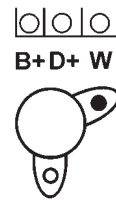
112680 Alternator 14 V, 70 Amp
 Replacing: R95AB10300DB, 95AB10300DI, 95AB10300DC, 95AB10300DB, 95AB10300DA, 7355509, 5030656
 Servicing: Ford
 Terminal W, Grooves 6, Length 173.00, Pulley SP, Fan IF
 A: 33.50 B: 14.00 C: 80.00 mm



112698 Alternator 14 V, 100 Amp
 Replacing: R95GB10300MB, R95GB10300MA, 95GB10300MB, 95GB10300MA, 95GB10300LB, 95GB10300LA, 7312901, 5030343
 Servicing: Ford
 Terminal W, Grooves 6, Length 178.00, Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



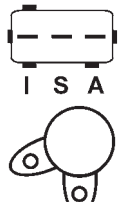
112709 Alternator 14 V, 120 Amp
 Replacing: R95VW10300KB, 95VW10300KB, 95VW10300KA, 7361230
 Servicing: Ford, VW
 Terminal W, Grooves 7, Length 195.00, Pulley SP, Fan IF
 A: 43.00 B: 14.00 C: 61.00 mm



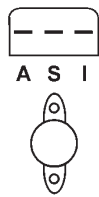
112718 Alternator 14 V, 100 Amp
 Replacing: F2NN10B376AA, F0NN10B376CA, F0NN10B376BB
 Servicing: Ford, New Holland
 Terminal W, Grooves 6, Length 189.00, Pulley SP, Fan IF
 A: 32.00 B: 14.00 C: 83.80 mm



112747 Alternator 28 V, 55 Amp
 Replacing: 83DB10346AA, 1620918
 Servicing: Deutz-Fahr, Ford, Iveco, KHD
 Terminal W, Length 177.00, Pulley w/o, Fan EF
 B: 56.00 mm



112927 Alternator 14 V, 130 Amp
 Replacing: GL317, GL-317, F6PU10346AA, F6PU-10346-AA, F6AZ10346AA, F6AZ-10346-AA, F3PU10346AC, F3PU-10346-AC
 Servicing: Ford, Lincoln, Mercury
 Grooves 6/7, Length 174.00, Pulley SP, Fan IF
 Replacing: 3G series.
 A: 49.50 B: 25.30 mm



112936 Alternator 14 V, 130 Amp
 Replacing: GL428, GL-428, F8PZ10346CA, F8PZ-10346-CA, F8PU10346CA, F8PU-10346-CA, F8DU10300AA, F8DU-10300-AA
 Servicing: Ford, Mercury
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 Replacing: 3G series.
 A: 97.50 B: 76.20 mm



112939 Alternator 14 V, 130 Amp
 Replacing: XS9110300AB, R96BB10300BA, GL481, GL416, GL385, GL347, F6RZ10346BB, F6RZ-10346-BB, F6RU10300AA
 Servicing: Ford, Mercury
 Grooves 6, Length 169.00, Pulley SP, Fan IF
 Replacing: 3G series.
 A: 49.00 B: 25.75 mm



112940 Alternator 14 V, 95 Amp
 Replacing: GL372, GL-372, F7UU10300AB, F7UU10300AA, F6PZ10346RA, F6PZ-10346-RA, F65U10300EA, F65U-10300-EA
 Servicing: Ford
 Grooves 8, Length 175.00, Pulley SP, Fan IF
 Replacing: 3G series.
 A: 48.50 B: 25.30 mm



112942 Alternator 14 V, 130 Amp
 Replacing: XW7Z10346AA, XW7U10300AA, GL434RM, GL434, GL406, GL384, GL-406, GL-384, F8OZ10346CA, F8OZ-10346-CA
 Servicing: Ford, Lincoln, Mercury
 Grooves 6, Length 132.00, Pulley SP, Fan IF
 Replacing: 4G series.
 A: 49.50 B: 30.60 mm



112946 Alternator 14 V, 130 Amp
 Replacing: XL2Z10346AA, XL2Z-10346-AA, XL2U10300AA, GL423RM, GL423, GL363, GL-363, F77Z10346AB, F77Z-10346-AB
 Servicing: Ford, Mercury
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 Replacing: 4G series.
 A: 39.50 B: 55.50 C: 56.00 mm



112947 Alternator 14 V, 135 Amp
 Replacing: GL407, GL-407, F8AZ10346AB, F8AZ-10346-AB, F8AU10300AD, F8AU10300AC, F8AU10300AB, F8AU-10300-AC
 Servicing: Ford, Lincoln, Mercury
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 49.35 B: 25.75 mm



112949 Alternator 14 V, 110 Amp
 Replacing: GL412RM, GL412, F81Z10346EA, F81Z-10346-EA, F81U10300EB, F81U-10300-EB
 Servicing: Ford
 Grooves 8, Length 167.00, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 40.00 B: 55.00 C: 74.00 mm



112951 Alternator 14 V, 105 Amp
 Replacing: XF2Z10346AA, XF2Z-10346-AA, XF2U10300AB, XF2U-10300-AB, GL425
 Servicing: Ford
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 Replacing: 6G series. HC-CARGO 210878 must be used when testing.
 A: 98.00 B: 76.30 mm



112954 Alternator 14 V, 105 Amp
 Replacing: XR3Z10346AA, XR3Z-10346-AA, XR3U10300AC, XR3U10300AB, XR3U10300AA, XR3U-10300-AB, XR3U-10300-AA
 Servicing: Ford
 Grooves 6, Length 165.00, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 50.00 B: 25.50 mm



112956 Alternator 14 V, 130 Amp
 Replacing: XF2Z10346BA, XF2Z-10346-BA, XF2U10300BE, XF2U10300BD, XF2U10300BC, XF2U-10300-BC, GL426RM, GL426
 Servicing: Ford
 Grooves 6, Length 161.00, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 39.50 B: 55.50 C: 74.00 mm



112958 Alternator 14 V, 110 Amp
 Replacing: GL462RM, GL462, GL456RM, GL456, 98AZ10346EN, 98AZ10346EA, 98AZ-10346-EA, 98AB10300EB, 98AB-10300-EB
 Servicing: Ford, Mazda
 Grooves 6, Length 165.00, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 34.50 B: 14.50 C: 63.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



112959 Alternator 14 V, 110 Amp
 Replacing: GL455RM, GL455, 98AZ10346FA, 98AZ-10346-FA, 98AB10300FC, 98AB-10300-FC
 Servicing: Ford
 Grooves 6, Length 162.50, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 40.00 B: 55.00 C: 75.00 mm



112961 Alternator 14 V, 110 Amp
 Replacing: GL463, 1L8Z10346CB, 1L8Z-10346-CB, 1L8U10300CE, 1L8U10300CD, 1L8U-10300-CE, 1L8U-10300-CD
 Servicing: Ford, Mazda
 Grooves 6, Length 163.00, Pulley SP, Fan IF
 Replacing: 6G series.
 A: 40.50 B: 55.20 C: 74.00 mm



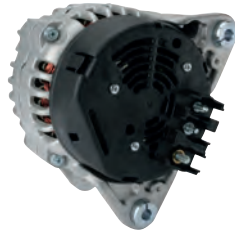
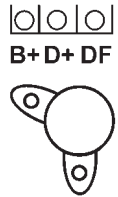
112993 Alternator 14 V, 130 Amp
 Replacing: GL358, GL332, GL-358, GL-332, F8ZU10300AA, F5HZ10346A, F4PU10346BA, F4HT10300KA, F4HT10300FA
 Servicing: Cummins, Ford, International, Volvo
 Terminal W, Length 217.00, Pulley w/o, Fan EF
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4". Shaft is 7/8 In = 22.255 mm.
 B: 14.20 C: 101.50 mm



113285 Alternator 14 V, 75 Amp
 Replacing: YC1U10300DE, YC1U10300DC, YC1U10300DB, YC1U10300DA, YC1U10300BB, YC1T10300BJ, YC1T10300BH
 Servicing: Ford
 Grooves 7, Length 218.50, Pulley SP/FW, Fan IF
 w/ single pulley: HC-CARGO 113544.
 A: 38.60 B: 55.25 C: 74.50 mm



113298 Alternator 14 V, 105 Amp
 Replacing: 4407889, 2C1T10300AB, 2C1T10300AA
 Servicing: Ford
 Grooves 6, Length 179.50, Pulley SP, Fan IF
 A: 40.00 B: 56.00 C: 75.00 mm



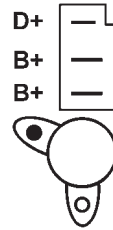
113447 Alternator 14 V, 70 Amp
 Replacing: R96FB10300DD, R96FB10300DC, 96FB10300DE, 96FB10300DD, 96FB10300DC, 96FB10300DA, 1036244
 Servicing: Ford, Mazda
 Grooves 6, Length 171.00, Pulley SP, Fan IF
 A: 32.50 B: 13.40 C: 78.50 mm



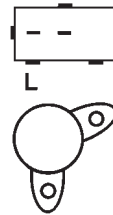
113535 Alternator 14 V, 85 Amp
 Replacing: 9S5110346BB, 9S5110346BA, 1673521, 1535437
 Servicing: Fiat, Ford, Lancia
 Grooves 5, Length 184.50, Pulley SP, Fan IF
 A: 16.30 B: 24.20 C: 51.00 mm



113562 Alternator 14 V, 40 Amp
 Replacing: SBA185046320
 Servicing: Ford, New Holland
 Terminal W, Grooves 1, Length 160.00, Pulley P, Fan IF
 A: 42.00 B: 12.90 C: 81.50 mm



113574 Alternator 14 V, 65 Amp
 Replacing: 81DB10300BB, 81DB10300BA, 6173461
 Servicing: Case, New Holland, Valtra
 Terminal W, Grooves 1, Length 177.50, Pulley P, Fan EF
 A: 36.85 B: 10.40 C: 83.00 mm



113599 Alternator 14 V, 80 Amp
 Replacing: YS6110300CC, YS6110300CB, YS6110300CA, YS1610300CC, 1128296
 Servicing: Ford
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 33.20 B: 16.70 C: 53.90 mm



113621 Alternator 14 V, 115 Amp
 Replacing: 4170444, 1C1T10300BB
 Servicing: Ford, New Holland
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 34.00 B: 14.10 C: 83.35 mm



113708 Alternator 14 V, 115 Amp
 Replacing: 1S7TT10300CC, 1S7TT10300CB, 1S7T10300CF, 1S7T10300CE, 1S7T10300CD, 1S7T10300CC, 1S7T10300CB
 Servicing: Ford
 Grooves 6, Length 166.00, Pulley SP/FW, Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm



113709 Alternator 14 V, 115 Amp
 Replacing: 1S7TBC, 1S7T10300DF, 1S7T10300DE, 1S7T10300DD, 1S7T10300DC, 1S7T10300DB, 1S7T10300DA, 1S7T10300BE
 Servicing: Ford, Jaguar
 Grooves 6, Pulley SP, Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm



113710 Alternator 14 V, 125 Amp
 Replacing: 5T1U10300AA, 5128967, 5128966, 4531026, 4531025, 4394204, 4374448, 4374447, 4371001, 4371000
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: 116124
 B: 14.00 C: 69.00 mm



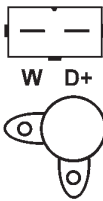
113849 Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 8M5T10300YB, 8M5T10300YA, 3M5T10300YE, 3M5T10300YD, 3M5T10300YC, 3M5T10300YB, 3M5T10300YA, 1708322
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 164.50, Pulley SP/FW, Fan IF
 Alternative no.: 116294
 A: 42.50 B: 21.00 C: 45.00 mm



113883 Alternator 14 V, 90 Amp
 Replacing: 2S6TFA, 2S6T10300FC, 2S6T10300FB, 2S6T10300FA, 1479818, 1464755, 1145715
 Servicing: Ford
 Grooves 6, Length 165.50, Pulley SP, Fan IF
 A: 39.58 B: 54.87 C: 74.00 mm



113884 Alternator 14 V, 150 Amp
 Replacing: YM2110300CA, 6M2110346CA, 1580265, 1188206, 1118206
 Servicing: Dodge, Ford, Jeep, Mitsubishi, Seat, VW
 Grooves 6, Length 201.50, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.35 C: 59.00 mm



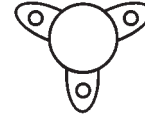
113885 Alternator 14 V, 150 Amp
 Replacing: R95VW10300SA, 95VW10300SA, 7361233, 1012459
 Servicing: Audi, Ford, Mercedes-Benz, Seat, VW
 Terminal W, Grooves 7, Length 208.50, Pulley SP, Fan IF
 A: 42.85 B: 14.15 C: 61.00 mm



113912 Alternator 14 V, 80 Amp
 Manufacturer: Visteon
 Replacing: 3S6TAA, 3S6T10300AD, 3S6T10300AC, 3S6T10300AB, 3S6T10300AA, 3S6T-AC, 2S6T10300AC, 2S6T10300AB
 Servicing: Ford, Ford USA, Mazda
 Grooves 6, Length 151.00, Pulley SP/FW, Fan IF
 Alternative no.: 116362
 A: 42.50 B: 21.00 C: 45.00 mm



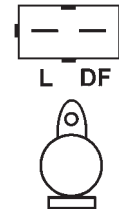
113913 Alternator 14 V, 110 Amp
 Replacing: YC1U10300EC, YC1U10300EB, YC1U10300EA, 4461712, 4362258, 2C1T10300BB, 2C1T10300BA
 Servicing: Ford
 Grooves 7, Length 196.40, Pulley SP/FW, Fan IF
 A: 40.00 B: 55.00 C: 74.00 mm



113920 Alternator 28 V, 35 Amp
 Replacing: 1021198
 Servicing: MAN, Mercedes-Benz, Nissan, Padane
 Terminal W, Length 176.00, Pulley w/o, Fan w/o
 B: 80.40 mm



113922 Alternator 14 V, 120 Amp
 Replacing: 8M5T10300PB, 8M5T10300PA, 3M5T10300PD, 3M5T10300PC, 3M5T10300PB, 3M5T10300PA, 31288154, 1707062
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 22.00 C: 45.00 mm



113952 Alternator 14 V, 70 Amp
 Replacing: 98MF10300CC, 98MF10300CB, 98MF10300CA, 1122238, 1098747, 1088304
 Servicing: Ford
 Grooves 6, Length 159.00, Pulley SP, Fan IF
 A: 11.00 B: 72.00 C: 52.00 mm



113958 Alternator 14 V, 150 Amp
 Replacing: AC1T10300BB, AC1T10300BA, 6C1T10300BD, 6C1T10300BC, 6C1T10300BB, 6C1T10300BA, 1747021, 1712779
 Servicing: Citroen, Fiat, Ford, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 115499
 A: 43.00 B: 92.80 C: 74.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



FRSIGA
LI RC A



113978 Alternator 14 V, 120 Amp
 Replacing: 3M5T10300VD, 3M5T10300VC,
 3M5T10300VB, 3M5T10300VA, 1530299, 1256552
 Servicing: Ford, Volvo
 Grooves 6, Pulley SP/FW, Fan IF
 Freewheel Pulley: HC-CARGO 237619.
 A: 75.00 B: 72.00 C: 68.80 mm



FRSIGA
LI RC A



114009 Alternator 14 V, 105 Amp
 Replacing: 3N1110300AG, 3N1110300AF,
 3N1110300AE, 3N1110300AD, 3N1110300AC,
 3N1110300AB, 3N1110300AA, 1708472
 Servicing: Ford
 Grooves 6, Length 160.00, Pulley SP, Fan IF
 A: 10.00 B: 72.00 C: 52.00 mm



L DFM



114064 Alternator 14 V, 150 Amp
 Replacing: AC1T10300CB, AC1T10300CA,
 6C1T10300CD, 6C1T10300CC, 6C1T10300CB,
 6C1T10300CA, 1747017, 1581844
 Servicing: Ford, Land Rover
 Grooves 7, Length 185.00, Pulley SP/FW,
 Fan IF
 A: 42.50 B: 93.00 C: 74.00 mm



FRSIGA
LI RC A



114065 Alternator 14 V, 120 Amp
 Replacing: 3M5T10300LD, 3M5T10300LC,
 3M5T10300LB, 3M5T10300LA, 1530298, 1322879
 Servicing: Ford
 Grooves 6, Length 165.00, Pulley SP,
 Fan IF
 Alternative no.: 116328
 A: 75.00 B: 72.00 C: 68.50 mm



FRSIGA
LI RC A



114083 Alternator 14 V, 150 Amp
 Replacing: 3M5T10300NC, 3M5T10300NB,
 1633079
 Servicing: Volvo
 Grooves 6, Length 180.00, Pulley SP/FW,
 Fan IF
 Freewheel Pulley: HC-CARGO 237619.
 A: 75.00 B: 72.00 C: 68.00 mm



A S I



114120 Alternator 14 V, 75 Amp
 Replacing: F8RU10300BA
 Servicing: Ford, Mazda
 Terminal W, Grooves 2, Pulley DP,
 Fan IF
 A: 41.50 B: 13.00 C: 68.00 mm



FRSIGA
LI RC A



114128 Alternator 14 V, 150 Amp
 Replacing: 5190803, 2S6T10300BC,
 2S6T10300BB, 2S6T10300BA, 1485762,
 1140136
 Servicing: Ford, Mazda
 Grooves 6, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 45.00 mm



FRSIGA
LI RC A



114129 Alternator 14 V, 90 Amp
 Replacing: 2S6T10300DE, 2S6T10300DD,
 2S6T10300DC, 2S6T10300DB, 2S6T10300DA,
 2S6T10300CB, 1592234, 1478281
 Servicing: Ford, Mazda
 Grooves 6, Length 160.00, Pulley SP,
 Fan IF
 A: 11.00 B: 72.00 C: 52.00 mm



LIN/
COM



114157 Alternator 14 V, 120 Amp
 Replacing: 3M5T10300JD, 3M5T10300JC,
 3M5T10300JB, 3M5T10300JA, 1684865,
 1374082
 Servicing: Ford
 Grooves 5, Length 170.00, Pulley SP/FW,
 Fan IF
 A: 73.20 B: 38.20 C: 90.00 mm



FRSIGA
LI RC A



114248 Alternator 14 V, 150 Amp
 Replacing: 4M5T10300UD, 4M5T10300UC,
 4M5T10300UB, 4M5T10300UA, 1477740,
 1352431
 Servicing: Ford
 Length 153.00, Pulley w/o, Fan IF
 B: 14.00 C: 52.00 mm



FRSIGA
LI RC A



114250 Alternator 14 V, 120 Amp
 Replacing: 4M5T10300KB, 4M5T10300KA,
 1302007
 Servicing: Ford
 Length 155.00, Pulley w/o, Fan IF
 B: 17.20 C: 52.20 mm



114462 Alternator 14 V, 70 Amp
 Replacing: 9S5110346AB, 1673520
 Servicing: Alfa Romeo, Fiat, Ford, Lancia
 Grooves 4, Pulley SP, Fan IF
 A: 68.10 B: 32.50



114706 Alternator 14 V, 120 Amp
 Manufacturer: Marelli
 Replacing: BS5110346BA, 1719539
 Servicing: Fiat, Ford, Lancia
 Grooves 5, Length 185.00, Pulley SP, Fan IF
 Alternative no.: CA2070IR
 A: 16.00 B: 24.00 C: 50.00 mm



114724 Alternator 14 V, 150 Amp
 Replacing: AV6N10300GC, AV6N10300GB,
 9G9N10300CA, 8V2110300BB, 31285659,
 2032603, 1704769, 1685793, 1506300
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 170.00, Pulley SP/FW,
 Fan IF
 A: 42.90 B: 21.00 C: 46.50 mm



114757 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: 2S7T10300BC, 2S7T10300BB,
 2S7T10300BA, 1319014
 Servicing: Ford
 Grooves 6, Length 174.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 116350
 A: 40.00 B: 55.50 C: 74.00 mm



114804 Alternator 14 V, 105 Amp
 Replacing: 4M5T10300LD, 4M5T10300LC,
 4M5T10300LB, 4M5T10300LA, 1496231, 1464564
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: CA1989IR
 B: 14.50 C: 52.00 mm



114805 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: AG9T10300CA, AG9T10300AA,
 1678608, 1678607
 Servicing: Ford
 Grooves 6, Length 190.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 116296
 A: 42.50 B: 21.00 C: 45.00 mm



114810 Alternator 14 V, 150 Amp
 Replacing: 3M5T10300SD, 3M5T10300SC
 Servicing: Volvo
 Grooves 5, Pulley SP/FW, Fan IF
 Alternative no.: CA1966IR
 A: 33.50 B: 33.00 C: 91.50 mm



114866 Alternator 14 V, 120 Amp
 Replacing: 8V2110300AB, 1506299
 Servicing: Ford, Mazda
 Grooves 6, Length 186.00, Pulley SP/FW,
 Fan IF
 A: 42.00 B: 21.00 C: 45.70 mm



114883 Alternator 14 V, 120 Amp
 Replacing: AV6N10300HA, 7G9N10300CC,
 7G9N10300CA, 1698214, 1685794, 1469714
 Servicing: Ford
 Grooves 6, Length 177.30, Pulley SP,
 Fan IF
 Alternative no.: CA2044IR
 A: 10.50 B: 72.40 C: 52.60 mm



114898 Alternator 14 V, 150 Amp
 Replacing: 6G9N10300UD, 6G9N10300UC,
 6G9N10300UB, 6G9N10300UA, 1420871
 Servicing: Ford
 Fan IF
 Alternative no.: CA1919IR
 A: 80.00 B: 14.50 C: 51.50 mm



115365 Alternator 14 V, 150 Amp
 Replacing: 7GN10300EA, 7G9N10300EA,
 1458640
 Servicing: Ford, Volvo
 Grooves 6, Length 182.00, Pulley SP/FW,
 Fan IF
 A: 42.50 B: 21.20 C: 46.70 mm



115412 Alternator 14 V, 180 Amp
 Replacing: 6G9N10300JD, 6G9N10300JB
 Servicing: Volvo
 Grooves 5, Length 194.00, Pulley SP/FW,
 Fan IF
 A: 61.00 B: 32.00 C: 92.00 mm



115417 Alternator 14 V, 150 Amp
 Replacing: 6G9N10300ABC, 6G9N10300ABB,
 6G9N10300ABA, 1469391, 1388002, 1379699
 Servicing: Ford
 Grooves 6, Pulley SP/FW, Fan IF
 A: 40.00 B: 70.00 C: 74.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



115434 Alternator 14 V, 150 Amp
 Replacing: 6G9N10300HD, 6G9N10300HC, 6G9N10300HB, 6G9N10300HA, 1425016, 1388004, 1379701
 Servicing: Ford, Volvo
 Grooves 5, Length 190.00, Pulley SP/FW, Fan IF
 A: 61.00 B: 31.50 C: 91.00 mm



115459 Alternator 14 V, 120 Amp
 Replacing: AV6N10300DC, AV6N10300DB, 1704768, 1685791
 Servicing: Ford
 Grooves 6, Length 186.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 21.00 C: 45.00 mm



115460 Alternator 14 V, 160 Amp
 Replacing: 8666580, 3M5T10300GA, 3M5T10300FA
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 21.00 C: 45.00 mm



115461 Alternator 14 V, 150 Amp
 Replacing: CC1T10300BD, CC1T10300BC, CC1T10300BB, CC1T10300BA
 Servicing: Citroen, Ford, Peugeot
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 116061
 A: 43.20 B: 92.50 C: 73.75 mm



115543 Alternator 14 V, 90 Amp
 Replacing: 3S5T10300AC, 3S5T10300AB, 3S5T10300AA, 1450644, 1229424
 Servicing: Ford
 Grooves 6, Length 171.00, Pulley SP, Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm



115544 Alternator 14 V, 150 Amp
 Replacing: 6G9N10300ADB, 6G9N10300ADA, 2099447, 1455494, 1435647
 Servicing: Ford, Land Rover
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 46.00 mm



115576 Alternator 14 V, 150 Amp
 Replacing: CC1T10300CD, CC1T10300CC, CC1T10300CB, CC1T10300CA, 1800123
 Servicing: Ford
 Grooves 7, Length 199.00, Pulley SP/FW, Fan IF
 A: 43.50 B: 97.00 C: 74.00 mm



115579 Alternator 14 V, 120 Amp
 Replacing: 4M5T10300AB, 4M5T10300AA, 1352430
 Servicing: Ford
 Grooves 6, Length 168.00, Pulley SP/FW, Fan IF
 A: 41.50 B: 13.70 C: 52.00 mm



115601 Alternator 14 V, 120 Amp
 Replacing: 3M5T10300KC, 3M5T10300KB, 3M5T10300KA, 1543764, 1353886, 1352858
 Servicing: Ford, Volvo
 Grooves 6, Length 157.00, Pulley SP, Fan IF
 A: 11.00 B: 72.00 C: 49.50 mm



115606 Alternator 14 V, 150 Amp
 Replacing: 6M5T10300SA
 Servicing: Changan Ford Mazda, Ford, Volvo
 Grooves 5, Length 170.00, Pulley SP/FW, Fan IF
 A: 34.00 B: 33.00 C: 91.00 mm



115615 Alternator 14 V, 105 Amp
 Replacing: 9S5110346HA, 1705484
 Servicing: Fiat
 Grooves 5, Length 183.00, Pulley SP, Fan IF
 A: 17.00 C: 50.00 mm



115620 Alternator 14 V, 105 Amp
 Replacing: BS5110346AA, 1719535
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 4, Length 195.00, Pulley SP, Fan IF
 A: 68.50 B: 32.00 mm



115659 Alternator 14 V, 80 Amp
 Replacing: 4S5T10300AC, 4S5T10300AB, 4S5T10300AA, 1486810, 1451865
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 Alternative no.: CA1993IR
 A: 39.50 B: 55.00 C: 51.00 mm



115762 Alternator 14 V, 90 Amp
 Replacing: YS4D10300AH, YS4D10300AG, YS4D10300AF, YS4D10300AE, YS4D10300AC, YS4D10300AB, 1342191, 1306851
 Servicing: Ford
 Grooves 6, Length 161.00, Pulley SP, Fan IF
 A: 11.00 B: 72.10 C: 49.50 mm



115847 Alternator 14 V, 150 Amp
 Replacing: 6G9N10300DD, 6G9N10300DC, 6G9N10300DB, 6G9N10300DA, 1469400, 1388003, 1379700
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 40.80 B: 70.00 C: 74.00 mm



115671 Alternator 14 V, 180 Amp
 Replacing: 6G9N10300YC
 Servicing: Land Rover, Volvo
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 21.00 C: 47.00 mm



115787 Alternator 14 V, 120 Amp
 Replacing: 1X4310300CB
 Servicing: Jaguar
 Grooves 6, Length 202.00, Pulley SP/FW, Fan IF
 A: 97.00 B: 58.00 mm



115890 Alternator 14 V, 70 Amp
 Manufacturer: Lucas
 Replacing: V94GB10K359AD, V94GB10K359AC, V94GB10K359AB, RV94GB10300BB, R924X10300AB, R924X10300AA
 Servicing: Ford
 Terminal W, Length 200.00, Pulley w/o, Fan EF
 Alternative no.: 111623, CA719R
 B: 11.80 C: 81.50 mm



115720 Alternator 14 V, 150 Amp
 Replacing: 8X2310300CB
 Servicing: Jaguar
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 22.00 B: 50.00 C: 47.50 mm



115788 Alternator 14 V, 120 Amp
 Replacing: 1X4310300BD
 Servicing: Jaguar
 Grooves 6, Length 197.00, Pulley SP, Fan IF
 A: 97.00 B: 58.00 mm



115908 Alternator 14 V, 150 Amp
 Replacing: 9G9N10300AA, 6G9N10300AA, 1682130
 Servicing: Changan Volvo, Volvo
 Grooves 6, Length 199.00, Pulley SP/FW, Fan IF
 A: 55.00 B: 34.00 C: 58.00 mm



115750 Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 3M5T10300XD, 3M5T10300XC, 1535294, 1387219
 Servicing: Ford, Ford Australia
 Grooves 6, Length 176.80, Pulley SP, Fan IF
 A: 74.60 B: 72.00 C: 68.30 mm



115789 Alternator 14 V, 120 Amp
 Replacing: XR8310300BC, XR8310300BA
 Servicing: Jaguar
 Grooves 6, Pulley SP, Fan IF
 A: 40.00 C: 74.00 mm



115933 Alternator 14 V, 150 Amp
 Replacing: CV6T10300DC, CV6T10300DB, 1821291, 1764817
 Servicing: Ford, Suzuki
 Grooves 6, Length 205.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.50 C: 31.50 mm

ALTERNATORS

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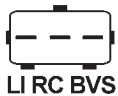
* Available while stock last, * Program development.



115959 Alternator 14 V, 120 Amp
 Replacing: BV6N10300AA, 1704925
 Servicing: Ford
 Grooves 6, Length 186.50, Pulley SP/FW,
 Fan IF
 A: 11.50 B: 71.50 C: 51.00 mm



116007 Alternator 14 V, 150 Amp
 Replacing: AH2210300AB
 Servicing: Land Rover
 Grooves 6, Length 178.00, Pulley SP/FW,
 Fan IF
 A: 22.50 B: 49.30 C: 47.50 mm



116056 Alternator 14 V, 150 Amp
 Replacing: 4R8310300AB
 Servicing: Jaguar
 Grooves 6, Length 183.00, Pulley SP/FW,
 Fan IF
 A: 22.00 B: 50.00 C: 48.00 mm



116061 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: CC1T10300BD, CC1T10300BC,
 CC1T10300BB, CC1T10300BA
 Servicing: Citroen, Ford, Peugeot
 Grooves 6, Length 184.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 115461
 A: 43.20 B: 92.50 C: 73.75 mm



116124 Alternator 14 V, 125 Amp
 Manufacturer: Visteon
 Replacing: 5T1U10300AA, 5128967, 5128966,
 4531026, 4531025, 4394204, 4374448,
 4374447, 4371001, 4371000
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: 113710, CA1857IR
 B: 14.00 C: 69.00 mm



NEW PRODUCT
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116294 Alternator 14 V, 150 Amp
 Replacing: 3M5T10300YC
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 168.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 113849 , CA1834IR
 A: 42.50 B: 21.00 C: 45.00 mm



116362* Alternator 14 V, 80 Amp
 Replacing: 3S6TAA, 3S6T10300AD,
 3S6T10300AC, 3S6T10300AB, 3S6T10300AA,
 3S6T-AC, 2S6T10300AC, 2S6T10300AB
 Servicing: Ford, Ford USA, Mazda
 Grooves 6, Length 159.25, Pulley SP/FW,
 Fan IF
 Alternative no.: 113912
 A: 42.50 B: 21.50 C: 45.80 mm



NEW PRODUCT
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116364* Alternator 14 V, 150 Amp
 Replacing: AG9T10300DA, AG9T10300BA,
 1684713
 Servicing: Ford
 Grooves 6, Length 193.00, Pulley SP/FW,
 Fan IF
 A: 42.50 B: 21.00 C: 48.50 mm

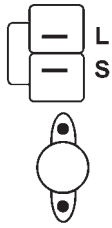
NEW PRODUCT
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116393* Alternator
 Replacing: AV6N10300MD, AV6N10300MB,
 1762377, 1707065

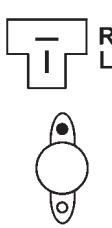


NEW PRODUCT
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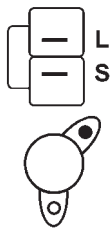
116441* Alternator 14 V, 150 Amp
 Replacing: 6G9N10300XC, 6G9N10300XB,
 6G9N10300XA, 1762869, 1387927, 1376501
 Servicing: Ford
 Grooves 6, Length 170.00, Pulley SP/FW,
 Fan IF
 Alternative no.: CA1970IR
 A: 42.90 B: 21.00 C: 46.50 mm



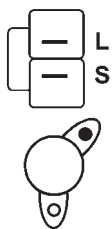
110664 Alternator 14 V, 70 Amp
 Replacing: HAB170144
 Servicing: Ford, Mazda
 Terminal W, Grooves 3, Length 161.50, Pulley SP, Fan IF
 A: 44.50 B: 13.10 C: 66.30 mm



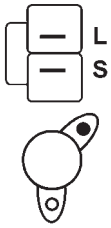
110706 Alternator 14 V, 60 Amp
 Replacing: HAD155500
 Servicing: Ford, Kia, Mazda
 Grooves 1, Length 247.00, Pulley P, Fan EF
 A: 49.70 B: 13.00 C: 80.00 mm



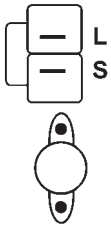
110802 Alternator 14 V, 75 Amp
 Replacing: HAB175120
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 159.50, Pulley SP, Fan IF
 A: 35.00 B: 13.25 C: 77.60 mm



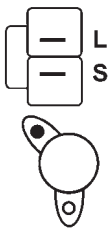
110804 Alternator 14 V, 90 Amp
 Replacing: HAB190120
 Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 35.00 B: 13.40 C: 77.40 mm



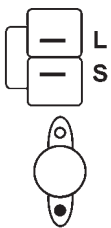
110806 Alternator 14 V, 65 Amp
 Replacing: HAD165500
 Servicing: Mitsubishi
 Grooves 1, Length 223.50, Pulley P, Fan EF
 A: 44.40 B: 12.80 C: 56.30 mm



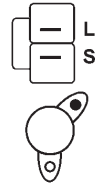
111237 Alternator 14 V, 70 Amp
 Replacing: HAB170140
 Servicing: Kia, Mazda
 Grooves 4, Length 156.25, Pulley SP, Fan IF
 A: 37.75 B: 13.00 C: 66.55 mm



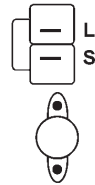
111309 Alternator 14 V, 75 Amp
 Replacing: HAB175200
 Servicing: Hyundai, Proton
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 36.20 B: 13.15 C: 56.00 mm



111317 Alternator 14 V, 80 Amp
 Replacing: HAB180101
 Servicing: Ford, Kia, Mazda
 Grooves 4, Length 164.00, Pulley SP, Fan IF
 A: 38.50 B: 13.20 C: 66.80 mm



111339 Alternator 14 V, 65 Amp
 Replacing: HAD165504
 Servicing: Mitsubishi
 Grooves 1, Length 275.00, Pulley P, Fan EF
 A: 44.50 B: 13.00 C: 54.00 mm



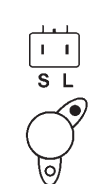
111342 Alternator 14 V, 60 Amp
 Replacing: HAB160102
 Servicing: Mazda
 Grooves 1, Length 156.00, Pulley P, Fan IF
 A: 43.00 B: 13.00 C: 66.00 mm



111405 Alternator 14 V, 90 Amp
 Replacing: HAB190140
 Servicing: Hyundai
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 35.00 B: 13.25 C: 55.45 mm



111406 Alternator 14 V, 110 Amp
 Replacing: HAB111100
 Servicing: Dodge, Hyundai, Mitsubishi
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 23.50 B: 17.25 C: 55.40 mm

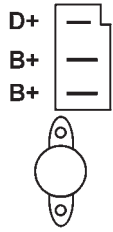


111929 Alternator 14 V, 65 Amp
 Replacing: HAD165520
 Servicing: Hyundai
 Grooves 1, Length 221.00, Pulley P, Fan EF
 A: 44.50 B: 13.15 C: 54.50 mm

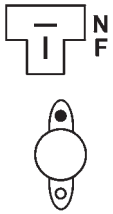
ALTERNATORS

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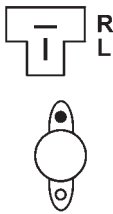
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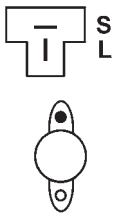
110107 Alternator 14 V, 55 Amp
 Replacing: LR150-191, LR150-190
 Servicing: Massey Ferguson
 Length 165.00, Pulley P, Fan EF



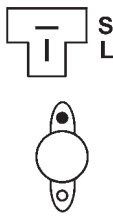
110128 Alternator 14 V, 35 Amp
 Replacing: LT135-69, LT135-54, LT135-36C, LT135-36, LT135-35C, LT135-35B, LT135-35A, LT135-35, LT135-30
 Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM
 Grooves 1, Length 161.00, Pulley P, Fan EF
 A: 42.00 B: 13.00 C: 80.50 mm



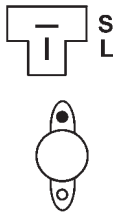
110134 Alternator 14 V, 55 Amp
 Replacing: LR150-165
 Servicing: Mazda
 Grooves 1, Length 171.50, Pulley P, Fan EF
 A: 41.00 B: 12.50 C: 80.50 mm



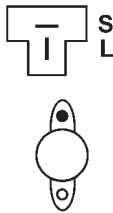
110168 Alternator 14 V, 50 Amp
 Replacing: LR150-99B, LR150-99, LR150-98E, LR150-98B, LR150-98, LR150-67, LR150-66, LR150-58, LR150-53
 Servicing: Nissan
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 42.50 B: 13.00 C: 81.00 mm



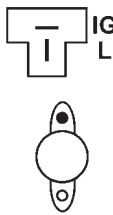
110264 Alternator 14 V, 40 Amp
 Replacing: LR140-133, LR140-132, LR138-01, LR135-70B, LR135-70, LR135-61B, LR135-61, LR135-133, LR135-132
 Servicing: Nissan
 Grooves 1, Length 159.00, Pulley P, Fan EF
 A: 41.50 B: 13.20 C: 80.20 mm



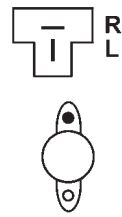
110267 Alternator 14 V, 55 Amp
 Replacing: LR160-138, LR160-137, LR155-25, LR155-18, LR155-17, LR155-15C, LR155-15B, LR155-15, LR150-110C
 Servicing: Subaru
 Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 42.00 B: 13.00 C: 81.00 mm



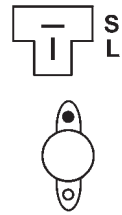
110307 Alternator 14 V, 60 Amp
 Replacing: LR160-78B, LR160-78, LR160-77, LR160-74, LR160-124, LR160-121, LR160-120, LR160-116, LR160-109C
 Servicing: Mazda, Nissan
 Grooves 1, Length 166.20, Pulley P, Fan EF
 A: 42.50 B: 13.10 C: 80.40 mm



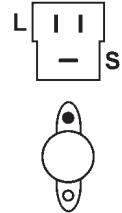
110385 Alternator 14 V, 40 Amp
 Replacing: LR140-128
 Servicing: Bedford, Subaru, Suzuki
 Grooves 1, Length 144.00, Pulley P, Fan EF
 A: 41.00 B: 15.00 C: 66.00 mm



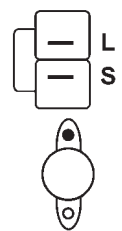
110448 Alternator 28 V, 20 Amp
 Replacing: LR220-24, LR220-23
 Servicing: Mitsubishi, Various Agriculture Vehicles
 Terminal W, Grooves 1, Length 165.00, Pulley P, Fan EF
 A: 44.50 B: 13.50 C: 81.30 mm



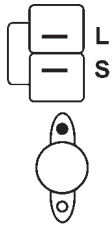
110458 Alternator 14 V, 60 Amp
 Replacing: LR160-84B, LR160-84, LR160-82B, LR160-82, LR160-44
 Servicing: Nissan
 Terminal W, Grooves 1, Length 177.60, Pulley P, Fan EF
 A: 43.00 B: 13.00 C: 80.00 mm



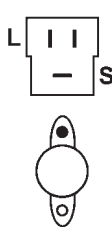
110567 Alternator 28 V, 25 Amp
 Replacing: LR225-67P, LR225-67B, LR225-67, LR225-65P, LR225-65E, LR225-65C, LR225-65B, LR225-65, LR225-60
 Servicing: Nissan
 Grooves 2, Length 248.00, Pulley DP, Fan EF
 A: 42.10 B: 13.67 C: 81.12 mm



110631 Alternator 14 V, 70 Amp
 Replacing: LR170-738E, LR170-738C, LR170-738B, LR170-738, LR165-708E, LR165-708C, LR165-708B, LR165-708
 Servicing: Nissan
 Grooves 4, Pulley SP, Fan IF
 A: 38.00 B: 24.85 C: 82.20 mm



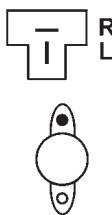
110632 Alternator 14 V, 65 Amp
 Replacing: LR165-707B, LR165-707
 Servicing: Nissan
 Grooves 4, Length 161.00, Pulley SP, Fan IF
 A: 38.00 B: 25.00 C: 81.00 mm



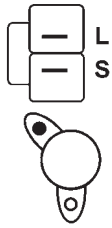
110694 Alternator 14 V, 40 Amp
 Replacing: LR140-408, LR140-402, LR140-130P, LR140-130B, LR140-130, LR140-119C, LR140-119
 Servicing: Nissan
 Grooves 1, Length 226.00, Pulley P, Fan EF
 A: 42.00 B: 13.10 C: 80.45 mm



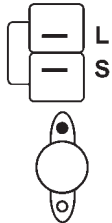
110697 Alternator 14 V, 50 Amp
 Replacing: LR150-55B, LR150-55, LR150-205B, LR150-205, LR150-201B, LR150-201, LR150-155B, LR150-155
 Servicing: Chevrolet, Isuzu, Opel
 Grooves 1, Length 270.00, Pulley P, Fan EF
 A: 48.85 B: 13.25 C: 99.40 mm



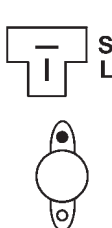
110699 Alternator 14 V, 50 Amp
 Replacing: LR155-414G, LR155-414F, LR155-414B, LR155-414, LR155-410G, LR155-410F, LR155-410BA, LR155-410B
 Servicing: Ford, Mazda
 Grooves 1, Length 248.50, Pulley P, Fan EF
 A: 50.90 B: 13.00 C: 80.25 mm



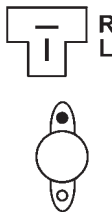
110700 Alternator 14 V, 50 Amp
 Replacing: LR150-443T, LR150-443S, LR150-428T, LR150-428S, LR150-428E, LR150-428C, LR150-428
 Servicing: Nissan
 Grooves 2, Length 248.00, Pulley DP, Fan EF
 A: 42.50 B: 13.00 C: 80.00 mm



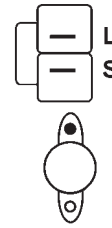
110701 Alternator 14 V, 50 Amp
 Replacing: LR150-435T, LR150-435S, LR150-435, LR150-430T, LR150-430S, LR150-430C, LR150-430
 Servicing: Nissan
 Grooves 2, Length 258.00, Pulley DP, Fan EF
 A: 41.80 B: 13.30 C: 80.50 mm



110703 Alternator 14 V, 55 Amp
 Replacing: LR155-23, LR150-64, LR150-200, LR150-199, LR150-151B, LR150-151, LR150-111
 Servicing: Nissan, Subaru
 Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 42.66 B: 13.00 C: 80.25 mm



110706 Alternator 14 V, 60 Amp
 Replacing: LR160-450, LR160-441F, LR160-441, LR160-440G, LR160-440F, LR160-440, LR160-412S, LR160-412G
 Servicing: Ford, Kia, Mazda
 Grooves 1, Length 247.00, Pulley P, Fan EF
 A: 49.70 B: 13.00 C: 80.00 mm



110707 Alternator 14 V, 60 Amp
 Replacing: LR160-422B, LR160-422
 Servicing: Nissan
 Grooves 1, Length 244.00, Pulley P, Fan EF
 A: 42.00 B: 13.25 C: 80.50 mm



111186 Alternator 14 V, 70 Amp
 Replacing: LR170-427C, LR170-427BA, LR170-427B, LR170-427A, LR170-427, LR170-420B, LR170-420A, LR170-420
 Servicing: Opel, Vauxhall
 Grooves 1, Length 215.00, Pulley P, Fan IF
 A: 42.00 B: 13.00 C: 78.20 mm



111264 Alternator 14 V, 80 Amp
 Replacing: LR180-737C, LR180-737B, LR180-736C, LR180-736B, LR180-736, LR180-725E, LR180-725C, LR180-725B
 Servicing: Infiniti, Nissan
 Grooves 6, Length 159.00, Pulley SP, Fan IF
 A: 37.85 B: 25.45 C: 81.15 mm

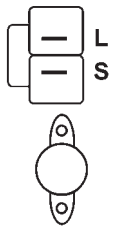


111267 Alternator 14 V, 50 Amp
 Replacing: LR150-78E, LR150-78C, LR150-78B, LR150-78, LR150-453B, LR150-453, LR150-449E, LR150-449C
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 1, Length 238.00, Pulley P, Fan IF
 A: 49.00 B: 13.00 C: 81.50 mm

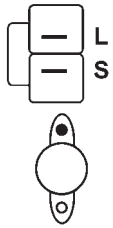
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

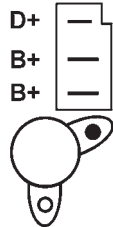
* Available while stock last, * Program development.



111294 Alternator 14 V, 70 Amp
 Replacing: LR170-504C, LR170-504B, LR170-504, LR170-502Q, LR170-502P, LR170-502C, LR170-502B, LR170-502
 Servicing: Nissan
 Grooves 1, Length 246.00, Pulley P, Fan EF
 A: 41.65 B: 13.20 C: 80.50 mm



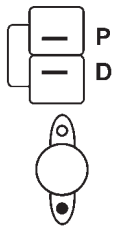
111316 Alternator 14 V, 60 Amp
 Replacing: LR160-437T, LR160-437S, LR160-437, LR160-436T, LR160-436S, LR160-436, LR160-427T, LR160-427S
 Servicing: Nissan
 Grooves 2, Length 248.75, Pulley DP, Fan EF
 A: 42.00 B: 14.00 C: 81.15 mm



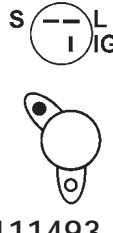
111364 Alternator 14 V, 55 Amp
 Replacing: LR150-189
 Servicing: Ford, Rover
 Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF
 A: 35.50 B: 12.50 C: 81.00 mm



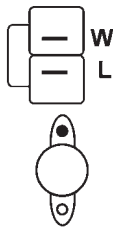
111381 Alternator 14 V, 110 Amp
 Replacing: LR1110-723E, LR1110-723C, LR1110-723B, LR1110-723, LR1110-720, LR1110-710F, LR1110-710E
 Servicing: Infiniti, Nissan
 Grooves 6, Length 183.50, Pulley SP, Fan IF
 A: 38.40 B: 13.25 C: 80.50 mm



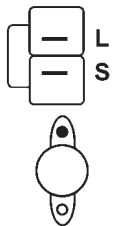
111384 Alternator 14 V, 70 Amp
 Replacing: LR170-758
 Servicing: Kia, Mazda
 Grooves 4, Length 172.00, Pulley SP, Fan IF
ECU controlled.
 A: 37.65 B: 13.15 C: 67.35 mm



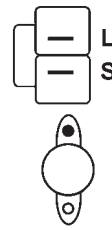
111493 Alternator 28 V, 25 Amp
 Replacing: LR225-409E, LR225-409B, LR225-409, LR225-408E, LR225-408C, LR225-408B, LR225-408
 Servicing: Isuzu
 Grooves 1, Length 236.00, Pulley P, Fan EF
 A: 45.50 B: 13.50 C: 80.70 mm



111515 Alternator 14 V, 70 Amp
 Replacing: LR170-511B, LR170-511A, LR170-511, LR170-505E, LR170-505D, LR170-505C, LR170-505B, LR170-505A
 Servicing: AC, Opel, Vauxhall
 Grooves 1, Length 215.00, Pulley P, Fan IF
 A: 42.50 B: 13.00 C: 78.50 mm



111614 Alternator 28 V, 35 Amp
 Replacing: LR235-405T, LR235-405S, LR235-405, LR235-404T, LR235-404S, LR235-404C, LR235-404, LR235-402
 Servicing: Nissan
 Grooves 2, Length 249.00, Pulley DP, Fan EF
 A: 42.00 B: 13.50 C: 80.50 mm



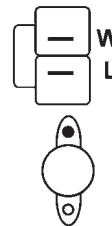
111704 Alternator 14 V, 70 Amp
 Replacing: LR170-750C, LR170-750B, LR170-750, LR170-748B, LR170-748, LR170-746M, LR170-746K, LR170-746J
 Servicing: Nissan
 Grooves 4, Length 175.00, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 81.00 mm



111767 Alternator 14 V, 80 Amp
 Replacing: LR180-504, LR180-501C, LR180-501B, LR180-501
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 1, Length 245.00, Pulley P, Fan EF
 A: 49.00 B: 13.10 C: 82.20 mm



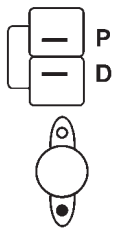
111803 Alternator 14 V, 60 Amp
 Replacing: S114-806A
 Servicing: Renault
 Grooves 1, Length 173.50, Pulley P, Fan EF
 A: 50.50 B: 26.00 mm



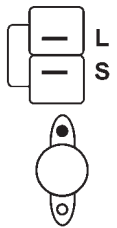
111831 Alternator 14 V, 100 Amp
 Replacing: LR1100-501B, LR1100-501
 Servicing: Opel
 Terminal W, Grooves 1, Length 213.00, Pulley P, Fan IF
 A: 42.00 B: 13.00 C: 77.00 mm



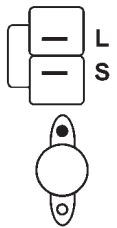
112002 Alternator 14 V, 120 Amp
 Replacing: LR1120-701
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 Alternative no.: 115483
 A: 39.00 B: 14.50 C: 61.00 mm



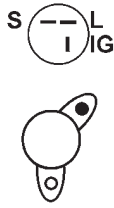
112067 Alternator 14 V, 80 Amp
 Replacing: LR180-766
 Servicing: Mazda
 Grooves 4, Length 163.00, Pulley SP, Fan IF
 A: 39.00 B: 13.50 C: 67.00 mm



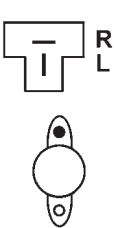
112086 Alternator 14 V, 60 Amp
 Replacing: LR150-425B, LR150-425
 Servicing: Audi, Ford, Nissan
 Grooves 1, Length 247.00, Pulley P, Fan EF
 A: 42.00 B: 13.10 C: 80.40 mm



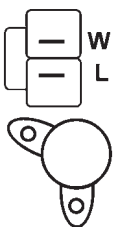
112093 Alternator 14 V, 70 Amp
 Replacing: LR170-413, LR170-412T, LR170-412S, LR170-412, LR170-408T, LR170-408S, LR170-408C, LR170-408B
 Servicing: Nissan
 Grooves 2, Length 250.00, Pulley DP, Fan EF
 A: 41.50 B: 13.00 C: 80.00 mm



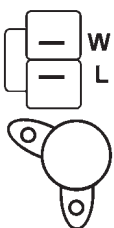
112228 Alternator 14 V, 60 Amp
 Replacing: LR160-446E, LR160-446C, LR160-446B, LR160-446
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 1, Length 242.50, Pulley P, Fan EF
 A: 48.00 B: 13.00 C: 80.50 mm



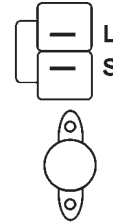
112270 Alternator 14 V, 35 Amp
 Replacing: LR135-95B, LR135-95, LR135-91, LR135-86F, LR135-86C, LR135-86B, LR135-86, LR135-74B, LR135-74
 Servicing: Mazda
 Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 41.85 B: 13.50 C: 81.65 mm



112271 Alternator 14 V, 100 Amp
 Replacing: LR1100-505E, LR1100-505D, LR1100-505C, LR1100-505B, LR1100-505A, LR1100-505, LR1100-504F
 Servicing: Honda, Opel, Vauxhall
 Terminal W, Grooves 6, Length 223.00, Pulley SP, Fan IF
 A: 36.00 B: 12.90 C: 66.10 mm



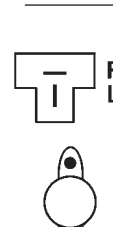
112272 Alternator 14 V, 70 Amp
 Replacing: LR170-509H, LR170-509G, LR170-509F, LR170-509E, LR170-509D, LR170-509C, LR170-509B, LR170-509A
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 6, Length 225.00, Pulley SP, Fan IF
 A: 36.00 B: 13.50 C: 66.30 mm



112351 Alternator 14 V, 90 Amp
 Replacing: LR190-734H, LR190-734G, LR190-734F, LR190-734E, LR190-734D, LR190-734C, LR190-734B, LR190-734A
 Servicing: Nissan
 Grooves 1, Length 171.00, Pulley P, Fan IF
 A: 42.00 B: 13.00 C: 81.00 mm



112375 Alternator 14 V, 80 Amp
 Replacing: LR180-03C, LR180-03B, LR180-03A, LR180-03
 Servicing: Yanmar
 Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF
 A: 42.50 B: 13.15 C: 82.00 mm



112477 Alternator 28 V, 25 Amp
 Replacing: LR225-88
 Servicing: Mercury
 Length 185.00, Pulley w/o, Fan EF
 B: 13.00 C: 84.00 mm



112671 Alternator 14 V, 60 Amp
 Replacing: LR160-735B
 Servicing: Yanmar
 Grooves 1, Length 168.00, Pulley P, Fan IF
 A: 45.00 B: 13.00 C: 81.65 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

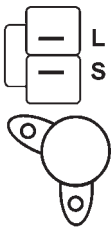
* Available while stock last, * Program development.



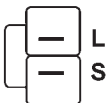
112673 Alternator 14 V, 70 Amp
 Replacing: LR170-767B, LR170-760, LR160-734B, LR160-734
 Servicing: Isuzu, Opel
 Grooves 2, Length 167.50, Pulley DP, Fan IF
 A: 44.50 B: 13.00 C: 81.40 mm



112977 Alternator 14 V, 60 Amp
 Replacing: LR160-726B, LR160-726
 Servicing: Honda, Isuzu
 Grooves 4, Length 161.00, Pulley SP, Fan IF
 A: 91.50 B: 57.50 mm



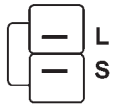
113316 Alternator 14 V, 110 Amp
 Replacing: LR1110-717B, LR1110-717, LR1110-713V, LR1110-713C, LR1110-713B, LR1110-713
 Servicing: Nissan
 Grooves 6, Length 184.00, Pulley SP, Fan IF
 A: 33.00 B: 12.95 C: 59.20 mm



113317 Alternator 14 V, 80 Amp
 Replacing: LR180-769B, LR180-769, LR180-768, LR180-762C, LR180-762B, LR180-762
 Servicing: Nissan
 Grooves 6, Length 180.50, Pulley SP, Fan IF
 A: 38.20 B: 13.00 C: 80.90 mm



113347 Alternator 14 V, 20 Amp
 Replacing: LR120-23
 Servicing: Bobcat, Isuzu
 Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 42.50 B: 14.50 C: 80.50 mm



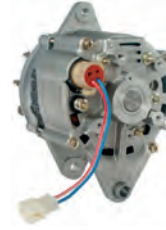
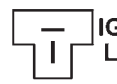
113383 Alternator 14 V, 60 Amp
 Replacing: LR160-728F, LR160-728E, LR160-728C, LR160-728B, LR160-728
 Servicing: Nissan
 Grooves 2, Length 181.00, Pulley DP, Fan IF
 A: 42.00 B: 12.80 C: 80.90 mm



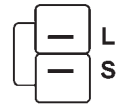
113401 Alternator 14 V, 40 Amp
 Replacing: LR140-727, LR140-723B, LR140-721E, LR140-721D, LR140-721C, LR140-721B, LR140-721, LR140-719
 Servicing: John Deere, Kubota, Yanmar
 Terminal W, Grooves 1, Length 142.00, Pulley P, Fan IF
 A: 41.50 B: 12.00 C: 67.20 mm



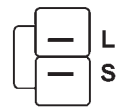
113412 Alternator 14 V, 70 Amp
 Replacing: LR170-410, LR170-401
 Servicing: Isuzu
 Grooves 2, Length 268.00, Pulley DP, Fan EF
 A: 44.75 B: 13.45 C: 81.80 mm



113418 Alternator 28 V, 25 Amp
 Replacing: LR225-84T, LR225-84
 Servicing: Nissan
 Grooves 2, Length 185.00, Pulley DP, Fan EF
 A: 42.85 B: 13.90 C: 81.40 mm



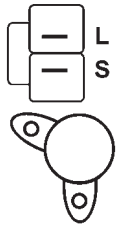
113420 Alternator 14 V, 110 Amp
 Replacing: LR1110-712
 Servicing: Infiniti, Nissan
 Grooves 6, Length 178.50, Pulley SP, Fan IF
 A: 36.35 B: 12.80 C: 81.80 mm



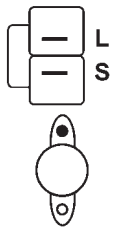
113440 Alternator 14 V, 100 Amp
 Replacing: LR1100-724C, LR1100-724B, LR1100-724
 Servicing: Nissan
 Grooves 1, Length 166.00, Pulley P, Fan IF
 A: 41.50 B: 13.20 C: 80.90 mm



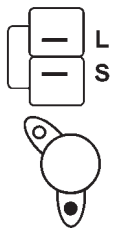
113563 Alternator 14 V, 90 Amp
 Replacing: LR190-743
 Servicing: Honda, Isuzu
 Grooves 6, Length 176.50, Pulley SP, Fan IF
 A: 89.50 B: 56.55 mm



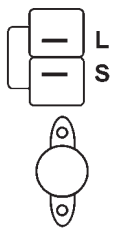
113697 Alternator 14 V, 65 Amp
 Replacing: LR170-768, LR165-714
 Servicing: Nissan
 Grooves 6, Length 158.00, Pulley SP,
 Fan EF
 A: 38.00 B: 24.50 C: 66.50 mm



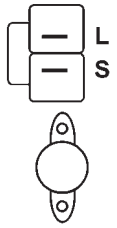
113698 Alternator 14 V, 90 Amp
 Replacing: LR190-750B, LR190-750
 Servicing: Isuzu, Opel
 Grooves 2, Length 185.30, Pulley DP,
 Fan IF
 A: 45.00 B: 13.00 C: 81.00 mm



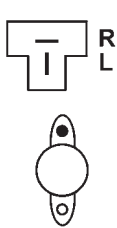
113785 Alternator 14 V, 80 Amp
 Replacing: LR190-731B, LR190-731
 Servicing: Mazda
 Grooves 2, Length 182.00, Pulley DP,
 Fan IF
 A: 41.50 B: 12.80 C: 64.00 mm



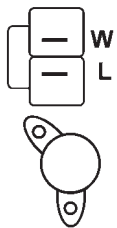
113787 Alternator 14 V, 90 Amp
 Replacing: LR190-770C, LR190-752H, LR190-
 752C, LR190-752B, LR190-752
 Servicing: Nissan
 Grooves 7, Length 191.00, Pulley SP/FW,
 Fan IF
 A: 37.50 B: 13.00 C: 81.00 mm



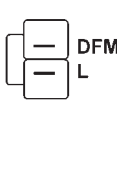
113788 Alternator 14 V, 80 Amp
 Replacing: LR180-749E, LR180-749C, LR180-
 749B, LR180-749
 Servicing: Nissan
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 42.00 B: 12.80 C: 80.30 mm



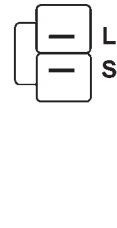
113793 Alternator 14 V, 55 Amp
 Replacing: LR155-29, LR155-20B, LR155-20
 Servicing: Yanmar
 Grooves 1, Length 184.00, Pulley P,
 Fan EF
 A: 42.00 B: 13.00 C: 80.00 mm



113941 Alternator 14 V, 100 Amp
 Replacing: LR1100-503F, LR1100-503E,
 LR1100-503D, LR1100-503C, LR1100-503B,
 LR1100-503A, LR1100-503
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 6, Length 224.00,
 Pulley SP/FW, Fan IF
 A: 35.50 B: 13.00 C: 66.50 mm



113956 Alternator 14 V, 100 Amp
 Replacing: LR1100-508F, LR1100-508E,
 LR1100-508D, LR1100-508C, LR1100-508B,
 LR1100-508A, LR1100-508
 Servicing: Opel, Vauxhall
 Grooves 6, Length 233.00, Pulley SP/FW,
 Fan IF
 A: 35.30 B: 13.00 C: 65.50 mm



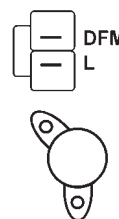
113993 Alternator 14 V, 135 Amp
 Replacing: LR1130-702C, LR1130-702B,
 LR1130-702
 Servicing: Nissan, Opel, Renault, Renault
 V.I., Vauxhall
 Grooves 7, Length 195.00, Pulley SP/
 FW, Fan IF
 A: 38.50 B: 13.00 C: 81.00 mm



113997 Alternator 14 V, 40 Amp
 Replacing: LR140-708C, LR140-708, LR140-
 707
 Servicing: Honda
 Fan IF
 B: 14.80 mm



114014 Alternator 28 V, 60 Amp
 Replacing: LR260-504B, LR250-508C, LR250-
 508B, LR250-508
 Servicing: Isuzu
 Grooves 3, Length 291.00, Pulley Triple
 Pulley, Fan EF
 A: 43.00 B: 17.00 C: 78.00 mm

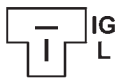


114121 Alternator 14 V, 110 Amp
 Replacing: LR1110-503F, LR1110-503E,
 LR1110-503D, LR1110-503C, LR1110-503B,
 LR1110-503A, LR1110-503
 Servicing: Opel, Vauxhall
 Grooves 6, Length 235.00, Pulley SP/
 FW, Fan IF
 A: 35.00 B: 12.60 C: 66.50 mm

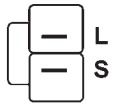
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



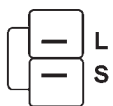
114209 Alternator 14 V, 60 Amp
 Replacing: LR160-743
 Servicing: Komatsu, Yanmar
 Terminal W, Grooves 1, Length 167.50,
 Pulley P, Fan IF
 A: 42.00 B: 13.20 C: 80.70 mm



114262 Alternator 14 V, 80 Amp
 Replacing: LR180-772, LR180-763
 Servicing: Komatsu
 Grooves 1, Length 172.00, Pulley P
 A: 46.00 B: 13.00 C: 80.00 mm



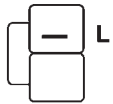
114301 Alternator 14 V, 150 Amp
 Replacing: LR1150-706B, LR1150-706
 Servicing: Renault
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 39.00 B: 13.00 C: 82.50 mm



114458 Alternator 14 V, 60 Amp
 Replacing: LR160-503E, LR160-503
 Servicing: Isuzu
 Grooves 1, Length 262.00, Pulley P, Fan IF
 A: 50.00 B: 13.50 C: 83.50 mm



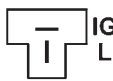
114672 Alternator 14 V, 60 Amp
 Replacing: LR160-741
 Servicing: Yanmar
 Grooves 1, Length 160.00, Pulley P, Fan IF
 A: 45.00 B: 13.00 C: 82.00 mm



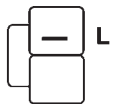
114782 Alternator 28 V, 50 Amp
 Replacing: LR250-517
 Servicing: Isuzu
 Grooves 3, Pulley SP
 A: 42.00 B: 17.00 C: 78.00 mm



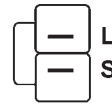
114802 Alternator 14 V, 60 Amp
 Replacing: LR160-502E, LR160-502C, LR160-502B, LR160-502
 Servicing: Fiat, Isuzu
 Grooves 1, Length 257.00, Pulley P,
 Fan IF
 A: 49.00 B: 13.00 C: 81.00 mm



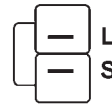
115432 Alternator 14 V, 50 Amp
 Replacing: LR150-715A, LR150-715
 Servicing: Bobcat, Gehl, Mustang, Takeuchi
 Terminal W, Grooves 1, Length 152.00,
 Pulley P, Fan IF
 A: 46.00 B: 12.00 C: 81.50 mm



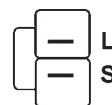
115630 Alternator 28 V, 50 Amp
 Replacing: LR250-708E, LR250-708B, LR250-708,
 LR250-707C, LR250-707
 Servicing: Isuzu
 Grooves 7, Length 205.00, Pulley SP,
 Fan EF
 A: 55.30 B: 17.50 C: 76.20 mm



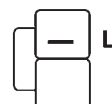
116104 Alternator 28 V, 80 Amp
 Replacing: LR280-708C, LR280-708B, LR280-708,
 LR280-707C, LR280-707B, LR280-707
 Servicing: Nissan
 Grooves 7, Length 220.00, Pulley SP,
 Fan EF
 A: 55.00 B: 17.50 C: 76.00 mm



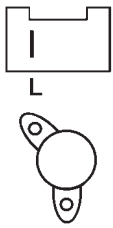
116105 Alternator 14 V, 90 Amp
 Replacing: LR190-768, LR190-763
 Servicing: Isuzu
 Grooves 7, Length 184.00, Pulley SP,
 Fan IF
 A: 39.00 B: 13.00 C: 81.00 mm



116107 Alternator 14 V, 80 Amp
 Replacing: LR180-513B, LR180-513
 Servicing: Isuzu
 Grooves 1, Length 242.40, Pulley P,
 Fan IF
 A: 49.00 B: 18.00 C: 81.50 mm



116108 Alternator 28 V, 50 Amp
 Replacing: LR250-511B, LR250-511
 Servicing: Isuzu
 Grooves 3, Length 164.00, Pulley Triple
 Pulley, Fan EF
 A: 42.00 B: 13.10 C: 81.30 mm



110048 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: 11.203.670
 Servicing: Farymann, Renault, Volvo Penta
 Terminal W, Grooves 1, Length 180.00, Pulley SP, Fan EF
 A: 72.00 B: 51.00 mm



110105 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK3328, AAK1362, AAK1330, 11.201.929, 11.201.665, 11.201.592, 11.201.453
 Servicing: John Deere
 Grooves 1, Length 178.00, Pulley P, Fan EF
 A: 83.30 B: 56.00 mm



110113 Alternator 28 V, 27 Amp
 Replacing: AAK4179, AAK1309, AAK1229, AAK1213, AAK1205, AAK1153, AAK1125, 11.201.525, 11.201.360, 11.201.201
 Servicing: Mercedes-Benz
 Length 165.00, Pulley w/o, Fan EF
 B: 80.00 mm



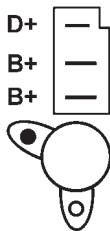
110127 Alternator 14 V, 70 Amp
 Replacing: AAK3802, AAK3333, AAK1375, 11.203.998, 11.201.938, 11.201.723
 Servicing: Farymann, Volvo Penta
 Terminal W, Grooves 1, Length 179.00, Pulley P, Fan EF
 A: 79.00 B: 51.00 mm



110163 Alternator 28 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK4591, 11.201.789
 Servicing: Renault V.I.
 Terminal W, Grooves 2, Length 172.50, Pulley DP, Fan EF
 A: 48.75 B: 27.25 C: 67.50 mm



110175 Alternator 28 V, 100 Amp
 Replacing: AAT3312, 11.204.021
 Servicing: Volvo Penta
 Length 249.00, Pulley w/o, Fan EF
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.
 B: 14.75 C: 103.00 mm



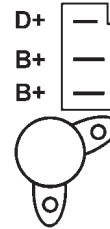
110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: AAK4116, AAG1111, 11.201.272, 11.201.067
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



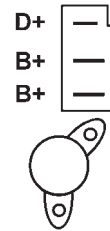
110348 Alternator 14 V, 55 Amp
 Replacing: AAK4127, 11.201.385, 11.201.293
 Servicing: Lada
 Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 45.00 B: 19.60 C: 63.00 mm



110350 Alternator 14 V, 44 Amp
 Replacing: AAK4128, 11.201.294
 Servicing: Fiat, Lada
 Grooves 1, Length 166.00, Pulley P, Fan EF
 A: 46.50 B: 19.50 C: 60.50 mm



110358 Alternator 14 V, 55 Amp
 Replacing: AAK4141, AAK3548, AAK3525, AAK3520, AAK1157, AAK1152, 11.201.633, 11.201.632, 11.201.307
 Servicing: Mercedes-Benz, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 77.50 B: 56.00 mm



110360 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK3501, AAK1139, AAK1105, 11.201.601
 Servicing: Audi, Deutz-Fahr, VW
 Length 154.00, Pulley P, Fan EF
 B: 56.00 mm



110641 Alternator 14 V, 33 Amp
 Replacing: AAG1328, AAG1311, AAG1301, 11.201.501, 11.201.372, 11.201.096, 11.201.027
 Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde
 Terminal W, Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 76.50 B: 56.00 mm

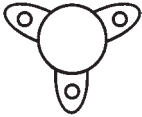
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

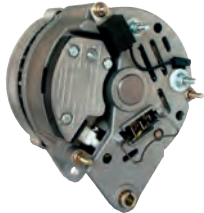
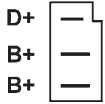
* Available while stock last, * Program development.



110743 Alternator 14 V, 30 Amp
 Replacing: AAG0702, 11.201.021
 Servicing: Citroen
 Grooves 1, Length 155.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130679.
 A: 61.00 B: 40.00 mm



110766 Alternator 28 V, 27 Amp
 Replacing: AAK4509, AAK1352, AAK1204, AAK1167, AAK1115, AAK1113, AAK1109, 11.201.574, 11.201.557, 11.201.186
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



110770 Alternator 14 V, 55 Amp
 Replacing: AAK4574, AAK4568, 11.201.728, 11.201.707
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover
 Terminal W, Length 166.00, Pulley w/o, Fan w/o
 B: 12.00 C: 82.00 mm



110881 Alternator 14 V, 55 Amp
 Replacing: AAK4349, AAK3818, AAK3579, AAK1189, 11.204.050, 11.203.405, 11.201.512, 11.201.511, 11.201.478
 Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo
 Terminal W, Grooves 2, Length 170.00, Pulley DP, Fan EF
 A: 88.00 B: 56.00 mm



110882 Alternator 14 V, 45 Amp
 Replacing: AAK4162, AAK3197, 11.209.443, 11.201.336, 11.201.070
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 181.50, Pulley P, Fan w/o
 Connection 67 = D+ terminal.
 A: 47.00 B: 16.25 C: 63.00 mm



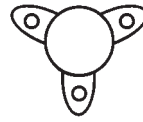
110890 Alternator 14 V, 55 Amp
 Replacing: AAK4140, AAK3560, AAK1135, 11.201.457, 11.201.306, 11.201.242, 11.201.112
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 169.00, Pulley P, Fan w/o
 A: 49.00 B: 17.00 C: 63.00 mm



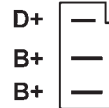
110891 Alternator 14 V, 70 Amp
 Replacing: AAK4526, 11.201.581
 Servicing: Ford, Land Rover, MG
 Terminal W, Length 169.00, Pulley w/o, Fan w/o
 B: 11.30 C: 83.00 mm



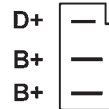
110895 Alternator 28 V, 55 Amp
 Replacing: AAN3106, AAK1367, AAK1347, 11.209.415, 11.201.705, 11.201.522
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong
 Terminal W, Length 196.50, Pulley w/o, Fan EF
 B: 80.00 mm



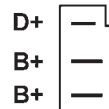
110906 Alternator 28 V, 30 Amp
 Replacing: AAK1107, 11.201.050
 Servicing: Mercedes-Benz
 Terminal W, Length 187.00, Pulley w/o, Fan w/o
 B: 80.00 mm



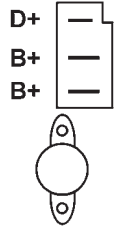
110913 Alternator 14 V, 70 Amp
 Replacing: AAK4157, AAK3514, AAK1183, 11.201.617, 11.201.331, 11.201.220
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm



110919 Alternator 14 V, 70 Amp
 Replacing: AAK3544, AAK3543, 11.201.439, 11.201.438
 Servicing: Audi, VW
 Grooves 1, Length 185.00, Pulley P, Fan EF
 A: 110.00 B: 56.00 mm



110968 Alternator 14 V, 70 Amp
 Replacing: AAK1333, AAK1133, 11.201.470
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P, Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 11.00 C: 82.00 mm



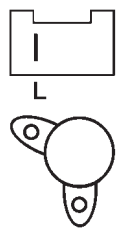
110970 Alternator 14 V, 65 Amp
 Replacing: AAG1310, 11.201.095
 Servicing: Massey Ferguson
 Terminal W, Grooves 1, Pulley P,
 Fan EF
 A: 58.00 B: 27.10 mm



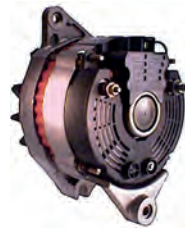
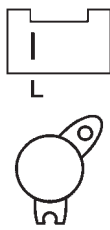
111035 Alternator 14 V, 65 Amp
 Replacing: AAK3538, AAK3529, AAK1175,
 AAK1172, AAK1171, AAK1163, AAK1123,
 AAG0403, 11.201.432, 11.201.405
 Servicing: Audi, Autobianchi, Case, Fiat,
 Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P,
 Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm



111036 Alternator 14 V, 45 Amp
 Replacing: AAK4580, AAK4177, 11.201.735,
 11.201.358
 Servicing: Autobianchi, Fiat, Lancia
 Grooves 1, Pulley P, Fan EF
HC-CARGO 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



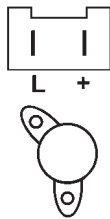
111075 Alternator 14 V, 55 Amp
 Replacing: AAK4104, 11.201.255
 Servicing: Citroen, Peugeot, Talbot, Vauxhall
 Grooves 1, Length 161.50, Pulley P,
 Fan EF
 A: 59.50 B: 40.00 mm



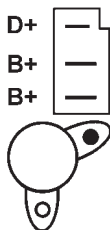
111076 Alternator 14 V, 50 Amp
 Replacing: AAK4189, AAK3528
 Servicing: Citroen, Opel, Peugeot, Talbot
 Grooves 4, Length 163.50, Pulley SP,
 Fan EF
 A: 46.35 B: 26.80 C: 66.00 mm



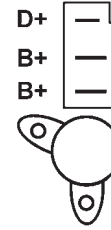
111078 Alternator 14 V, 45 Amp
 Replacing: AAK4167, AAK1128, 11.201.347
 Servicing: Autobianchi, Fiat, Lancia, Seat,
 Zastava
 Grooves 1, Length 169.00, Pulley P,
 Fan EF
 A: 53.25 B: 23.50 mm



111082 Alternator 14 V, 60 Amp
 Replacing: AAK4544, AAK1170, 11.201.664,
 11.201.198
 Servicing: Renault
 Grooves 1, Length 178.25, Pulley P,
 Fan EF
 A: 100.95 B: 56.00 mm



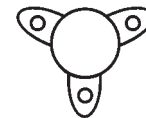
111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK3587, 11.201.528
 Servicing: Austin, Ford, Mercury, MG, Rover,
 Suzuki
 Grooves 1, Length 170.00, Pulley P,
 Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm



111093 Alternator 14 V, 70 Amp
 Replacing: AAK4578, AAK4571, 11.201.732,
 11.201.713
 Servicing: Mercedes-Benz
 Grooves 6, Length 183.50, Pulley SP,
 Fan EF
 A: 92.00 B: 56.00 mm



111094 Alternator 14 V, 65 Amp
 Replacing: AAK3542, 11.201.437
 Servicing: Audi, VW
 Terminal W, Grooves 1, Length 187.25,
 Pulley P, Fan EF
 A: 109.00 B: 56.00 mm



111141 Alternator 14 V, 55 Amp
 Replacing: AAK4549, AAK1301, AAK1130,
 11.201.685, 11.201.102, 11.201.097
 Servicing: MAN, Mercedes-Benz
 Terminal W, Length 167.70, Pulley w/o,
 Fan w/o
 B: 80.00 mm



111148 Alternator 14 V, 65 Amp
 Replacing: AAK4527, AAK3530, AAK1173,
 11.201.582, 11.201.406, 11.201.205
 Servicing: Autobianchi, Fiat, Lancia, Zastava
 Grooves 1, Length 165.50, Pulley P,
 Fan w/o
 A: 52.25 B: 23.00 C: 73.00 mm



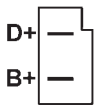
111154 Alternator 14 V, 65 Amp
 Replacing: AAK4106, 11.201.257
 Servicing: Audi, Mercedes-Benz, Seat, VW
 Terminal W, Grooves 1, Length 176.50,
 Pulley P, Fan EF
 A: 87.50 B: 56.00 mm



111168 Alternator 14 V, 55 Amp
 Replacing: AAK4133, AAK3129, 11.201.927,
 11.201.299
 Servicing: Ferrari, Opel, Vauxhall
 Terminal W, Grooves 1, Length 170.00,
 Pulley P, Fan EF
 A: 84.00 B: 56.00 mm



111176 Alternator 14 V, 75 Amp
 Replacing: AAK4564, AAK3122, AAK1339,
 11.201.890, 11.201.824
 Servicing: Ford, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 166.50,
 Pulley P, Fan EF
 A: 35.50 B: 11.25 C: 81.65 mm



111180 Alternator 14 V, 33 Amp
 Replacing: AAG1130, AAG1104, AAG0402,
 11.201.783, 11.201.037
 Servicing: Fiat, Fiat-Allis, Lamborghini,
 Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 116133
 A: 49.00 B: 25.00 C: 74.00 mm



111186 Alternator 14 V, 70 Amp
 Replacing: AAK3161, AAK3142, 11.209.403,
 11.209.402, 11.209.003
 Servicing: Opel, Vauxhall
 Grooves 1, Length 215.00, Pulley P,
 Fan IF
 A: 42.00 B: 13.00 C: 78.20 mm



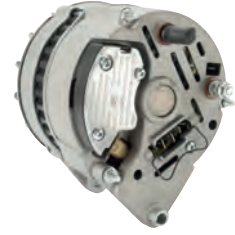
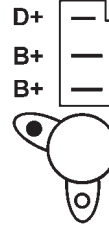
111226 Alternator 14 V, 50 Amp
 Replacing: AAK2305, 11.201.853
 Servicing: Hatz
 Length 162.50, Pulley w/o, Fan w/o



111287 Alternator 14 V, 70 Amp
 Replacing: AAK3588, AAK3510, AAK1179,
 AAK1178, 11.201.611, 11.201.529,
 11.201.211, 11.201.210
 Servicing: VW
 Terminal W, Grooves 1, Length 190.00,
 Pulley P, Fan EF
 A: 109.50 B: 56.00 mm



111288 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK1199, AAK1140, 11.201.245,
 11.201.122
 Servicing: MAN, Seat, VW
 Terminal W, Grooves 1, Length 168.00,
 Pulley P, Fan EF
 A: 75.00 B: 56.00 mm



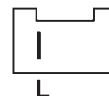
111289 Alternator 14 V, 70 Amp
 Replacing: AAK4524, AAK4520, AAK4519,
 AAK4513, AAK4135, AAK3590, AAK1358,
 AAK1114, 11.201.676, 11.201.579
 Servicing: Austin, Case, Dronningborg, Ford,
 Land Rover, Massey Ferguson, MG, Morris,
 Rover
 Terminal W, Grooves 1, Length 175.00,
 Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



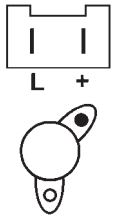
111293 Alternator 14 V, 70 Amp
 Replacing: AAK5302, 11.201.993
 Servicing: Ford
 Grooves 6, Length 172.00, Pulley SP,
 Fan IF
 A: 33.00 B: 14.00 C: 80.00 mm



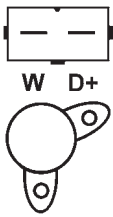
111318 Alternator 14 V, 80 Amp
 Replacing: AAK5332, 11.203.057
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP,
 Fan IF
 A: 92.35 B: 56.00 mm



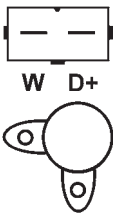
111321 Alternator 14 V, 70 Amp
 Replacing: AAK3583, 11.201.523
 Servicing: Volvo
 Grooves 6, Length 166.00, Pulley SP,
 Fan EF
 A: 46.50 B: 27.00 C: 69.50 mm



111325 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK4585, AAK4506, 11.201.765, 11.201.554
 Servicing: Renault
 Grooves 1, Length 174.50, Pulley P, Fan EF
 A: 57.10 B: 27.15 C: 66.75 mm



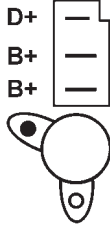
111352 Alternator 14 V, 70 Amp
 Replacing: AAK5169, 11.201.889
 Servicing: Seat, Skoda, VW
 Terminal W, Grooves 6, Length 190.50, Pulley SP, Fan IF
 A: 39.45 B: 14.65 C: 59.80 mm



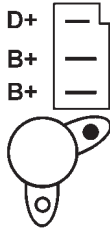
111353 Alternator 14 V, 70 Amp
 Replacing: AAK5380, 11.203.165
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



111354 Alternator 14 V, 70 Amp
 Replacing: AAK5319, AAK5127, 11.203.024, 11.201.744
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



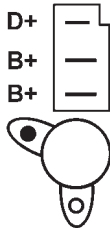
111355 Alternator 14 V, 65 Amp
 Replacing: AAK4598, AAK4523, AAK3369, 11.203.097, 11.201.810, 11.201.578
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra
 Terminal W, Grooves 1, Length 163.50, Pulley P, Fan EF
 A: 37.00 B: 11.50 C: 81.00 mm



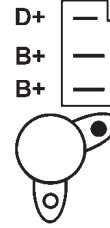
111356 Alternator 14 V, 55 Amp
 Replacing: AAK4532, 11.201.587
 Servicing: Ford, Various Agriculture Vehicles
 Terminal W, Grooves 3, Pulley SP, Fan EF
 A: 43.00 B: 10.80 C: 81.00 mm



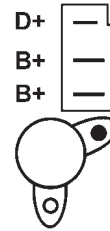
111361 Alternator 14 V, 67 Amp
 Replacing: AAK1373, 11.201.717
 Servicing: Nissan
 Terminal W, Grooves 4, Length 176.50, Pulley SP, Fan EF
 A: 69.65 B: 25.00 C: 81.00 mm



111362 Alternator 14 V, 55 Amp
 Replacing: AAK1329, AAK1325, 11.201.415, 11.201.400, 11.201.399
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra
 Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF
 A: 34.50 B: 11.00 C: 81.00 mm



111364 Alternator 14 V, 55 Amp
 Replacing: AAK4567, AAK4139, AAK1388, 11.201.764, 11.201.716, 11.201.706, 11.201.305
 Servicing: Ford, Rover
 Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF
 A: 35.50 B: 12.50 C: 81.00 mm



111366 Alternator 14 V, 70 Amp
 Replacing: AAK4599, AAK4575, 11.201.811, 11.201.729
 Servicing: Ford
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 34.90 B: 12.00 C: 82.60 mm



111369 Alternator 14 V, 90 Amp
 Replacing: AAK5501, AAK5305, 11.209.001, 11.203.004
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 Terminal W, Grooves 6, Length 189.50, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



111418 Alternator 14 V, 60 Amp
 Replacing: AAK4530, 11.201.585
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 165.50, Pulley P, Fan EF
 Alternative no.: 115873
 A: 49.00 B: 17.00 C: 66.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

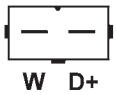
* Available while stock last, * Program development.



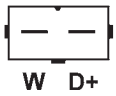
111419 Alternator 28 V, 55 Amp
 Replacing: AAK4507, 11.201.555
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda
 Terminal W, Grooves 2, Length 188.00, Pulley DP, Fan EF
 A: 50.00 B: 17.45 C: 63.00 mm



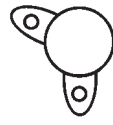
111426 Alternator 14 V, 100 Amp
 Replacing: AAK5535, AAK5513, 11.209.407, 11.209.020
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 51.00 B: 33.75 C: 56.00 mm



111477 Alternator 14 V, 90 Amp
 Replacing: AAK5502, AAK5171, 11.209.002, 11.201.898
 Servicing: Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 40.00 B: 13.50 C: 59.00 mm



111479 Alternator 14 V, 90 Amp
 Replacing: AAK5198, 11.201.990
 Servicing: Seat, VW
 Terminal W, Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 59.00 mm



111514 Alternator 14 V, 100 Amp
 Replacing: AAK5510, 11.209.011
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 52.00 B: 34.00 C: 56.00 mm



111528 Alternator 28 V, 55 Amp
 Replacing: AAK3332, AAK1369, 11.201.937, 11.201.710
 Servicing: Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 180.75, Pulley w/o, Fan EF
 B: 51.50 mm



111620 Alternator 14 V, 65 Amp
 Replacing: AAK4562, AAK4158, 11.201.701
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Lancia, Pininfarina, Various Agriculture Vehicles
 Grooves 5, Length 172.00, Pulley SP, Fan EF
 A: 47.75 B: 16.30 C: 63.00 mm



111629 Alternator 28 V, 120 Amp
 Replacing: AAT1303, 11.201.868
 Servicing: MAN, Mercedes-Benz, Setra
 Terminal W, Length 310.50, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A.
 B: 15.00 C: 180.00 mm



111631 Alternator 28 V, 55 Amp
 Replacing: AAK5717, AAK5517, 11.203.573, 11.203.215
 Servicing: Volvo
 Terminal W, Length 185.00, Pulley w/o, Fan EF
 B: 14.10 C: 100.00 mm



111649 Alternator 14 V, 33 Amp
 Replacing: AAG1343, 11.201.784
 Servicing: Claas, Eicher, John Deere, Lamborghini, Same
 Grooves 1, Length 168.50, Pulley P, Fan EF
 A: 76.00 B: 56.00 mm



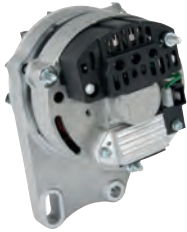
111654 Alternator 14 V, 65 Amp
 Replacing: AAK4557, AAK4160, AAK4150, 11.201.696, 11.201.334, 11.201.324
 Servicing: Fiat, Lancia
 Length 158.00, Pulley w/o, Fan EF
 B: 16.00 C: 64.00 mm



111662 Alternator 14 V, 33 Amp
 Replacing: AAG1341, AAG1340, AAG1338, AAG1315, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.116
 Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini
 Terminal W, Length 156.00, Pulley w/o, Fan EF
 Alternative no.: 116131
 B: 56.00 mm



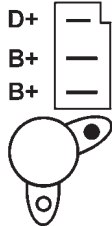
111686 Alternator 14 V, 65 Amp
 Replacing: AAK4543, AAK4176, AAK4155, AAK4154, AAK1228, 11.201.662, 11.201.514, 11.201.357, 11.201.329
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



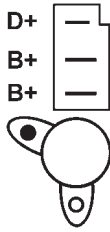
111687 Alternator 14 V, 55 Amp
 Replacing: AAK4174, 11.201.355
 Servicing: Fiat
 Grooves 1, Length 174.00, Pulley P, Fan EF
 A: 53.00 B: 23.50 mm



111732 Alternator 14 V, 120 Amp
 Replacing: AAN5115, 11.209.012
 Servicing: Opel, Vauxhall
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 51.00 B: 34.00 C: 56.00 mm



111738 Alternator 14 V, 65 Amp
 Replacing: AAK4522, AAK4521, 11.201.577, 11.201.576
 Servicing: Rover
 Terminal W, Length 168.00, Pulley w/o, Fan w/o
 B: 11.00 C: 82.00 mm



111740 Alternator 14 V, 70 Amp
 Replacing: AAK1344, AAK1343, 11.201.504, 11.201.503
 Servicing: Ford, Land Rover
 Terminal BS/W, Grooves 1, Length 167.00, Pulley P, Fan EF w/ battery sensor terminal.
 A: 36.00 B: 11.00 C: 82.70 mm



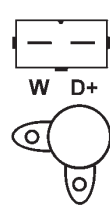
111746 Alternator 28 V, 80 Amp
 Replacing: AAN5171, 11.203.275
 Servicing: Volvo
 Terminal W, Length 189.00, Pulley w/o, Fan EF
 B: 14.50 C: 103.50 mm



111795 Alternator 14 V, 80 Amp
 Replacing: AAK5710, 11.209.431
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 12.50 B: 72.00 C: 53.00 mm



111797 Alternator 14 V, 95 Amp
 Replacing: AAK5573, AAK5512, 11.209.410, 11.209.017
 Servicing: Ford
 Terminal W, Grooves 4, Length 243.00, Pulley SP, Fan IF
 A: 34.00 B: 13.30 C: 81.00 mm



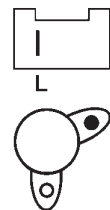
111820 Alternator 14 V, 90 Amp
 Replacing: AAK5351, 11.203.080
 Servicing: Audi, Skoda, VW
 Terminal W, Grooves 6, Length 185.40, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 59.00 mm



111833 Alternator 28 V, 140 Amp
 Replacing: AAT1339, AAT1338, AAT1321, AAT1308, AAT1306, AAT1302, 11.203.241, 11.203.240, 11.203.139
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/ bushing in rear bracket hole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111834 Alternator 28 V, 55 Amp
 Replacing: AAN3114, AAK1398, 11.209.434, 11.201.801
 Servicing: Scania
 Terminal W, Length 180.00, Pulley w/o, Fan EF
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111841 Alternator 14 V, 50 Amp
 Replacing: AAK3515, AAK1111, 11.201.624, 11.201.060
 Servicing: Citroen, Peugeot
 Grooves 1, Length 167.00, Pulley P, Fan EF
 A: 95.50 B: 56.00 mm



111842 Alternator 28 V, 140 Amp
 Replacing: AAT1340, AAT1337, AAT1318, AAT1313, 11.203.242, 11.203.239, 11.203.085, 11.203.001
 Servicing: Ikarus, Iveco, MAN, Mercedes-Benz, Neoplan
 Terminal W, Length 313.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



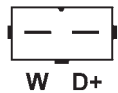
111843 Alternator 14 V, 95 Amp
 Replacing: AAK5304, AAK5165, AAK4831, AAK4307, AAK1815, 11.204.396, 11.203.660, 11.203.268, 11.201.997
 Servicing: Case, John Deere, Scania
 Terminal W, Length 174.00, Pulley w/o, Fan w/o
 B- M8.
 B: 51.00 mm



111850 Alternator 14 V, 143 Amp
 Replacing: AAN5166, 11.203.248
 Servicing: Mercedes-Benz
 Grooves 6, Length 191.00, Pulley SP, Fan IF
 A: 81.80 B: 56.00 mm



111883 Alternator 14 V, 115 Amp
 Replacing: AAN5132, 11.203.115
 Servicing: Mercedes-Benz
 Grooves 6, Length 205.00, Pulley SP/FW, Fan IF
 A: 92.00 B: 56.00 mm



111884 Alternator 14 V, 90 Amp
 Replacing: AAK5349, 11.203.078
 Servicing: Seat, VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.50 mm



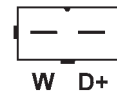
111886 Alternator 28 V, 65 Amp
 Replacing: AAN3110, 11.209.420
 Servicing: Scania
 Terminal W, Length 190.00, Pulley w/o, Fan w/o
 B: 23.25 C: 68.70 mm



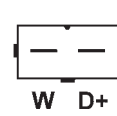
111888 Alternator 14 V, 65 Amp
 Replacing: AAK3330, AAK1363, 11.201.935, 11.201.595
 Servicing: Case, John Deere
 Terminal W, Grooves 8, Length 192.00, Pulley SP, Fan EF
 A: 81.00 B: 50.60 mm



111890 Alternator 14 V, 90 Amp
 Replacing: AAK5322, 11.203.030
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 A: 92.00 B: 56.00 mm



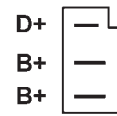
111898 Alternator 14 V, 120 Amp
 Replacing: AAN5564, 11.203.569
 Servicing: VW
 Terminal W, Grooves 6, Length 205.00, Pulley SP, Fan IF
 A: 40.00 B: 14.25 C: 61.00 mm



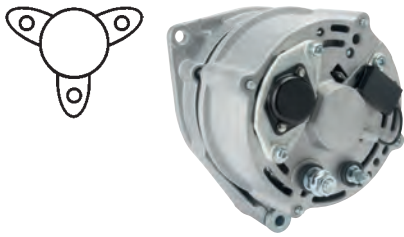
111899 Alternator 14 V, 90 Amp
 Replacing: AAK5350, 11.203.079
 Servicing: VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



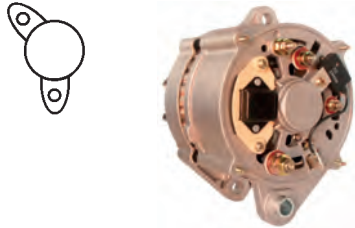
111902 Alternator 14 V, 115 Amp
 Replacing: AAN5133, 11.203.116
 Servicing: Mercedes-Benz, VW
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 82.00 B: 56.10 mm



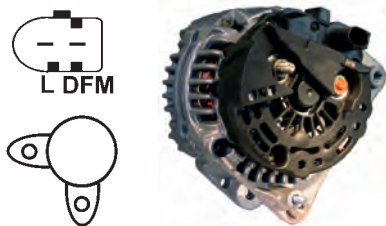
111948 Alternator 14 V, 70 Amp
 Replacing: AAK4554, 11.201.693
 Servicing: Massey Ferguson
 Terminal W, Length 159.00, Pulley w/o, Fan EF
 B: 29.00 mm



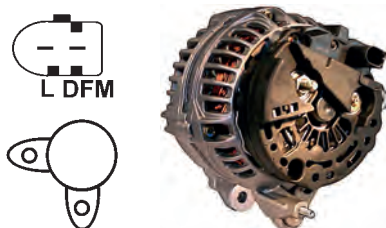
111978 Alternator 14 V, 120 Amp
 Replacing: AKK4322, 11.203.333
 Servicing: Claas, Fendt
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



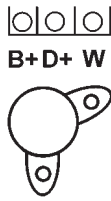
111987 Alternator 28 V, 55 Amp
 Replacing: AAN3118, 11.209.438
 Servicing: Iveco
 Terminal W, Length 178.00, Pulley w/o, Fan EF
 B: 17.00 C: 63.80 mm



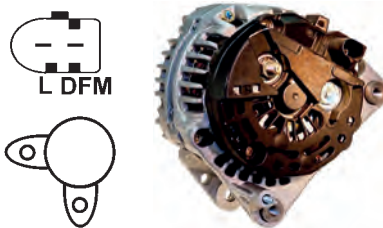
111989 Alternator 14 V, 90 Amp
 Replacing: AAK5544, 11.203.313
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.50, Pulley SP, Fan IF
 Alternative no.: 115482
 A: 39.60 B: 14.00 C: 61.00 mm



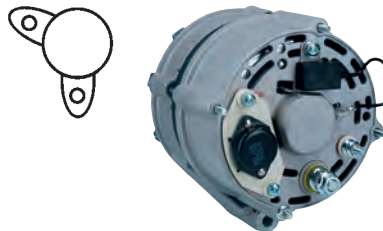
112002 Alternator 14 V, 120 Amp
 Replacing: AAN5178, 11.203.288
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 Alternative no.: 115483
 A: 39.00 B: 14.50 C: 61.00 mm



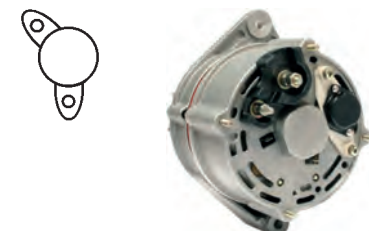
112021 Alternator 14 V, 100 Amp
 Replacing: AAK5396, 11.203.205
 Servicing: Land Rover
 Terminal W, Grooves 7, Length 194.00, Pulley SP, Fan IF
 A: 31.00 B: 13.50 C: 83.50 mm



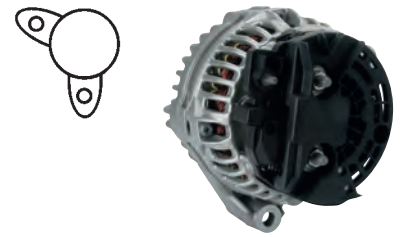
112043 Alternator 14 V, 90 Amp
 Replacing: AAK5518, 11.203.223
 Servicing: VW
 Terminal DF, Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



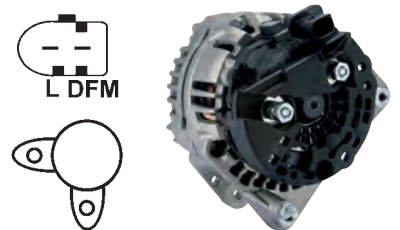
112046 Alternator 14 V, 95 Amp
 Replacing: AAK4320, AAK3822, AAK1811, AAK1312, 11.204.054, 11.203.656, 11.203.331, 11.201.991
 Servicing: Deutz-Fahr, Iveco
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



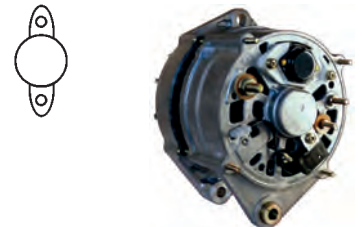
112056 Alternator 14 V, 70 Amp
 Replacing: AAK4529, AAK4525, AAK3134, AAK3132, AAK1177, 11.201.933, 11.201.931, 11.201.584, 11.201.580
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 1, Length 165.00, Pulley P, Fan EF
 A: 87.00 B: 56.00 mm



112062 Alternator 14 V, 115 Amp
 Manufacturer: Bosch
 Replacing: AAN5156, 11.203.204
 Servicing: John Deere
 Length 177.00, Pulley w/o, Fan IF
 SP/FW: HC-CARGO 235718 can be used.
 Alternative no.: 116453
 B: 56.00 mm



112075 Alternator 14 V, 70 Amp
 Replacing: AAK5541, 11.203.310
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 60.75 mm



112076 Alternator 28 V, 80 Amp
 Replacing: AAN3120, 11.209.445
 Servicing: Iveco, Renault V.I., Scania
 Terminal W, Length 183.00, Pulley w/o, Fan EF
 B: 27.00 C: 71.00 mm



112079 Alternator 14 V, 90 Amp
 Replacing: AAK5543, 11.203.312
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm

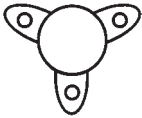


112097 Alternator 28 V, 30 Amp

Replacing: AAK3564, AAK1209, AAK1110, 11.201.468, 11.201.075, 11.201.055

Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda

Grooves 1, Length 174.00, Pulley P, Fan w/o
A: 45.00 B: 17.00 C: 63.00 mm

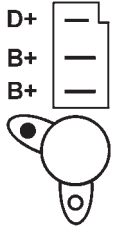


112098 Alternator 14 V, 65 Amp

Replacing: AAK4351, AAK4313, AAK3547, AAK1370, AAK1182, 11.203.415, 11.203.301, 11.201.499, 11.201.444

Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor
Terminal W, Grooves 1, Length 171.00, Pulley P, Fan EF

A: 80.50 B: 56.00 mm



112112 Alternator 14 V, 70 Amp

Replacing: AAK3301, 11.201.832, 11.201.332

Servicing: Perkins, Sabre, Yanmar

Terminal W, Grooves 1, Length 170.50, Pulley P, Fan EF

A: 45.00 B: 11.50 C: 82.50 mm



112149 Alternator 14 V, 65 Amp

Manufacturer: Bosch

Replacing: AAK4504, AAK4199, 11.201.545, 11.201.401, 11.201.379

Servicing: Audi, Seat, VW

Terminal W, Grooves 1, Pulley P, Fan EF

A: 109.80 B: 56.00 mm



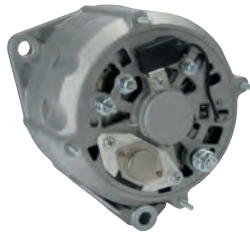
112151 Alternator 14 V, 95 Amp

Replacing: AAK5505, 11.209.006

Servicing: Ford

Terminal W, Grooves 5, Length 158.50, Pulley SP, Fan IF

A: 46.00 B: 57.00 mm



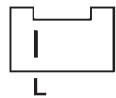
112159 Alternator 28 V, 80 Amp

Replacing: AAN3108, 11.209.417

Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.

Terminal W, Length 186.00, Pulley w/o, Fan EF

B: 80.40 mm



112162 Alternator 14 V, 70 Amp

Replacing: AAK4535, AAK3572, 11.201.590, 11.201.493

Servicing: Citroen, Peugeot

Grooves 4, Length 158.00, Pulley SP, Fan EF

A: 45.50 B: 27.00 C: 66.00 mm



112165 Alternator 14 V, 75 Amp

Replacing: AAK5503, 11.209.004

Servicing: Renault

Grooves 4, Length 179.00, Pulley SP, Fan IF

A: 46.70 B: 27.00 C: 66.50 mm



112170 Alternator 28 V, 45 Amp

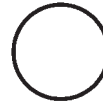
Replacing: AAK3336, AAK1387, 11.201.941, 11.201.759

Servicing: Case, John Deere, Komatsu

Terminal W, Length 172.30, Pulley w/o, Fan EF

Dust proof.

B: 51.00 mm



112183 Alternator 14 V, 60 Amp

Manufacturer: Mahle Letrika

Replacing: AAK2306, AAK2301, 11.203.106, 11.201.292

Servicing: KHD, Various Agriculture Vehicles

Terminal W, Length 174.50, Pulley w/o, Fan w/o



112191 Alternator 14 V, 80 Amp

Manufacturer: Mahle Letrika

Replacing: AAK5105, 11.201.498

Servicing: Lada

Grooves 1, Length 183.50, Pulley P, Fan EF

A: 81.40 B: 56.00 mm



112194 Alternator 14 V, 120 Amp

Replacing: AAN5127, 11.203.110

Servicing: Mercedes-Benz, Ssangyong, Various Agriculture Vehicles

Terminal W, Grooves 6, Length 184.00, Pulley SP, Fan IF

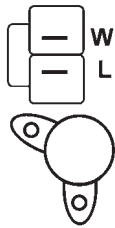
A: 82.20 B: 56.00 mm



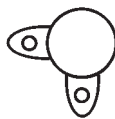
112197 Alternator 14 V, 115 Amp
 Replacing: AAN5572, 11.209.440
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP/
 FW, Fan IF
 A: 31.00 B: 69.80 C: 56.00 mm



112230 Alternator 14 V, 80 Amp
 Replacing: AAK5136, 11.201.769
 Servicing: Citroen, Fiat, Peugeot, Suzuki
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 A: 42.00 B: 27.20 C: 66.50 mm



112271 Alternator 14 V, 100 Amp
 Replacing: AAK5574, 11.209.424
 Servicing: Honda, Opel, Vauxhall
 Terminal W, Grooves 6, Length 223.00,
 Pulley SP, Fan IF
 A: 36.00 B: 12.90 C: 66.10 mm



112273 Alternator 14 V, 70 Amp
 Replacing: AAK5542, 11.203.111
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP,
 Fan IF
 A: 41.00 B: 14.00 C: 60.80 mm



112274 Alternator 14 V, 90 Amp
 Replacing: AAK5545, 11.203.314
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP,
 Fan IF
 A: 39.50 B: 14.10 C: 61.40 mm



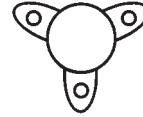
112298 Alternator 14 V, 80 Amp
 Replacing: AAK5360, 11.203.094
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 179.00, Pulley SP,
 Fan IF
 A: 42.00 B: 26.10 C: 66.70 mm



112299 Alternator 14 V, 95 Amp
 Replacing: AAK5131, AAK5108, 11.201.754,
 11.201.534
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 182.00, Pulley SP,
 Fan IF
 A: 43.00 B: 27.00 C: 67.00 mm



112302 Alternator 28 V, 120 Amp
 Replacing: AAT1385, 11.209.448
 Servicing: Iveco
 Terminal W, Length 313.00, Pulley w/o,
 Fan EF
 B- M8.
 B: 16.00 C: 86.00 mm



112310 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK1193, AAK1151, 11.201.230,
 11.201.146
 Servicing: BMW, Volvo BM
 Grooves 1, Length 168.00, Pulley P,
 Fan EF
 A: 74.00 B: 50.70 mm



112325 Alternator 14 V, 70 Amp
 Replacing: AAK5301, 11.201.992
 Servicing: Ford
 Terminal W, Grooves 5, Length 170.00,
 Pulley SP, Fan IF
 D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm



112343 Alternator 28 V, 140 Amp
 Replacing: AAT1330, AAT1310, 11.203.232,
 11.201.902
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Length 304.50, Pulley w/o,
 Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



112345 Alternator 28 V, 55 Amp
 Replacing: AAN3116, 11.209.436
 Servicing: Volvo
 Terminal W, Length 179.50, Pulley w/o,
 Fan w/o
 B: 51.50 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



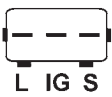
112389 Alternator 14 V, 85 Amp
 Replacing: AAK5115, 11.201.667
 Servicing: Deutz-Fahr
 Terminal W, Length 184.00, Pulley w/o, Fan IF
 B: 55.90 mm



112416 Alternator 14 V, 100 Amp
 Replacing: AAK5723, 11.209.441
 Servicing: Holden, Opel, Vauxhall
 Grooves 5, Length 180.00, Pulley SP, Fan IF
 A: 53.50 B: 33.50 C: 58.30 mm



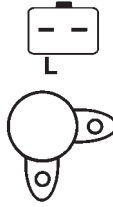
112424 Alternator 28 V, 140 Amp
 Replacing: AAT1335, 11.203.237
 Servicing: Scania
 Terminal W, Length 285.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.50 C: 182.00 mm



112427 Alternator 28 V, 90 Amp
 Replacing: AAN5795, 11.209.454
 Servicing: Iveco
 Grooves 12, Length 198.00, Pulley SP, Fan IF
 Alternative no.: 115871 5★
 A: 90.00 B: 57.60 mm



112453 Alternator 14 V, 85 Amp
 Replacing: AAN3121, 11.209.446
 Servicing: Alfa Romeo, Fiat, Iveco, Lancia
 Length 174.00, Pulley w/o, Fan EF
 B: 16.90 C: 63.00 mm



112457 Alternator 14 V, 110 Amp
 Replacing: AAK5773, 11.203.923
 Servicing: Nissan, Renault
 Grooves 5, Length 164.50, Pulley SP/FW, Fan IF
 A: 42.00 B: 15.75 C: 61.00 mm



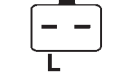
112458 Alternator 14 V, 120 Amp
 Replacing: AAK5778, 11.203.940
 Servicing: Renault
 Terminal W, Grooves 6, Length 174.00, Pulley SP/FW, Fan IF
 A: 46.50 B: 27.50 C: 66.50 mm



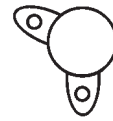
112460 Alternator 14 V, 150 Amp
 Replacing: AAN5772, AAN5533, 11.204.163, 11.203.871, 11.203.470
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.60 B: 22.00 C: 45.60 mm



112469 Alternator 14 V, 90 Amp
 Replacing: AAK5741, 11.203.710
 Servicing: Citroen, Fiat, Peugeot, Toyota
 Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 22.20 C: 45.60 mm



112471 Alternator 14 V, 125 Amp
 Replacing: AAK5782, 11.203.950
 Servicing: Mitsubishi, Nissan, Opel, Renault, Vauxhall, Volvo
 Grooves 6, Length 179.00, Pulley SP/FW, Fan IF
 A: 32.50 B: 13.50 C: 60.90 mm



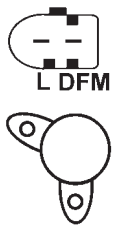
112480 Alternator 14 V, 90 Amp
 Replacing: AAK5553, 11.203.337
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm



112529 Alternator 14 V, 90 Amp
 Replacing: AAK5391, AAK5382, AAK5306, 11.203.186, 11.203.167, 11.203.005
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 Alternative no.: 116129 5★
 A: 92.00 B: 56.10 mm



112530 Alternator 14 V, 120 Amp
 Replacing: AAN5131, 11.203.114
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 Grooves 6, Length 201.00, Pulley SP, Fan IF
 A: 92.50 B: 56.10 mm



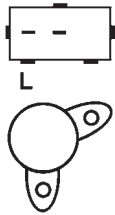
112535 Alternator 14 V, 120 Amp
 Replacing: AAN5179, 11.203.290
 Servicing: Mercedes-Benz
 Grooves 6, Length 192.90, Pulley SP, Fan IF
 A: 91.95 B: 56.00 mm



112556 Alternator 14 V, 95 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK5850, AAK5363, AAK5315, AAK5118, AAK5114, 11.204.582, 11.203.098, 11.203.016, 11.201.675
 Servicing: Same, Valtra
 Terminal W, Length 190.50, Pulley w/o, Fan IF
Dust proof.
 Alternative no.: 116454
 B: 56.00 mm



112561 Alternator 28 V, 80 Amp
 Replacing: AAN3119, AAN3111, 11.209.442, 11.209.421
 Servicing: Mercedes-Benz
 Terminal W, Length 188.00, Pulley w/o, Fan EF
 B: 80.00 mm



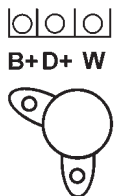
112654 Alternator 14 V, 90 Amp
 Manufacturer: Marelli
 Replacing: AAK5597, 11.209.429
 Servicing: Ford
 Length 213.00, Pulley w/o, Fan IF
 B: 17.25 C: 62.60 mm



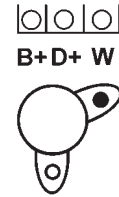
112679 Alternator 14 V, 110 Amp
 Replacing: AAN5139, AAK5521, 11.203.227, 11.203.129
 Servicing: Renault, Volvo
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 A: 46.50 B: 27.70 C: 66.30 mm



112688 Alternator 14 V, 95 Amp
 Replacing: AAK5186, 11.201.963
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 A: 92.50 B: 55.80 mm



112698 Alternator 14 V, 100 Amp
 Replacing: AAK5580, 11.203.433
 Servicing: Ford
 Terminal W, Grooves 6, Length 178.00, Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



112718 Alternator 14 V, 100 Amp
 Replacing: AAK5326, 11.203.042
 Servicing: Ford, New Holland
 Terminal W, Grooves 6, Length 189.00, Pulley SP, Fan IF
 A: 32.00 B: 14.00 C: 83.80 mm



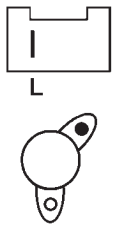
112720 Alternator 14 V, 100 Amp
 Replacing: AAK5722, 11.209.439
 Servicing: Opel, Vauxhall
 Grooves 1, Length 173.00, Pulley P, Fan IF
 A: 53.50 B: 33.40 C: 57.00 mm



112736 Alternator 14 V, 65 Amp
 Replacing: AAK1378, 11.201.570
 Servicing: Deutz-Fahr, Fahr, Iveco
 Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF
 A: 76.50 B: 56.10 mm



112747 Alternator 28 V, 55 Amp
 Replacing: AAK5734, AAK3318, 11.203.655, 11.201.903
 Servicing: Deutz-Fahr, Ford, Iveco, KHD
 Terminal W, Length 177.00, Pulley w/o, Fan EF
 B: 56.00 mm



112754 Alternator 14 V, 70 Amp
 Replacing: AAK4542, 11.201.679
 Servicing: Citroen, Peugeot
 Grooves 1, Length 172.50, Pulley P, Fan EF
 A: 95.00 B: 56.00 mm



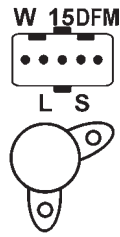
112757 Alternator 28 V, 55 Amp
 Replacing: AAN3115, 11.209.435
 Servicing: Scania, Volvo
 Terminal W, Length 185.00, Pulley w/o, Fan EF
Bosch 0 120 469 963 = Insulated, HC-CARGO 112757 is not insulated.
 B: 27.50 C: 68.00 mm



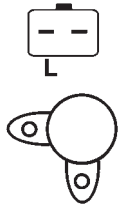
112768 Alternator 14 V, 55 Amp
 Replacing: AAK4518, AAK4138, AAK1117, 11.201.600, 11.201.571, 11.201.304, 11.201.071
 Servicing: Alfa Romeo, Fiat, Goldoni
 Terminal W, Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 47.00 B: 15.00 C: 70.00 mm



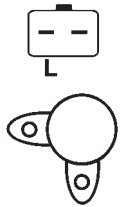
112803 Alternator 28 V, 80 Amp
 Replacing: AAN3107, 11.209.416
 Servicing: Volvo
 Terminal W, Length 181.50, Pulley w/o, Fan EF
 B: 51.00 mm



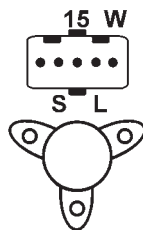
113188 Alternator 28 V, 70 Amp
 Replacing: AAN5391, 72445481, 11.209.602
 Servicing: Ginaf, Iveco
 Terminal W, Grooves 8, Length 194.00, Pulley SP, Fan IF
 Alternative no.: 115484
 A: 36.50 B: 14.10 C: 80.90 mm



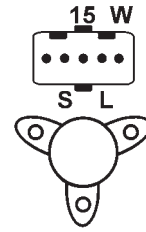
113245 Alternator 14 V, 125 Amp
 Replacing: AAK5788, 11.204.022
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 6, Length 172.00, Pulley SP, Fan IF
 A: 33.00 B: 13.90 C: 60.70 mm



113248 Alternator 14 V, 120 Amp
 Replacing: AAK5779, 11.203.943
 Servicing: Nissan, Opel, Renault, Vauxhall, Volvo
 Grooves 5, Length 190.00, Pulley SP/ FW, Fan IF
 A: 36.00 B: 14.00 C: 60.75 mm



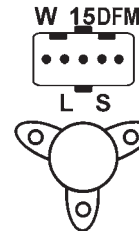
113289 Alternator 28 V, 90 Amp
 Replacing: AAN5415, 72446570, 11.209.625
 Servicing: MAN, Neoplan
 Terminal W, Length 189.00, Pulley w/o, Fan IF
 B: 80.20 mm



113295 Alternator 28 V, 55 Amp
 Replacing: AAK5907, 72445894, 11.209.609
 Servicing: MAN
 Terminal W, Length 180.00, Pulley w/o, Fan IF
 B: 80.25 mm



113340 Alternator 14 V, 70 Amp
 Replacing: AAK5547
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.50, Pulley SP/ FW, Fan IF
 A: 39.00 B: 14.00 C: 62.00 mm



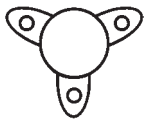
113351 Alternator 28 V, 100 Amp
 Replacing: AAN5395, 72445886, 11.209.606
 Servicing: Mercedes-Benz
 Terminal W, Length 196.00, Pulley w/o, Fan IF
 Alternative no.: 115557
 B: 80.00 mm



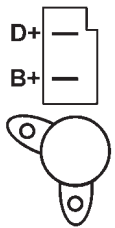
113376 Alternator 14 V, 55 Amp
 Replacing: AAK4143, AAK3130, AAK1181, AAK1131, 11.201.928, 11.201.309, 11.201.214
 Servicing: Bedford, Opel, Vauxhall
 Terminal W, Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 76.60 B: 56.20 mm



113442 Alternator 14 V, 90 Amp
 Replacing: AAK5308, 11.203.007
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 186.50, Pulley SP/FW, Fan IF
 A: 84.80 B: 56.00 mm



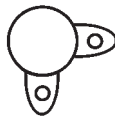
113448 Alternator 28 V, 100 Amp
 Replacing: AAN3211, AAN3112, AAN0112, 72445470, 11.209.600, 11.209.422
 Servicing: Mercedes-Benz
 Terminal W, Length 211.00, Pulley w/o, Fan EF
 B: 80.00 mm



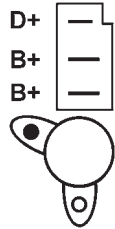
113469 Alternator 14 V, 33 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAG1307, 11.201.062
 Servicing: Marshall, Steyr
 Grooves 1, Length 156.00, Pulley P, Fan EF
Dust proof.
 A: 75.50 B: 55.90 mm



113470 Alternator 28 V, 35 Amp
 Replacing: AAK4531, AAK4348, AAK3820, AAK1337, 11.204.052, 11.203.404, 11.201.586, 11.201.479
 Servicing: Iveco, KHD, Liebherr
 Terminal W, Length 174.00, Pulley w/o, Fan w/o
 B: 55.80 mm



113471 Alternator 14 V, 65 Amp
 Replacing: AAK4556, 11.201.695
 Servicing: Fiat, Lancia
 Grooves 4, Length 162.00, Pulley SP, Fan EF
 A: 54.50 B: 32.00 mm



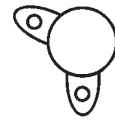
113474 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK3320, AAK1324, 11.201.913, 11.201.396
 Servicing: Austin, Landini, Massey Ferguson, Rover
 Terminal W, Grooves 1, Length 171.50, Pulley P, Fan EF
 A: 35.90 B: 11.00 C: 82.55 mm



113477 Alternator 28 V, 55 Amp
 Replacing: AAK3334, AAK1383, 11.201.939, 11.201.746
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 184.00, Pulley w/o, Fan EF
 B: 50.80 mm



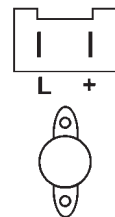
113485 Alternator 14 V, 80 Amp
 Replacing: AAK5329, 11.203.054
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



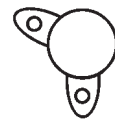
113486 Alternator 14 V, 90 Amp
 Replacing: AAK5309, 11.203.008
 Servicing: Mercedes-Benz
 Grooves 6, Length 168.50, Pulley SP, Fan IF
 A: 91.85 B: 56.00 mm



113489 Alternator 14 V, 150 Amp
 Replacing: 11.203.164
 Servicing: Mercedes-Benz
 Grooves 6, Length 192.50, Pulley SP, Fan IF
 A: 82.30 B: 56.00 mm



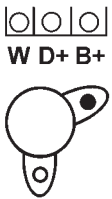
113500 Alternator 14 V, 70 Amp
 Replacing: AAK3595, 11.201.536
 Servicing: Renault
 Terminal W, Grooves 6, Length 165.00, Pulley SP, Fan EF
 A: 46.50 B: 27.00 C: 65.60 mm



113503 Alternator 14 V, 120 Amp
 Replacing: AAK5585, 11.203.458
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.00 B: 22.20 C: 45.00 mm



113510 Alternator 14 V, 140 Amp
 Replacing: AAN5792, 11.203.921
 Servicing: Audi, Skoda, VW
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 30.00 B: 14.10 C: 82.00 mm



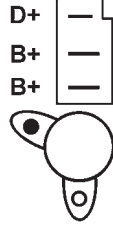
113529 Alternator 14 V, 120 Amp
 Replacing: AAK5592, AAK5355, AAK5354, 11.203.494, 11.203.088, 11.203.087
 Servicing: Ford, New Holland
 Terminal W, Grooves 8, Length 204.40, Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



113531 Alternator 14 V, 120 Amp
 Replacing: AAK4321, 11.204.405, 11.203.332
 Servicing: John Deere
 Terminal W, Length 172.00, Pulley w/o, Fan w/o
 B: 56.20 mm



113533 Alternator 14 V, 65 Amp
 Replacing: AAK4569, 11.201.711
 Servicing: Fiat, Lancia, Lombardini
 Terminal W, Grooves 1, Length 160.00, Pulley P, Fan EF
 A: 52.00 B: 31.80 mm



113574 Alternator 14 V, 65 Amp
 Replacing: AAK4118, 11.201.276
 Servicing: Case, New Holland, Valtra
 Terminal W, Grooves 1, Length 177.50, Pulley P, Fan EF
 A: 36.85 B: 10.40 C: 83.00 mm



113575 Alternator 14 V, 80 Amp
 Replacing: AAK5740, 11.203.709
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 45.00 mm



113603 Alternator 14 V, 80 Amp
 Replacing: AAK5739, 11.203.708
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 172.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm



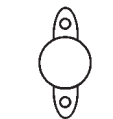
113610 Alternator 14 V, 120 Amp
 Replacing: AAK5851, AAK5364, AAK5181, 11.204.583, 11.203.099, 11.201.925
 Servicing: Valtra
 Terminal W, Length 191.00, Pulley w/o, Fan IF
 B: 56.00 mm



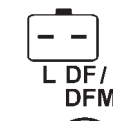
113621 Alternator 14 V, 115 Amp
 Replacing: AAK5759, AAK5746, 11.203.822, 11.203.730
 Servicing: Ford, New Holland
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 34.00 B: 14.10 C: 83.35 mm



113631 Alternator 14 V, 90 Amp
 Manufacturer: Prestolite
 Replacing: AAK4352, 11.203.416
 Servicing: BMW, BUKH, Volvo Penta
 Terminal W, Grooves 1, Length 178.00, Pulley P, Fan EF
 A: 79.25 B: 51.00 mm



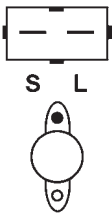
113632 Alternator 14 V, 85 Amp
 Replacing: AAK5197, AAK4829, AAK3329, 11.204.391, 11.201.989, 11.201.934
 Servicing: John Deere, Lada
 Terminal W, Length 170.00, Pulley w/o, Fan w/o
 B: 56.10 mm



113640 Alternator 14 V, 150 Amp
 Replacing: AAN5549, 11.204.006, 11.203.512
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 177.50, Pulley SP/FW, Fan IF
 As HC-CARGO 116067, but w/ pulley.
 Alternative no.: 116067
 A: 42.50 B: 21.20 C: 45.80 mm



113707 Alternator 14 V, 200 Amp
 Manufacturer: Bosch
 Replacing: AAN5840, 11.204.424
 Servicing: John Deere, Various Industrial applications
 Length 174.50, Pulley w/o, Fan IF
 B: 56.00 mm



113716 Alternator 14 V, 120 Amp
 Replacing: AAK3834, 11.204.069
 Servicing: Thermo King, Yanmar
 Terminal W, Length 167.50, Pulley w/o, Fan EF
 B: 51.00 mm



113738 Alternator 28 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK5565, AAK5376, 11.204.040, 11.203.396, 11.203.155
 Servicing: Various Industrial applications
 Terminal W, Length 193.75, Pulley w/o, Fan IF
Dust proof.
 Alternative no.: 116155
 B: 56.00 mm



113755 Alternator 14 V, 150 Amp
 Replacing: AAN8119
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 A: 43.00 B: 21.00 C: 45.10 mm



113768 Alternator 14 V, 95 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK5794, AAK5567, AAK5566, AAK5336, AAK5335, AAK5141, 11.204.037, 11.203.398, 11.203.397
 Servicing: Mercedes-Benz, Ssangyong
 Terminal W, Length 193.00, Pulley w/o
Dust proof.
 B: 56.00 mm



113771 Alternator 14 V, 190 Amp
 Replacing: AAN7111, AAN7101, 11.203.631, 11.203.468
 Servicing: Mercedes-Benz
 Grooves 6, Length 196.00, Pulley SP/ FW, Fan IF
Water cooled.
 A: 33.00 B: 93.45 C: 56.75 mm



113772 Alternator 14 V, 190 Amp
 Replacing: AAN7112, 11.203.632
 Servicing: Mercedes-Benz
 Grooves 6, Length 195.00, Pulley SP/ FW, Fan IF
Water cooled.
 A: 31.00 B: 93.50 C: 56.00 mm



113837 Alternator 14 V, 150 Amp
 Replacing: AAN5742, 11.203.819
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 7, Length 186.00, Pulley SP
 A: 33.00 B: 14.30 C: 60.00 mm



113888 Alternator 14 V, 90 Amp
 Replacing: AAK5837, 11.204.431
 Servicing: VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 59.00 mm



113919 Alternator 14 V, 125 Amp
 Replacing: AAK5791, 11.204.026
 Servicing: Nissan, Renault
 Grooves 7, Length 175.00, Pulley SP, Fan IF
 A: 32.50 B: 14.20 C: 60.70 mm



113920 Alternator 28 V, 35 Amp
 Replacing: AAK1368, 11.201.709
 Servicing: MAN, Mercedes-Benz, Nissan, Padane
 Terminal W, Length 176.00, Pulley w/o, Fan w/o
 B: 80.40 mm



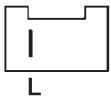
113949 Alternator 14 V, 150 Amp
 Replacing: AAN8185, AAN8166, AAN5122, AAN5120, 11.204.276, 11.204.254, 11.203.065, 11.203.051
 Servicing: Claas, John Deere, Renault
 Terminal W, Length 185.00, Pulley w/o, Fan IF
 B: 56.00 mm



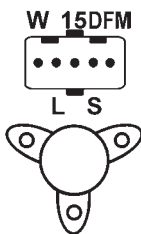
113967 Alternator 14 V, 120 Amp
 Replacing: 11.203.443, 11.203.175
 Servicing: Caterpillar, Perkins
 Terminal W, Length 182.00, Pulley w/o
 B: 13.00 C: 83.00 mm



113986 Alternator 14 V, 120 Amp
 Replacing: AAK5388, 11.203.181
 Servicing: Claas
 Grooves 8, Pulley SP, Fan IF
 A: 76.80 B: 50.00 mm



113991 Alternator 14 V, 80 Amp
 Replacing: AAK2307, 11.203.107
 Servicing: KHD
 Terminal W, Pulley w/o
 mm



113998 Alternator 28 V, 110 Amp
 Replacing: AAN5399, AAN5396, 72446572,
 72445887, 11.209.611, 11.209.607
 Servicing: MAN
 Terminal W, Length 198.00, Pulley w/o,
 Fan IF
 Alternative no.: 115492
 B: 79.50 mm



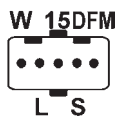
113999 Alternator 14 V, 150 Amp
 Replacing: AAN8151, AAN5771, AAN5701,
 AAN5502, AAN5318, AAN5155, AAN5138,
 11.204.239, 11.204.159, 11.203.870
 Servicing: Case, Cummins, John Deere, New
 Holland
 Terminal W, Length 230.00, Pulley w/o,
 Fan IF
 B: 13.87 C: 103.27 mm



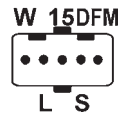
114000 Alternator 14 V, 120 Amp
 Replacing: AAK5533, 11.203.281
 Servicing: Claas
 Terminal W, Grooves 8, Length 187.00,
 Pulley SP, Fan IF
 A: 83.00 B: 56.00 mm



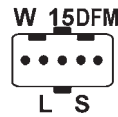
114004 Alternator 14 V, 150 Amp
 Replacing: IA1057, AAN5136, AAN5125,
 11.203.119, 11.203.103
 Servicing: Fendt, Mercedes-Benz, Various
 Agriculture Vehicles
 Terminal W, Grooves 7, Length 195.00,
 Pulley SP, Fan IF
 Iskra type.
 A: 81.67 B: 56.00 mm



114008 Alternator 28 V, 80 Amp
 Replacing: AAN5398, 11.209.610
 Servicing: MAN
 Length 191.00, Pulley w/o, Fan IF
 B: 80.00 mm



114028 Alternator 28 V, 80 Amp
 Replacing: AAN5401, 72446574, 11.209.612
 Servicing: Scania
 Terminal W, Grooves 8, Pulley SP,
 Fan IF
 Alternative no.: 115493
 A: 21.00 B: 85.00 C: 35.50 mm



114036 Alternator 28 V, 80 Amp
 Replacing: AAN5390, 72445479, 11.209.601
 Servicing: DAF
 Grooves 8, Length 194.00, Pulley SP,
 Fan IF
 Alternative no.: 116116
 A: 37.00 B: 14.00 C: 80.00 mm



114049 Alternator 14 V, 120 Amp
 Replacing: AAK5562, AAK5323, AAK5194,
 AAK5193, AAK5189, 11.203.388, 11.203.365,
 11.203.033, 11.201.976
 Servicing: Massey Ferguson
 Terminal W, Length 186.00, Pulley w/o,
 Fan IF
 B: 14.00 C: 83.00 mm



114077 Alternator 28 V, 40 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK2303, 11.201.485
 Servicing: KHD
 Terminal W, Length 163.00, Pulley w/o
 Dust proof.

W 15DFM


114078 Alternator 28 V, 120 Amp
 Replacing: AAN5413, 72445850, 11.209.624
 Servicing: Volvo
 Grooves 8, Length 215.00, Pulley SP,
 Fan IF
 Alternative no.: 115494
 A: 45.00 B: 14.00 C: 105.50 mm



114081 Alternator 14 V, 95 Amp
 Replacing: AAK5175, 11.201.908
 Servicing: JCB
 Terminal W, Grooves 8, Length 200.00,
 Pulley SP, Fan IF
 A: 32.50 B: 14.00 C: 78.00 mm

W 15DFM


114089 Alternator 28 V, 80 Amp
 Replacing: AAN5404, 72446578, 11.209.615
 Servicing: Bova, DAF, Solaris
 Terminal W, Length 178.80, Pulley w/o,
 Fan IF
 Alternative no.: 115495
 B: 97.00 C: 41.50 mm



114110 Alternator 28 V, 80 Amp
 Replacing: AAN8189, AAN5121, AAN5116,
 11.204.280, 11.203.064, 11.203.043
 Servicing: Deutz-Fahr, KHD
 Terminal W, Pulley w/o, Fan IF
 B: 56.00 mm



114192 Alternator 14 V, 200 Amp
 Replacing: AAN5511, AAN5346, 11.204.187,
 11.203.389
 Servicing: Deutz-Fahr, Fendt
 Terminal W, Length 178.00, Pulley w/o,
 Fan IF
 B: 56.00 mm

W 15DFM


114212 Alternator 28 V, 110 Amp
 Replacing: AAN5411, AAN5409, AAN5408,
 AAN5393, 72446709, 72446708, 72445846,
 72445494, 11.209.622, 11.209.620
 Servicing: Renault V.I., Volvo
 Length 201.80, Pulley w/o, Fan IF
 Alternative no.: 115488
 B: 13.50 C: 106.00 mm



114228 Alternator 14 V, 150 Amp
 Replacing: AAN8145, AAN5776, AAN5745,
 AAN5708, AAN5333, 11.204.233, 11.204.174,
 11.203.882, 11.203.825
 Servicing: Case IH, New Holland
 Grooves 10, Length 215.00, Pulley SP,
 Fan IF
 A: 83.50 B: 56.00 mm



114289 Alternator 14 V, 45 Amp
 Replacing: AAK4342, AAK3368, AAK3345,
 11.203.390, 11.203.060, 11.201.951
 Servicing: KHD
 Length 167.00, Pulley w/o, Fan EF
 B: 56.00 mm

W 15DFM


114296 Alternator 28 V, 90 Amp
 Replacing: AAN5392, 72445477, 11.209.603
 Servicing: Ginaf, Iveco
 Grooves 8, Pulley SP, Fan IF
 Alternative no.: 115489
 A: 37.00 B: 14.00 C: 81.00 mm

W 15DFM


114314 Alternator 28 V, 110 Amp
 Replacing: AAN5405, 72446642, 11.209.616
 Servicing: Bova, DAF, Solaris
 Length 194.00, Pulley w/o, Fan IF
 Alternative no.: 116514
 B: 97.00 C: 40.00 mm



114379 Alternator 14 V, 150 Amp
 Replacing: AAN5869, 11.204.502
 Servicing: John Deere
 Length 180.00, Pulley w/o, Fan IF
 B: 56.30 mm



114450 Alternator 14 V, 120 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK4314, AAK1832, 11.204.484,
 11.204.327, 11.203.714, 11.203.302
 Servicing: Case, New Holland
 Terminal W, Grooves 8, Pulley SP,
 Fan EF
 A: 55.00 B: 11.00 C: 52.00 mm



114464 Alternator 28 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK5568, AAK5334, 11.203.399, 11.203.061
 Servicing: KHD
 Terminal W, Length 194.30, Pulley w/o, Fan IF
 Alternative no.: 116455
 B: 55.00 mm



114465 Alternator 14 V, 70 Amp
 Replacing: AAK3339, AAK3305, 11.201.945, 11.201.856
 Servicing: Volvo BM
 Grooves 1, Pulley P, Fan EF
 Dust proof.
 A: 76.00 B: 51.00 mm



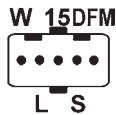
114469 Alternator 14 V, 175 Amp
 Replacing: AAN5702, 11.203.720, 11.203.191
 Servicing: Case
 Pulley w/o, Fan IF
 Dust proof.
 B: 13.00 C: 101.00 mm



114513 Alternator 14 V, 95 Amp
 Replacing: AAK5125, 11.201.738
 Servicing: Claas, Mercedes-Benz, Renault Agriculture
 Terminal W, Grooves 8, Length 183.00, Pulley SP, Fan IF
 A: 83.00 B: 56.00 mm



114514 Alternator 14 V, 95 Amp
 Replacing: AAK5157, 11.201.830
 Servicing: Renault Agriculture
 Terminal W, Grooves 8, Length 182.00, Pulley SP, Fan IF
 A: 77.10 B: 50.00 mm



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114528* Alternator 28 V, 120 Amp
 Replacing: AAN5397, 72445895, 11.209.608
 Servicing: MAN, Neoplan, Tamsa
 Pulley w/o, Fan IF
 Alternative no.: 115496
 B: 80.00 mm



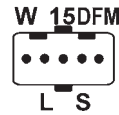
114671 Alternator 14 V, 120 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAK5599, AAK5577, AAK5560, 11.203.523, 11.203.423, 11.203.383
 Servicing: Massey Ferguson
 Terminal W, Pulley w/o, Fan IF
 B: 56.00 mm



114698 Alternator 14 V, 175 Amp
 Replacing: AAN5713, AAN5711, AAN5331, 11.204.172, 11.203.741, 11.203.739
 Servicing: Case, Massey Ferguson
 Terminal W, Pulley w/o, Fan IF
 B: 14.00 C: 100.00 mm



114735 Alternator 14 V, 150 Amp
 Replacing: AAN5308
 Servicing: Claas, Fendt, John Deere
 Terminal W, Pulley w/o, Fan IF
 B: 56.00 mm



114753 Alternator 28 V, 100 Amp
 Replacing: AAN5403, AAN5401, 72446577, 72446575, 11.209.614, 11.209.612
 Servicing: Scania
 Terminal W, Grooves 8, Length 195.00, Pulley SP, Fan IF
 Alternative no.: 115498
 A: 20.00 B: 85.00 C: 35.50 mm



114767 Alternator 28 V, 100 Amp
 Replacing: AAN8170, AAN8167, AAN8156, AAN5806, AAN5597, AAN5595, AAN5546, AAN5124, 11.204.337, 11.204.258
 Servicing: Perkins, Various, Various Agriculture Vehicles, Various Industrial applications
 Terminal W, Length 192.00, Pulley w/o, Fan IF
 B: 56.00 mm



114772 Alternator 14 V, 95 Amp
 Manufacturer: Mahle Letrika
 Replacing: IA1484, AAK5807, AAK5758, AAK5583, 11.204.467, 11.204.215, 11.204.115, 11.203.812, 11.203.440
 Servicing: JCB
 Grooves 8, Length 197.00, Pulley SP, Fan IF
 With Multifunctional regulator
 Alternative no.: 116456
 A: 30.50 B: 14.10 C: 80.75 mm

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114784* Alternator 14 V, 75 Amp
Replacing: AAG5119, 11.203.767
Grooves 1, Pulley P, Fan EF



114785 Alternator 14 V, 175 Amp
Manufacturer: Mahle Letrika
Replacing: AAN5848, 11.204.443
Servicing: Massey Ferguson
Terminal W, Length 192.00, Pulley w/o, Fan IF
B: 56.00 mm



114787 Alternator 14 V, 100 Amp
Replacing: AAK1890, 11.203.911
Servicing: Claas
Grooves 4, Length 170.00, Pulley SP, Fan EF
A: 83.00 B: 56.00 mm



114808 Alternator 14 V, 120 Amp
Replacing: AAK5761, AAK5711, 11.203.828, 11.203.565
Servicing: Massey Ferguson, Valtra
Terminal W, Pulley w/o, Fan IF
B: 56.00 mm



114840 Alternator 14 V, 85 Amp
Manufacturer: Mahle Letrika
Replacing: AAK5145, 11.201.800
Servicing: Landini
Terminal W, Grooves 2, Length 190.00, Pulley DP, Fan IF
A: 96.50 B: 56.00 mm



114868 Alternator 14 V, 75 Amp
Replacing: AAK4363, AAK4334, AAK4330, AAK1888, 11.203.905, 11.203.462, 11.203.368, 11.203.350
Servicing: Various Industrial applications
Terminal W, Grooves 8, Pulley SP, Fan EF
A: 78.20 B: 51.00 mm



114896 Alternator 14 V, 120 Amp
Replacing: AAK5760, AAK5745, AAK5591, 11.203.823, 11.203.729, 11.203.493
Servicing: Case, New Holland
Terminal W, Grooves 8, Length 203.00, Pulley SP, Fan IF
A: 32.00 B: 14.00 C: 83.60 mm



115309 Alternator 28 V, 35 Amp
Replacing: IA1027, AAK4343, 11.203.391
Servicing: Deutz-Fahr, KHD
Terminal W, Length 178.00, Pulley w/o, Fan EF
B: 56.00 mm

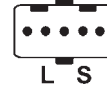


115343 Alternator 14 V, 175 Amp
Replacing: AAN8164, AAN5193, 11.204.252, 11.203.340
Servicing: Claas
Terminal W, Length 235.00, Pulley w/o, Fan IF
B: 14.00 C: 103.00 mm



115436 Alternator 14 V, 50 Amp
Manufacturer: Mahle Letrika
Replacing: AAG5135, AAG5104, AAG5103, 11.204.098, 11.203.476, 11.203.452
Servicing: JCB, KHD
Length 168.00, Pulley w/o, Fan IF
B: 18.00 C: 67.00 mm

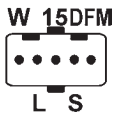
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115577 Alternator 28 V, 80 Amp
Replacing: AAN5409
Servicing: Renault V.I., Volvo
Grooves 8, Length 212.00, Pulley SP, Fan IF
A: 45.00 B: 13.50 C: 103.50 mm



115608 Alternator 14 V, 120 Amp
Replacing: AAK5581, 11.203.434
Servicing: Iveco, New Holland
Terminal W, Grooves 8, Pulley SP, Fan IF
A: 74.50 B: 50.80 mm



115617 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: AAN5406, 72446643, 11.209.617
 Servicing: Bova, DAF, Solaris
 Pulley w/o, Fan IF
 Alternative no.: 115618
 B: 80.00 mm



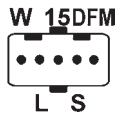
115682 Alternator 14 V, 200 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAN5334, 11.204.175, 11.203.826
 Servicing: Case
 Grooves 10, Length 205.00, Pulley SP, Fan IF
 A: 84.00 B: 56.00 mm



115689 Alternator 14 V, 80 Amp
 Replacing: AAK3563, AAK3166, 11.203.298, 11.201.463
 Servicing: Deutz-Fahr, Huerlimann, Same
 Terminal W, Length 174.00, Pulley w/o, Fan EF
 B: 17.00 C: 66.00 mm



115777 Alternator 14 V, 80 Amp
 Replacing: AAK4931, 11.203.564
 Servicing: Massey Ferguson
 Terminal W, Length 173.00, Pulley w/o, Fan EF
 B: 56.00 mm



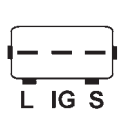
115824 Alternator 28 V, 120 Amp
 Replacing: AAN5410, 72446647, 11.209.621
 Servicing: Volvo
 Grooves 8, Length 220.00, Pulley SP, Fan IF
 A: 45.00 B: 13.60 C: 107.00 mm



115848 Alternator 14 V, 95 Amp
 Replacing: AAK5166, 11.201.881
 Servicing: Fermecc, Terex
 Grooves 2, Length 193.00, Pulley DP, Fan IF
 A: 36.50 B: 14.00 C: 83.00 mm



115849 Alternator 28 V, 55 Amp
 Replacing: AAK5832, 11.204.412
 Servicing: Deutz-Fahr, John Deere, KHD
 Grooves 1, Length 187.00, Pulley P, Fan IF
 A: 33.50 B: 13.80 C: 82.00 mm



115871 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: AAN5795, 11.209.454
 Servicing: Iveco
 Grooves 12, Length 204.00, Pulley SP, Fan IF
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



115873 Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: AAK4530, 11.201.585
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 172.00, Pulley P, Fan EF
 Alternative no.: 111418
 A: 49.00 B: 17.00 C: 65.00 mm



115899 Alternator 28 V, 55 Amp
 Replacing: AAK5808, AAK5584, 11.204.116, 11.203.441
 Servicing: JCB
 Terminal W, Grooves 8, Length 201.00, Pulley SP, Fan IF
 Dust proof.
 A: 32.00 B: 14.20 C: 78.00 mm



115970 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAG5133, AAG5132, AAG5116, 11.204.073, 11.204.067, 11.203.726
 Servicing: JCB
 Terminal W, Grooves 1, Length 160.00, Pulley P, Fan IF
 A: 43.50 B: 18.00 C: 67.00 mm



115971 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAG5138, AAG5131, 11.204.454, 11.203.970
 Servicing: Deutz-Fahr, KHD
 Grooves 1, Length 159.00, Pulley P, Fan IF
 A: 43.50 B: 19.00 C: 67.00 mm



116063 Alternator 28 V, 140 Amp
 Replacing: 11.203.241, 11.203.240, 11.203.139, 11.201.895, 11.201.757, 11.201.519
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/o bushing in rear brackethole.
 Alternative no.: 111833
 B: 15.70 C: 182.00 mm



116111 Alternator 14 V, 80 Amp
 Manufacturer: Lucas
 Replacing: AAK4345, AAK3354, AAK1882, 11.203.888, 11.203.393, 11.201.983
 Servicing: Agco, Massey Ferguson
 Length 168.00, Pulley w/o, Fan EF
 B: 11.00 C: 83.00 mm



116114 Alternator 14 V, 80 Amp
 Replacing: AAK4344, AAK3356, AAK3355, 11.203.392, 11.201.985, 11.201.984
 Servicing: Massey Ferguson
 Grooves 2, Length 186.00, Pulley DP, Fan EF
 A: 38.45 B: 11.10 C: 81.70 mm



116117 Alternator 28 V, 100 Amp
 Manufacturer: Bosch
 Replacing: AAN5407, 72446644, 11.209.618
 Servicing: DAF
 Terminal W, Grooves 8, Length 197.00, Pulley SP, Fan IF
 Alternative no.: 116118
 A: 37.00 B: 14.00 C: 80.50 mm

NEW PRODUCT
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116126 Alternator 14 V, 65 Amp
 Replacing: AAK3312, 11.201.876
 Servicing: Case, Mc Cormick
 Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 36.00 B: 11.00 C: 83.00 mm



116129 Alternator 14 V, 90 Amp
 Manufacturer: Iskra/Mahle
 Replacing: AAK5391, AAK5382, AAK5306, 11.203.186, 11.203.167, 11.203.005
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Length 185.00, Pulley SP, Fan IF
 Alternative no.: 112529
 B: 56.00 mm



116131 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: AAG1341, AAG1340, AAG1338, AAG1314, 11.201.507, 11.201.502, 11.201.500, 11.201.115
 Servicing: Agrifull, Arona, Case, Ferrari, Goldoni, Lombardini
 Grooves 1, Length 164.00, Pulley P, Fan EF
 Alternative no.: 111662
 A: 79.80 B: 56.00 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: AAG1130, AAG1104, AAG0402, 11.201.783, 11.201.037
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



116155 Alternator 28 V, 55 Amp
 Replacing: AAK5565, AAK5376, 11.204.040, 11.203.396, 11.203.155
 Servicing: Various Industrial applications
 Terminal W, Length 193.75, Pulley w/o, Fan IF
 Dust proof.
 Alternative no.: 113738
 B: 56.00 mm



NEW PRODUCT
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116325* Alternator 14 V, 125 Amp
 Replacing: 11.130.320
 Servicing: Dacia, Nissan, Renault
 Grooves 8, Pulley SP/FW, Fan IF
 Alternative no.: 113862
 A: 38.50 B: 13.50 C: 60.00 mm



110348 Alternator 14 V, 55 Amp

Replacing: T2223701010, T222-3701010, 37.3701, 224-373701, 224-370701, 2108370101010, 21083701010

Servicing: Lada

Grooves 1, Length 162.00, Pulley P, Fan EF

A: 45.00 B: 19.60 C: 63.00 mm



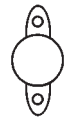
110350 Alternator 14 V, 44 Amp

Replacing: KAT3KT22214B, 222-3701010, 222-3701005, 2105370101010, 21053701010, 2105-3701010, 2105-3701005

Servicing: Fiat, Lada

Grooves 1, Length 166.00, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm



112191 Alternator 14 V, 80 Amp

Manufacturer: Mahle Letrika

Replacing: 9412.3701, 21214-3701010, 2121-43701010

Servicing: Lada

Grooves 1, Length 183.50, Pulley P, Fan EF

A: 81.40 B: 56.00 mm



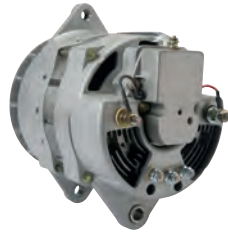
110801 Alternator 28 V, 45 Amp
 Replacing: 2303JB
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International
 Terminal W, Length 270.00, Pulley w/o, Fan EF
 B: 14.80 C: 100.00 mm



113651 Alternator 14 V, 160 Amp
 Replacing: A0012700LC, A0012700JB, A0012670LC, A0012670JB, A001090557, A001090550, A001090546, A001090524
 Servicing: Various Industrial applications
 Length 251.00, Pulley w/o, Fan EF
 B: 13.80 C: 103.30 mm



110937 Alternator 14 V, 200 Amp
 Replacing: 7064A, 4725JA, 4625JA, 4425JA, 2805J, 2800LJ, 2500J, 2400JB, 2400J, 2360JB, 2360J, 2300JC, 2300JB
 Servicing: Cadillac, Caterpillar, International
 Terminal W, Length 230.00, Pulley w/o, Fan EF
 B: 15.00 C: 102.00 mm



115386 Alternator 28 V, 140 Amp
 Replacing: BLD3314GH, BLD3314C, BLD3314
 Servicing: Various Agriculture Vehicles, Various Industrial applications
 Length 279.00, Pulley w/o, Fan EF
 B: 14.00 C: 102.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: BCA3920
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.
 Terminal W, Length 186.00, Pulley w/o, Fan EF
 B: 80.40 mm

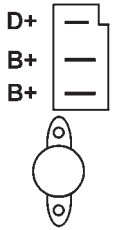


115387 alternator 28 V, 140 Amp
 Replacing: BLP3317A, BLP3317
 Servicing: Various Agriculture Vehicles, Various Industrial applications
 Length 280.00, Pulley w/o, Fan EF
 B: 80.00 mm

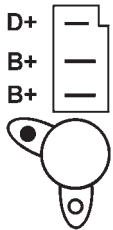


112560 Alternator 28 V, 140 Amp
 Replacing: A0014727JB, 4727JB
 Servicing: Cummins
 Length 283.00, Pulley w/o, Fan EF
 B: 14.00 C: 102.00 mm

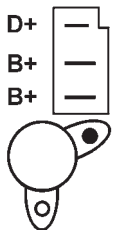
ALTERNATORS



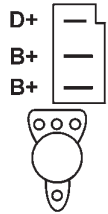
110107 Alternator 14 V, 55 Amp
 Replacing: 24204A, 24204, 24124B, 24124A, 24124, 24033A, 24033
 Servicing: Massey Ferguson
 Length 165.00, Pulley P, Fan EF



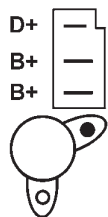
110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 54022165, 54022083, 54022032, 54022017, 54022006, 54021993, 54021918, 54021917, 54021898, 54021868
 Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



110179 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 54022084, 54022011, 54021985, 54021845, 54021810, 54021493, 24180A, 24180, 24153A, 24153, 24141
 Servicing: Bedford, Case, Ford, Jaguar, Land Rover, LDV International, Lotus, Mercury, Triumph, Vauxhall
 Length 162.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.75 C: 88.00 mm



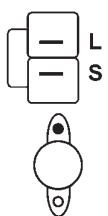
110497 Alternator 14 V, 70 Amp
 Replacing: NAB900, 66921126, 66021155, 66021070
 Servicing: Austin-Healey, Various Agriculture Vehicles
 Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF
 w/ mounting bearing bracket for left and right engine side.
 A: 42.50 B: 10.50 C: 84.00 mm



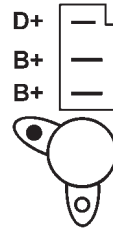
110607 Alternator 14 V, 70 Amp
 Replacing: 54022558, 54022516, 54022513, 54022374, 54022351, 54022301, 54022248, 54022222, 54022130, 24264B
 Servicing: Ford
 Grooves 4, Length 201.50, Pulley SP, Fan w/o
 As HC-CARGO 111754, but w/o vacuum pump.
 A: 33.70 B: 11.30 C: 83.00 mm



110641 Alternator 14 V, 33 Amp
 Replacing: 24171A, 24171
 Servicing: Bosch, BPM, Case, Claas, Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer, Lamborghini, Liebherr, Linde
 Terminal W, Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 76.50 B: 56.00 mm



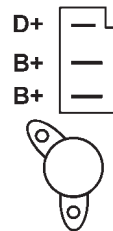
110659 Alternator 14 V, 75 Amp
 Replacing: A8520
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 156.30, Pulley SP, Fan IF
 A: 38.15 B: 13.00 C: 55.00 mm



110759 Alternator 14 V, 35 Amp
 Replacing: 61920312
 Servicing: Austin, Ford, Mercury
 Length 160.00, Pulley P, Fan EF
 B: 10.50 C: 79.00 mm



110766 Alternator 28 V, 27 Amp
 Replacing: A0924
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



110770 Alternator 14 V, 55 Amp
 Replacing: 54022686, 54022625, 54022623, 54022621, 54022616, 54022590, 54022554, 54022536, 54022483, 54022458
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover
 Terminal W, Length 166.00, Pulley w/o, Fan w/o
 B: 12.00 C: 82.00 mm



110882 Alternator 14 V, 45 Amp
 Replacing: 61920270
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 181.50, Pulley P, Fan w/o
 Connection 67 = D+ terminal.
 A: 47.00 B: 16.25 C: 63.00 mm


110890 Alternator 14 V, 55 Amp

Replacing: 61920269

Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same

 Grooves 1, Length 169.00, Pulley P, Fan w/o
 A: 49.00 B: 17.00 C: 63.00 mm

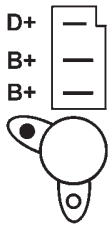
110891 Alternator 14 V, 70 Amp

Replacing: 54022604, 54022603, 54022419, 54022388, 54022344, 54022340, 54022283, 54022279, 54022236, 54022233

Servicing: Ford, Land Rover, MG

Terminal W, Length 169.00, Pulley w/o, Fan w/o

B: 11.30 C: 83.00 mm

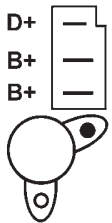

110968 Alternator 14 V, 70 Amp

Replacing: NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra

 Grooves 1, Length 167.00, Pulley P, Fan EF
Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm

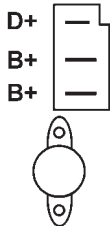

110969 Alternator 14 V, 65 Amp

Replacing: NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012

Servicing: Land Rover, Various Agriculture Vehicles

Grooves 1, Length 167.50, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm

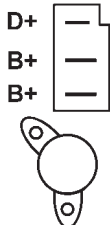

110970 Alternator 14 V, 65 Amp

Replacing: NAB302

Servicing: Massey Ferguson

Terminal W, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm


110972 Alternator 14 V, 65 Amp

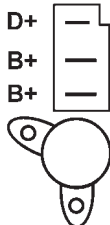
Manufacturer: Prestolite

Replacing: NAB304, 66021101, 60021056, 60021055, 60021054

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Grooves 1, Length 167.50, Pulley P, Fan EF

A: 87.90 B: 56.00 mm

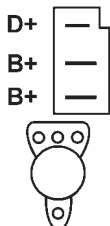

110975 Alternator 14 V, 65 Amp

Replacing: NAB307, 60021068, 60021067, 60021063, 60021026, 54021649

Servicing: Audi, Various Agriculture Vehicles, VW

Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF

A: 82.85 B: 56.25 mm


110977 Alternator 28 V, 35 Amp

Replacing: NAB901, NAB501

Servicing: Universal

Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm


111035 Alternator 14 V, 65 Amp

Replacing: 54022240, 54022171, 24214B, 24214A, 24214, 24213A, 24213, 24203B, 24203

Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava

 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm

111078 Alternator 14 V, 45 Amp

Replacing: 24041H, 24041F, 24041E, 24041A, 24041

Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava

 Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 53.25 B: 23.50 mm

111086 Alternator 14 V, 65 Amp

Manufacturer: Mahle Letrika

Replacing: 61920400, 61920316, 61920315, 24149A, 24149, 24118J, 24118H, 24118A, 24118, 24062A, 24062, 24027B

Servicing: Austin, Ford, Mercury, MG, Rover, Suzuki

 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm

111148 Alternator 14 V, 65 Amp

Replacing: 54022420

Servicing: Autobianchi, Fiat, Lancia, Zastava

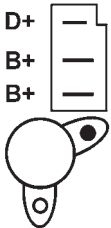
Grooves 1, Length 165.50, Pulley P, Fan w/o

A: 52.25 B: 23.00 C: 73.00 mm

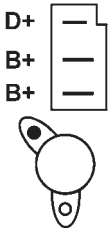
ALTERNATORS



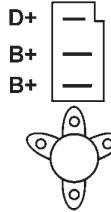
111176 Alternator 14 V, 75 Amp
 Replacing: 54022716, 54022652, 54022614, 54022602, 54022585, 54022584, 54022514, 54022474, 54022346, 54022330
 Servicing: Ford, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 35.50 B: 11.25 C: 81.65 mm



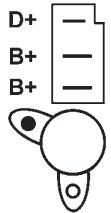
111184 Alternator 14 V, 43 Amp
 Replacing: 61920289, 61920287, 54021987, 54021873, 54021764, 54021551, 54021351, 26024243, 24237A, 24237
 Servicing: Ford, Land Rover, Massey Ferguson, Rover, Triumph, Vauxhall
 Length 186.00, Pulley w/o, Fan w/o
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.85 C: 87.00 mm



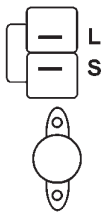
111185 Alternator 14 V, 43 Amp
 Manufacturer: Lucas
 Replacing: 61920107, 54021350, 26921046, 26021235, 24185, 24181A, 24134E, 24134A, 24134, 24099A, 24099, 24082A
 Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall
 Length 169.50, Pulley w/o, Fan IF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.80 C: 88.00 mm



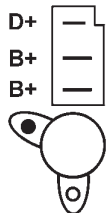
111204 Alternator 14 V, 70 Amp
 Replacing: NAB905, 24166A, 24166, 24017A, 24017, 24016A, 24016, 24014A, 24014, 23999B, 23999A, 23999, 23991A
 Servicing: Case, Jaguar, TVR
 Grooves 1, Length 166.00, Pulley P, Fan EF
 w/ mounting bearing bracket for left and right engine side.
 A: 54.15 B: 27.00 mm



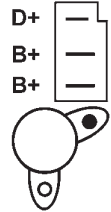
111289 Alternator 14 V, 70 Amp
 Replacing: 61920314, 61920311, 54022620, 54022572, 54022243, 54022147, 54021921, 54021919, 24318A, 24318
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



111315 Alternator 14 V, 90 Amp
 Replacing: 66021300
 Servicing: Ford, Mazda
 Grooves 5, Length 155.50, Pulley SP, Fan IF
 A: 37.65 B: 13.20 C: 66.45 mm



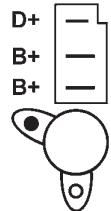
111355 Alternator 14 V, 65 Amp
 Replacing: 54022752, 54022647, 54022642, 54022639, 54022579, 54022428, 54022408, 54022382, 54022200, 54022176
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra
 Terminal W, Grooves 1, Length 163.50, Pulley P, Fan EF
 A: 37.00 B: 11.50 C: 81.00 mm



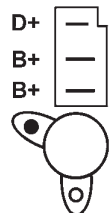
111356 Alternator 14 V, 55 Amp
 Replacing: 54022595, 54022581, 54022418, 54022410, 54022389, 54022342, 54022313, 54022291, 54022285, 54022234
 Servicing: Ford, Various Agriculture Vehicles
 Terminal W, Grooves 3, Pulley SP, Fan EF
 A: 43.00 B: 10.80 C: 81.00 mm



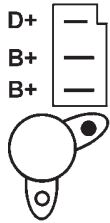
111361 Alternator 14 V, 67 Amp
 Replacing: 54022664, 54022662, 54022654, 54022653, 54022608, 54022375, 54022308, 24418, 24411, 24286F, 24286A
 Servicing: Nissan
 Terminal W, Grooves 4, Length 176.50, Pulley SP, Fan EF
 A: 69.65 B: 25.00 C: 81.00 mm



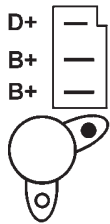
111362 Alternator 14 V, 55 Amp
 Replacing: 54022803, 54022740, 54022695, 54022668, 54022598, 54022335, 54022241, 54022211, 54022182, 54022160
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra
 Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF
 A: 34.50 B: 11.00 C: 81.00 mm



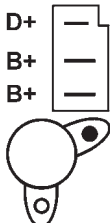
111363 Alternator 14 V, 45 Amp
 Replacing: 54022481, 54022310, 54022292, 24327A, 24256C, 24256B, 24256A, 24256, 24246J, 24246F, 24246B, 24246A
 Servicing: Ford, New Holland
 Terminal W, Grooves 1, Length 165.25, Pulley P, Fan EF
 A: 36.70 B: 11.00 C: 83.00 mm



111364 Alternator 14 V, 55 Amp
 Replacing: 54022593, 54022586, 54022385, 54022266, 54022227, 54022218, 54022213, 54022183, 54022152, 54022151
 Servicing: Ford, Rover
 Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF
 A: 35.50 B: 12.50 C: 81.00 mm



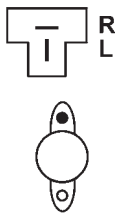
111366 Alternator 14 V, 45 Amp
 Replacing: 54022401, 54022274, 54022265, 54022264, 54022246, 54022228, 54022207, 54022196, 54022166, 54022145
 Servicing: Land Rover, LDV
 Terminal W, Length 166.00, Pulley w/o, Fan w/o
 B: 11.00 C: 81.00 mm



111368 Alternator 14 V, 70 Amp
 Replacing: 54022754, 54022747, 54022700, 54022617, 54022589, 54022519, 54022518, 54022517, 54022449, 54022448
 Servicing: Ford
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 34.90 B: 12.00 C: 82.60 mm



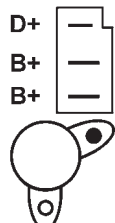
111418 Alternator 14 V, 60 Amp
 Replacing: 61920275
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 165.50, Pulley P, Fan EF
 Alternative no.: 115873 5*
 A: 49.00 B: 17.00 C: 66.00 mm



111495 Alternator 14 V, 40 Amp
 Replacing: LRA002043
 Servicing: Hyster, Mitsubishi, Sumitomo, Yale
 Terminal W, Grooves 1, Length 161.00, Pulley P, Fan IF
 A: 42.00 B: 13.00 C: 81.50 mm



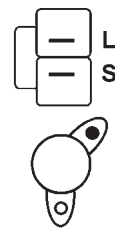
111510 Alternator 28 V, 55 Amp
 Replacing: 47020090, 47020083, 47020061
 Servicing: Ford, Perkins
 Terminal W, Pulley w/o, Fan EF
 B: 10.00 C: 82.00 mm



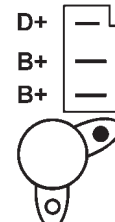
111569 Alternator 28 V, 30 Amp
 Replacing: 54022711, 54022619, 54022578, 54022415, 24413, 24406, 24299
 Servicing: DAF, LDV International
 Terminal W, Length 176.00, Pulley w/o, Fan w/o
 55 A HC-CARGO 116475.
 B: 11.70 C: 82.80 mm



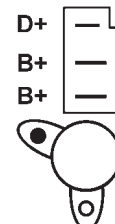
111623 Alternator 14 V, 70 Amp
 Replacing: 54022708, 54022689, 54022615, 54022610, 54022588, 54022583, 54022575, 54022565, 54022564, 54022557
 Servicing: Ford
 Terminal W, Grooves 4, Length 201.50, Pulley SP, Fan EF
 Alternative no.: 115890 5*
 A: 33.00 B: 11.80 C: 83.40 mm



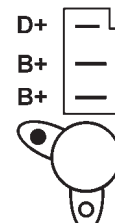
111626 Alternator 14 V, 90 Amp
 Replacing: LRA0468
 Servicing: Mitsubishi
 Grooves 2, Length 178.00, Pulley DP, Fan IF
 A: 42.00 B: 13.20 C: 54.60 mm



111738 Alternator 14 V, 65 Amp
 Replacing: 61920310, 54022789, 54022628, 54022390, 54022379, 54022254, 24290A, 24290
 Servicing: Rover
 Terminal W, Length 168.00, Pulley w/o, Fan w/o
 B: 11.00 C: 82.00 mm



111739 Alternator 14 V, 55 Amp
 Replacing: 54022336, 24273A, 24273
 Servicing: Ford, New Holland
 Terminal BS/W, Length 167.00, Pulley w/o, Fan EF
 w/ battery sensor terminal.
 B: 11.40 C: 82.30 mm

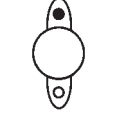
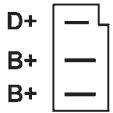


111740 Alternator 14 V, 70 Amp
 Replacing: 54022337, 24448, 24400, 24274A, 24274, 24250B, 24250A, 24250, 24186D, 24186B, 24186A, 24186
 Servicing: Ford, Land Rover
 Terminal BS/W, Grooves 1, Length 167.00, Pulley P, Fan EF
 w/ battery sensor terminal.
 A: 36.00 B: 11.00 C: 82.70 mm

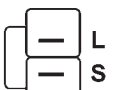
ALTERNATORS



111742 Alternator 14 V, 70 Amp
 Replacing: 54022708, 54022689, 54022610, 54022588, 54022583, 54022582, 54022575, 54022565, 54022564, 54022557
 Servicing: Ford
 Terminal W, Grooves 4, Length 258.50, Pulley SP, Fan EF
 A: 34.00 B: 12.00 C: 83.00 mm



111948 Alternator 14 V, 70 Amp
 Replacing: 24123P, 24123B, 24123A, 24123, 24087D, 24087B, 24087A, 24087, 24022A, 24022, 24019A, 24019, 23880A
 Servicing: Massey Ferguson
 Terminal W, Length 159.00, Pulley w/o, Fan EF
 B: 29.00 mm



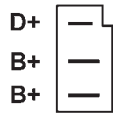
111956 Alternator 14 V, 75 Amp
 Replacing: LRA0469
 Servicing: Mitsubishi
 Grooves 2, Length 167.00, Pulley DP, Fan IF
 A: 41.00 B: 13.00 C: 55.00 mm



112021 Alternator 14 V, 100 Amp
 Replacing: 54022498, 54022459
 Servicing: Land Rover
 Terminal W, Grooves 7, Length 194.00, Pulley SP, Fan IF
 A: 31.00 B: 13.50 C: 83.50 mm



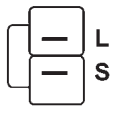
112097 Alternator 28 V, 30 Amp
 Replacing: LRA2378, A0828, 61920271
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



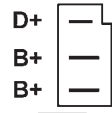
112112 Alternator 14 V, 70 Amp
 Replacing: 57020057, 47020089, 47020088, 47020086, 47020084, 47020068, 47020067, 47020065, 47020059, 47020057
 Servicing: Perkins, Sabre, Yanmar
 Terminal W, Grooves 1, Length 170.50, Pulley P, Fan EF
 A: 45.00 B: 11.50 C: 82.50 mm



112128 Alternator 14 V, 75 Amp
 Replacing: 61920401, 61920334, 54021851
 Servicing: Mitsubishi
 Grooves 2, Length 226.00, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 55.10 mm



112205 Alternator 14 V, 90 Amp
 Replacing: 61920402, 61920335
 Servicing: Hyundai, Mitsubishi
 Grooves 2, Length 251.00, Pulley DP, Fan IF
 A: 42.00 B: 13.10 C: 54.90 mm



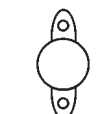
112237 Alternator 14 V, 70 Amp
 Replacing: NAB900M
 Servicing: Various
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 10.90 C: 84.00 mm



112238 Alternator 14 V, 65 Amp
 Replacing: 54022663, 54022646, 54022591, 54022552, 54022510, 54022393, 54022268, 54022267, 54022256, 54022220
 Servicing: Austin, DAF, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 36.00 B: 11.50 C: 81.70 mm



112529 Alternator 14 V, 90 Amp
 Replacing: LRA1860
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 Alternative no.: 116129
 A: 92.00 B: 56.10 mm



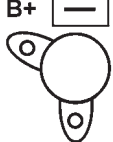
112650 Alternator 14 V, 65 Amp
 Manufacturer: Lucas
 Replacing: 26021117
 Servicing: Tata
 Terminal W, Grooves 4, Length 233.00, Pulley SP, Fan EF
 A: 42.00 B: 14.75 C: 81.00 mm


B+D+ W


112698 Alternator 14 V, 100 Amp
 Replacing: 54022549
 Servicing: Ford
 Terminal W, Grooves 6, Length 178.00,
 Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm


B+D+ W

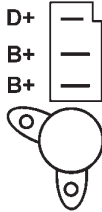

112718 Alternator 14 V, 100 Amp
 Replacing: 54022527, 54022443
 Servicing: Ford, New Holland
 Terminal W, Grooves 6, Length 189.00,
 Pulley SP, Fan IF
 A: 32.00 B: 14.00 C: 83.80 mm


D+ B+ B+


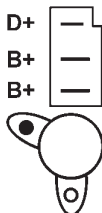
112722 Alternator 14 V, 70 Amp
 Replacing: 54022751, 54022746, 54022656,
 54022580, 54022561, 54022560, 54022532,
 54022530, 54022529, 54022528
 Servicing: Massey Ferguson
 Terminal W, Length 165.00, Pulley w/o,
 Fan EF
 B: 10.50 C: 83.50 mm



113376 Alternator 14 V, 55 Amp
 Replacing: 61920201
 Servicing: Bedford, Opel, Vauxhall
 Terminal W, Grooves 1, Length 167.50,
 Pulley P, Fan EF
 A: 76.60 B: 56.20 mm


D+ B+ B+

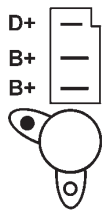

113378 Alternator 14 V, 45 Amp
 Replacing: 61920286, 54021879, 24211A,
 24079, 24072, 23993, 23846, 23830, 23814,
 23807, 23740, 23739, 23697
 Servicing: Austin, Ford, Land Rover
 Terminal S, Length 166.00, Pulley w/o,
 Fan w/o
 B: 9.10 C: 87.80 mm


D+ B+ B+


113474 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 54022007, 54022001, 24090D,
 24090A, 24090, 24067D, 24067A, 24067,
 24034A, 24034, 24015A, 24015
 Servicing: Austin, Landini, Massey Ferguson,
 Rover
 Terminal W, Grooves 1, Length 171.50,
 Pulley P, Fan EF
 A: 35.90 B: 11.00 C: 82.55 mm



113543 Alternator 14 V, 55 Amp
 Replacing: LRA02116
 Servicing: John Deere
 Terminal W, Grooves 8, Length 190.00,
 Pulley SP, Fan EF
 A: 78.40 B: 50.75 mm


D+ B+ B+


113574 Alternator 14 V, 65 Amp
 Replacing: 24049B, 24049A, 24049, 23680D,
 23680A, 23680
 Servicing: Case, New Holland, Valtra
 Terminal W, Grooves 1, Length 177.50,
 Pulley P, Fan EF
 A: 36.85 B: 10.40 C: 83.00 mm


L S

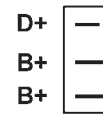

113600 Alternator 14 V, 90 Amp
 Replacing: LRA03022
 Servicing: Bobcat
 Grooves 1, Length 173.00, Pulley P, Fan IF
 A: 37.50 B: 13.00 C: 57.70 mm



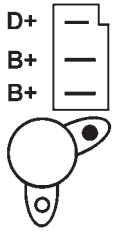
113683 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 40001C01, 26921168A, 26921168,
 26021278, 26021276, 004001C01
 Servicing: Mahindra
 Grooves 1, Pulley P, Fan EF
 A: 90.60 B: 56.00 mm


FRSIGA LI RC A


113710 Alternator 14 V, 125 Amp
 Replacing: LRS2853
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: 116124
 B: 14.00 C: 69.00 mm


D+ B+ B+

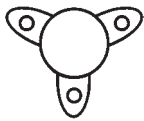

113713 Alternator 14 V, 80 Amp
 Replacing: 47020069, 47020063, 47020062,
 47020058, 47020056, 47020054
 Servicing: Lister
 Terminal W, Grooves 1, Length 169.10,
 Pulley P, Fan EF
 A: 45.50 B: 11.20 C: 83.00 mm



113714 Alternator 28 V, 55 Amp
 Replacing: 47020060
 Servicing: Sabre
 Terminal W, Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 45.50 B: 11.20 C: 83.00 mm



113763 Alternator 14 V, 85 Amp
 Replacing: 54022606, 54022524, 54022469, 54022466, 24480, 24479
 Servicing: JCB, Land Rover, Various Industrial applications
 Terminal W, Pulley w/o, Fan IF
 C: 82.00 mm



113920 Alternator 28 V, 35 Amp
 Replacing: 24271
 Servicing: MAN, Mercedes-Benz, Nissan, Padane
 Terminal W, Length 176.00, Pulley w/o, Fan w/o
 B: 80.40 mm



114360 Alternator 14 V, 70 Amp
 Replacing: 54022616A, 114360
 Servicing: JCB, Massey Ferguson
 Terminal W, Length 164.00, Pulley w/o, Fan w/o
 B: 11.50 C: 83.00 mm



115873 Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: 61920275
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 172.00, Pulley P, Fan EF
 Alternative no.: 111418
 A: 49.00 B: 17.00 C: 65.00 mm



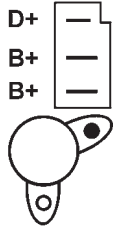
115890 Alternator 14 V, 70 Amp
 Manufacturer: Lucas
 Replacing: 54022708, 54022689, 54022615, 54022610, 54022588, 54022583, 54022575, 54022565, 54022564, 54022557
 Servicing: Ford
 Terminal W, Length 200.00, Pulley w/o, Fan EF
 Alternative no.: 111623
 B: 11.80 C: 81.50 mm



116124 Alternator 14 V, 125 Amp
 Manufacturer: Visteon
 Replacing: LRS2853
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: 113710
 B: 14.00 C: 69.00 mm



116129 Alternator 14 V, 90 Amp
 Manufacturer: Iskra/Mahle
 Replacing: LRA1860
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Length 185.00, Pulley SP, Fan IF
 Alternative no.: 112529
 B: 56.00 mm



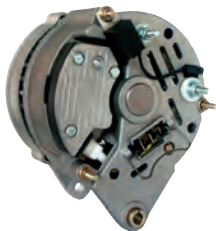
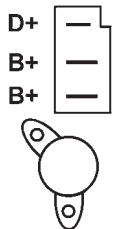
110607 Alternator 14 V, 70 Amp
 Replacing: 63324264
 Servicing: Ford
 Grooves 4, Length 201.50, Pulley SP, Fan w/o
 As HC-CARGO 111754, but w/o vacuum pump.
 A: 33.70 B: 11.30 C: 83.00 mm



110611 Alternator 14 V, 55 Amp
 Replacing: 63304800, 63303500, 63303192, 63303191, 63303150, 63303140, 63303130, 63303120, 63303110, 63303100
 Servicing: Allis Chalmers, Fiat, Seat
 Grooves 1, Length 175.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130613.
 A: 48.00 B: 17.00 C: 65.00 mm



110619 Alternator 14 V, 70 Amp
 Replacing: 63341770, 63341641, 63321770, 63321641
 Servicing: Citroen, Peugeot
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 95.00 B: 56.10 mm



110770 Alternator 14 V, 55 Amp
 Replacing: 63324157
 Servicing: Austin, LDV, Massey Ferguson, MG, Rover
 Terminal W, Length 166.00, Pulley w/o, Fan w/o
 B: 12.00 C: 82.00 mm



110881 Alternator 14 V, 55 Amp
 Replacing: 943356826
 Servicing: Deutz-Fahr, Fendt, Kramer, Marshall, Volvo
 Terminal W, Grooves 2, Length 170.00, Pulley DP, Fan EF
 A: 88.00 B: 56.00 mm



110882 Alternator 14 V, 45 Amp
 Replacing: 943356305, 943321044, 943320021, 943305226, 63321037, 63321036, 63321035, 63320021, 63307256
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 181.50, Pulley P, Fan w/o
 Connection 67 = D+ terminal.
 A: 47.00 B: 16.25 C: 63.00 mm



110890 Alternator 14 V, 55 Amp
 Replacing: 943356353, 943320023, 63321180, 63321041, 63320100, 63320023, 63307841, 63307536, 63307526
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 169.00, Pulley P, Fan w/o
 A: 49.00 B: 17.00 C: 63.00 mm



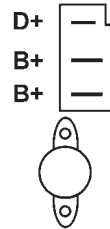
110891 Alternator 14 V, 70 Amp
 Replacing: 63324233
 Servicing: Ford, Land Rover, MG
 Terminal W, Length 169.00, Pulley w/o, Fan w/o
 B: 11.30 C: 83.00 mm



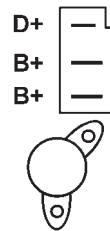
110899 Alternator 14 V, 33 Amp
 Replacing: 63362006, 63362004, 63362003, 63300506
 Servicing: Agrifull, DAF, Fiat, Volvo
 Grooves 1, Length 162.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130675.
 A: 48.45 B: 24.00 C: 74.00 mm



110911 Alternator 14 V, 55 Amp
 Replacing: 63305722, 63305721
 Servicing: Audi, Peugeot, Saab, VW
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 77.64 B: 56.00 mm



110912 Alternator 14 V, 55 Amp
 Replacing: 63321493, 63321197, 63321172, 63321080, 63321071, 63321061, 63321010, 63321008, 63320141, 63320128
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 44.50 B: 16.40 C: 66.00 mm

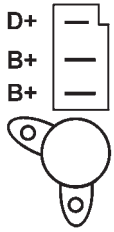


110913 Alternator 14 V, 70 Amp
 Replacing: 943356442
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm

ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



110923 Alternator 14 V, 55 Amp
 Replacing: 943356621
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP, Fan EF
 A: 92.00 B: 56.00 mm



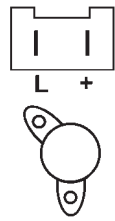
111035 Alternator 14 V, 65 Amp
 Replacing: 63505101, 63321154, 63321005, 63321003, 63320130, 63320056, 63320028, 63320004, 63307431, 63307401
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm



111036 Alternator 14 V, 45 Amp
 Replacing: MAN342, 63321189, 63321113, 63321000, 63320001
 Servicing: Autobianchi, Fiat, Lancia
 Grooves 1, Pulley P, Fan EF
 HC-CARGO 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



111078 Alternator 14 V, 45 Amp
 Replacing: 63321001, 63320002, 63308731, 63308701, 63307128, 63307126, 63307108, 63307106, 63306731, 63306721
 Servicing: Autobianchi, Fiat, Lancia, Seat, Zastava
 Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 53.25 B: 23.50 mm



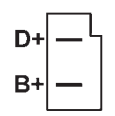
111082 Alternator 14 V, 60 Amp
 Replacing: 94335657, 943321083, 63396554, 63321114, 63321083, 63320039
 Servicing: Renault
 Grooves 1, Length 178.25, Pulley P, Fan EF
 A: 100.95 B: 56.00 mm



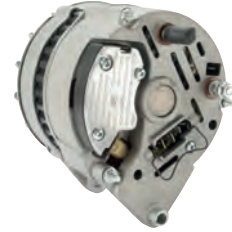
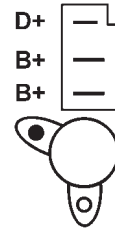
111148 Alternator 14 V, 65 Amp
 Replacing: 943321023, 63321510, 63321070, 63321068, 63321023, 63321007, 63320055, 63320035, 63320016, 63307634
 Servicing: Autobianchi, Fiat, Lancia, Zastava
 Grooves 1, Length 165.50, Pulley P, Fan w/o
 A: 52.25 B: 23.00 C: 73.00 mm



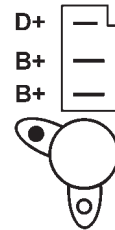
111153 Alternator 14 V, 55 Amp
 Replacing: 63305820, 63305800
 Servicing: Alfa Romeo
 Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 52.00 B: 27.00 mm



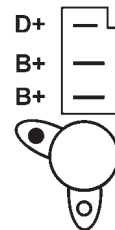
111180 Alternator 14 V, 33 Amp
 Replacing: 943356274, 63300931, 63300921, 63300920, 63300901, 63300900, 63300802, 63300521, 30680274
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 116133
 A: 49.00 B: 25.00 C: 74.00 mm



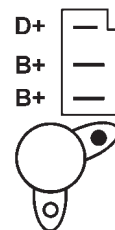
111289 Alternator 14 V, 70 Amp
 Replacing: 943358010, 943356639, 943356633, 63358020, 63358010
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



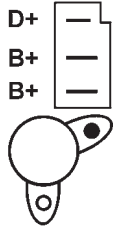
111355 Alternator 14 V, 65 Amp
 Replacing: 63324387, 63324245
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra
 Terminal W, Grooves 1, Length 163.50, Pulley P, Fan EF
 A: 37.00 B: 11.50 C: 81.00 mm



111363 Alternator 14 V, 45 Amp
 Replacing: 63325256, 63324327
 Servicing: Ford, New Holland
 Terminal W, Grooves 1, Length 165.25, Pulley P, Fan EF
 A: 36.70 B: 11.00 C: 83.00 mm



111364 Alternator 14 V, 55 Amp
 Replacing: 63324296, 63324145
 Servicing: Ford, Rover
 Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF
 A: 35.50 B: 12.50 C: 81.00 mm



111368 Alternator 14 V, 70 Amp
 Replacing: 63324231
 Servicing: Ford
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 34.90 B: 12.00 C: 82.60 mm



111409 Alternator 14 V, 100 Amp
 Replacing: 63321800, 63321349, 63321246, 63321241, 63320292, 63320256, 63320226
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 7, Length 207.00, Pulley SP, Fan IF
 A: 41.00 B: 22.00 C: 54.35 mm



111411 Alternator 14 V, 75 Amp
 Replacing: 63341712, 63341233, 63341200, 63321848, 63321712, 63321600, 63321470, 63321270, 63321233, 63321200
 Servicing: Citroen, Fiat, Ford, Lancia, Peugeot
 Grooves 4, Length 189.50, Pulley SP, Fan IF
 A: 54.80 B: 32.00 mm



111413 Alternator 14 V, 90 Amp
 Replacing: 63321809, 63321614, 63321611, 63321311, 63321278
 Servicing: Fiat, Lancia
 Grooves 6, Length 197.00, Pulley SP, Fan IF
 A: 43.90 B: 17.00 C: 54.90 mm



111416 Alternator 14 V, 65 Amp
 Replacing: 63321820, 63321661, 63321660, 63321616, 63321615, 63321367, 63321362, 63321282, 63321275, 63321251
 Servicing: Citroen, Fiat
 Grooves 6, Length 199.00, Pulley SP, Fan IF
 A: 41.00 B: 17.00 C: 82.00 mm



111418 Alternator 14 V, 60 Amp
 Replacing: 63321044, 63321042, 63320024
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 165.50, Pulley P, Fan EF
 Alternative no.: 115873 5*
 A: 49.00 B: 17.00 C: 66.00 mm



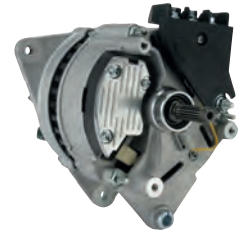
111505 Alternator 14 V, 75 Amp
 Replacing: 63321604, 63321603, 63321364, 63321300, 63321281, 63321235, 63320258, 63221604
 Servicing: Fiat, Lancia
 Grooves 4, Pulley SP, Fan IF
 A: 45.00 B: 32.35 C: 83.55 mm



111568 Alternator 14 V, 85 Amp
 Replacing: 63321792, 63321489, 63321485, 63321453, 63321406, 63321332, 63321331, 63321237, 63321227
 Servicing: Citroen, Fiat
 Grooves 6, Length 200.50, Pulley SP, Fan IF
 A: 41.00 B: 17.00 C: 82.00 mm



111620 Alternator 14 V, 65 Amp
 Replacing: 943321086, 943321084, 943321017, 63321153, 63321152, 63321096, 63321086, 63321084, 63321072
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Lancia, Pininfarina, Various Agriculture Vehicles
 Grooves 5, Length 172.00, Pulley SP, Fan EF
 A: 47.75 B: 16.30 C: 63.00 mm



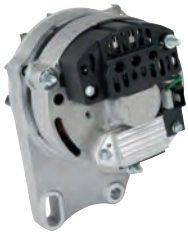
111623 Alternator 14 V, 70 Amp
 Replacing: 63324293, 54022720
 Servicing: Ford
 Terminal W, Grooves 4, Length 201.50, Pulley SP, Fan EF
 Alternative no.: 115890 5*
 A: 33.00 B: 11.80 C: 83.40 mm



111654 Alternator 14 V, 65 Amp
 Replacing: 943321172, 63321199, 63321123, 63321077, 63321029, 63321017, 63320126, 63320020, 63320017, 63320013
 Servicing: Fiat, Lancia
 Length 158.00, Pulley w/o, Fan EF
 B: 16.00 C: 64.00 mm



111686 Alternator 14 V, 65 Amp
 Replacing: 943321019, 943320049, 63321146, 63321099, 63321031, 63321022, 63321021, 63321020, 63321019
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



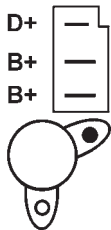
111687 Alternator 14 V, 55 Amp
 Replacing: 63321165, 63320094
 Servicing: Fiat
 Grooves 1, Length 174.00, Pulley P, Fan EF
 A: 53.00 B: 23.50 mm



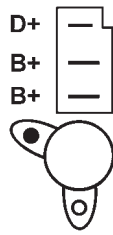
111689 Alternator 14 V, 65 Amp
 Replacing: 63321625, 63321609, 63321607, 63321606, 63321396, 63321295, 63321283, 63321252
 Servicing: Fiat, Lancia
 Grooves 5, Length 199.00, Pulley SP, Fan IF
 A: 59.00 B: 25.00 C: 71.00 mm



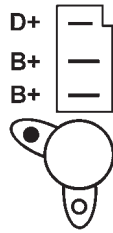
111723 Alternator 14 V, 70 Amp
 Replacing: 63321771, 63321671
 Servicing: Citroen, Fiat, Peugeot
 Grooves 5, Length 173.50, Pulley SP, Fan IF
 A: 75.00 B: 56.00 mm



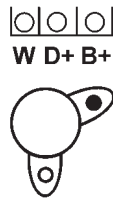
111738 Alternator 14 V, 65 Amp
 Replacing: 63324290
 Servicing: Rover
 Terminal W, Length 168.00, Pulley w/o, Fan w/o
 B: 11.00 C: 82.00 mm



111739 Alternator 14 V, 55 Amp
 Replacing: 63324273
 Servicing: Ford, New Holland
 Terminal BS/W, Length 167.00, Pulley w/o, Fan EF
 w/ battery sensor terminal.
 B: 11.40 C: 82.30 mm



111740 Alternator 14 V, 70 Amp
 Replacing: 63324274
 Servicing: Ford, Land Rover
 Terminal BS/W, Grooves 1, Length 167.00, Pulley P, Fan EF
 w/ battery sensor terminal.
 A: 36.00 B: 11.00 C: 82.70 mm



111742 Alternator 14 V, 70 Amp
 Replacing: 63324293, 54022720
 Servicing: Ford
 Terminal W, Grooves 4, Length 258.50, Pulley SP, Fan EF
 A: 34.00 B: 12.00 C: 83.00 mm



111756 Alternator 14 V, 65 Amp
 Replacing: 63341238, 63321342, 63321238A, 63321238, 63320218
 Servicing: MG, Rover
 Grooves 5, Length 181.00, Pulley SP, Fan IF
 A: 90.00 B: 57.90 mm



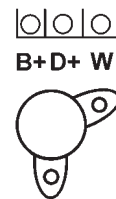
111795 Alternator 14 V, 80 Amp
 Replacing: 63377410, 63377402, 63341797, 63341697, 63341679, 63321697, 63321679, 63321279
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 12.50 B: 72.00 C: 53.00 mm



111802 Alternator 14 V, 75 Amp
 Replacing: 63321617, 63321361, 63321276, 63321205
 Servicing: Fiat
 Grooves 5, Length 187.00, Pulley SP, Fan IF
 A: 40.50 B: 17.00 C: 81.80 mm



111803 Alternator 14 V, 60 Amp
 Replacing: 63321170
 Servicing: Renault
 Grooves 1, Length 173.50, Pulley P, Fan EF
 A: 50.50 B: 26.00 mm



112021 Alternator 14 V, 100 Amp
 Replacing: 63341358, 63341321, 63340004, 63321358, 63321321
 Servicing: Land Rover
 Terminal W, Grooves 7, Length 194.00, Pulley SP, Fan IF
 A: 31.00 B: 13.50 C: 83.50 mm



112078 Alternator 14 V, 120 Amp
 Replacing: 63304078
 Servicing: Volvo
 Grooves 6, Length 194.00, Pulley SP, Fan IF
 A: 44.50 C: 82.00 mm



112079 Alternator 14 V, 90 Amp
 Replacing: 63304079
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP/
 FW, Fan IF
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 943320025, 63321163, 63321161,
 63321115, 63321104, 63321063, 63321055,
 63321052, 63321050, 63321049
 Servicing: Allis Chalmers, Astra, Fahr, Fiat,
 Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P,
 Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112121 Alternator 14 V, 70 Amp
 Replacing: 63341730, 63341724, 63341691,
 63341669, 63341244, 63321730B, 63321730A,
 63321730, 63321724
 Servicing: Ford, Mazda
 Terminal W, Grooves 5, Length 178.00,
 Pulley SP, Fan IF
 A: 33.00 B: 14.40 C: 55.50 mm



112142 Alternator 14 V, 90 Amp
 Replacing: 63377413, 63377412, 63377404,
 63341746, 63341677, 63321898, 63321823,
 63321746, 63321677
 Servicing: Ford
 Length 168.00, Pulley w/o, Fan IF
 B: 14.00 C: 63.20 mm



112143 Alternator 14 V, 80 Amp
 Replacing: 63377409, 63341678, 63321678
 Servicing: Ford, Lister
 Grooves 6, Length 166.00, Pulley SP,
 Fan IF
 A: 34.00 B: 13.80 C: 62.40 mm



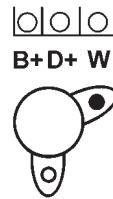
112202 Alternator 14 V, 85 Amp
 Replacing: 63341239, 63321239
 Servicing: MG, Rover
 Grooves 5, Length 180.00, Pulley SP,
 Fan IF
 A: 90.00 B: 57.50 mm



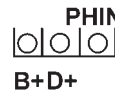
112203 Alternator 14 V, 65 Amp
 Replacing: 63341727, 63341636, 63321727,
 63321636
 Servicing: Austin, Rover
 Grooves 5, Length 180.00, Pulley SP,
 Fan IF
 A: 35.50 B: 14.10 C: 75.25 mm



112238 Alternator 14 V, 65 Amp
 Replacing: 63324242
 Servicing: Austin, DAF, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 168.00,
 Pulley P, Fan EF
 A: 36.00 B: 11.50 C: 81.70 mm



112325 Alternator 14 V, 70 Amp
 Replacing: 943322602, 63341695, 63341666,
 63321695, 63321666, 63321425, 63321257,
 63320531, 63320243
 Servicing: Ford
 Terminal W, Grooves 5, Length 170.00,
 Pulley SP, Fan IF
 D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm



112384 Alternator 14 V, 75 Amp
 Replacing: 63341702, 63341658, 63321702,
 63321658
 Servicing: Smart (MCC)
 Grooves 4, Length 176.00, Pulley SP, Fan IF
 Please note . If 3 connections = HC-CARGO
 112384. If 2 connections = HC-CARGO 114025.
 They cannot replace each other.
 A: 90.00 B: 57.90 mm

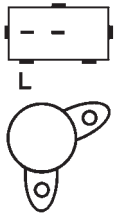


112648 Alternator 14 V, 70 Amp
 Replacing: 63321741
 Servicing: Citroen, Peugeot
 Grooves 5, Length 173.00, Pulley SP, Fan IF
 A: 75.00 B: 56.00 mm

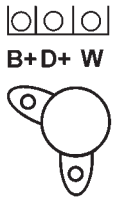
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

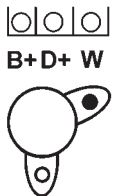
* Available while stock last, * Program development.



112654 Alternator 14 V, 90 Amp
 Manufacturer: Marelli
 Replacing: 63341711, 63321711B, 63321711, 063341711010
 Servicing: Ford
 Length 213.00, Pulley w/o, Fan IF
 B: 17.25 C: 62.60 mm



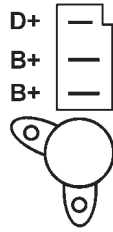
112698 Alternator 14 V, 100 Amp
 Replacing: 63341344, 63341343, 63321473, 63321465, 63321422, 63321344, 63321343, 63321324
 Servicing: Ford
 Terminal W, Grooves 6, Length 178.00, Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



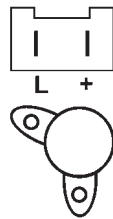
112718 Alternator 14 V, 100 Amp
 Replacing: 63321347, 63321346, 63321285
 Servicing: Ford, New Holland
 Terminal W, Grooves 6, Length 189.00, Pulley SP, Fan IF
 A: 32.00 B: 14.00 C: 83.80 mm



112719 Alternator 14 V, 55 Amp
 Replacing: 63395575, 63321409, 63321191, 63321120, 63321112, 63321103, 63321028, 63321011, 63320125, 63320053
 Servicing: Fiat, Lancia
 Grooves 1, Length 159.00, Pulley P, Fan EF
 Alternative no.: 116331
 A: 44.50 B: 16.20 C: 63.30 mm



112722 Alternator 14 V, 70 Amp
 Replacing: 63324407
 Servicing: Massey Ferguson
 Terminal W, Length 165.00, Pulley w/o, Fan EF
 B: 10.50 C: 83.50 mm



112728 Alternator 14 V, 55 Amp
 Replacing: 63321178, 63321081, 63321057
 Servicing: Renault
 Grooves 1, Length 176.00, Pulley P, Fan EF
 A: 102.00 B: 56.00 mm



112768 Alternator 14 V, 55 Amp
 Replacing: 943356316, 943321095, 63321095, 63320037, 63305120, 30680316
 Servicing: Alfa Romeo, Fiat, Goldoni
 Terminal W, Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 47.00 B: 15.00 C: 70.00 mm



112782 Alternator 14 V, 80 Amp
 Replacing: 63341723, 63321772, 63321723
 Servicing: Citroen, Peugeot
 Grooves 5, Length 179.00, Pulley SP, Fan IF
 A: 75.00 B: 56.00 mm



113246 Alternator 14 V, 90 Amp
 Replacing: 63377300, 63321829
 Servicing: Citroen, Peugeot
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.40 mm



113247 Alternator 14 V, 120 Amp
 Replacing: 63310508
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 178.00, Pulley SP, Fan IF
 A: 52.00 B: 27.00 C: 68.50 mm



113336 Alternator 14 V, 120 Amp
 Replacing: 63321859, 63321858, 63321805, 63321804, 63321507, 63321501, 63321497, 63321491, 63321414
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 204.00, Pulley SP/FW, Fan IF
 A: 44.00 B: 22.60 C: 54.80 mm



113338 Alternator 14 V, 65 Amp
 Replacing: 63321833
 Servicing: Fiat
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 A: 44.00 B: 17.10 C: 54.40 mm



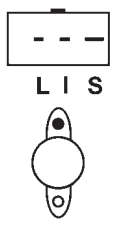
113404 Alternator 14 V, 90 Amp
 Replacing: 63321740
 Servicing: Citroen, Peugeot
 Grooves 5, Pulley SP, Fan IF
 A: 75.00 B: 56.30 mm



113405 Alternator 14 V, 70 Amp
 Replacing: 63341733, 63321828, 63321733
 Servicing: Citroen, Peugeot
 Terminal DF, Grooves 6, Length 170.00,
 Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



113471 Alternator 14 V, 65 Amp
 Replacing: 63321488, 63321173, 63321141,
 63321136, 63321082, 63320140, 63320040
 Servicing: Fiat, Lancia
 Grooves 4, Length 162.00, Pulley SP,
 Fan EF
 A: 54.50 B: 32.00 mm



113498 Alternator 14 V, 80 Amp
 Replacing: 63532637
 Servicing: Chevrolet, Daewoo, Lancia
 Grooves 6, Length 166.00, Pulley SP,
 Fan IF
 A: 50.65 B: 33.65 C: 58.60 mm



113529 Alternator 14 V, 120 Amp
 Replacing: 63321753
 Servicing: Ford, New Holland
 Terminal W, Grooves 8, Length 204.40,
 Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



113533 Alternator 14 V, 65 Amp
 Replacing: 63321190, 63320111
 Servicing: Fiat, Lancia, Lombardini
 Terminal W, Grooves 1, Length 160.00,
 Pulley P, Fan EF
 A: 52.00 B: 31.80 mm



113535 Alternator 14 V, 85 Amp
 Replacing: 63377013, 63321775, 63321765
 Servicing: Fiat, Ford, Lancia
 Grooves 5, Length 184.50, Pulley SP,
 Fan IF
 A: 16.30 B: 24.20 C: 51.00 mm



113536 Alternator 14 V, 90 Amp
 Replacing: 63321836, 63321819, 63321810,
 63321729, 63321612, 63321330, 63321287
 Servicing: Alfa Romeo
 Grooves 6, Length 197.00, Pulley SP,
 Fan IF
 A: 44.50 B: 16.90 C: 54.30 mm



113537 Alternator 14 V, 65 Amp
 Replacing: 63321870, 63321747, 63321663,
 63321602, 63321280, 63321234
 Servicing: Fiat, Lancia, Peugeot
 Grooves 4, Length 189.50, Pulley SP,
 Fan IF
 A: 62.25 B: 32.00 mm



113575 Alternator 14 V, 80 Amp
 Replacing: 63321734
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 162.00, Pulley SP,
 Fan IF
 A: 42.00 B: 22.00 C: 45.00 mm



113599 Alternator 14 V, 80 Amp
 Replacing: 63341758, 63321758
 Servicing: Ford
 Grooves 6, Length 181.00, Pulley SP,
 Fan IF
 A: 33.20 B: 16.70 C: 53.90 mm



113621 Alternator 14 V, 115 Amp
 Replacing: 63321817, 63321743
 Servicing: Ford, New Holland
 Grooves 6, Length 186.00, Pulley SP,
 Fan IF
 A: 34.00 B: 14.10 C: 83.35 mm


 FRSIGA
LI RC A


113709 Alternator 14 V, 115 Amp
 Replacing: 63380006
 Servicing: Ford, Jaguar
 Grooves 6, Pulley SP, Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm



113718 Alternator 14 V, 70 Amp
 Replacing: 63377008, 63377006, 63377002, 63321718
 Servicing: Citroen, Fiat, Lancia, Renault
 Grooves 5, Length 184.60, Pulley SP, Fan IF
 A: 16.50 B: 23.50 C: 50.00 mm



113720 Alternator 14 V, 75 Amp
 Manufacturer: Valeo
 Replacing: 63377493
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 116064
 A: 41.50 B: 64.00 C: 55.00 mm



W D+ B+



113763 Alternator 14 V, 85 Amp
 Replacing: 63377462, 63377461, 63377460, 63321466, 63320349
 Servicing: JCB, Land Rover, Various Industrial applications
 Terminal W, Pulley w/o, Fan IF
 C: 82.00 mm


 FRSIGA
LI RC A


113849 Alternator 14 V, 150 Amp
 Manufacturer: Denso
 Replacing: 63377416
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 164.50, Pulley SP/FW, Fan IF
 Alternative no.: 116294
 A: 42.50 B: 21.00 C: 45.00 mm



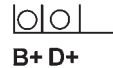
113904 Alternator 14 V, 130 Amp
 Replacing: 63377491
 Servicing: Opel, Saab, Vauxhall
 Terminal DF, Grooves 6, Length 215.00, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.00 mm



113939 Alternator 14 V, 100 Amp
 Replacing: 63321803, 63321506, 63321436, 63321419, 63321355, 63320333
 Servicing: Fiat, Lancia
 Grooves 6, Length 202.90, Pulley SP, Fan IF
 A: 43.40 B: 22.50 C: 54.00 mm



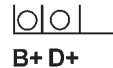
113942 Alternator 14 V, 100 Amp
 Replacing: 63321801, 63321418, 63321310, 63321232
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 202.00, Pulley SP, Fan IF
 A: 44.50 B: 22.60 C: 54.27 mm



B+ D+



113943 Alternator 14 V, 100 Amp
 Replacing: 63321826, 63321806, 63321805, 63321804, 63321501, 63321497
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Pulley SP/FW, Fan IF
 A: 44.00 B: 22.20 C: 54.75 mm



B+ D+



113955 Alternator 14 V, 105 Amp
 Replacing: 63377492
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 A: 112.50 B: 61.00 mm



113967 Alternator 14 V, 120 Amp
 Replacing: 63377464
 Servicing: Caterpillar, Perkins
 Terminal W, Length 182.00, Pulley w/o
 B: 13.00 C: 83.00 mm



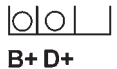
113987 Alternator 14 V, 140 Amp
 Replacing: 63321862, 63321815
 Servicing: Alfa Romeo, Fiat, Lancia, Renault
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 A: 44.50 B: 22.00 C: 54.40 mm



113996 Alternator 14 V, 140 Amp
 Replacing: 63377005, 63321940
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 Grooves 6, Length 210.00, Pulley SP/FW,
 Fan IF
 A: 113.00 B: 61.30 mm



114009 Alternator 14 V, 105 Amp
 Replacing: 63377407, 63374070
 Servicing: Ford
 Grooves 6, Length 160.00, Pulley SP,
 Fan IF
 A: 10.00 B: 72.00 C: 52.00 mm



114025 Alternator 14 V, 75 Amp
 Replacing: 63341896, 63321897, 63321896,
 63321702, 63321658
 Servicing: Smart (MCC), Toyota
 Grooves 4, Length 176.00, Pulley SP,
 Fan IF
*Please note . If 3 connections = HC-CARGO
 112384. If 2 connections = HC-CARGO 114025.
 They cannot replace each other.*
 A: 90.50 B: 57.80 mm



114083 Alternator 14 V, 150 Amp
 Replacing: 63377420
 Servicing: Volvo
 Grooves 6, Length 180.00, Pulley SP/FW,
 Fan IF
Freewheel Pulley: HC-CARGO 237619.
 A: 75.00 B: 72.00 C: 68.00 mm



114204 Alternator 14 V, 120 Amp
 Replacing: 63377490, 63377004
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 204.20, Pulley SP/FW,
 Fan IF
 A: 112.50 B: 61.50 mm



114248 Alternator 14 V, 150 Amp
 Replacing: 63377418
 Servicing: Ford
 Length 153.00, Pulley w/o, Fan IF
 B: 14.00 C: 52.00 mm



114302 Alternator 28 V, 75 Amp
 Replacing: 63377466
 Servicing: Caterpillar, Various Industrial
 applications
 Terminal W, Length 184.50, Fan IF
 B: 13.40 C: 83.20 mm



114384 Alternator 14 V, 85 Amp
 Replacing: 63321744
 Servicing: Case, New Holland
 Terminal W, Pulley w/o, Fan IF
 B: 17.00 C: 63.40 mm



114409 Alternator 14 V, 100 Amp
 Replacing: 63377424
 Servicing: Opel, Vauxhall
 Grooves 6, Length 193.00, Pulley SP/FW,
 Fan IF
 A: 41.00 B: 64.00 C: 55.00 mm



114451 Alternator 14 V, 105 Amp
 Replacing: 63377023, 63310504
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Length 185.00, Pulley SP/FW,
 Fan IF
 A: 41.00 B: 63.50 C: 55.00 mm



114462 Alternator 14 V, 70 Amp
 Replacing: 63377011
 Servicing: Alfa Romeo, Fiat, Ford, Lancia
 Grooves 4, Pulley SP, Fan IF
 A: 68.10 B: 32.50 mm



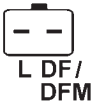
114493 Alternator 14 V, 100 Amp
 Replacing: 63377017
 Servicing: Alfa Romeo, Fiat, Lancia, Opel
 Grooves 6, Length 188.00, Pulley SP/FW,
 Fan IF
 A: 112.50 B: 61.20 mm



114669 Alternator 14 V, 65 Amp
 Replacing: 63321503, 63321502, 63321492, 63321458, 63321424, 63320137, 63320124
 Servicing: New Holland
 Terminal W, Length 170.00, Pulley w/o, Fan w/o
 B: 17.00 C: 65.00 mm



114714 Alternator 28 V, 80 Amp
 Replacing: 63307466
 Servicing: Caterpillar, Terex
 Terminal W, Length 178.00, Pulley w/o, Fan IF
 B: 14.00 C: 82.00 mm



114749 Alternator 14 V, 150 Amp
 Replacing: 63377015
 Servicing: Alfa Romeo, Fiat
 Grooves 5, Length 167.00, Pulley SP/FW, Fan IF
 A: 28.00 B: 14.20 C: 64.50 mm



114754 Alternator 14 V, 120 Amp
 Replacing: 63377425
 Servicing: Opel, Renault, Vauxhall
 Grooves 6, Pulley SP/FW, Fan IF
 A: 41.00 B: 64.00 C: 55.00 mm



114804 Alternator 14 V, 105 Amp
 Replacing: 63377421
 Servicing: Ford
 Pulley w/o, Fan IF
 B: 14.50 C: 52.00 mm



114806 Alternator 14 V, 120 Amp
 Replacing: 63377426
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia
 Grooves 5, Pulley SP/FW, Fan IF
 Alternative no.: 115874
 A: 16.00 B: 24.00 C: 50.00 mm



114894 Alternator 14 V, 60 Amp
 Replacing: 63351774, 63321832, 63321774
 Servicing: Suzuki
 Grooves 4, Length 172.00, Pulley SP, Fan IF
 A: 90.50 B: 58.00 mm



114895 Alternator 14 V, 70 Amp
 Replacing: 63377423
 Servicing: Opel, Vauxhall
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 40.00 B: 64.00 C: 55.00 mm



114899 Alternator 14 V, 70 Amp
 Replacing: 63377001, 63321869, 63321761
 Servicing: Fiat, Lancia
 Grooves 4, Length 184.00, Pulley SP, Fan IF
 A: 54.95 B: 32.00 mm



B+ D+ DFM



115308 Alternator 14 V, 120 Amp
 Replacing: 63377495
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Pulley SP/FW, Fan IF
 A: 41.00 B: 64.50 C: 54.50 mm



115346 Alternator 14 V, 120 Amp
 Replacing: 63377028
 Servicing: Alfa Romeo, Fiat, Opel, Vauxhall
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 41.50 B: 64.00 C: 55.00 mm



115429 Alternator 14 V, 120 Amp
 Replacing: 63377018
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Length 202.00, Pulley SP/FW, Fan IF
 A: 52.00 B: 61.00 mm



115460 Alternator 14 V, 160 Amp
 Replacing: 63321895, 63321880
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 21.00 C: 45.00 mm



115476 Alternator 14 V, 85 Amp
 Replacing: 63321791, 63321782, 63321715, 63321629
 Servicing: Fiat, Lancia
 Grooves 4, Length 178.00, Pulley SP, Fan IF
 A: 44.00 B: 32.00 C: 83.50 mm



115546 Alternator 14 V, 80 Amp
 Manufacturer: Denso
 Replacing: 63377566
 Servicing: Citroen, Peugeot
 Grooves 6, Length 177.40, Pulley SP/FW, Fan IF
 Alternative no.: 116357
 A: 42.40 B: 21.00 C: 45.80 mm

NEW PRODUCT
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115551 Alternator 14 V, 90 Amp
 Replacing: 63321760
 Grooves 4, Length 187.50, Pulley SP, Fan IF
 A: 54.60 B: 33.00 mm



115578 Alternator 14 V, 120 Amp
 Replacing: 63377029
 Servicing: Fiat
 Grooves 6, Pulley SP/FW, Fan IF
 A: 41.70 mm



115579 Alternator 14 V, 120 Amp
 Replacing: 63377422, 63377419
 Servicing: Ford
 Grooves 6, Length 168.00, Pulley SP/FW, Fan IF
 A: 41.50 B: 13.70 C: 52.00 mm



115615 Alternator 14 V, 105 Amp
 Replacing: 63377009, 63377007, 63321776
 Servicing: Fiat
 Grooves 5, Length 183.00, Pulley SP, Fan IF
 A: 17.00 C: 50.00 mm



115620 Alternator 14 V, 105 Amp
 Replacing: 63377031
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 4, Length 195.00, Pulley SP, Fan IF
 A: 68.50 B: 32.00 mm



115647 Alternator 14 V, 90 Amp
 Replacing: 63377030
 Servicing: Alfa Romeo, Fiat
 Grooves 4, Length 210.00, Pulley SP, Fan IF
 A: 69.00 B: 32.00 mm

NEW PRODUCT
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115664* Alternator 14 V, 75 Amp
 Replacing: 63321779
 Servicing: Fiat, Lancia
 Grooves 4, Pulley SP, Fan IF



115665 Alternator 14 V, 75 Amp
 Replacing: 63321872
 Servicing: Fiat, Lancia
 Grooves 4, Pulley SP, Fan IF
 A: 62.50 B: 32.00 mm



115667 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: 63377558
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 64.00 C: 55.00 mm



115742 Alternator 14 V, 100 Amp
 Replacing: 63377463
 Servicing: JCB
 Length 177.00, Pulley w/o, Fan IF
 B: 14.00 C: 83.00 mm



115852 Alternator 14 V, 105 Amp
 Replacing: 63377025
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 41.50 B: 64.00 C: 55.00 mm



115873 Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: 63321044, 63321042, 63320024
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 172.00, Pulley P, Fan EF
 Alternative no.: 111418
 A: 49.00 B: 17.00 C: 65.00 mm



115874 Alternator 14 V, 120 Amp
 Manufacturer: Denso
 Replacing: 63377426
 Servicing: Abarth, Alfa Romeo, Fiat, Lancia
 Grooves 5, Length 196.00, Pulley SP/FW, Fan IF
 Alternative no.: 114806
 A: 16.00 B: 24.00 C: 50.00 mm



115890 Alternator 14 V, 70 Amp
 Manufacturer: Lucas
 Replacing: 54022720
 Servicing: Ford
 Terminal W, Length 200.00, Pulley w/o, Fan EF
 Alternative no.: 111623
 B: 11.80 C: 81.50 mm



116064 Alternator 14 V, 75 Amp
 Replacing: 63377493
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 113720
 A: 40.00 B: 64.00 C: 55.00 mm



116126 Alternator 14 V, 65 Amp
 Replacing: 63324294, 54208288
 Servicing: Case, Mc Cormick
 Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 36.00 B: 11.00 C: 83.00 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 943356274, 63300931, 63300921, 63300920, 63300901, 63300900, 63300802, 63300521, 30680274
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm

NEW PRODUCT
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116219* Alternator 14 V, 100 Amp
 Replacing: 63377572
 Pulley SP/FW, Fan IF

NEW PRODUCT
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116331 Alternator 14 V, 55 Amp
 Replacing: 63395575, 63321409, 63321191, 63321120, 63321112, 63321103, 63321028, 63321011, 63320125, 63320053
 Servicing: Fiat, Lancia
 Grooves 1, Length 162.00, Pulley P, Fan EF
 Alternative no.: 112719
 A: 46.00 B: 17.00 C: 66.00 mm



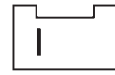
116357* Alternator 14 V, 80 Amp
 Replacing: 63377566
 Servicing: Citroen, Peugeot
 Grooves 6, Length 178.00, Pulley SP/FW, Fan IF
 Alternative no.: 115546
 A: 42.40 B: 21.00 C: 45.80 mm



110163 Alternator 28 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 443113516866
 Servicing: Renault V.I.
 Terminal W, Grooves 2, Length 172.50,
 Pulley DP, Fan EF
 A: 48.75 B: 27.25 C: 67.50 mm



110641 Alternator 14 V, 33 Amp
 Replacing: 9515311, 9515310
 Servicing: Bosch, BPM, Case, Claas,
 Deutz-Fahr, Fahr, Fendt, Goldoni, Kramer,
 Lamborghini, Liebherr, Linde
 Terminal W, Grooves 1, Length 162.00,
 Pulley P, Fan EF
 A: 76.50 B: 56.00 mm



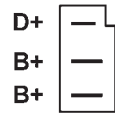
111076 Alternator 14 V, 50 Amp
 Replacing: 9515404, 443113516404,
 443113515415, 443113515414
 Servicing: Citroen, Opel, Peugeot, Talbot
 Grooves 4, Length 163.50, Pulley SP,
 Fan EF
 A: 46.35 B: 26.80 C: 66.00 mm



110542 Alternator 14 V, 55 Amp
 Manufacturer: Magneton
 Replacing: 9516061, 9516060, 9516051,
 9516050, 443113516184, 443113516181,
 443113516121, 443113516120
 Servicing: Skoda
 Grooves 1, Length 165.00, Pulley P, Fan EF
 A: 79.00 B: 50.00 mm



110881 Alternator 14 V, 55 Amp
 Replacing: 8515220
 Servicing: Deutz-Fahr, Fendt, Kramer,
 Marshall, Volvo
 Terminal W, Grooves 2, Length 170.00,
 Pulley DP, Fan EF
 A: 88.00 B: 56.00 mm



111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9516721, 9516720, 9515491
 Servicing: Austin, Ford, Mercury, MG, Rover,
 Suzuki
 Grooves 1, Length 170.00, Pulley P,
 Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm



110621 Alternator 14 V, 55 Amp
 Manufacturer: Magneton
 Replacing: 9516653, 9516650, 443113516653,
 443113516650, 334113516653
 Servicing: Chang Feng (Liebao), Zetor, ZTS Tees
 Length 170.00, Pulley w/o, Fan w/o
 B: 27.00 C: 65.85 mm



111009 Alternator 28 V, 35 Amp
 Manufacturer: Magneton
 Replacing: 9515836, 443113516846,
 443113516842, 443113516836
 Servicing: Porsche, Tatra
 Terminal W, Grooves 1, Length 174.00,
 Pulley P, Fan EF
 A: 51.70 B: 27.25 C: 66.00 mm



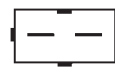
111168 Alternator 14 V, 55 Amp
 Replacing: 9516761, 9516760, 9516716,
 443113516761
 Servicing: Ferrari, Opel, Vauxhall
 Terminal W, Grooves 1, Length 170.00,
 Pulley P, Fan EF
 A: 84.00 B: 56.00 mm



110622 Alternator 14 V, 70 Amp
 Replacing: 9516661, 9516660, 443115901010,
 443113516752, 443113516751, 443113516750,
 443113516662
 Servicing: Skoda
 Length 164.00, Pulley w/o, Fan w/o
 B: 27.25 C: 66.00 mm



111035 Alternator 14 V, 65 Amp
 Replacing: 9516714
 Servicing: Audi, Autobianchi, Case, Fiat,
 Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm

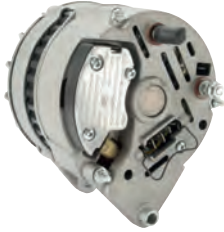
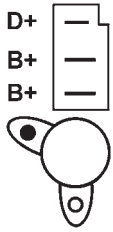


111216 Alternator 14 V, 37 Amp
 Replacing: 9515090, 9514096, 9514090
 Servicing: Thermo King
 Terminal W, Length 176.00, Pulley w/o,
 Fan EF
 B: 51.00 mm

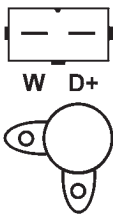
ALTERNATORS

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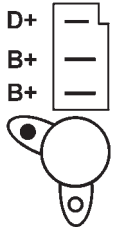
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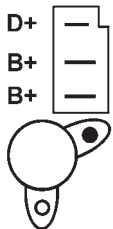
111289 Alternator 14 V, 70 Amp
 Replacing: 9516742, 9516740, 9516709, 9515734
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



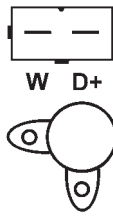
111353 Alternator 14 V, 70 Amp
 Replacing: 9517162
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



111362 Alternator 14 V, 55 Amp
 Replacing: 443113516701, 443113516700
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra
 Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF
 A: 34.50 B: 11.00 C: 81.00 mm



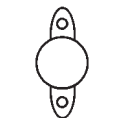
111368 Alternator 14 V, 70 Amp
 Replacing: 443113516741
 Servicing: Ford
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 34.90 B: 12.00 C: 82.60 mm



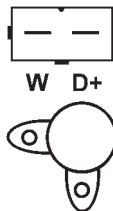
111477 Alternator 14 V, 90 Amp
 Replacing: 9517185, 9517182
 Servicing: Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 40.00 B: 13.50 C: 59.00 mm



111662 Alternator 14 V, 33 Amp
 Replacing: 9513053
 Servicing: Agrifull, Arona, Case, Ferrari, Galdoni, Lombardini
 Terminal W, Length 156.00, Pulley w/o, Fan EF
 Alternative no.: 116131
 B: 56.00 mm



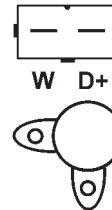
111686 Alternator 14 V, 65 Amp
 Replacing: 9515080
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



111820 Alternator 14 V, 90 Amp
 Replacing: 9517183, 9517181
 Servicing: Audi, Skoda, VW
 Terminal W, Grooves 6, Length 185.40, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 59.00 mm



111843 Alternator 14 V, 95 Amp
 Replacing: 9515180, 9513160
 Servicing: Case, John Deere, Scania
 Terminal W, Length 174.00, Pulley w/o, Fan w/o
 B- M8.
 B: 51.00 mm



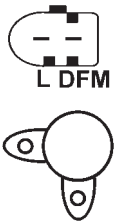
111884 Alternator 14 V, 90 Amp
 Replacing: 9517482
 Servicing: Seat, VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.50 mm



111888 Alternator 14 V, 65 Amp
 Replacing: 9515170
 Servicing: Case, John Deere
 Terminal W, Grooves 8, Length 192.00, Pulley SP, Fan EF
 A: 81.00 B: 50.60 mm



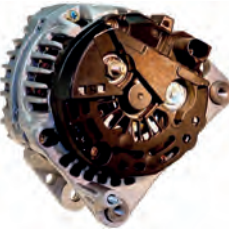
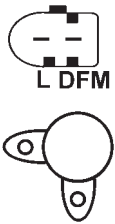
111899 Alternator 14 V, 90 Amp
 Replacing: 9517189
 Servicing: VW
 Terminal W, Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



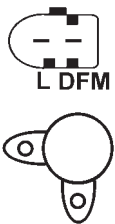
111989 Alternator 14 V, 90 Amp
 Replacing: 9517213
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.50, Pulley SP, Fan IF
 Alternative no.: 115482
 A: 39.60 B: 14.00 C: 61.00 mm



112035 Alternator 14 V, 70 Amp
 Manufacturer: Magneton
 Replacing: 9516673, 443113516673, 443113516670
 Servicing: Zetor
 Terminal W, Length 172.00, Pulley w/o, Fan EF
 Shaft dia. = 20.00 mm.
 B: 27.10 C: 66.00 mm



112043 Alternator 14 V, 90 Amp
 Replacing: 9517219
 Servicing: VW
 Terminal DF, Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



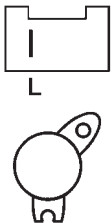
112075 Alternator 14 V, 70 Amp
 Replacing: 9517103, 443113517103
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 60.75 mm



112079 Alternator 14 V, 90 Amp
 Replacing: 9517483, 9517413
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm



112098 Alternator 14 V, 65 Amp
 Replacing: 9516693, 9515010, 9513031, 443113516693, 443113516690
 Servicing: Case, Claas, Eicher, Iveco, Lamborghini, Mercedes-Benz, NSU, Steyr, Zetor
 Terminal W, Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 80.50 B: 56.00 mm



112162 Alternator 14 V, 70 Amp
 Replacing: 9515415, 9515414, 443113516414, 334113516414
 Servicing: Citroen, Peugeot
 Grooves 4, Length 158.00, Pulley SP, Fan EF
 A: 45.50 B: 27.00 C: 66.00 mm



112238 Alternator 14 V, 65 Amp
 Replacing: 9515040
 Servicing: Austin, DAF, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 36.00 B: 11.50 C: 81.70 mm



112274 Alternator 14 V, 90 Amp
 Replacing: 9517212
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 39.50 B: 14.10 C: 61.40 mm



112387[#] Alternator 14 V, 90 Amp
 Replacing: 9516591, 9516590, 443113516591
 Servicing: Skoda
 Terminal W, Grooves 6, Length 179.00, Pulley SP, Fan EF
 A: 32.50 B: 14.00 C: 66.00 mm



112419 Alternator 14 V, 70 Amp
 Replacing: 9517241
 Servicing: Seat, Skoda
 Grooves 5, Length 177.00, Pulley SP, Fan IF
 A: 35.00 B: 14.00 C: 81.60 mm



112556 Alternator 14 V, 95 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9515713
 Servicing: Same, Valtra
 Terminal W, Length 190.50, Pulley w/o, Fan IF
 Dust proof.
 Alternative no.: 116454
 B: 56.00 mm



112736 Alternator 14 V, 65 Amp
 Replacing: 9515230
 Servicing: Deutz-Fahr, Fahr, Iveco
 Terminal W, Grooves 1, Length 166.00,
 Pulley P, Fan EF
 A: 76.50 B: 56.10 mm



113552 Alternator 14 V, 120 Amp
 Replacing: 9515122, 9515112
 Servicing: Case
 Terminal W, Grooves 2, Length 198.00,
 Pulley DP, Fan EF
 A: 77.00 B: 50.80 mm



113340 Alternator 14 V, 70 Amp
 Replacing: 9517403
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.50, Pulley SP/
 FW, Fan IF
 A: 39.00 B: 14.00 C: 62.00 mm



113632 Alternator 14 V, 85 Amp
 Replacing: 9515361, 9515102, 9513170,
 9513071
 Servicing: John Deere, Lada
 Terminal W, Length 170.00, Pulley w/o,
 Fan w/o
 B: 56.10 mm



113542 Alternator 14 V, 55 Amp
 Manufacturer: Magneton
 Replacing: 9516765, 9515765, 443113515765
 Servicing: John Deere
 Terminal W, Grooves 1, Length 171.00,
 Pulley P, Fan EF
 A: 84.00 B: 56.00 mm



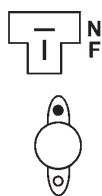
113716 Alternator 14 V, 120 Amp
 Replacing: 9514696, 9514593, 9514590,
 9514566, 95124596
 Servicing: Thermo King, Yanmar
 Terminal W, Length 167.50, Pulley w/o,
 Fan EF
 B: 51.00 mm



113543 Alternator 14 V, 55 Amp
 Replacing: 9516241, 9515241, 443113516241,
 443113515241
 Servicing: John Deere
 Terminal W, Grooves 8, Length 190.00,
 Pulley SP, Fan EF
 A: 78.40 B: 50.75 mm



116131 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 9513053
 Servicing: Agrifull, Arona, Case, Ferrari,
 Goldoni, Lombardini
 Grooves 1, Length 164.00, Pulley P,
 Fan EF
 Alternative no.: 111662
 A: 79.80 B: 56.00 mm


110128 Alternator 14 V, 35 Amp

Replacing: AH2035N1, AG2035A2, AG2035A, AG2030A, AG2025A, A1T24471, A1T22581, A1T21171, A1T20271, A001T24471

Servicing: Chevrolet, Komatsu, Nissan, Subaru, TCM

 Grooves 1, Length 161.00, Pulley P, Fan EF
 A: 42.00 B: 13.00 C: 80.50 mm

110133 Alternator 14 V, 35 Amp

Replacing: AH2040H4, AH2040H1, AH2040H, AH2035Z5, AH2035Z1, AH2035T9, AH2035T8, AH2035T4, AH2035T3, AH2035T2

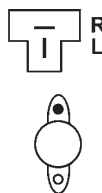
Servicing: Mazda

Grooves 1, Length 155.00, Pulley P, Fan EF

Regulator: HC-CARGO 130615, 6 pins.

Regulator: HC-CARGO 130616, 6+1 pins.

A: 42.00 B: 12.50 C: 80.50 mm

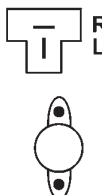

110134 Alternator 14 V, 55 Amp

Replacing: A5T20387, A5T20377, A2T23477, A2T23474, A2T21278, A005T20387, A005T20377, A002T23477, A002T23474

Servicing: Mazda

Grooves 1, Length 171.50, Pulley P, Fan EF

A: 41.00 B: 12.50 C: 80.50 mm

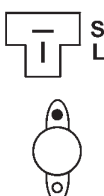

110136 Alternator 14 V, 50 Amp

Replacing: A5T30171, A5T21472, A5T21471, A3T21474, A2T26172, A2T26072, A2T25171, A2T25081, A2T25071

Servicing: Ford, Mazda

Terminal W, Grooves 1, Length 170.50, Pulley P, Fan EF

A: 42.00 B: 13.00 C: 80.00 mm

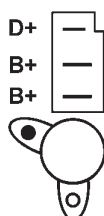

110168 Alternator 14 V, 50 Amp

Replacing: AQ2250D32, AQ2250C2, AQ2050N12, AQ2050A24, A5T21871, A5T20972, A5T20872, A5T20871, A5T20374

Servicing: Nissan

Grooves 1, Length 171.00, Pulley P, Fan EF

A: 42.50 B: 13.00 C: 81.00 mm


110178 Alternator 14 V, 36 Amp

Manufacturer: Lucas

Replacing: AH2140B14

Servicing: Austin, Bedford, Case, Ford, Jensen, Land Rover, Lotus, Massey Ferguson, MG, Morris, New Holland, Plymouth, Rover

Length 164.00, Pulley w/o, Fan EF

For pulley w/ 17.00 mm bore use bushing:

HC-CARGO 134894.

B: 10.00 C: 87.00 mm


110264 Alternator 14 V, 40 Amp

Replacing: A1T32471, A1T24571, A1T24371, A1T22975, A1T22971, A1T22071, A1T02871, A001T32471, A001T24571

Servicing: Nissan

Grooves 1, Length 159.00, Pulley P, Fan EF

A: 41.50 B: 13.20 C: 80.20 mm

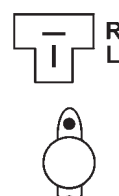

110307 Alternator 14 V, 60 Amp

Replacing: AQ2060B3, A3T40472, A3T34872, A3T33272, A3T32272, A3T02972, A2T40972, A2T40971, A2T14472

Servicing: Mazda, Nissan

Grooves 1, Length 166.20, Pulley P, Fan EF

A: 42.50 B: 13.10 C: 80.40 mm

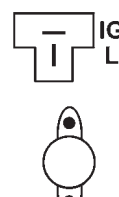

110318 Alternator 14 V, 50 Amp

Replacing: MD064068, MD064067, MD064066, MD061151, MD061150, MD041701, MD041700, MD027661, MD025679, MD022579

Servicing: Dodge, Mazda, Mitsubishi, Plymouth

Grooves 1, Length 170.90, Pulley P, Fan EF

A: 42.00 B: 12.50 C: 55.00 mm


110385 Alternator 14 V, 40 Amp

Replacing: A1T33771, A001T33771

Servicing: Bedford, Subaru, Suzuki

Grooves 1, Length 144.00, Pulley P, Fan EF

A: 41.00 B: 15.00 C: 66.00 mm

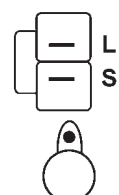

110448 Alternator 28 V, 20 Amp

Replacing: A1T70783, A001T70783

Servicing: Mitsubishi, Various Agriculture Vehicles

Terminal W, Grooves 1, Length 165.00, Pulley P, Fan EF

A: 44.50 B: 13.50 C: 81.30 mm


110631 Alternator 14 V, 70 Amp

Replacing: A5T04492B, A5T04492A, A5T04392B, A5T04392A, A5T04392, A5T03192, A5T03092, A005T04492B, A005T04492A

Servicing: Nissan

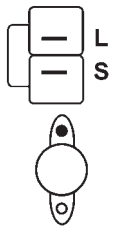
Grooves 4, Pulley SP, Fan IF

A: 38.00 B: 24.85 C: 82.20 mm

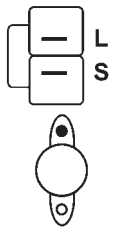
ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

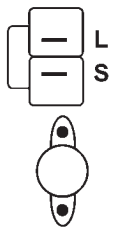
* Available while stock last, * Program development.



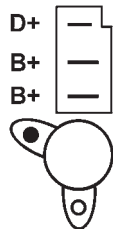
110632 Alternator 14 V, 65 Amp
 Replacing: A5T00192, A005T00192
 Servicing: Nissan
 Grooves 4, Length 161.00, Pulley SP, Fan IF
 A: 38.00 B: 25.00 C: 81.00 mm



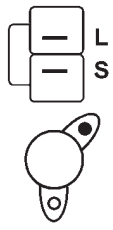
110659 Alternator 14 V, 75 Amp
 Replacing: MD309333, MD114620, MD012085, A5T05091, A2T09493, A2T09292, A005T05091, A002T09493
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 156.30, Pulley SP, Fan IF
 A: 38.15 B: 13.00 C: 55.00 mm



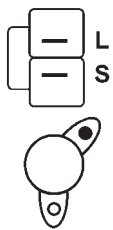
110664 Alternator 14 V, 70 Amp
 Replacing: A2T20191ZC, A2T20191, A2T19991A, A2T19991, A2T06092, A2T05893ZC, A2T05893, A2T05892ZC, A2T05892C
 Servicing: Ford, Mazda
 Terminal W, Grooves 3, Length 161.50, Pulley SP, Fan IF
 A: 44.50 B: 13.10 C: 66.30 mm



110759 Alternator 14 V, 35 Amp
 Replacing: AQ2140C4, AQ2140C, AH2040C
 Servicing: Austin, Ford, Mercury
 Length 160.00, Pulley P, Fan EF
 B: 10.50 C: 79.00 mm



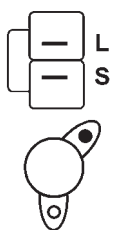
110802 Alternator 14 V, 75 Amp
 Replacing: MD169683, MD139839, MD136839, MD136838, MD133513, MD133171, MD130329, A3T03493ZC, A3T03493
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 159.50, Pulley SP, Fan IF
 A: 35.00 B: 13.25 C: 77.60 mm



110804 Alternator 14 V, 90 Amp
 Replacing: MD153843, MD149750, MD140750, A3T45694, A3T45693ZC, A3T45693, A3T45691, A003T45694, A003T45693ZC
 Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 35.00 B: 13.40 C: 77.40 mm



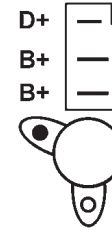
110805 Alternator 14 V, 45 Amp
 Replacing: MD304139, MD096859, MD095741, MD086016, MD086015, MD070310, MD069859, MD068565, MD067411, MD060793
 Servicing: Dodge, Mazda, Mitsubishi, Plymouth
 Grooves 1, Length 221.50, Pulley P, Fan EF
 A: 45.30 B: 13.10 C: 54.20 mm



110806 Alternator 14 V, 65 Amp
 Replacing: MD124233, MD106320, MD106319, MD103564, MD103373, A2T10083, A2T01783, A2T01686, A2T01683, A2T01583
 Servicing: Mitsubishi
 Grooves 1, Length 223.50, Pulley P, Fan EF
 A: 44.40 B: 12.80 C: 56.30 mm



110927 Alternator 14 V, 55 Amp
 Replacing: A1T41291, A1T40191, A1T01591, A001T41291, A001T40191, A001T01591
 Servicing: Honda, Rover
 Grooves 3, Length 153.00, Pulley SP, Fan IF
 A: 90.45 B: 57.90 mm



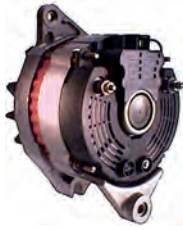
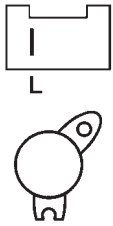
110968 Alternator 14 V, 70 Amp
 Replacing: AH2040C4
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P, Fan EF
Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 11.00 C: 82.00 mm



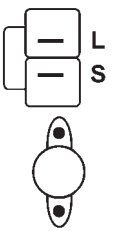
111035 Alternator 14 V, 65 Amp
 Replacing: A2T32171, A002T32171
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm



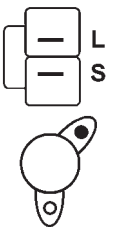
111042 Alternator 14 V, 35 Amp
 Replacing: MD017645, MD017635, AH2035M4, AH2035M, AH2025M4, A1T22074, A1T11574, A001T22074, A001T11574
 Servicing: Iseki, Mitsubishi
 Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 42.00 B: 13.00 C: 65.00 mm



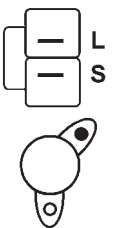
111076 Alternator 14 V, 50 Amp
 Replacing: A2T27091G, A2T27091F, A2T27091E, A2T27091D, A2T27091C, A2T27091A, A2T27091, A2T26391G, A2T26391
 Servicing: Citroen, Opel, Peugeot, Talbot
 Grooves 4, Length 163.50, Pulley SP, Fan EF
 A: 46.35 B: 26.80 C: 66.00 mm



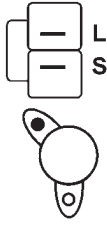
111237 Alternator 14 V, 70 Amp
 Replacing: A2T33991A, A2T33991, A002T33991A, A002T33991
 Servicing: Kia, Mazda
 Grooves 4, Length 156.25, Pulley SP, Fan IF
 A: 37.75 B: 13.00 C: 66.55 mm



111238 Alternator 14 V, 75 Amp
 Replacing: MD160671, A3T08183, A003T08183
 Servicing: Mitsubishi
 Grooves 1, Length 222.65, Pulley P, Fan IF
 A: 45.20 B: 12.80 C: 55.10 mm



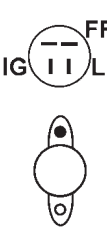
111240 Alternator 14 V, 50 Amp
 Replacing: MD124234, MD112318, MD106332, MD103372, A2T09884, A2T06384, A2T02084, A2T01384, A002T09884
 Servicing: Mitsubishi
 Grooves 1, Length 219.30, Pulley P, Fan EF
 A: 44.70 B: 13.15 C: 54.55 mm



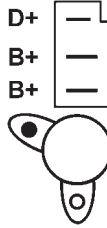
111264 Alternator 14 V, 80 Amp
 Replacing: A2T35792A, A2T35791A, A2T35791, A2T34692B, A2T34692A, A2T13894, A002T35791A, A002T35791
 Servicing: Infiniti, Nissan
 Grooves 6, Length 159.00, Pulley SP, Fan IF
 A: 37.85 B: 25.45 C: 81.15 mm



111279 Alternator 14 V, 50 Amp
 Replacing: A7T02591, A7T02491B, A7T02491A, A7T02491, A7T01991, A7T00598, A7T00591, A7T00191, A5TA0791ZC
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 37.50 B: 14.00 C: 66.00 mm



111285 Alternator 14 V, 70 Amp
 Replacing: A7T04072, A5T06491ZC, A5T06491, A5T06391ZC, A5T06391, A5T06291, A5T04292ZC, A5T04292, A5T04092
 Servicing: Honda
 Grooves 4, Length 150.00, Pulley SP, Fan IF
 A: 90.00 B: 57.80 mm



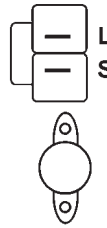
111289 Alternator 14 V, 70 Amp
 Replacing: A5T31774, A5T31773, A5T31772, A5T31372, A005T31774, A005T31773, A005T31772, A005T31372
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



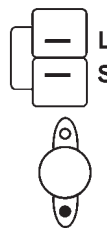
111293 Alternator 14 V, 70 Amp
 Replacing: A2TA2392, A2T28792, A2T14591, A002TA2392, A002T28792, A002T14591
 Servicing: Ford
 Grooves 6, Length 172.00, Pulley SP, Fan IF
 A: 33.00 B: 14.00 C: 80.00 mm



111309 Alternator 14 V, 75 Amp
 Replacing: A2T39991A, A2T39991
 Servicing: Hyundai, Proton
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 36.20 B: 13.15 C: 56.00 mm



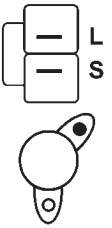
111315 Alternator 14 V, 90 Amp
 Replacing: A3T08491ZC, A3T08491C, A3T08491A, A3T08491, A003T08491ZC, A003T08491C, A003T08491A, A003T08491
 Servicing: Ford, Mazda
 Grooves 5, Length 155.50, Pulley SP, Fan IF
 A: 37.65 B: 13.20 C: 66.45 mm



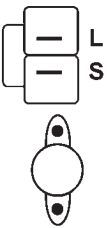
111317 Alternator 14 V, 80 Amp
 Replacing: A2T33191ZC, A2T33191A, A2T33191, A002T33191ZC, A002T33191A, A002T33191
 Servicing: Ford, Kia, Mazda
 Grooves 4, Length 164.00, Pulley SP, Fan IF
 A: 38.50 B: 13.20 C: 66.80 mm



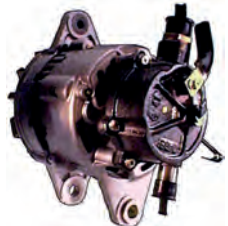
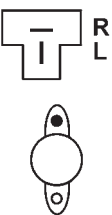
111318 Alternator 14 V, 80 Amp
 Replacing: A2TA1991F, A2TA1991D, A2TA1991, A002TA1991F, A002TA1991D, A002TA1991
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 92.35 B: 56.00 mm



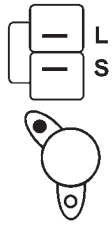
111339 Alternator 14 V, 65 Amp
 Replacing: MD147245, MD140189, A2T27883, A2T17783, A002T27883, A002T17783
 Servicing: Mitsubishi
 Grooves 1, Length 275.00, Pulley P, Fan EF
 A: 44.50 B: 13.00 C: 54.00 mm



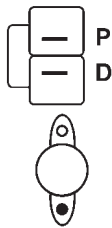
111342 Alternator 14 V, 60 Amp
 Replacing: A5T03777, A5T03677A, A5T03677, A5T01977, A5T01577, A005T03777, A005T03677A, A005T03677, A005T01977
 Servicing: Mazda
 Grooves 1, Length 156.00, Pulley P, Fan IF
 A: 43.00 B: 13.00 C: 66.00 mm



111344 Alternator 28 V, 25 Amp
 Replacing: ME017561, ME017560, ME017550, ME017509, ME007578, A5T70283, A5T70270, A5T70183, A5T70178, A2T71583
 Servicing: Mitsubishi
 Grooves 1, Length 243.50, Pulley P, Fan EF
 A: 45.25 B: 12.55 C: 80.20 mm



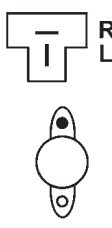
111375 Alternator 14 V, 75 Amp
 Replacing: PW536097, MD361621, MD354797, MD317401, MD309845, MD193323, MD191402, MD189659, MD189658, A2TA3491
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Proton
 Grooves 4, Length 164.00, Pulley SP, Fan IF
 A: 36.85 B: 13.00 C: 55.30 mm



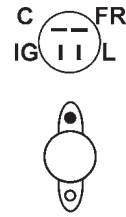
111384 Alternator 14 V, 70 Amp
 Replacing: A2TB6192, A2TB6191, A2TB2391, A2TB0091B, A2TB0091A, A2TB0091, A002TB6192, A002TB6191, A002TB2391
 Servicing: Kia, Mazda
 Grooves 4, Length 172.00, Pulley SP, Fan IF
 ECU controlled.
 A: 37.65 B: 13.15 C: 67.35 mm



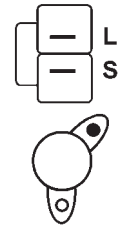
111406 Alternator 14 V, 110 Amp
 Replacing: MD324755, MD324754, MD197470, MD150657, A4T03191, A4T01493, A3T12491, A3T12291A, A3T12291, A2T01493
 Servicing: Dodge, Hyundai, Mitsubishi
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 23.50 B: 17.25 C: 55.40 mm



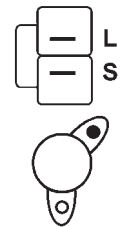
111495 Alternator 14 V, 40 Amp
 Replacing: A7T03277A, A7T03277, A007T03277A, A007T03277
 Servicing: Hyster, Mitsubishi, Sumitomo, Yale
 Terminal W, Grooves 1, Length 161.00, Pulley P, Fan IF
 A: 42.00 B: 13.00 C: 81.50 mm



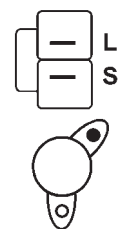
111578 Alternator 14 V, 60 Amp
 Replacing: A1T04991, A1T04892ZC, A1T04892, A1T02292ZC, A1T02292, A1T02291, A001T04991, A001T04892ZC
 Servicing: Honda, Rover
 Grooves 3, Length 153.00, Pulley SP, Fan IF
 A: 89.50 B: 58.25 mm



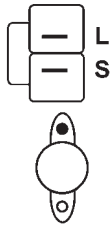
111587 Alternator 14 V, 75 Amp
 Replacing: MD344963, MD309844, MD309843, MD192136, MD192134, A3T11278A, A3T11278, A2TN2476A, A2TN2476
 Servicing: Mitsubishi
 Grooves 1, Length 217.00, Pulley P, Fan IF
 A: 51.00 B: 13.00 C: 55.00 mm



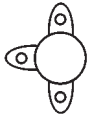
111594 Alternator 14 V, 75 Amp
 Replacing: MN137867, MD366050, MD306649, A2TN0499AT, A2T82899ZT, A2T82899AT, A2T82899A, A2T82899, A002TN0499AT
 Servicing: Mitsubishi
 Grooves 2, Length 227.00, Pulley DP, Fan IF
 A: 42.50 B: 13.00 C: 55.00 mm



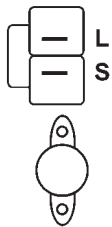
111626 Alternator 14 V, 90 Amp
 Replacing: ME202755, ME201837, ME201745, ME200695, MD200695, A3TB1399, A3TA3098A, A3TA3098, A3T09198
 Servicing: Mitsubishi
 Grooves 2, Length 178.00, Pulley DP, Fan IF
 A: 42.00 B: 13.20 C: 54.60 mm



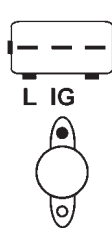
111704 Alternator 14 V, 70 Amp
 Replacing: A5T06891D, A5T06891C, A5T06891B, A5T06891A, A5T06891, A005T06891D, A005T06891C, A005T06891B
 Servicing: Nissan
 Grooves 4, Length 175.00, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 81.00 mm



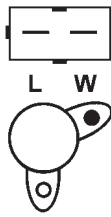
111720 Alternator 28 V, 90 Amp
 Replacing: A004TR5191ZT
 Servicing: Scania
 Terminal W, Length 175.50, Pulley w/o, Fan w/o
 B: 22.70 C: 68.70 mm



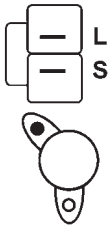
111747 Alternator 14 V, 70 Amp
 Replacing: A3T03099, A003T03099
 Servicing: Nissan
 Grooves 2, Length 242.00, Pulley DP, Fan IF
 A: 41.50 B: 13.00 C: 80.00 mm



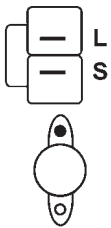
111779 Alternator 14 V, 70 Amp
 Replacing: A5TA6891A, A5TA6891, A5TA6191ZE, A5TA6191ZC, A5TA6191, A005TA6891A, A005TA6891, A005TA6191ZE
 Servicing: Suzuki
 Grooves 4, Length 159.50, Pulley SP, Fan IF
 A: 90.50 B: 58.00 mm



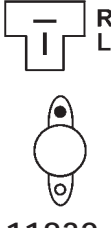
111797 Alternator 14 V, 95 Amp
 Replacing: A3TN1791, A003TN1791
 Servicing: Ford
 Terminal W, Grooves 4, Length 243.00, Pulley SP, Fan IF
 A: 34.00 B: 13.30 C: 81.00 mm



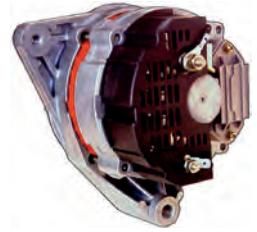
111806 Alternator 14 V, 90 Amp
 Replacing: MD350608, MD313395, A3TA0791A, A3TA0791, A003TA0791A, A003TA0791
 Servicing: Mitsubishi
 Grooves 5, Length 168.00, Pulley SP, Fan IF
 A: 25.00 B: 17.00 C: 54.80 mm



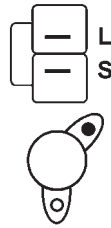
111807 Alternator 14 V, 70 Amp
 Replacing: A2TA5891, A2TA3991, A2TA1191, A2T83491A, A2T83491, A2T80391, A2T39391A, A2T39391, A002TA5891
 Servicing: Kia, Mazda
 Grooves 4, Length 158.00, Pulley SP, Fan IF
 A: 38.00 B: 13.50 C: 66.50 mm



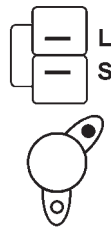
111832 Alternator 14 V, 40 Amp
 Replacing: MM438844, MM435752, MM435081, MM432804, A0T25373, A0T25371, A0T25271, A0T25171, A000T25373
 Servicing: Mitsubishi
 Terminal W, Grooves 1, Length 154.50, Pulley P, Fan IF
 A: 42.00 B: 16.75 C: 41.00 mm



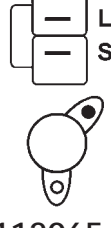
111841 Alternator 14 V, 50 Amp
 Replacing: A1T02674D, A1T02674, A001T02674D, A001T02674
 Servicing: Citroen, Peugeot
 Grooves 1, Length 167.00, Pulley P, Fan EF
 A: 95.50 B: 56.00 mm



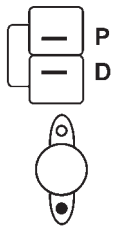
111872 Alternator 14 V, 65 Amp
 Replacing: MD313939, MD306648, MD304129, A2TN0499ZT, A2TN0499, A2TN0399, A2T81499, A002TN0499ZT, A002TN0499
 Servicing: Mitsubishi
 Grooves 2, Length 226.00, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 55.00 mm



111956 Alternator 14 V, 75 Amp
 Replacing: ME202971, ME201838, ME200698, ME200696, A3TB1299, A3T09699, A3T09698, A3T09199, A3T08699
 Servicing: Mitsubishi
 Grooves 2, Length 167.00, Pulley DP, Fan IF
 A: 41.00 B: 13.00 C: 55.00 mm

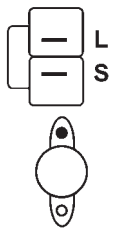


112065 Alternator 14 V, 65 Amp
 Replacing: MD334546, MD332546, MD314235, A2TN1299ZT, A2TN1299, A2TN0299, A002TN1299ZT, A002TN1299, A002TN0299
 Servicing: Mitsubishi
 Grooves 2, Length 232.50, Pulley DP, Fan IF
 A: 56.00 B: 13.00 C: 54.50 mm



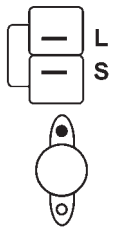
112067 Alternator 14 V, 80 Amp

Replacing: A2TB7791, A2TB0191BD, A2TB0191B, A2TB0191A, A2TB0191, A002TB7791, A002TB0191B, A002TB0191A
 Servicing: Mazda
 Grooves 4, Length 163.00, Pulley SP, Fan IF
 A: 39.00 B: 13.50 C: 67.00 mm



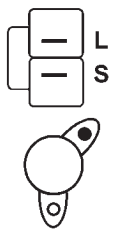
112068 Alternator 14 V, 35 Amp

Replacing: A7T03371A, A7T03371, A007T03371A, A007T03371
 Servicing: Nissan, TCM
 Grooves 1, Length 163.50, Pulley P, Fan IF
 A: 42.00 B: 13.00 C: 81.25 mm



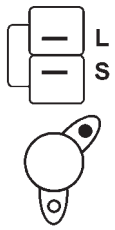
112069 Alternator 14 V, 50 Amp

Replacing: A7TA3377, A7TA3371, A7T03771A, A7T03771, A007TA3377, A007TA3371, A007T03771A, A007T03771
 Servicing: Nissan
 Grooves 1, Length 162.00, Pulley P, Fan IF
 A: 42.00 B: 13.10 C: 81.60 mm



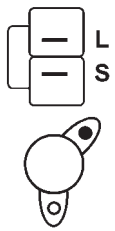
112128 Alternator 14 V, 75 Amp

Replacing: MD366051, MD327514, MD313942, MD313940, MD306834, A3TN0499, A3TN0399, A3T15099, A2TN1199ZT
 Servicing: Mitsubishi
 Grooves 2, Length 226.00, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 55.10 mm



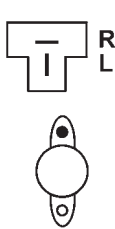
112129 Alternator 14 V, 90 Amp

Replacing: MD339609, MD162964, A3T07483, A003T07483
 Servicing: Mitsubishi
 Grooves 1, Length 239.00, Pulley P, Fan IF
 A: 45.65 B: 13.00 C: 55.00 mm



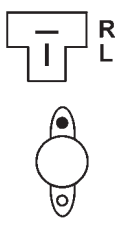
112205 Alternator 14 V, 90 Amp

Replacing: MN137866, MD335227, MD334176, MD320354, A3TN1199, A3TN0899, A3TN0699A, A3TN0699, A003TN1199
 Servicing: Hyundai, Mitsubishi
 Grooves 2, Length 251.00, Pulley DP, Fan IF
 A: 42.00 B: 13.10 C: 54.90 mm



112210 Alternator 28 V, 30 Amp

Replacing: ME017562, A2T72383, A002T72383
 Servicing: Mitsubishi
 Grooves 1, Length 229.50, Pulley P, Fan IF
 A: 44.00 B: 13.30 C: 80.90 mm



112270 Alternator 14 V, 35 Amp

Replacing: A1T33277, A1T31699, A1T31685, A1T31377, A1T31374, A1T25097, A1T25087, A1T25083, A1T25077, A1T23377
 Servicing: Mazda
 Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 41.85 B: 13.50 C: 81.65 mm



112298 Alternator 14 V, 80 Amp

Replacing: A2TA0291F, A2TA0291D, A2TA0291C, A2TA0291B, A2TA0291, A2T37691A, A2T37691, A002TA0291F, A002TA0291D
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 179.00, Pulley SP, Fan IF
 A: 42.00 B: 26.10 C: 66.70 mm



112299 Alternator 14 V, 95 Amp

Replacing: A4T02891B, A4T02891A, A4T02891, A3TA0591F, A3TA0591E, A3TA0591D, A3TA0591C, A3TA0591, A3TA0291A
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 43.00 B: 27.00 C: 67.00 mm



112325 Alternator 14 V, 70 Amp

Replacing: A2TA2292, A2T14592, A002TA2292, A002T14592
 Servicing: Ford
 Terminal W, Grooves 5, Length 170.00, Pulley SP, Fan IF
 D+ may be w/ M4.
 A: 33.00 B: 14.20 C: 75.50 mm

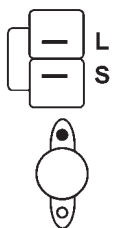


112327 Alternator 14 V, 100 Amp

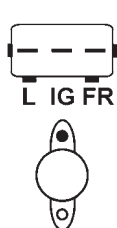
Replacing: MD374904, MD360635, MD358607, MD358421, MD343416, A3TB4191, A3TB0291, A3TA7791, A3TA5492, A3TA5491
 Servicing: Hyundai, Kia, Mitsubishi, Volvo
 Grooves 4, Length 179.00, Pulley SP, Fan IF
 A: 38.45 B: 13.00 C: 66.50 mm



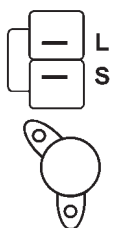
112328 Alternator 14 V, 85 Amp
 Replacing: MD368519, MD343562, MD317862, MD317860, A2TB5791ZC, A2TB0892, A2TA5391ZT, A2TA5391, A2TA4991
 Servicing: Mitsubishi
 Grooves 4, Length 170.00, Pulley SP, Fan IF
 A: 38.00 B: 13.10 C: 66.50 mm



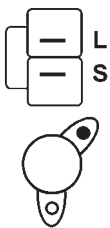
112332 Alternator 14 V, 70 Amp
 Replacing: A2T82378, A002T82378
 Servicing: Suzuki
 Grooves 1, Length 238.00, Pulley P, Fan IF
 A: 50.00 B: 13.00 C: 80.70 mm



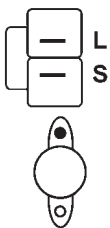
112349 Alternator 14 V, 70 Amp
 Replacing: A5TA5591, A5TA4791, A5TA1091ZC, A5TA1091, A005TA5591, A005TA4791, A005TA1091ZC, A005TA1091
 Servicing: Honda
 Grooves 4, Length 155.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



112352 Alternator 14 V, 70 Amp
 Replacing: A2TC1479ZT, A2TA6099AT, A2TA6099A, A2TA6099, A002TC1479ZT, A002TA6099AT, A002TA6099A, A002TA6099
 Servicing: Ford, Mazda
 Grooves 2, Length 179.00, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 65.00 mm



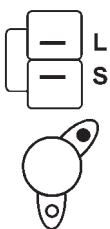
112355 Alternator 14 V, 80 Amp
 Replacing: MD366052, MD340419, A2TN1798ZT, A2TN1798AT, A2TN1798A, A2TN1798, A002TN1798ZT, A002TN1798AT
 Servicing: Mitsubishi
 Grooves 2, Length 224.00, Pulley DP, Fan IF
 A: 42.00 B: 13.10 C: 54.00 mm



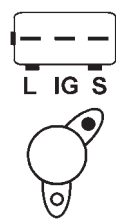
112359 Alternator 14 V, 100 Amp
 Replacing: A3TA4399, A003TA4399
 Servicing: Nissan
 Grooves 2, Length 177.00, Pulley DP, Fan IF
 A: 41.50 B: 12.90 C: 80.30 mm



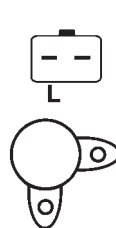
112362 Alternator 14 V, 100 Amp
 Replacing: MD350609, MD317119, MD303481, A3TA1191A, A3TA1191, A3T14491, A003TA1191A, A003TA1191, A003T14491
 Servicing: Mitsubishi
 Grooves 5, Length 167.00, Pulley SP, Fan IF
 A: 24.50 B: 17.30 C: 55.40 mm



112418 Alternator 14 V, 90 Amp
 Replacing: MD357744, MD257744
 Servicing: Mitsubishi
 Grooves 5, Length 180.00, Pulley SP, Fan IF
 A: 38.00 B: 12.90 C: 66.40 mm



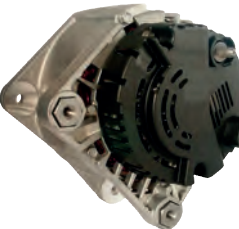
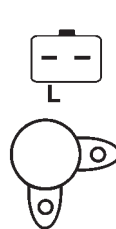
112427 Alternator 28 V, 90 Amp
 Replacing: A4TA8492, A4TA8292, A4TA8291, A4TA0592, A004TA8492, A004TA8292, A004TA8291, A004TA0592
 Servicing: Iveco
 Grooves 12, Length 198.00, Pulley SP, Fan IF
 Alternative no.: 115871 5★
 A: 90.00 B: 57.60 mm



112457 Alternator 14 V, 110 Amp
 Replacing: A2TV0981, A2TC0982, A2TC0981, A2TB6481, A002TV0981, A002TC0981, A002TB6481
 Servicing: Nissan, Renault
 Grooves 5, Length 164.50, Pulley SP/FW, Fan IF
 A: 42.00 B: 15.75 C: 61.00 mm



112460 Alternator 14 V, 150 Amp
 Replacing: A4TF0091B, A4TF0091A, A4TF0091, A004TF0091B, A004TF0091A
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.60 B: 22.00 C: 45.60 mm



112471 Alternator 14 V, 125 Amp
 Replacing: MW31216373, MW30638577
 Servicing: Mitsubishi, Nissan, Opel, Renault, Vauxhall, Volvo
 Grooves 6, Length 179.00, Pulley SP/FW, Fan IF
 A: 32.50 B: 13.50 C: 60.90 mm



112480 Alternator 14 V, 90 Amp
 Replacing: A2TB4891E, A2TB4891D, A2TB4891C, A2TB4891B, A2TB4891A, A2TB2291A, A002TB4891D, A002TB4891C
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm



R L



112492 Alternator 14 V, 50 Amp
 Replacing: A7T02077C, A7T02077A, A7T02077, A7T02071C, A7T02071A, A7T02071, A007T02077C, A007T02077A
 Servicing: Cub Cadet, Sole Diesel, Vetus
 Terminal W, Grooves 1, Length 157.00, Pulley P, Fan IF
 A: 43.50 B: 21.10 mm



R L



112559 Alternator 14 V, 50 Amp
 Replacing: A7TA1491, A007TA1491
 Servicing: Various Industrial applications
 Terminal W, Grooves 4, Length 165.00, Pulley SP, Fan IF
 A: 42.00 B: 21.00 mm



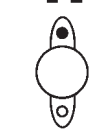
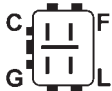
112688 Alternator 14 V, 95 Amp
 Replacing: A2TA2094D, A2TA2094C, A2TA2094B, A2TA2094, A002TA2094D, A002TA2094C, A002TA2094B, A002TA2094
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 A: 92.50 B: 55.80 mm



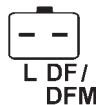
112703 Alternator 14 V, 120 Amp
 Replacing: A3TA5591A, A3TA5591, A003TA5591A, A003TA5591
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



112772 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: A4TA0091F, A4TA0091E, A4TA0091D, A4TA0091C, A4TA0091B, A4T03491B, A4T03491A, A4T03491, A004TA0091F
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 175.50, Pulley SP, Fan IF
 A: 41.70 B: 26.70 C: 66.80 mm



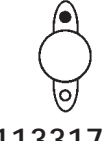
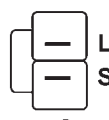
113035 Alternator 14 V, 75 Amp
 Replacing: A5TA5491, A5TA4591ZC, A5TA4591, A5TA0991ZC, A5TA0991, A5TA0091, A005TA5491, A005TA4591ZC
 Servicing: Honda
 Grooves 4, Length 156.00, Pulley SP, Fan IF
 A: 90.25 B: 59.50 mm



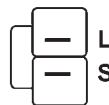
113246 Alternator 14 V, 90 Amp
 Replacing: A5TA6392C, A5TA6392B, A5TA6392A, A5TA6392, A005TA6392C, A005TA6392B, A005TA6392A, A005TA6392
 Servicing: Citroen, Peugeot
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.40 mm



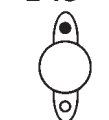
113310 Alternator 14 V, 50 Amp
 Replacing: MD354809, MD316418, A2TA2871A, A2TA2871, A002TA2871A, A002TA2871
 Servicing: Caterpillar, Clark
 Grooves 1, Length 165.00, Pulley P, Fan IF
 A: 41.50 B: 13.00 C: 79.40 mm



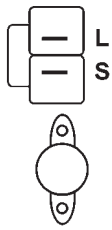
113317 Alternator 14 V, 80 Amp
 Replacing: A2TB3191A, A2TB3191, A002TB3191A, A002TB3191
 Servicing: Nissan
 Grooves 6, Length 180.50, Pulley SP, Fan IF
 A: 38.20 B: 13.00 C: 80.90 mm



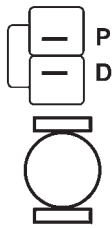
113321 Alternator 14 V, 125 Amp
 Manufacturer: Mitsubishi
 Replacing: ME203546, ME202232, A3TB1999KD, A3TB1999, A3TA4298A, A3TA4298, A003TB1999KD, A003TB1999, A003TA4298
 Servicing: Mitsubishi
 Grooves 2, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 60.50 mm



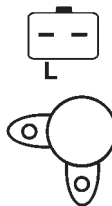
113322 Alternator 14 V, 60 Amp
 Replacing: A5TA3891ZC, A5TA3891C, A5TA3891AC, A5TA3891A, A5TA3891, A005TA3891ZC, A005TA3891C, A005TA3891AC
 Servicing: Suzuki
 Grooves 4, Length 157.50, Pulley SP, Fan IF
 A: 89.85 B: 58.00 mm



113324 Alternator 14 V, 90 Amp
 Replacing: A3TB0771, A003TB0771
 Servicing: Nissan
 Grooves 1, Length 164.00, Pulley P, Fan IF
 A: 42.50 B: 13.00 C: 80.80 mm



113348 Alternator 14 V, 90 Amp
 Replacing: A3TG0091A, A3TG0091, A003TG0091
 Servicing: Mazda
 Grooves 6, Pulley SP, Fan IF
 A: 39.00 B: 60.00 C: 75.00 mm



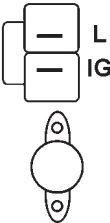
113403 Alternator 14 V, 75 Amp
 Replacing: A1TA2293, A1TA2291, A001TA2293, A001TA2291
 Servicing: Nissan, Renault
 Grooves 3, Length 160.00, Pulley SP, Fan IF
 A: 53.50 B: 27.00 C: 66.50 mm



113405 Alternator 14 V, 70 Amp
 Replacing: A5TA6291ZEC, A5TA6291ZEB, A5TA6291H, A5TA6291G, A5TA6291F, A5TA6291E, A5TA6291D, A5TA6291C
 Servicing: Citroen, Peugeot
 Terminal DF, Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



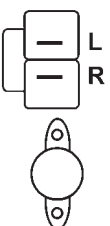
113485 Alternator 14 V, 80 Amp
 Replacing: A2TB4391, A2TA1994D, A2TA1994C, A2TA1994B, A2TA1994, A002TB4391, A002TA1994D, A002TA1994C
 Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



113497 Alternator 28 V, 35 Amp
 Replacing: ME017614, A3TN5188, A003TN5188
 Servicing: New Holland, Various Industrial applications
 Grooves 2, Length 185.00, Pulley DP, Fan IF
 A: 42.50 B: 13.30 C: 81.80 mm



113503 Alternator 14 V, 120 Amp
 Replacing: A3TB0891C, A3TB0891B, A3TB0891A, A3TB0891, A3TA6491A, A3TA6491, A003TB0891C, A003TB0891B
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.00 B: 22.20 C: 45.00 mm



113506 Alternator 28 V, 40 Amp
 Replacing: ME017615, A3TN5288, A003TN5288
 Servicing: Mitsubishi
 Terminal W, Grooves 2, Length 185.00, Pulley DP, Fan EF
 A: 43.00 B: 13.10 C: 81.60 mm



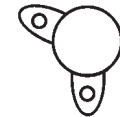
113562 Alternator 14 V, 40 Amp
 Replacing: A7T03877, A007TA1777, A007T03877
 Servicing: Ford, New Holland
 Terminal W, Grooves 1, Length 160.00, Pulley P, Fan IF
 A: 42.00 B: 12.90 C: 81.50 mm



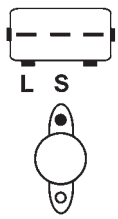
113575 Alternator 14 V, 80 Amp
 Replacing: A5TA6391C, A5TA6391B, A5TA6391A, A5TA6391, A005TA6391C, A005TA6391B, A005TA6391A, A005TA6391
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 45.00 mm



113603 Alternator 14 V, 80 Amp
 Replacing: A2TB4791B, A2TB4791A, A2TB4791, A2TB2191A, A002TB4791B, A002TB4791A, A002TB4791, A002TB2191A
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 172.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm



113604 Alternator 14 V, 95 Amp
 Replacing: A2TA2091F, A2TA2091E, A2TA2091D, A2TA2091A, A2TA2091, A002TA2091F, A002TA2091E, A002TA2091D
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 175.50, Pulley SP, Fan IF
 A: 92.70 B: 56.00 mm



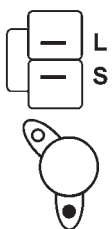
113634 Alternator 14 V, 90 Amp
 Replacing: A2TB6291, A2TB2991, A2TB2891ZC, A2TB2891, A002TB6291, A002TB2991, A002TB2891ZC, A002TB2891
 Servicing: Saab, Subaru
 Grooves 5, Length 165.00, Pulley SP, Fan IF
 A: 46.45 B: 13.15 C: 79.70 mm



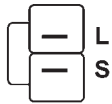
113712 Alternator 14 V, 90 Amp
 Replacing: A2TC0691ZE, A2TC0691AE, A2TC0691A, A2TC0691, A2TB8691, A2TB7591ZE, A2TB7591, A002TB7591
 Servicing: Honda
 Grooves 7, Length 170.00, Pulley SP, Fan IF
 A: 39.20 B: 31.15 C: 46.00 mm



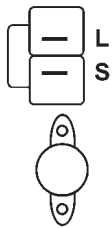
113782 Alternator 14 V, 110 Amp
 Replacing: MN183450, MN158384, A3TG3491, A3TG1192, A3TG1191, A003TG1192, A003TG1191, 1800A064
 Servicing: Mitsubishi
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 53.50 mm



113785 Alternator 14 V, 80 Amp
 Replacing: A2TB1299, A2TB1298, A2TA1099A, A2TA1099, A002TB1299, A002TB1298, A002TA1099A, A002TA1099
 Servicing: Mazda
 Grooves 2, Length 182.00, Pulley DP, Fan IF
 A: 41.50 B: 12.80 C: 64.00 mm



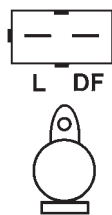
113832 Alternator 14 V, 90 Amp
 Replacing: MD353869, MD330800, MD327551, MD327550, MD325700, MD318458, MD313076
 Servicing: Mitsubishi
 Grooves 4, Pulley SP
 A: 46.00 C: 65.00 mm



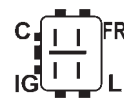
113886 Alternator 28 V, 50 Amp
 Replacing: A4TU9586, A4TU5486, A4TU5485, A004TU9586, A004TU5486
 Servicing: Hitachi, Various Industrial applications
 Grooves 3, Length 225.00, Pulley SP, Fan EF
 A: 60.00 B: 13.00 C: 70.00 mm



113923 Alternator 28 V, 90 Amp
 Replacing: A4TA8491, A4TA0591, A004TA8491, A004TA0591
 Servicing: Iveco
 Grooves 10, Length 213.00, Pulley SP, Fan IF
 Alternative no.: 115879 ★
 A: 90.00 B: 58.10 mm



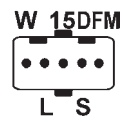
113952 Alternator 14 V, 70 Amp
 Replacing: A5TA6591, A5TA4391, A005TA6591, A005TA4391
 Servicing: Ford
 Grooves 6, Length 159.00, Pulley SP, Fan IF
 A: 11.00 B: 72.00 C: 52.00 mm



113954 Alternator 14 V, 70 Amp
 Replacing: A5TA7191ZC, A5TA7091ZE, A5TA7091ZC, A5TA7091, A5TA6991A, A005TA7191ZC, A005TA7091ZE, A005TA7091ZC
 Servicing: Honda
 Grooves 6, Pulley SP, Fan IF
 A: 94.50 B: 58.00 mm



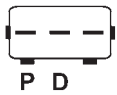
113971 Alternator 14 V, 115 Amp
 Replacing: A3TR0094ZT, A3TR0094, A3TR0093ZT, A3TR0093, A3TR0091ZT, A3TR0091, A003TR0091ZT, A003TR0091
 Servicing: Volvo Penta
 Terminal W, Grooves 6, Length 204.00, Pulley SP
 A: 44.50 B: 14.00 C: 104.00 mm



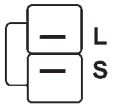
114078 Alternator 28 V, 120 Amp
 Replacing: A4TR5893ZT, A4TR5893
 Servicing: Volvo
 Grooves 8, Length 215.00, Pulley SP, Fan IF
 Alternative no.: 115494 ★
 A: 45.00 B: 14.00 C: 105.50 mm



114079 Alternator 14 V, 40 Amp
 Replacing: A7TA0171B, A7TA0171, A007TA0171B, A007TA0171, 30A68-00801, 30A68-00800
 Servicing: Case, Cub Cadet, Mitsubishi, Vetus, Volvo
 Terminal W, Grooves 1, Length 160.00, Pulley P, Fan IF
 A: 43.00 B: 16.00 C: 41.60 mm



114111 Alternator 14 V, 90 Amp
 Replacing: A3TB6581, A003TB6581
 Servicing: Mazda
 Grooves 8, Length 164.00, Pulley SP/FW,
 Fan IF
 A: 39.00 B: 13.00 C: 66.50 mm



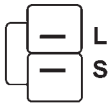
114112 Alternator 14 V, 90 Amp
 Replacing: A3TB4981, A003TB4981
 Servicing: Mazda
 Grooves 8, Pulley SP/FW, Fan IF
 A: 39.00 B: 13.10 C: 65.00 mm



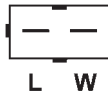
114116 Alternator 14 V, 75 Amp
 Replacing: A5TA7599ZC, A5TA7599,
 A005TA7599ZC, A005TA7599
 Servicing: Honda
 Length 165.00, Pulley w/o, Fan IF
 B: 22.00 mm



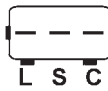
114129 Alternator 14 V, 90 Amp
 Replacing: A5TA7792, A5TA7692, A005TA7792,
 A005TA7692
 Servicing: Ford, Mazda
 Grooves 6, Length 160.00, Pulley SP,
 Fan IF
 A: 11.00 B: 72.00 C: 52.00 mm



114187 Alternator 14 V, 105 Amp
 Replacing: MD371144, A3TN2481AT,
 A3TN2481A, A3TN2481, A003TN2481
 Servicing: Mitsubishi
 Grooves 6, Length 240.00, Pulley SP/FW,
 Fan IF
 A: 46.70 B: 13.00 C: 54.50 mm



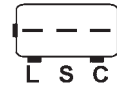
114207 Alternator 14 V, 100 Amp
 Replacing: A3TN2582, A3TN2581,
 A003TN2582, A003TN2581
 Servicing: Suzuki
 Grooves 6, Length 224.00, Pulley SP/FW,
 Fan IF
 A: 45.00 B: 13.00 C: 82.00 mm



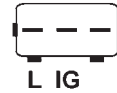
114214 Alternator 14 V, 80 Amp
 Replacing: A2TG0391, A2TB6991, A2TB5391,
 A2TB3091, A002TG0391, A002TB6991,
 A002TB5391, A002TB3091
 Servicing: Saab, Subaru
 Grooves 5, Pulley SP, Fan IF
 A: 46.50 B: 13.00 C: 80.00 mm



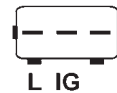
114229 Alternator 14 V, 120 Amp
 Replacing: A3TG3391ZT, A3TG3391,
 A003TG3391ZT, 1800A008
 Servicing: Mitsubishi
 Grooves 6, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 66.00 mm



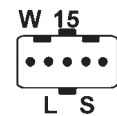
114244 Alternator 14 V, 130 Amp
 Replacing: A3TG2681ZE, A3TG2681AE,
 A3TG2681, A003TG2681ZE, A003TG2681AE,
 A003TG2681
 Servicing: Nissan, Renault V.I.
 Grooves 7, Length 154.00, Pulley SP/FW,
 Fan IF
 A: 38.50 B: 13.00 C: 81.00 mm



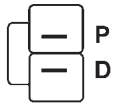
114245 Alternator 14 V, 75 Amp
 Replacing: A5TB1291ZE, A5TB1291,
 A5TB0891ZE, A5TB0891, A005TB1291ZE,
 A005TB0891ZE
 Servicing: Suzuki
 Grooves 4, Length 155.00, Pulley SP,
 Fan IF
 A: 90.50 B: 57.90 mm



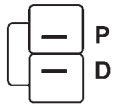
114247 Alternator 14 V, 75 Amp
 Replacing: A5TB2292ZE, A5TB2292AE,
 A5TB2292, A5TB1292AE, A5TB1292,
 A5TA4291ZC, A5TA4291BC, A5TA4291AC
 Servicing: Opel, Suzuki, Vauxhall
 Grooves 5, Pulley SP, Fan IF
 A: 90.40 B: 58.00 mm



114303 Alternator 28 V, 100 Amp
 Replacing: A4TA8591, A004TA8591
 Servicing: Renault V.I., Volvo
 Grooves 10, Length 195.00, Pulley SP,
 Fan IF
 A: 82.50 B: 56.00 mm



114356 Alternator 14 V, 100 Amp
 Replacing: A3TB1081B, A3TB1081A, A3TB1081, A003TB1081B, A003TB1081
 Servicing: Mazda
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 41.10 B: 55.00 C: 74.20 mm



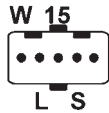
114358 Alternator 14 V, 110 Amp
 Replacing: A2TC0091, A002TC0091
 Servicing: Mazda
 Grooves 6, Length 165.00, Pulley SP
 A: 13.70 B: 24.15 C: 66.50 mm

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114382 Alternator 28 V, 100 Amp
 Replacing: A4TR5691ZT, A4TR5691AM, A4TR5691, A004TR5691ZT, A004TR5691
 Servicing: Scania
 Grooves 10, Length 195.00, Pulley SP, Fan IF
 A: 20.50 C: 35.50 mm



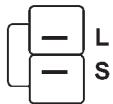
114406 Alternator 14 V, 115 Amp
 Manufacturer: Valeo
 Replacing: MN960266, 1800A029
 Servicing: Mitsubishi, Smart (MCC)
 Grooves 5, Length 186.00, Pulley SP/FW, Fan IF
 A: 81.50 B: 46.20 mm



114407 Alternator 28 V, 90 Amp
 Replacing: A4TR5393ZT, A4TR5393, A4TR5391ZT, A4TR5391, A004TR5393ZT, A004TR5393, A004TR5391ZT, A004TR5391
 Servicing: Renault V.I., Volvo
 Grooves 8, Pulley SP, Fan IF
 Alternative no.: 115878
 A: 44.50 B: 13.80 C: 101.00 mm



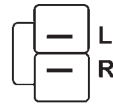
114425 Alternator 28 V, 50 Amp
 Replacing: ME077790, A4TU9286, A4T40386, A004TU9286, A004T40386
 Servicing: Mitsubishi
 Terminal W, Grooves 2, Length 215.00, Pulley DP, Fan EF
 A: 42.00 B: 14.00 C: 81.00 mm



114432 Alternator 14 V, 100 Amp
 Replacing: MD354804, MD318460, MD313384, A3TA2391A, A3TA2391, A3TA0491, A003TA2391, A003TA0491
 Servicing: Mitsubishi
 Grooves 4, Length 170.00, Pulley SP, Fan IF
 A: 23.20 B: 13.15 C: 79.60 mm



114456 Alternator 28 V, 30 Amp
 Replacing: A2TA8383, A002TA8383
 Servicing: Kobelco
 Grooves 1, Length 161.00, Pulley P, Fan IF
 A: 43.00 B: 12.80 C: 81.00 mm



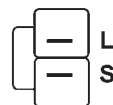
114457 Alternator 28 V, 35 Amp
 Replacing: A3TN5883, A003TN5883, 32B68-00200
 Servicing: Mitsubishi
 Grooves 1, Length 237.00, Pulley P, Fan IF
 A: 44.50 B: 13.75 C: 81.00 mm



114461 Alternator 14 V, 75 Amp
 Replacing: MD354802, A3TA0991A, A003TA0991A
 Servicing: Mitsubishi
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 23.00 B: 12.00 C: 78.00 mm



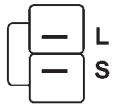
114472 Alternator 14 V, 90 Amp
 Replacing: A5TG0991, A005TG0991, 1800A052
 Servicing: Smart (MCC)
 Grooves 4, Length 166.00, Pulley SP, Fan IF
 A: 43.50 B: 13.00 C: 45.50 mm



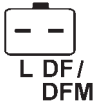
114489 Alternator 14 V, 110 Amp
 Replacing: A3TA6581KD, A3TA6581AKD, A3TA6581ADK, A3TA6581A, A3TA6581, A003TA6581KD, A003TA6581AK, A003TA6581A
 Servicing: Nissan
 Pulley w/o, Fan IF
 Freewheel Pulley: HC-CARGO 235071.
 B: 12.80 C: 81.00 mm



114508 Alternator 28 V, 90 Amp
 Replacing: A4TR5091ZT, A4TR5091, A004TR5091ZT, A004TR5091
 Servicing: Renault V.I.
 Terminal W, Grooves 5, Length 215.00, Pulley SP, Fan IF
 A: 81.00 B: 27.00 C: 65.00 mm



114533 Alternator 14 V, 100 Amp
 Replacing: A3TN2581AT, A3TN2581A, A003TN2581A
 Servicing: Suzuki
 Grooves 6, Length 230.80, Pulley SP/FW, Fan IF
 Pulley: HC-CARGO 235877.
 A: 45.00 B: 13.00 C: 82.00 mm



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114670 Alternator 14 V, 210 Amp
 Replacing: A4TJ0382ZE, A4TJ0382, A4TJ0381
 Servicing: Renault
 Grooves 7, Length 198.55, Pulley SP/FW, Fan IF
 A: 33.00 B: 14.50 mm



114707 Alternator 14 V, 80 Amp
 Replacing: A5TG1392B, A5TG1392A, A5TG1392, A005TG1392B, A005TG1392A, A005TG1392
 Servicing: Citroen, Peugeot
 Grooves 6, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



NEW PRODUCT
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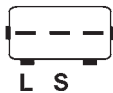
114752* Alternator 14 V, 80 Amp
 Replacing: A5TG0881ZEB, A5TG0881ZEA, A5TG0881ZE, A5TG0881, A005TG0881ZEB, A005TG0881ZEA, A005TG0881ZE
 Servicing: Citroen, DS, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 A: 26.00 B: 80.00 C: 47.85 mm



114759 Alternator 14 V, 55 Amp
 Replacing: A7TA1777
 Servicing: Case, New Holland
 Terminal W, Grooves 1, Length 160.00, Pulley P, Fan IF
 A: 41.00 B: 13.00 C: 82.50 mm



114770 Alternator 14 V, 80 Amp
 Replacing: 32A68-04722, 32A68-04700
 Servicing: Various Industrial applications
 Grooves 5, Length 155.00, Pulley SP, Fan IF
 A: 90.70 B: 58.50 mm



114803 Alternator 14 V, 150 Amp
 Replacing: A3TJ0781ZE, A3TJ0781AE, A3TJ0781, A003TJ0781ZE, A003TJ0781AE, A003TJ0781
 Servicing: Nissan
 Grooves 7, Length 176.00, Pulley SP/FW, Fan IF
 A: 38.00 B: 13.00 C: 81.00 mm



114807 Alternator 14 V, 60 Amp
 Replacing: A1TA3677, A1TA1777, A001TA1777
 Servicing: Kubota, Thomas
 Grooves 1, Pulley P, Fan IF
 A: 63.00 B: 29.00 mm



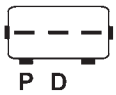
114809 Alternator 28 V, 80 Amp
 Replacing: A3TA8491, A003TA8491
 Servicing: Renault V.I.
 Terminal W, Pulley w/o, Fan IF
 B: 27.00 C: 64.50 mm



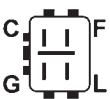
114811 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: A3TG5291ZEA, A3TG5291ZE, A3TG5281ZED, A3TG5281ZEB, A3TG5281ZEA, A3TG5281ZE, A3TG5281, A003TG5291ZEA
 Servicing: Citroen, Mini, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 116311
 A: 26.00 B: 80.50 C: 47.50 mm



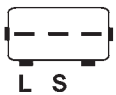
114826 Alternator 14 V, 185 Amp
 Manufacturer: Mitsubishi
 Replacing: A3TX0481, A003TX0481
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 7, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: 116324
 A: 33.00 B: 14.50 C: 59.50 mm



114839 Alternator 14 V, 100 Amp
 Replacing: A3TB6781A, A3TB6781, A003TB6781A, A003TB6781
 Servicing: Mazda
 Grooves 8, Length 185.00, Pulley SP/FW, Fan IF
 A: 39.00 B: 13.00 C: 66.00 mm



114841 Alternator 14 V, 80 Amp
 Replacing: A5TB1391ZD, A5TB1391, A5TB0091, A005TB1391ZD, A005TB1391, A005TB0091
 Servicing: Honda
 Grooves 5, Length 165.00, Pulley SP, Fan IF
 A: 42.00 B: 16.50 C: 39.00 mm



NEW PRODUCT
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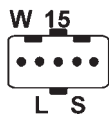
114842 Alternator 14 V, 150 Amp
 Replacing: A3TJ2481ZE, A3TJ2481, A003TJ2481ZE, A003TJ2481
 Servicing: Nissan, Renault
 Grooves 7, Pulley SP/FW, Fan IF



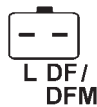
114843 Alternator 28 V, 80 Amp
 Replacing: A3TR5092ZT, A3TR5092, A003TR5092ZT
 Servicing: Volvo Penta
 Grooves 8, Length 207.00, Pulley SP, Fan IF
 A: 44.50 B: 13.50 C: 104.00 mm



114845 Alternator 28 V, 80 Amp
 Replacing: A3TR5093, A3TR5091AM, A3TR5091, A003TR5093, A003TR5091AM, A003TR5091
 Servicing: Volvo Penta
 Terminal W, Grooves 6, Length 201.00, Pulley SP, Fan IF
 A: 44.50 B: 14.00 C: 104.00 mm



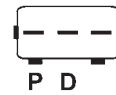
114846 Alternator 28 V, 130 Amp
 Replacing: A4TR5891ZT, A4TR5891, A004TR5891ZT
 Servicing: Renault V.I.
 Grooves 8, Length 211.00, Pulley SP, Fan IF
 A: 44.50 B: 13.50 C: 103.60 mm



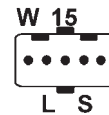
114859 Alternator 14 V, 180 Amp
 Replacing: A4TJ0084C, A4TJ0084B, A4TJ0084A, A4TJ0084, A4TJ0081C, A4TJ0081B, A4TJ0081A, A4TJ0081, A004TJ0084C
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 181.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 45.00 mm



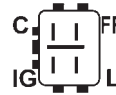
114861 Alternator 28 V, 100 Amp
 Replacing: A4TR5291ZT, A4TR5291AT, A4TR5291, A004TR5291ZT, A004TR5291AT, A004TR5291
 Servicing: Scania
 Terminal W, Grooves 8, Length 190.00, Pulley SP, Fan IF
 A: 20.00 B: 85.00 C: 35.50 mm



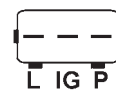
114865 Alternator 14 V, 100 Amp
 Replacing: A2TJ0391C, A2TJ0391B, A2TJ0391A, A2TJ0391, A002TJ0391C, A002TJ0391B, A002TJ0391A, A002TJ0391
 Servicing: Mazda
 Grooves 6, Pulley SP, Fan IF
 A: 40.00 B: 60.00 C: 73.80 mm



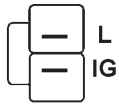
114880 Alternator 28 V, 110 Amp
 Replacing: A4TR5592ZT, A4TR5592, A4TR5591ZT, A4TR5591, A004TR5592ZT, A004TR5592, A004TR5591ZT, A004TR5591
 Servicing: Renault V.I., Volvo
 Terminal W, Grooves 8, Length 212.00, Pulley SP, Fan IF
 A: 44.50 B: 13.81 C: 103.00 mm



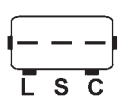
114881 Alternator 14 V, 80 Amp
 Replacing: A5TG0291, A005TG0291
 Servicing: Suzuki
 Grooves 5, Length 170.00, Pulley SP, Fan IF
 A: 90.00 B: 57.50 mm



114902 Alternator 14 V, 90 Amp
 Replacing: 32868-03201
 Servicing: Caterpillar
 Grooves 2, Length 174.00, Pulley DP, Fan IF
 A: 95.50 B: 58.00 mm



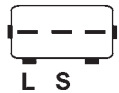
115315 Alternator 28 V, 50 Amp
 Replacing: A4TU9685, A4TU6285, A004TU9685, A004TU6285
 Servicing: Isuzu
 Terminal W, Grooves 3, Length 227.00, Pulley Triple Pulley, Fan EF
 A: 60.00 B: 13.00 C: 70.00 mm



115316 Alternator 14 V, 100 Amp
 Replacing: A5TL0191AM, A5TL0191A, A5TL0191, A005TL0191A
 Servicing: Nissan
 Grooves 7, Length 183.00, Pulley SP, Fan IF
 A: 32.80 B: 13.10 C: 59.00 mm



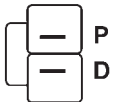
115317 Alternator 14 V, 120 Amp
 Replacing: A2TG0281, A002TG0281
 Servicing: Nissan, Opel, Renault, Renault V.I., Vauxhall
 Grooves 7, Length 190.00, Pulley SP/FW, Fan IF
 A: 38.50 B: 13.10 C: 81.00 mm



115340 Alternator 14 V, 120 Amp
 Replacing: A2TJ0281ZE, A2TJ0281
 Servicing: Dongfeng (DFL), Nissan, Nissan (Dongfeng)
 Grooves 6, Pulley SP/FW, Fan IF
 A: 38.50 B: 14.00 C: 58.50 mm



115348 Alternator 14 V, 100 Amp
 Replacing: MN163016, MN128992, A3TB6091, A3TB5591
 Servicing: Mitsubishi
 Grooves 6, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 66.50 mm



115368 Alternator 14 V, 90 Amp
 Replacing: A3TG0081B, A3TG0081A, A3TG0081, A003TG0081A, A003TG0081
 Servicing: Mazda
 Grooves 6, Length 175.00, Pulley SP/FW, Fan IF
 A: 40.50 B: 60.00 C: 76.00 mm



115369 Alternator 14 V, 150 Amp
 Replacing: 1800A138
 Servicing: Citroen, Mitsubishi, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 A: 42.10 B: 21.00 C: 45.50 mm



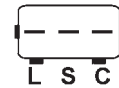
115371 Alternator 14 V, 120 Amp
 Replacing: A3TG1891ZEB, A3TG1891ZEA, A3TG1891ZE, A3TG1891B, A3TG1891A, A3TG1891, A003TG1891ZE, A003TG1891B
 Servicing: Citroen, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.00 B: 21.70 C: 45.00 mm



115438 Alternator 14 V, 120 Amp
 Replacing: A3TB2691K, A3TB2691J, A3TB2691H, A3TB2691G, A3TB2691F, A3TB2691E, A3TB2691D, A3TB2691C, A3TB2691B
 Servicing: Citroen, Peugeot
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



115441 Alternator 14 V, 85 Amp
 Replacing: MN155953, A5TG1691ZE, A5TG0091ZE, A5TG0091BE, A5TG0091AE, A5TG0091, A005TG0091ZE, A005TG0091BE
 Servicing: Mitsubishi, Smart (MCC)
 Grooves 5, Length 166.00, Pulley SP, Fan IF
 A: 48.00 B: 13.00 C: 45.00 mm



115453 Alternator 14 V, 110 Amp
 Replacing: A3TG4291, A3TG0591, A3TG0491A, A3TG0491, A003TG4291, A003TG0591, A003TG0491
 Servicing: Subaru
 Grooves 5, Length 168.00, Pulley SP, Fan IF
 A: 46.00 B: 13.00 C: 80.00 mm



115454 Alternator 28 V, 40 Amp
 Replacing: A2TA8191ZT, A2TA8191, A002TA8191ZT, A002TA8191
 Servicing: Renault V.I.
 Terminal W, Grooves 2, Length 185.00, Pulley DP, Fan IF
 A: 48.30 B: 27.00 C: 66.70 mm



115474 Alternator 14 V, 80 Amp

Manufacturer: Mitsubishi

Replacing: A5TG0192B, A5TG0192A, A5TG0192, A005TG0192B, A005TG0192A, A005TG0192

Servicing: Citroen, Dongfeng Citroen, Peugeot

Grooves 6, Pulley SP, Fan IF

Alternative no.: 116476

A: 41.50 mm



115477 Alternator 14 V, 90 Amp

Replacing: A5TG0491ZT, A5TG0491, A005TG0491ZT, 1800A007

Servicing: Mitsubishi

Grooves 6, Length 177.00, Pulley SP, Fan IF

A: 38.50 B: 13.00 C: 66.00 mm



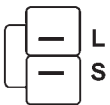
115548 Alternator 14 V, 120 Amp

Replacing: A2TJ0291ZE, A2TJ0291ZC, A2TJ0291, A002TJ0291ZE, A002TJ0291

Servicing: Nissan

Grooves 7, Pulley SP, Fan IF

A: 32.50 B: 14.50 C: 59.00 mm



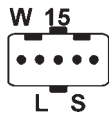
115550 Alternator 14 V, 90 Amp

Replacing: A3TB5099, A003TB5099

Servicing: Nissan

Grooves 2, Pulley DP, Fan IF

A: 37.50 mm



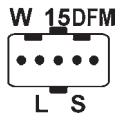
115577 Alternator 28 V, 80 Amp

Replacing: A4TR5392ZT, A4TR5392, A004TR5392ZT, A004TR5392

Servicing: Renault V.I., Volvo

Grooves 8, Length 212.00, Pulley SP, Fan IF

A: 45.00 B: 13.50 C: 103.50 mm



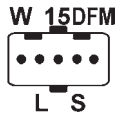
115585 Alternator 28 V, 160 Amp

Replacing: A9TU5591ZT, A9TU5591A, A9TU5591, A009TU5591A, A009TU5591

Servicing: Scania

Grooves 8, Length 255.00, Pulley SP, Fan EF

A: 50.00 B: 15.50 C: 151.50 mm



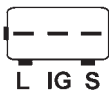
115586 Alternator 28 V, 150 Amp

Replacing: A9TU6499, A009TU6499

Servicing: Scania

Grooves 10, Length 235.00, Pulley SP, Fan EF

A: 47.70 B: 18.00 C: 95.40 mm



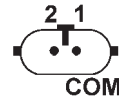
115602 Alternator 28 V, 90 Amp

Replacing: A4TA8494, A004TA8494

Servicing: Iveco

Length 198.00, Pulley w/o, Fan IF

B: 58.90 mm



115651 Alternator 14 V, 210 Amp

Replacing: A4TJ0582ZE, A4TJ0582ZC, A4TJ0582, A004TJ0582ZE, A004TJ0582

Servicing: Dacia, Renault

Grooves 6, Length 204.00, Pulley SP/FW, Fan IF

A: 39.00 B: 14.50 C: 58.00 mm



115655 Alternator 14 V, 110 Amp

Replacing: A2TC0391

Servicing: Dacia, Renault

Grooves 4, Length 172.00, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 67.50 mm



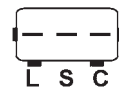
115661 Alternator 14 V, 90 Amp

Replacing: A2TC1391ZE, A2TC1391ZC, A2TC1391, A002TC1391ZE, A002TC1391ZC

Servicing: Dongfeng Honda, Honda

Grooves 7, Length 170.00, Pulley SP, Fan IF

A: 44.50 B: 20.00 C: 40.50 mm



115703 Alternator 14 V, 150 Amp

Replacing: A2TX1781, A002TX1781

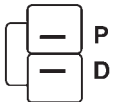
Servicing: Nissan

Grooves 7, Length 173.00, Pulley SP/FW, Fan IF

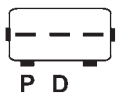
A: 38.50 B: 13.00 C: 81.00 mm



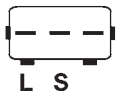
115760 Alternator 14 V, 120 Amp
 Replacing: A3TG3181, A003TG3181, 1800A053
 Servicing: Citroen, Mitsubishi
 Grooves 6, Pulley SP/FW, Fan IF
 A: 34.00 B: 13.00 C: 52.50 mm



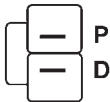
115786 Alternator 14 V, 90 Amp
 Replacing: A3TG4791, A3TG1391AD, A3TG1391A, A3TG1391, A003TG1391A, A003TG1391
 Servicing: Mazda
 Grooves 6, Pulley SP, Fan IF
 A: 75.00 B: 75.00 C: 68.60 mm



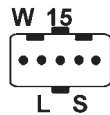
115795 Alternator 14 V, 90 Amp
 Replacing: A2TG1391ZD, A2TG1391, A002TG1391
 Servicing: Mazda
 Grooves 6, Pulley SP, Fan IF
 A: 37.30 B: 13.00 C: 66.00 mm



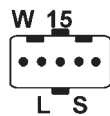
115796 Alternator 14 V, 110 Amp
 Replacing: A3TG2391ZC, A3TG2391
 Servicing: Subaru
 Grooves 5, Length 169.10, Pulley SP, Fan IF
 A: 45.00 B: 13.00 C: 80.00 mm



115797 Alternator 14 V, 100 Amp
 Replacing: A3TG1291B, A3TG1291A, A3TG1291
 Servicing: Mazda
 Grooves 5, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 65.00 mm



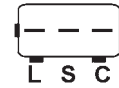
115798 Alternator 28 V, 120 Amp
 Replacing: A4TR5791ZT, A4TR5791, A004TR5791ZT, A004TR5791
 Servicing: Iveco
 Grooves 10, Length 198.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



115799 Alternator 28 V, 120 Amp
 Replacing: A4TR5794ZT, A4TR5794, A004TR5794ZT, A004TR5794
 Servicing: Iveco
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 90.00 B: 58.00 mm



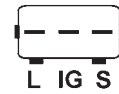
115800 Alternator 28 V, 100 Amp
 Replacing: A4TR5191ZT, A4TR5191, A4TR5188ZT, A4TR5188, A004TR5188ZT
 Servicing: Scania
 Terminal W, Grooves 2, Length 195.00, Pulley DP, Fan IF
 A: 55.00 B: 22.80 C: 67.00 mm



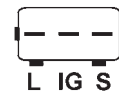
115811 Alternator 14 V, 150 Amp
 Replacing: A2TX2191ZE, A2TX2181, A002TX2181
 Servicing: Nissan
 Grooves 7, Length 188.00, Pulley SP/FW, Fan IF
 A: 33.00 B: 14.00 C: 58.50 mm



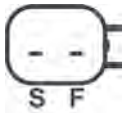
115832* Alternator 28 V, 80 Amp
 Replacing: A3TA8591ZT, A3TA8591, A003TA8591ZT, A003TA8591
 Servicing: Renault V.I.
 Grooves 8, Pulley SP, Fan IF



115871 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: A4TA8492, A4TA8292, A4TA8291, A4TA0592, A004TA8492, A004TA8292, A004TA8291, A004TA0592
 Servicing: Iveco
 Grooves 12, Length 204.00, Pulley SP, Fan IF
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



115879 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: A4TA8491, A4TA0591, A004TA8491, A004TA0591
 Servicing: Iveco
 Grooves 10, Length 196.00, Pulley SP, Fan IF
 Alternative no.: 113923
 A: 90.00 B: 58.00 mm



115925 Alternator 14 V, 115 Amp
 Replacing: A2TJ0481ZD, A2TJ0481ZC, A2TJ0481, A200TJ0481, A002TJ0481ZC
 Servicing: Chrysler, Dodge, Jeep
 Grooves 6, Length 198.00, Pulley SP/FW, Fan IF
 A: 34.00 B: 12.70 C: 53.80 mm



115926 Alternator 14 V, 120 Amp
 Replacing: A3TG4679, 1800A115
 Servicing: Mitsubishi
 Grooves 2, Length 180.00, Pulley DP, Fan IF
 A: 42.00 B: 13.00 C: 60.00 mm



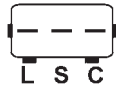
115927 Alternator 14 V, 125 Amp
 Replacing: MD341353, A3TA7291, A003TA7291
 Servicing: Mitsubishi
 Grooves 5, Length 178.00, Pulley SP, Fan IF
 A: 24.00 B: 17.10 C: 61.00 mm



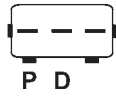
115975 Alternator 14 V, 110 Amp
 Replacing: A3TG2991A, A3TG2991, 1800A067
 Servicing: Mitsubishi
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 42.50 B: 13.00 C: 67.00 mm



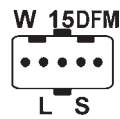
115995 Alternator 28 V, 50 Amp
 Replacing: A4TU3586, A004TU3586, 34368-02300, 34363-02300
 Servicing: Caterpillar
 Grooves 2, Length 209.00, Pulley DP, Fan EF
 A: 46.00 B: 13.50 C: 81.00 mm



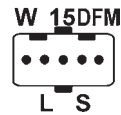
116009 Alternator 14 V, 110 Amp
 Replacing: A2TJ1291ZE, A2TJ1291AE, A2TJ1291, A002TJ1291ZE, A002TJ1291AE, A002TJ1291
 Servicing: Nissan
 Grooves 7, Length 187.00, Pulley SP, Fan IF
 A: 32.50 B: 14.20 C: 59.00 mm



116011 Alternator 14 V, 100 Amp
 Replacing: A2TJ0681A, A2TJ0681, A002TJ0681
 Servicing: Mazda
 Grooves 8, Pulley SP/FW, Fan IF
 A: 26.00 B: 13.00 C: 57.00 mm

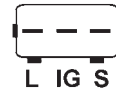


116014 Alternator 28 V, 100 Amp
 Replacing: A4TA8191, A004TA8191
 Servicing: Renault V.I.
 Grooves 10, Length 195.00, Pulley SP, Fan IF
 A: 82.70 B: 57.00 mm



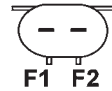
116015* Alternator 28 V, 80 Amp
 Replacing: A3TA8791, A003TA8791
 Servicing: Renault V.I.
 Grooves 10, Length 197.00, Pulley SP, Fan IF
 A: 82.60 B: 55.70 mm

NEW PRODUCT
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116019* Alternator 28 V, 90 Amp
 Replacing: A4TA8792, A004TA8792
 Servicing: Iveco
 Grooves 12, Pulley SP, Fan IF

NEW PRODUCT
www.hc-cargo.com



116020 Alternator 14 V, 100 Amp
 Replacing: A2TG0191ZC, A2TG0191, A002TG0191ZC
 Servicing: Chrysler, Dodge
 Grooves 4, Length 172.00, Pulley SP, Fan IF
 A: 36.50 B: 12.00 C: 51.00 mm



116030 Alternator 14 V, 130 Amp
 Replacing: A2TX1081B, A2TX1081A, A2TX1081, A002TX1081A, 1800A334, 1800A271
 Servicing: Citroen, Mitsubishi, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 A: 43.00 B: 13.00 C: 49.50 mm

NEW PRODUCT
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116031 Alternator 14 V, 150 Amp
Replacing: A2TX1181, A002TX1181
Servicing: Infiniti, Nissan
Grooves 7, Pulley SP/FW, Fan IF

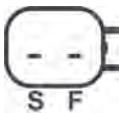


NEW PRODUCT
www.hc-cargo.com

116032* Alternator 14 V, 130 Amp
Replacing: A2TX0691ZC, A2TX0691, A002XT0691, A002TX0691ZC, A002TX0691
Servicing: Subaru
Grooves 5, Pulley SP, Fan IF



116033 Alternator 14 V, 150 Amp
Replacing: A2TX1981ZT, A2TX1981, A002TX1981ZT, A002TX1981
Servicing: Nissan
Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
A: 33.00 B: 13.00 C: 59.00 mm



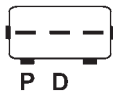
116037 Alternator 14 V, 160 Amp
Replacing: A2TX0281ZC, A2TX0281, A002TX0281
Servicing: Dodge
Grooves 6, Length 204.00, Pulley SP/FW, Fan IF
A: 34.20 B: 13.00 C: 55.00 mm



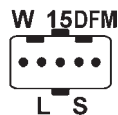
116042 Alternator 28 V, 60 Amp
Replacing: A3TA8291RR, A3TA8291, A003TA8291RR, A003TA8291
Servicing: Renault V.I.
Terminal W, Length 178.00, Pulley w/o, Fan IF
B: 27.00 C: 66.00 mm



116109 Alternator 14 V, 45 Amp
Replacing: A7TA1677
Servicing: Kubota
Grooves 1, Length 156.00, Pulley P, Fan IF
A: 62.00 B: 29.00 mm



116110 Alternator 14 V, 110 Amp
Replacing: A3TJ1181, A003TJ1181
Servicing: Mazda
Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
A: 40.00 B: 60.00 C: 74.00 mm

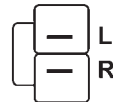


NEW PRODUCT
www.hc-cargo.com

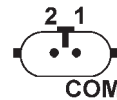
116119* Alternator 28 V, 100 Amp
Replacing: A4TR5693ZT, A4TR5693, A4TR5491ZT, A4TR5491AT, A4TR5491, A004TR5693ZT, A004TR5693, A004TR5491ZT
Servicing: Scania
Grooves 8, Pulley SP, Fan IF



116153 Alternator 14 V, 95 Amp
Replacing: A5TL0092B, A005TL0092B, 1800A287
Servicing: Mitsubishi
Grooves 5, Pulley SP, Fan IF
A: 48.50 B: 13.00 C: 46.30 mm



116164 Alternator 28 V, 50 Amp
Replacing: A4TU3599, A004TU3599, 34368-03800
Servicing: Caterpillar
Grooves 12, Length 221.00, Pulley SP/FW, Fan EF
A: 40.30 B: 13.50 C: 80.50 mm



116216 Alternator 14 V, 210 Amp
Replacing: A4TJ0282ZE, A4TJ0282AM, A4TJ0282, A4TJ0281, A004TJ0282ZE, A004TJ0282AM, A004TJ0282, A004TJ0281ZE
Servicing: Renault
Grooves 7, Length 200.00, Pulley SP/FW, Fan IF
A: 32.50 B: 14.50 C: 60.00 mm



NEW PRODUCT
www.hc-cargo.com

116217* Alternator 12 V, 110 Amp
Replacing: A2TC1791AM, A2TC1791, A002TC1791AM, A002TC1791
Servicing: Dacia
Pulley SP, Fan IF

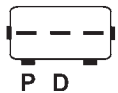

NEW PRODUCT
www.hc-cargo.com
116218* Alternator 14 V, 90 Amp

Replacing: A5TJ0091ZD, A5TJ0091, A005TJ0091ZD, A005TJ0091

Servicing: Honda

Grooves 5, Length 150.00, Pulley SP, Fan IF

A: 37.50 B: 17.10 C: 38.80 mm


116224 Alternator 14 V, 100 Amp

Replacing: A5TL0491, A5TJ0591ZX, A5TJ0591ZT, A005TL0491, A005TJ0591ZX, A005TJ0591ZT

Servicing: Mazda, Mazda (Changan)

Grooves 6, Pulley SP, Fan IF

A: 44.30 B: 13.00 C: 66.20 mm

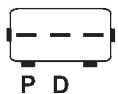

116292* Alternator 14 V, 75 Amp

Replacing: A5TG1891A, A5TG1891, A5TG1491, A005TG1891

Servicing: Suzuki

Grooves 6, Length 173.00, Pulley SP, Fan IF

A: 41.00 B: 75.00 C: 55.00 mm


NEW PRODUCT
www.hc-cargo.com
116293 Alternator 14 V, 150 Amp

Replacing: A2TX3081, A002TX3081

Servicing: Mazda

Grooves 6, Pulley SP/FW, Fan IF

A: 30.00 B: 18.00 C: 46.90 mm


116311 Alternator 14 V, 120 Amp

Replacing: A3TG5291ZEA, A3TG5291ZE, A3TG5281ZED, A3TG5281ZEB, A3TG5281ZEA, A3TG5281ZE, A3TG5281, A003TG5281ZEB

Servicing: Citroen, Mini, Peugeot

Grooves 6, Pulley SP/FW, Fan IF

Alternative no.: 114811

A: 26.00 B: 80.50 C: 47.50 mm

NEW PRODUCT
www.hc-cargo.com
116324* Alternator 14 V, 150 Amp

Replacing: A3TX0481, A003TX0481

Servicing: Nissan, Opel, Renault, Vauxhall

Alternative no.: 114826

NEW PRODUCT
www.hc-cargo.com
116395* Alternator 14 V, 150 Amp

Replacing: A3TJ4081ZE

Servicing: Nissan

Grooves 6, Pulley SP/FW, Fan IF

NEW PRODUCT
www.hc-cargo.com
116409* Alternator

Replacing: A2TX9091, A002TX9091

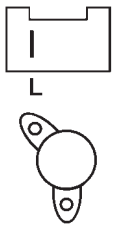
Servicing: Mazda


NEW PRODUCT
www.hc-cargo.com
116439* Alternator 14 V, 80 Amp

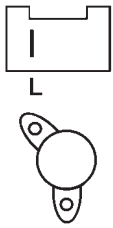
Replacing: A5TG2591ZE, A5TG2591, A5TG2491ZE, A5TG1991ZE, A5TG1991, A005TG2591ZE, A005TG2591, A005TG2491ZE

Servicing: Suzuki

Grooves 5, Pulley SP, Fan IF



110048 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: 510-834
 Servicing: Farymann, Renault, Volvo Penta
 Terminal W, Grooves 1, Length 180.00,
 Pulley SP, Fan EF, Insulated return
 A: 72.00 B: 51.00 mm



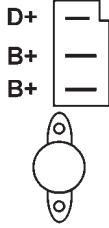
110052 Alternator 28 V, 40 Amp
 Replacing: 9AR3739G, 9AR3739, 9AR3713G,
 9AR3713, 9AR2713, 510-817, 510-804
 Servicing: Baudouin, DAF, Volvo Penta
 Terminal W, Length 177.00, Pulley w/o,
 Fan EF, Insulated return
 B: 50.75 mm



110077 Alternator 14 V, 50 Amp
 Manufacturer: Mahle Letrika
 Replacing: 510-249
 Servicing: Case, Citroen, Deutz-Fahr, Fendt,
 Goldoni, Opel, Peugeot, Vauxhall
 Grooves 1, Length 171.00, Pulley P,
 Fan EF
 A: 78.50 B: 56.00 mm



110105 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2968K, 9AR2968, 510-384
 Servicing: John Deere
 Grooves 1, Length 178.00, Pulley P, Fan EF
 A: 83.30 B: 56.00 mm



110107 Alternator 14 V, 55 Amp
 Replacing: 9AR5083G, 9AR5010F, 9AR2888,
 9AR2887, 9AR2725F, 510-501, 510-492, 510-
 456, 510-368, 510-320
 Servicing: Massey Ferguson
 Length 165.00, Pulley P, Fan EF



110112 Alternator 28 V, 40 Amp
 Replacing: 9AR3921G, 510-348, 510-347
 Servicing: Volvo, Volvo Penta
 Terminal W, Length 175.50, Pulley w/o,
 Fan w/o
 B: 51.00 mm



110113 Alternator 28 V, 27 Amp
 Replacing: 9AR3927G, 510-372
 Servicing: Mercedes-Benz
 Length 165.00, Pulley w/o, Fan EF
 B: 80.00 mm



110116 Alternator 28 V, 35 Amp
 Replacing: 9AR3987G, 510-397
 Servicing: DAF, Ford, MAN
 Terminal W, Length 180.00, Pulley w/o,
 Fan w/o
 B: 80.00 mm



110127 Alternator 14 V, 70 Amp
 Replacing: 9AR2775F, 9AR2775, 9AR2741P,
 9AR2741F, 9AR2740P, 9AR2738P, 9AR2712P,
 510-819, 510-818, 510-816
 Servicing: Farymann, Volvo Penta
 Terminal W, Grooves 1, Length 179.00,
 Pulley P, Fan EF, Insulated return
 A: 79.00 B: 51.00 mm



110163 Alternator 28 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR3961, 9AR3806G, 510-388
 Servicing: Renault V.I.
 Terminal W, Grooves 2, Length 172.50,
 Pulley DP, Fan EF
 A: 48.75 B: 27.25 C: 67.50 mm



110173 Alternator 28 V, 75 Amp
 Replacing: 8LHA3025PA, 8LHA2012NO
 Servicing: Clark, DAF
 Length 246.00, Pulley w/o, Fan EF
 B: 14.50 C: 101.50 mm

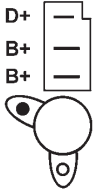


110175 Alternator 28 V, 100 Amp
 Replacing: 8SC3002Y
 Servicing: Volvo Penta
 Length 249.00, Pulley w/o, Fan EF,
 Insulated return
 Fan: HC-CARGO 134317. Pulley: HC-CARGO
 131176.
 B: 14.75 C: 103.00 mm

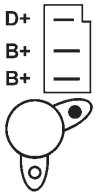
ALTERNATORS



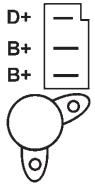
110176 Alternator 28 V, 175 Amp
 Replacing: 8SC3005Y
 Servicing: Volvo Penta
 Terminal W, Length 278.00, Pulley w/o,
 Fan EF, Insulated return
 B: 14.75 C: 101.50 mm



110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 9AR2916F, 9AR2916, 9AR2915F,
 510-105, 510-104, 2541194
 Servicing: Austin, Bedford, Case, Ford,
 Jensen, Land Rover, Lotus, Massey Ferguson,
 MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing:
 HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



110179 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 9AR5019, 9AR2877, 9AR2603G,
 9AR2603F, 9AR2603
 Servicing: Bedford, Case, Ford, Jaguar, Land
 Rover, LDV International, Lotus, Mercury,
 Triumph, Vauxhall
 Length 162.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing:
 HC-CARGO 134894.
 B: 9.75 C: 88.00 mm



110358 Alternator 14 V, 55 Amp
 Replacing: 9AR5028K02, 9AR5028K,
 9AR2846K, 9AR2846, 9AR2845, 9AR2785,
 9AR2784K, 9AR2765, 9AR2759K02
 Servicing: Mercedes-Benz, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 77.50 B: 56.00 mm



110360 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2896G, 9AR2883G, 9AR2883,
 9AR2835G, 9AR2835, 9AR2756F, 9AR2528F
 Servicing: Audi, Deutz-Fahr, VW
 Length 154.00, Pulley P, Fan EF
 B: 56.00 mm



110408 Alternator 14 V, 35 Amp
 Manufacturer: Prestolite
 Replacing: 8RA2050F, 8EB2003F, 8EB2002F,
 8EA2016F, 8EA2011N, 8EA2004F, 8EA2002F,
 8EA2001F, 8AL2040FS
 Servicing: American Motors, Jeep
 Terminal W, Length 145.00, Pulley w/o,
 Fan EF
 B: 27.00 mm



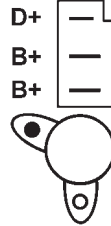
110487 Alternator 14 V, 37 Amp
 Replacing: 8EK2011FC, 8EK2011FB,
 8EK2011FA, 8EK2008FC, 8EK2006FC,
 8EK2004DE, 8EK2003FD, 8EK2003FC
 Servicing: Thermo King
 Length 180.00, Pulley w/o, Fan EF
 B: 27.00 mm



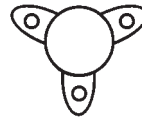
110488 Alternator 14 V, 65 Amp
 Replacing: 8EK2012NB, 8EK2007NC,
 8EK2005ND, 8EK2005NC
 Servicing: Thermo King
 Length 178.00, Pulley w/o, Fan EF
 B: 27.00 mm



110743 Alternator 14 V, 30 Amp
 Replacing: 9AL2696G
 Servicing: Citroen
 Grooves 1, Length 155.00, Pulley P,
 Fan EF
 Regulator: HC-CARGO 130679.
 A: 61.00 B: 40.00 mm



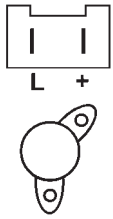
110759 Alternator 14 V, 35 Amp
 Replacing: 9AR2895F, 9AR2895, 9AR2703F,
 9AR2698F, 9AR2627G, 9AR2627, 9AR2613F,
 9AR2613, 9AR2612G, 9AR2612
 Servicing: Austin, Ford, Mercury
 Length 160.00, Pulley P, Fan EF
 B: 10.50 C: 79.00 mm



110766 Alternator 28 V, 27 Amp
 Replacing: 9AR6015K
 Servicing: Atlas Copco, Case, Deutz-Fahr,
 Iveco, KHD, Liebherr, Magirus-Deutz,
 Mercedes-Benz, Steyr
 Terminal W, Length 170.00, Pulley w/o,
 Fan EF
 B: 56.00 mm



110877 Alternator 14 V, 65 Amp
 Replacing: 9AR5037L, 9AR5037, 9AR2984L,
 9AR2984, 510-453, 510-404
 Servicing: BMW
 Length 159.00, Pulley w/o, Fan w/o
 B: 51.00 mm



110889 Alternator 14 V, 75 Amp
 Replacing: 9AR2950P
 Servicing: Renault, Renault V.I.
 Terminal W, Grooves 1, Length 176.50,
 Pulley P, Fan EF
 A: 57.90 B: 26.90 C: 69.00 mm



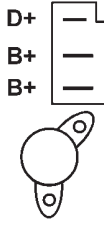
110890 Alternator 14 V, 55 Amp
 Replacing: 9AL5050K
 Servicing: Alfa Romeo, Fiat, Iveco,
 Lamborghini, Same
 Grooves 1, Length 169.00, Pulley P,
 Fan w/o
 A: 49.00 B: 17.00 C: 63.00 mm



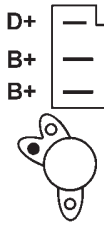
110891 Alternator 14 V, 70 Amp
 Replacing: 9AR2604P, 9AR2604L, 9AR2538K,
 9AR2533P, 9AR2533, 9AR2501K
 Servicing: Ford, Land Rover, MG
 Terminal W, Length 169.00, Pulley w/o,
 Fan w/o
 B: 11.30 C: 83.00 mm



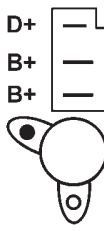
110911 Alternator 14 V, 55 Amp
 Replacing: 9AR2780K, 9AR2780, 9AR2638P,
 9AR2638, 9AR2621L, 9AR2596K, 9AR2588K,
 9AR2588
 Servicing: Audi, Peugeot, Saab, VW
 Grooves 1, Length 171.00, Pulley P,
 Fan EF
 A: 77.64 B: 56.00 mm



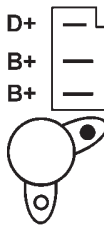
110913 Alternator 14 V, 70 Amp
 Replacing: 9BE2NB2A, 9BE2KA2A, 9AR5100G,
 9AR5100, 9AR5045L, 9AR5015L, 9AR2897L,
 9AR2884L, 9AR2830L, 9AR2830
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm



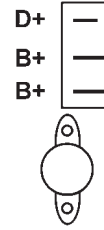
110919 Alternator 14 V, 70 Amp
 Replacing: 9AR5099L, 9AR5088L, 9AR5030L,
 9AR2977L, 9AR2977
 Servicing: Audi, VW
 Grooves 1, Length 185.00, Pulley P, Fan EF
 A: 110.00 B: 56.00 mm



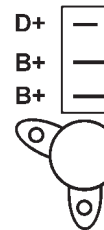
110968 Alternator 14 V, 70 Amp
 Replacing: 9AR5060, 9AR2960F, 9AR2841,
 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G,
 9AR2683, 9AR2654G, 9AR2650D
 Servicing: Austin, Case, Dronningborg,
 Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P, Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 11.00 C: 82.00 mm



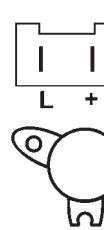
110969 Alternator 14 V, 65 Amp
 Replacing: 9AR2913, 9AR2878, 9AR2803F,
 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P,
 9AR2655G, 9AR2653F, 9AR2653
 Servicing: Land Rover, Various Agriculture
 Vehicles
 Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 38.00 B: 11.00 C: 82.00 mm



110970 Alternator 14 V, 65 Amp
 Replacing: 9AR2549F, 9AR2549, 9AR2548K,
 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-
 39, 510-38
 Servicing: Massey Ferguson
 Terminal W, Grooves 1, Pulley P,
 Fan EF
 A: 58.00 B: 27.10 mm



110975 Alternator 14 V, 65 Amp
 Replacing: 9AR2529F, 9AR2529, 510-146, 510-
 123, 2541263
 Servicing: Audi, Various Agriculture Vehicles,
 VW
 Terminal W, Grooves 1, Length 167.00,
 Pulley P, Fan EF
 A: 82.85 B: 56.25 mm

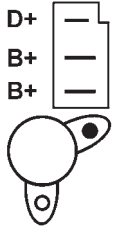


111071 Alternator 14 V, 75 Amp
 Replacing: 9AR2874R, 9AR2872P, 9AR2731R,
 9AR2730P, 2940275
 Servicing: Citroen, Peugeot
 Grooves 1, Length 172.00, Pulley P,
 Fan EF
 A: 61.85 B: 35.90 C: 53.00 mm



111075 Alternator 14 V, 55 Amp
 Replacing: 9AR5062K, 2940356
 Servicing: Citroen, Peugeot, Talbot, Vauxhall
 Grooves 1, Length 161.50, Pulley P,
 Fan EF
 A: 59.50 B: 40.00 mm

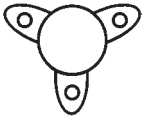
ALTERNATORS



111086 Alternator 14 V, 65 Amp
 Replacing: 9AR5021G, 9AR2917G, 9AR2917, 2518071
 Servicing: Austin, Ford, Mercury, MG, Rover, Suzuki
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm



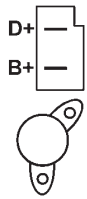
111094 Alternator 14 V, 65 Amp
 Replacing: 2940311A, 2940311
 Servicing: Audi, VW
 Terminal W, Grooves 1, Length 187.25, Pulley P, Fan EF
 A: 109.00 B: 56.00 mm



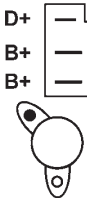
111141 Alternator 14 V, 55 Amp
 Replacing: 2940793
 Servicing: MAN, Mercedes-Benz
 Terminal W, Length 167.70, Pulley w/o, Fan w/o
 B: 80.00 mm



111176 Alternator 14 V, 75 Amp
 Replacing: 9AR2512P, 9AR2512
 Servicing: Ford, Land Rover, LDV, Rover
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 35.50 B: 11.25 C: 81.65 mm



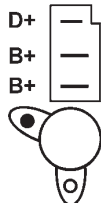
111180 Alternator 14 V, 33 Amp
 Replacing: 9AR5006G
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 116133
 A: 49.00 B: 25.00 C: 74.00 mm



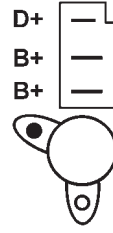
111185 Alternator 14 V, 43 Amp
 Manufacturer: Lucas
 Replacing: 9AR2918G, 9AR2918
 Servicing: Austin, Case, Ford, Land Rover, LDV, Lotus, Massey Ferguson, MG, Morris, Rover, Triumph, Vauxhall
 Length 169.50, Pulley w/o, Fan IF
 For pulley w/ 17.00 mm bore use bushing: HC-CARGO 134894.
 B: 9.80 C: 88.00 mm



111288 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 2940303
 Servicing: MAN, Seat, VW
 Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 75.00 B: 56.00 mm



111289 Alternator 14 V, 70 Amp
 Replacing: 9AR5092K, 9AR5022G, 9AR5022, 9AR2978, 9AR2843G, 9AR2707G, 9AR2703, 9AR2701, 9AR2700G, 9AR2700
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



111362 Alternator 14 V, 55 Amp
 Replacing: 9AR2630K, 2940080
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra
 Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF
 A: 34.50 B: 11.00 C: 81.00 mm



111419 Alternator 28 V, 55 Amp
 Replacing: 2541423
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda
 Terminal W, Grooves 2, Length 188.00, Pulley DP, Fan EF
 A: 50.00 B: 17.45 C: 63.00 mm



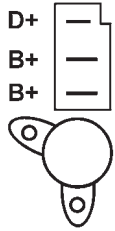
111510 Alternator 28 V, 55 Amp
 Replacing: 9AR6000G, 9AR6000, 9AR3959G, 9AR3855G, 510-864, 510-860, 510-845
 Servicing: Ford, Perkins
 Terminal W, Pulley w/o, Fan EF, Insulated return
 B: 10.00 C: 82.00 mm



111575 Alternator 14 V, 90 Amp
 Replacing: 8MR2069TA
 Servicing: John Deere, Various Industrial applications
 Terminal W, Length 183.50, Pulley w/o, Fan EF, Insulated return
 w/ adjustable voltage regulator.
 B: 51.00 mm



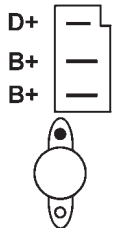
111576 Alternator 14 V, 90 Amp
 Replacing: 8MR2070TA
 Servicing: Mercury
 Terminal W, Length 180.00, Pulley w/o, Fan EF, Insulated return w/ adjustable regulator. Rotor shaft 5/8".
 B: 27.20 mm



111653 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2839G, 9AR2792G, 9AR2792, 9AR2727G, 9AR2727, 9AR2708G, 9AL2708G, 9AL2615
 Servicing: Audi, VW
 Grooves 1, Length 188.00, Pulley P, Fan EF
 A: 109.50 B: 56.00 mm



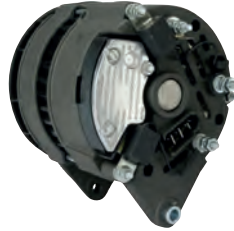
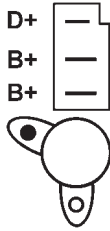
111686 Alternator 14 V, 65 Amp
 Replacing: 9AR2951L, 9AR2951
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



111948 Alternator 14 V, 70 Amp
 Replacing: 9AR5070K, 9AR5040K, 9AR2944K, 9AR2862K, 9AR2862, 9AR2861K, 9AR2856K, 9AR2856, 9AR2853K, 9AR2853
 Servicing: Massey Ferguson
 Terminal W, Length 159.00, Pulley w/o, Fan EF
 B: 29.00 mm



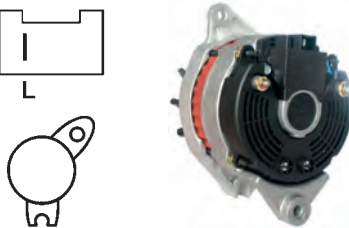
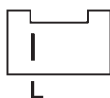
112097 Alternator 28 V, 30 Amp
 Replacing: 9AR3952G, 9AR3952, 9AL3955G
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112112 Alternator 14 V, 70 Amp
 Replacing: 9AR2999P, 9AR2958P, 9AR2958, 9AR2854P, 9AR2831P, 9AR2747P, 9AR2746P, 9AR2745P, 9AR2744P, 9AR2735P
 Servicing: Perkins, Sabre, Yanmar
 Terminal W, Grooves 1, Length 170.50, Pulley P, Fan EF, Insulated return
 A: 45.00 B: 11.50 C: 82.50 mm



112149 Alternator 14 V, 65 Amp
 Manufacturer: Bosch
 Replacing: 2940305A, 2940305, 2940304A, 2940304
 Servicing: Audi, Seat, VW
 Terminal W, Grooves 1, Pulley P, Fan EF
 A: 109.80 B: 56.00 mm



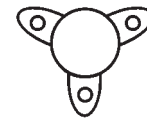
112162 Alternator 14 V, 70 Amp
 Replacing: 9AR5055P, 9AR5055
 Servicing: Citroen, Peugeot
 Grooves 4, Length 158.00, Pulley SP, Fan EF
 A: 45.50 B: 27.00 C: 66.00 mm



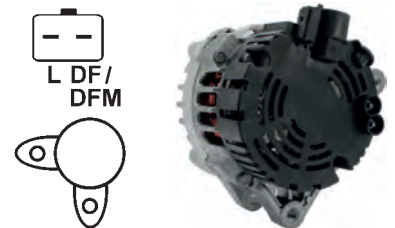
112298 Alternator 14 V, 80 Amp
 Replacing: 2541950B
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 179.00, Pulley SP, Fan IF
 A: 42.00 B: 26.10 C: 66.70 mm



112299 Alternator 14 V, 95 Amp
 Replacing: 2541951
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 43.00 B: 27.00 C: 67.00 mm

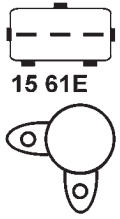


112310 Alternator 14 V, 55 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2715F
 Servicing: BMW, Volvo BM
 Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 74.00 B: 50.70 mm



112469 Alternator 14 V, 90 Amp
 Replacing: 2542397, 2542297
 Servicing: Citroen, Fiat, Peugeot, Toyota
 Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 22.20 C: 45.60 mm

ALTERNATORS



15 61E



112472 Alternator 14 V, 100 Amp
 Replacing: 2542265
 Servicing: BMW, Land Rover, MG, Rover
 Grooves 5, Length 185.00, Pulley SP, Fan IF
 A: 61.00 B: 28.00 C: 75.40 mm



112480 Alternator 14 V, 90 Amp
 Replacing: 2541971B
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm



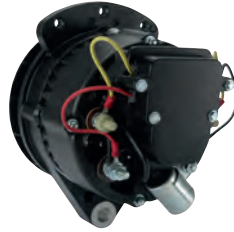
112679 Alternator 14 V, 110 Amp
 Replacing: 2541982A
 Servicing: Renault, Volvo
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 A: 46.50 B: 27.70 C: 66.30 mm



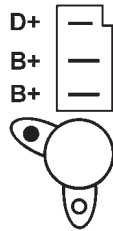
113376 Alternator 14 V, 55 Amp
 Replacing: 9AR2904L, 9AR2904K, 9AR2904
 Servicing: Bedford, Opel, Vauxhall
 Terminal W, Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 76.60 B: 56.20 mm



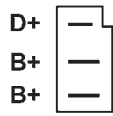
113477 Alternator 28 V, 55 Amp
 Replacing: 2940060
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 184.00, Pulley w/o, Fan EF, Insulated return
 B: 50.80 mm



113549 Alternator 28 V, 35 Amp
 Replacing: 110-313
 Servicing: Caterpillar
 Length 186.00, Pulley w/o, Fan EF, Insulated return
D+ = 3/16 W.
 B: 27.20 mm



113574 Alternator 14 V, 65 Amp
 Replacing: 9AR2963L, 9AR2963, 9AR2919P, 9AR2919
 Servicing: Case, New Holland, Valtra
 Terminal W, Grooves 1, Length 177.50, Pulley P, Fan EF
 A: 36.85 B: 10.40 C: 83.00 mm



113713 Alternator 14 V, 80 Amp
 Replacing: 510-823
 Servicing: Lister
 Terminal W, Grooves 1, Length 169.10, Pulley P, Fan EF, Insulated return
 A: 45.50 B: 11.20 C: 83.00 mm



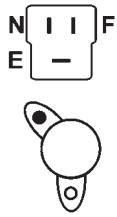
113898 Alternator 14 V, 185 Amp
 Replacing: 8SC2023Z
 Servicing: New Holland
 Terminal W, Length 263.00, Pulley w/o, Fan EF, Insulated return
 B: 14.00 C: 103.00 mm



116079 Alternator 14 V, 90 Amp
 Replacing: 8MR2197T
 Servicing: Thermo King
 Length 195.00, Pulley w/o, Fan EF
 B: 27.40 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 9AR5006G
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



110138 Alternator 14 V, 40 Amp
 Replacing: 8AL2065K, 110-750
 Servicing: Daihatsu, Honda, Mitsubishi, Toyota
 Grooves 1, Length 162.00, Pulley P, Fan EF
 A: 42.50 B: 11.00 C: 75.75 mm



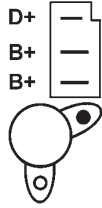
110173 Alternator 28 V, 75 Amp
 Replacing: 8SA3065P, 8SA3006P, 8SA3005P,
 8LHA3073PS, 8LHA3071P, 8LHA3025R,
 8LHA3025PA, 8LHA3025P, 8LHA2095R
 Servicing: Clark, DAF
 Length 246.00, Pulley w/o, Fan EF
 B: 14.50 C: 101.50 mm



110175 Alternator 28 V, 100 Amp
 Replacing: 8SC3019U, 8SC3015U, 8SC3014,
 8SC3011U, 8SC3003U, 8SC3002U, 110-316,
 110-302, 110-298, 110-183
 Servicing: Volvo Penta
 Length 249.00, Pulley w/o, Fan EF,
 Insulated return
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.
 B: 14.75 C: 103.00 mm



110176 Alternator 28 V, 175 Amp
 Replacing: 8SC3157V, 8SC3029Z, 8SC3014U,
 8SC3009ZA, 8SC3009Z, 8SC3005V, 110-569,
 110-258A, 110-258, 110-184
 Servicing: Volvo Penta
 Terminal W, Length 278.00, Pulley w/o,
 Fan EF, Insulated return
 B: 14.75 C: 101.50 mm



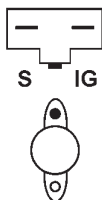
110179 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 8HA2009KA
 Servicing: Bedford, Case, Ford, Jaguar, Land
 Rover, LDV International, Lotus, Mercury,
 Triumph, Vauxhall
 Length 162.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing:
 HC-CARGO 134894.
 B: 9.75 C: 88.00 mm



110408 Alternator 14 V, 35 Amp
 Manufacturer: Prestolite
 Replacing: RA12N453, RA12N451,
 A12N452, A12N451, A12N451, 8SC4006U,
 8MR2051FAS, 8MR2051FA, 8MR2051F
 Servicing: American Motors, Jeep
 Terminal W, Length 145.00, Pulley w/o,
 Fan EF
 B: 27.00 mm



110422 Alternator 14 V, 30 Amp
 Replacing: TA12NJD400, TA12NJD325,
 TA12N400, TA12N327, TA12N325, 8TA2021E,
 8TA2011, 8TA2010ES, 8TA2010E
 Servicing: Thermo King
 Length 160.00, Pulley w/o, Fan EF
 Regulator: HC-CARGO 132713.
 B: 51.00 mm



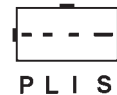
110445 Alternator 14 V, 90 Amp
 Replacing: 8MR2035T, 110-244, 110-238
 Servicing: John Deere
 Length 167.00, Pulley w/o, Fan EF
 B: 51.00 mm



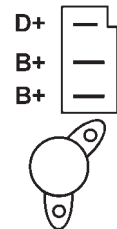
110487 Alternator 14 V, 37 Amp
 Replacing: 8MR2175F, 8EK2009FC, 8EK2009FB,
 8EK2009FA, 8EK2008FB, 8EK2008FA,
 8EK2006FB, 8EK2006FA, 8EK2004DC
 Servicing: Thermo King
 Length 180.00, Pulley w/o, Fan EF
 B: 27.00 mm



110488 Alternator 14 V, 65 Amp
 Replacing: 8MR2185L, 8EK2010NC,
 8EK2010NB, 8EK2010NA, 8EK2007ND,
 8EK2007NB, 8EK2007NA, 8EK2005NB,
 8EK2005NA
 Servicing: Thermo King
 Length 178.00, Pulley w/o, Fan EF
 B: 27.00 mm



110498 Alternator 14 V, 100/105 Amp
 Replacing: 8AR2068F, 8AR2066FA
 Servicing: Chevrolet, Pontiac
 Grooves 5, Length 170.00, Pulley SP,
 Fan EF
 Replacing: CS130.
 A: 74.00 B: 51.00 mm



110913 Alternator 14 V, 70 Amp
 Replacing: 9BE2KA2A21
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm

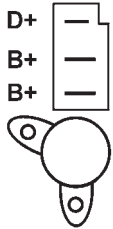
ALTERNATORS



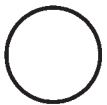
110937 Alternator 14 V, 200 Amp
 Replacing: 8SC2010Z, 8SC2007ZR, 8SC2004Z, 8SA2022R, 8SA2017R, 8LHC2010Z, 8LHC2004Z, 110-268, 110-255, 110-254
 Servicing: Cadillac, Caterpillar, International
 Terminal W, Length 230.00, Pulley w/o, Fan EF, Insulated return
 B: 15.00 C: 102.00 mm



110959 Alternator 14 V, 55 Amp
 Replacing: 8MR2091KSS, 8MR2049KA, 8MR2049K, 8MR2044K, 8MR2039K, 8MR2036K, 8MR2024F, 8MR2023F, 8EM2017K
 Servicing: Mercruiser, Mercury, OMC
 Terminal W, Grooves 1, Length 162.00, Pulley P, Fan EF
 Purple wire = +15. Red wire = S (+).
 A: 76.35 B: 50.70 mm



110975 Alternator 14 V, 65 Amp
 Replacing: 9FB2LD2A05
 Servicing: Audi, Various Agriculture Vehicles, VW
 Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF
 A: 82.85 B: 56.25 mm



111096 Alternator 14 V, 51 Amp
 Replacing: 8AL2034K
 Servicing: VW
 Length 261.00, Pulley w/o, Fan w/o



111575 Alternator 14 V, 90 Amp
 Replacing: 8MR2069T, 110-602, 110-402
 Servicing: John Deere, Various Industrial applications
 Terminal W, Length 183.50, Pulley w/o, Fan EF, Insulated return
 w/ adjustable voltage regulator.
 B: 51.00 mm



111576 Alternator 14 V, 90 Amp
 Replacing: 8MR2070T, 110-603, 110-403
 Servicing: Mercury
 Terminal W, Length 180.00, Pulley w/o, Fan EF, Insulated return
 w/ adjustable regulator. Rotor shaft 5/8".
 B: 27.20 mm



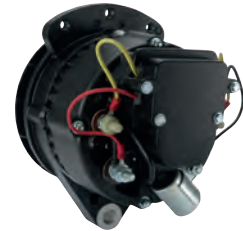
111761 Alternator 14 V, 105 Amp
 Replacing: 8MR2401UA, 8MR2401U, 110-567, 110-534
 Servicing: Various
 Terminal W, Length 180.00, Pulley w/o, Fan EF, Insulated return
 w/ adjustable regulator. Units must be self-starting. With 2 W terminals.
 B: 27.20 mm



112159 Alternator 28 V, 80 Amp
 Replacing: MDA3920
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.
 Terminal W, Length 186.00, Pulley w/o, Fan EF
 B: 80.40 mm



112294 Alternator 28 V, 110 Amp
 Replacing: 8LHA3096UC, 8LHA3096U, 110-459
 Servicing: Caterpillar
 Terminal W, Length 243.00, Pulley w/o, Fan EF, Insulated return
 B: 14.50 C: 101.50 mm



113549 Alternator 28 V, 35 Amp
 Replacing: 8HC3025F, 8HC3022FS, 8HC3022F, 110-285
 Servicing: Caterpillar
 Length 186.00, Pulley w/o, Fan EF, Insulated return
 D+ = 3/16 W.
 B: 27.20 mm



113898 Alternator 14 V, 185 Amp
 Replacing: 8SC2282VG, 110-565
 Servicing: New Holland
 Terminal W, Length 263.00, Pulley w/o, Fan EF, Insulated return
 B: 14.00 C: 103.00 mm



114347 Alternator 28 V, 150 Amp
 Replacing: 8SC3068VC, 8SC3068V, 110-431
 Servicing: Caterpillar, Cummins
 Length 249.00, Pulley w/o, Fan EF
 B: 14.50 C: 102.00 mm



114348 Alternator 28 V, 150 Amp
 Replacing: 8SC3150VC, 8SC3110VC,
 8SC3110V, 110-568
 Servicing: Thermo King
 Length 266.40, Pulley w/o
 For battery less system.
 B: 13.00 C: 102.20 mm



114349 Alternator 28 V, 150 Amp
 Replacing: 8SC3238VC
 Servicing: Cummins, Xichai-Fawd
 Length 267.90, Pulley w/o
 B: 14.00 C: 101.00 mm

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116314* Alternator 14 V, 65 Amp
 Replacing: 8MR2327L
 Servicing: Carrier Transicold, Kubota
 Length 190.00, Pulley w/o, Fan EF
 B: 27.20 mm



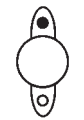
110562 Alternator 28 V, 25 Amp
 Replacing: 0-33000-6511, 0-33000-5870,
 0-33000-5860, 0-33000-5280, 0-33000-3070,
 0-33000-2860
 Servicing: Komatsu
 Grooves 1, Length 210.00, Pulley P, Fan EF
 A: 62.55 B: 12.05 C: 73.50 mm



110657 Alternator 28 V, 40 Amp
 Replacing: 0-33000-6580, 0-33000-6510,
 0-33000-5880, 0-33000-5850, 0-33000-5840
 Servicing: Komatsu
 Grooves 2, Length 221.00, Pulley DP,
 Fan EF
 A: 62.75 B: 12.25 C: 68.80 mm



111051 Alternator 28 V, 25 Amp
 Replacing: 0-33000-6000, 0-33000-3760,
 0-33000-3700
 Servicing: Isuzu, Komatsu
 Grooves 2, Length 205.50, Pulley DP, Fan EF
 A: 60.00 B: 16.15 C: 70.35 mm



112160 Alternator 28 V, 75 Amp
 Replacing: 0-35000-0480, 0-35000-0471,
 0-35000-0461, 0-35000-0460, 0-35000-0392,
 0-35000-0391, 0-35000-0390
 Servicing: Cummins, International Harv., John
 Deere, Komatsu, New Holland, Timberjack
 Length 215.50, Pulley w/o, Fan EF
 Replacing: 21SI. One wire system.
 B: 14.25 C: 101.50 mm



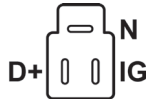
113212 Alternator 28 V, 20 Amp
 Replacing: 0-33000-6250, 0-33000-5700,
 0-33000-5670, 0-33000-5510
 Servicing: Mitsubishi
 Grooves 1, Length 168.00, Pulley P,
 Fan EF
 A: 44.50 B: 13.50 C: 81.50 mm



115445 Alternator 28 V, 60 Amp
 Replacing: 0-35000-4501, 0-35000-4500,
 0-35000-4220, 0-35000-4190
 Servicing: Daewoo, Komatsu
 Grooves 8, Length 223.00, Pulley SP,
 Fan EF
 A: 46.00 B: 15.50 C: 101.00 mm



115534 Alternator 28 V, 90 Amp
 Replacing: 0-35000-8641, 0-35000-8390,
 0-35000-8380
 Servicing: Komatsu
 Terminal W, Length 222.00, Pulley w/o,
 Fan EF
 B: 14.50 C: 101.80 mm



115780 Alternator 28 V, 40 Amp
 Replacing: 0-35000-3370
 Servicing: JCB, John Deere, Various
 Industrial applications
 Terminal DP, Grooves 2, Length 208.00,
 Pulley DP, Fan EF
 A: 59.50 B: 15.65 C: 69.40 mm



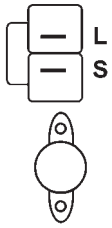
115814 Alternator 28 V, 50 Amp
 Replacing: 0-35000-4858
 Servicing: Isuzu, JCB, Takeuchi
 Grooves 7, Length 187.00, Pulley SP,
 Fan EF
 A: 48.30 B: 16.20 C: 83.60 mm



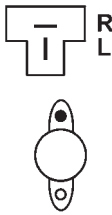
115994 Alternator 28 V, 40 Amp
 Replacing: 0-35000-3013, 0-35000-3012,
 0-35000-3011, 0-35000-3010
 Servicing: Isuzu
 Terminal W, Grooves 2, Length 220.00,
 Pulley DP, Fan EF
 A: 60.00 B: 16.00 C: 68.00 mm



115792 Alternator 14 V, 130 Amp
 Replacing: D276001013
 Servicing: Kenworth
 Pulley w/o, Fan EF
 B: 80.00 C: 108.00 mm



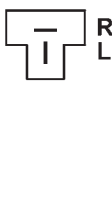
112334 Alternator 14 V, 75 Amp
 Replacing: 02131-9040
 Servicing: Kia
 Grooves 5, Length 234.50, Pulley SP, Fan IF
 A: 46.00 B: 13.00 C: 80.00 mm



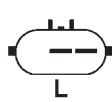
112506 Alternator 14 V, 60 Amp
 Replacing: 02121-8073, 02121-8072, 02121-8071, 02121-8070, 02121-8027, 02121-8026, 02121-8025
 Servicing: Kia
 Grooves 1, Length 255.00, Pulley P, Fan EF
 A: 51.00 B: 13.00 C: 80.20 mm



113328 Alternator 14 V, 120 Amp
 Replacing: 02131-9311, 02131-9310, 02131-9113, 02131-9112, 02131-9111, 02131-9110
 Servicing: Hyundai, Kia
 Grooves 6, Length 267.00, Pulley SP/FW, Fan IF
 A: 102.50 B: 63.70 mm



113903 Alternator 14 V, 60 Amp
 Replacing: 37300-2W001, 37300-2W000, 02121-8074
 Servicing: Kia
 Grooves 2, Length 226.00, Pulley DP, Fan EF
 A: 46.50 B: 13.00 C: 80.60 mm



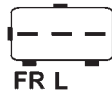
114287 Alternator 14 V, 110 Amp
 Manufacturer: Denso
 Replacing: 02131-9212
 Servicing: Kia
 Grooves 7, Length 195.00, Pulley SP/FW, Fan IF
 Alternative no.: 116358
 A: 43.00 B: 28.00 C: 54.30 mm



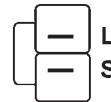
114414 Alternator 28 V, 55 Amp
 Replacing: 02142-5070
 Servicing: Hino, Nissan
 Grooves 2, Length 198.00, Pulley DP
 A: 49.90 B: 14.20 C: 89.90 mm



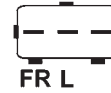
114766 Alternator 14 V, 60 Amp
 Replacing: 02121-9022, 02121-9021, 02121-9020
 Servicing: Kia
 Grooves 1, Pulley SP, Fan EF
 A: 47.00 C: 80.00 mm



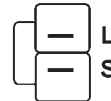
114827 Alternator 14 V, 120 Amp
 Replacing: 02131-9131, 02131-9130
 Servicing: Hyundai, Kia
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 20.00 C: 55.50 mm



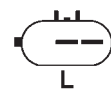
115409 Alternator 14 V, 120 Amp
 Replacing: 02131-9262, 02131-9261
 Servicing: Hyundai, Kia
 Grooves 6, Pulley SP/FW, Fan IF
 A: 103.00 B: 63.00 mm



115737 Alternator 14 V, 130 Amp
 Replacing: 02131-9153
 Servicing: Hyundai, Kia
 Grooves 6, Length 188.00, Pulley SP, Fan IF
 A: 42.50 B: 20.00 C: 43.00 mm



115937 Alternator 14 V, 75 Amp
 Manufacturer: Valeo/Mando
 Replacing: 02131-9021, 02131-9020
 Servicing: Kia
 Grooves 1, Length 214.00, Pulley P, Fan EF
 A: 45.00 B: 13.00 C: 80.00 mm



116027 Alternator 14 V, 110 Amp
 Replacing: 02131-9340
 Servicing: Hyundai
 Grooves 7, Length 174.00, Pulley SP/FW, Fan IF
 A: 45.00 B: 15.50 C: 31.50 mm

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116358* Alternator
 Replacing: 02131-9212
 Servicing: Kia

Alternative no.: 114287



110173 Alternator 28 V, 75 Amp
 Replacing: 860053
 Servicing: Clark, DAF
 Length 246.00, Pulley w/o, Fan EF
 B: 14.50 C: 101.50 mm



110175 Alternator 28 V, 100 Amp
 Replacing: 8SC3133U
 Servicing: Volvo Penta
 Length 249.00, Pulley w/o, Fan EF, Insulated return
 Fan: HC-CARGO 134317. Pulley: HC-CARGO 131176.
 B: 14.75 C: 103.00 mm



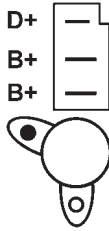
110408 Alternator 14 V, 35 Amp
 Manufacturer: Prestolite
 Replacing: 8AL2026F, 8AL2025F, 8AL2014F
 Servicing: American Motors, Jeep
 Terminal W, Length 145.00, Pulley w/o, Fan EF
 B: 27.00 mm



110427 Alternator 28 V, 22 Amp
 Replacing: ANB7004, ANB7003, ANB7002, ANB7001, ANB6004, ANB6002, ANB6001, 51-212, 51-178
 Servicing: Case, Caterpillar
 Grooves 2, Length 267.00, Pulley DP, Fan w/o
 A: 83.30 B: 15.50 C: 102.19 mm



110895 Alternator 28 V, 55 Amp
 Replacing: AELB697, 859232
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong
 Terminal W, Length 196.50, Pulley w/o, Fan EF
 B: 80.00 mm



110968 Alternator 14 V, 70 Amp
 Replacing: 66021636
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P, Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 11.00 C: 82.00 mm



111295 Alternator 28 V, 55 Amp
 Replacing: 859327
 Servicing: Cummins, Perkins
 Terminal W, Length 188.60, Pulley w/o, Fan EF, Insulated return
 Shaft dia. 19.00 mm.
 B: 76.25 mm



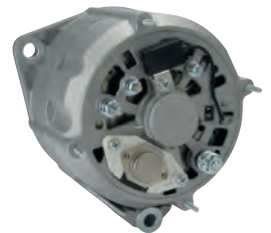
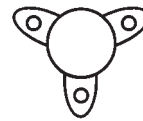
111746 Alternator 28 V, 80 Amp
 Replacing: 860551
 Servicing: Volvo
 Terminal W, Length 189.00, Pulley w/o, Fan EF
 B: 14.50 C: 103.50 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 860557
 Servicing: Scania
 Terminal W, Length 190.00, Pulley w/o, Fan w/o
 B: 23.25 C: 68.70 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 860141
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: 110-872
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.
 Terminal W, Length 186.00, Pulley w/o, Fan EF
 B: 80.40 mm



112189 Alternator 28 V, 80 Amp
 Replacing: 860561
 Servicing: Renault V.I.
 Terminal W, Length 185.50, Pulley w/o, Fan EF, Insulated return
 B: 27.00 C: 71.25 mm

ALTERNATORS



112343 Alternator 28 V, 140 Amp
 Replacing: 1277700
 Servicing: Renault V.I., Scania, Volvo
 Terminal W, Length 304.50, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.30 C: 182.00 mm



112345 Alternator 28 V, 55 Amp
 Replacing: 858884
 Servicing: Volvo
 Terminal W, Length 179.50, Pulley w/o, Fan w/o
 B: 51.50 mm

W 15DFM



113351 Alternator 28 V, 100 Amp
 Replacing: 860807
 Servicing: Mercedes-Benz
 Terminal W, Length 196.00, Pulley w/o, Fan IF
 Alternative no.: 115557
 B: 80.00 mm

W 15DFM



113998 Alternator 28 V, 110 Amp
 Replacing: 860808
 Servicing: MAN
 Terminal W, Length 198.00, Pulley w/o, Fan IF
 Alternative no.: 115492
 B: 79.50 mm

W 15DFM



114016 Alternator 28 V, 110 Amp
 Manufacturer: Bosch
 Replacing: 860808GB
 Servicing: MAN
 Terminal W, Length 179.00, Pulley w/o, Fan IF
 Alternative no.: 116478
 B: 80.00 mm

W 15DFM



114212 Alternator 28 V, 110 Amp
 Replacing: 860804
 Servicing: Renault V.I., Volvo
 Length 201.80, Pulley w/o, Fan IF
 Alternative no.: 115488
 B: 13.50 C: 106.00 mm

W 15DFM



115496 Alternator 28 V, 120 Amp
 Manufacturer: Bosch
 Replacing: AV1147S3103HD
 Servicing: MAN, Neoplan, Temsa
 Length 205.00, Pulley w/o, Fan IF
 Alternative no.: 114528
 B: 80.00 mm

W 15DFM



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115618 Alternator 28 V, 100 Amp
 Replacing: 860809
 Servicing: Bova, DAF, Solaris
 Length 193.00, Pulley w/o, Fan IF
 Alternative no.: 115617
 B: 80.10 mm



116079 Alternator 14 V, 90 Amp
 Replacing: 8MR2349
 Servicing: Thermo King
 Length 195.00, Pulley w/o, Fan EF
 B: 27.40 mm

W 15DFM

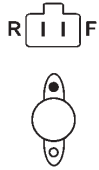


116291 Alternator 28 V, 100 Amp
 Replacing: 861311
 Servicing: Mercedes-Benz, Setra
 Grooves 8, Length 218.00, Pulley SP, Fan IF
 A: 38.70 B: 80.10 C: 107.50 mm

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116314* Alternator 14 V, 65 Amp
 Replacing: 8MR2327L, 8MR2326L, 8MR2124L, 8MR2121LA
 Servicing: Carrier Transcold, Kubota
 Length 190.00, Pulley w/o, Fan EF
 B: 27.20 mm


110075 Alternator 14 V, 60 Amp

Replacing: 1102945, 1102944, 1102370, 1100951, 1100944, 1100943, 1100939, 1100933, 1100932, 1100931, 1100921

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat-Allis, GMC, International, Jeep, Oldsmobile, Pontiac

Grooves 1, Length 176.00, Pulley P, Fan EF
Regulator: HC-CARGO 130505.

A: 75.00 B: 51.00 mm

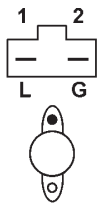

110112 Alternator 28 V, 40 Amp

Replacing: 19025074

Servicing: Volvo, Volvo Penta

Terminal W, Length 175.50, Pulley w/o, Fan w/o

B: 51.00 mm


110233 Alternator 14 V, 63 Amp

Replacing: 1979867, 1979866, 1979865, 1979863, 1979862, 1979861, 1979860, 19020501, 1105649, 1105632, 1105365

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac

Grooves 1, Length 170.00, Pulley P, Fan EF
Replacing: 10SI.

A: 75.00 B: 51.00 mm


110235 Alternator 14 V, 80 Amp

Replacing: 1105552, 1105512, 1105433, 1105415, 1105347, 1105346, 1105343, 1105342, 1105339, 1105335, 1105333

Servicing: American Motors, Buick, Cadillac, Chevrolet, Fiat, GMC, Jeep, Oldsmobile, Pontiac

Length 179.00, Pulley w/o, Fan w/o
Replacing: 15SI.

B: 50.70 mm


110300 Alternator 28 V, 65 Amp

Replacing: 321-654, 1105476, 1105475, 1105474, 1100274, 1100211, 1100093, 1100077, 10463160

Servicing: Case, International

Terminal W, Length 226.50, Pulley w/o, Fan EF

Replacing: 27SI. Shaft dia. 22.00 mm. Fan: HC-CARGO 131854.

B: 11.90 C: 103.00 mm

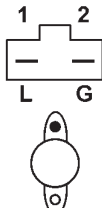

110350 Alternator 14 V, 44 Amp

Replacing: 19025772

Servicing: Fiat, Lada

Grooves 1, Length 166.00, Pulley P, Fan EF

A: 46.50 B: 19.50 C: 60.50 mm


110471 Alternator 14 V, 94 Amp

Replacing: 1105654, 1105651, 1105630, 1105629, 1105604, 1105602, 1105592, 1105582, 1105581, 1105572, 1105569

Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Grooves 1, Length 170.00, Pulley P, Fan EF
Replacing: 12SI.

A: 77.00 B: 51.00 mm


110492 Alternator 14 V, 108 Amp

Replacing: 1105681, 1105639, 1105587, 1105571, 1105570, 1105553, 1105549, 1105515, 1105513, 1105509, 1105497

Servicing: Buick, Chevrolet, GMC, Oldsmobile, Pontiac

Grooves 1, Length 178.00, Pulley P, Fan EF
Replacing: 17SI.

A: 74.50 B: 50.50 mm


110498 Alternator 14 V, 100/105 Amp

Replacing: 1101141, 1101138, 1101137, 10480085, 10463015, 10463012, 10463011

Servicing: Chevrolet, Pontiac

Grooves 5, Length 170.00, Pulley SP, Fan EF
Replacing: CS130.

A: 74.00 B: 51.00 mm


110499 Alternator 14 V, 100/105 Amp

Replacing: 1102601, 1102600, 1101822, 1101810, 1101596, 1101595, 1101593, 1101583, 1101278, 1101277, 1101231

Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac

Length 172.00, Pulley w/o, Fan EF
Replacing: CS130.

B: 51.00 mm


110500 Alternator 14 V, 100/105 Amp

Replacing: 10480104, 10480097, 10480028

Servicing: AM General, Buick, Chevrolet, GMC, Oldsmobile

Length 168.50, Pulley w/o, Fan EF

B: 51.00 mm


110502 Alternator 14 V, 100/105 Amp

Replacing: 1105678, 1105677, 1101806, 10497145, 10497122, 10480088, 10463419

Servicing: Buick, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac

Grooves 6, Length 170.00, Pulley SP, Fan EF
Replacing: CS130.

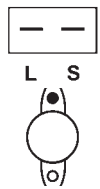
A: 73.00 B: 50.50 mm



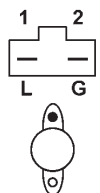
110503 Alternator 14 V, 100/105 Amp
 Replacing: 1105701, 1105697, 1102614, 1101605, 1101461, 10479963, 10479815, 10463264, 10463175, 10463114
 Servicing: Buick, Chevrolet, Pontiac
 Grooves 5, Length 167.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 72.50 B: 51.00 mm



110504 Alternator 14 V, 90 Amp
 Replacing: 1105073, 1102875, 1100589
 Servicing: Buick, Case, Chevrolet, Fiat-Allis, International, Jeep
 Terminal W, Length 168.00, Pulley w/o, Fan EF
 Same as HC-CARGO 110505 (75 A).
 B: 51.00 mm



110505 Alternator 14 V, 75 Amp
 Replacing: 1105686, 1105645, 1105619, 1105584, 1105574, 1105573, 1105559, 1105558, 1105556, 1105522, 1105520
 Servicing: American Motors, Buick, Cadillac, Chevrolet, GMC, International, Jeep, Oldsmobile, Pontiac
 Length 168.00, Pulley w/o, Fan w/o
 Replacing: CS130. As HC-CARGO 110504 (90 A).
 B: 50.50 mm



110508 Alternator 14 V, 78 Amp
 Replacing: 321-1015, 1979859, 1979858, 1979857, 1105708, 1105707, 1105706, 1105705, 1105704, 1105703, 1105692
 Servicing: American Motors, Buick, Cadillac, Case, Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
 Grooves 1, Length 171.00, Pulley P, Fan EF
 Replacing: 12SI.
 A: 77.00 B: 50.50 mm



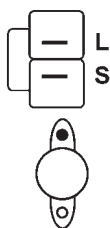
110544 Alternator 28 V, 125 Amp
 Manufacturer: Remy
 Replacing: 19025347, 19025304
 Servicing: Ikarus
 Terminal W, Grooves 2, Length 335.50, Pulley DP, Fan EF
 Saddle mounting.



110591 Alternator 28 V, 75 Amp
 Replacing: 321-697, 321-655, 19010024, 19010008, 19010002, 19010000, 1117648, 1117256, 1117249, 1117238
 Servicing: Caterpillar, Various Agriculture Vehicles
 Length 306.00, Pulley w/o, Fan EF
 Replacing: 25SI. One wire system. B+ 7/16".
 B: 14.10 C: 101.50 mm



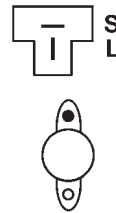
110611 Alternator 14 V, 55 Amp
 Replacing: 19025037
 Servicing: Allis Chalmers, Fiat, Seat
 Grooves 1, Length 175.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130613.
 A: 48.00 B: 17.00 C: 65.00 mm



110659 Alternator 14 V, 75 Amp
 Replacing: 10463728
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 156.30, Pulley SP, Fan IF
 A: 38.15 B: 13.00 C: 55.00 mm



110682 Alternator 14 V, 70 Amp
 Replacing: 321-523, 10479805, 10463267
 Servicing: GEO, Toyota
 Grooves 5, Length 160.00, Pulley SP, Fan IF
 A: 87.50 B: 58.00 mm



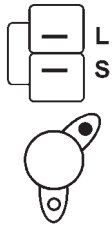
110703 Alternator 14 V, 55 Amp
 Replacing: 10463734
 Servicing: Nissan, Subaru
 Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 42.66 B: 13.00 C: 80.25 mm



110724 Alternator 14 V, 60 Amp
 Replacing: 321-409, 1102615, 1101483, 1101291, 1101176, 10479916, 10465016, 10463118
 Servicing: Buick, Jeep
 Length 169.00, Pulley w/o, Fan EF
 Replacing: CS121.
 B: 51.00 mm



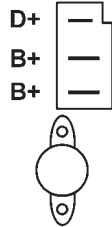
110801 Alternator 28 V, 45 Amp
 Replacing: 321-665, 321-660, 1117655, 1117650, 1117647, 1117645, 1117644, 1117643, 1117642, 1117640, 1117623
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International
 Terminal W, Length 270.00, Pulley w/o, Fan EF
 B: 14.80 C: 100.00 mm



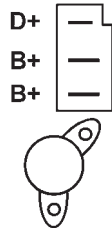
110802 Alternator 14 V, 75 Amp
 Replacing: 10463807
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 159.50, Pulley SP, Fan IF
 A: 35.00 B: 13.25 C: 77.60 mm



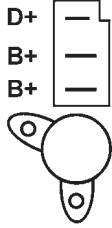
110890 Alternator 14 V, 55 Amp
 Replacing: 19025046
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 169.00, Pulley P, Fan w/o
 A: 49.00 B: 17.00 C: 63.00 mm



110912 Alternator 14 V, 55 Amp
 Replacing: 19025067, 19025056, 19025049
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 44.50 B: 16.40 C: 66.00 mm



110913 Alternator 14 V, 70 Amp
 Replacing: 19025071
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm



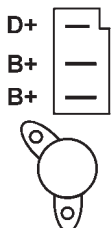
110923 Alternator 14 V, 55 Amp
 Replacing: 19025069
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP, Fan EF
 A: 92.00 B: 56.00 mm



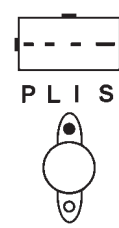
110937 Alternator 14 V, 200 Amp
 Replacing: 1117743, 1117735, 1117164, 1117160, 1117148, 1117147, 10459016
 Servicing: Cadillac, Caterpillar, International
 Terminal W, Length 230.00, Pulley w/o, Fan EF, Insulated return
 B: 15.00 C: 102.00 mm



110952 Alternator 28 V, 40 Amp
 Replacing: 1105537, 1105510, 1103123, 1103031, 1102919, 1102918, 1101204
 Servicing: Case, Fiat-Allis
 Terminal W, Grooves 1, Length 166.50, Pulley P, Fan EF
 Replacing: 10SI.
 A: 75.55 B: 50.70 mm



110972 Alternator 14 V, 65 Amp
 Manufacturer: Prestolite
 Replacing: 3472068, 3472067, 3472052, 3472050, 3471214, 068, 067, 052, 050
 Servicing: Opel, Various Agriculture Vehicles, Vauxhall
 Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 87.90 B: 56.00 mm



110984 Alternator 14 V, 100/105 Amp
 Replacing: 321-431, 1105689, 1105661, 1102631, 1102630, 1102629, 1101814, 1101636, 1101635, 1101634, 1101571
 Servicing: Buick, Chevrolet, GMC
 Grooves 6, Length 170.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 73.00 B: 50.75 mm



110985 Alternator 14 V, 100/105 Amp
 Replacing: 1101255, 1101254, 1101253, 10463099
 Servicing: Chevrolet, GMC, Pontiac
 Grooves 6, Length 171.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 73.00 B: 50.85 mm



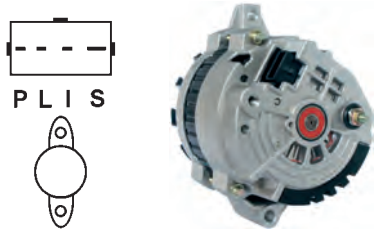
110986 Alternator 14 V, 100/105 Amp
 Replacing: 1101170, 1101167, 10463041, 10463037, 10463036, 10463035
 Servicing: Jeep
 Grooves 6, Length 174.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 73.00 B: 50.80 mm



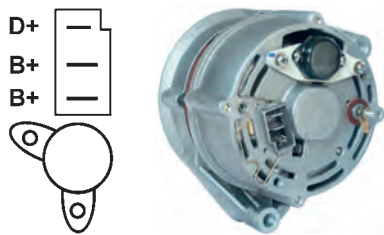
111035 Alternator 14 V, 65 Amp
 Replacing: 19025789, 19025787, 19025051
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm



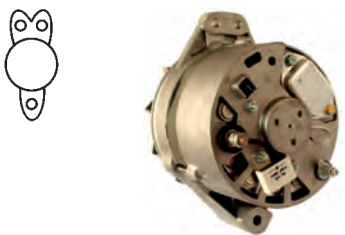
111036 Alternator 14 V, 45 Amp
 Replacing: 19025791
 Servicing: Autobianchi, Fiat, Lancia
 Grooves 1, Pulley P, Fan EF
HC-CARGO 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



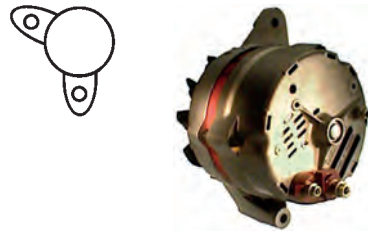
111090 Alternator 14 V, 105 Amp
 Replacing: 1101843, 1101601, 1101264, 1101127, 10463007
 Servicing: Chevrolet, GMC, Oldsmobile
 Length 170.30, Pulley w/o, Fan EF
 Replacing: CS130.
 B: 51.00 mm



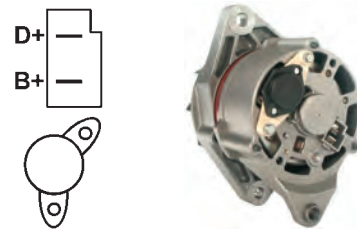
111093 Alternator 14 V, 70 Amp
 Replacing: 19025070
 Servicing: Mercedes-Benz
 Grooves 6, Length 183.50, Pulley SP, Fan EF
 A: 92.00 B: 56.00 mm



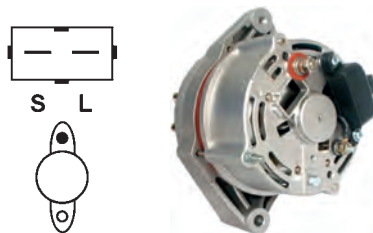
111168 Alternator 14 V, 55 Amp
 Replacing: 719, 619, 3493719, 3493619, 3472208, 3472066, 3472051, 208, 066, 051
 Servicing: Ferrari, Opel, Vauxhall
 Terminal W, Grooves 1, Length 170.00, Pulley P, Fan EF
 A: 84.00 B: 56.00 mm



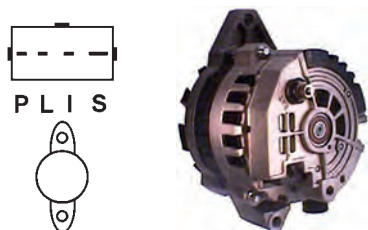
111169 Alternator 14 V, 70 Amp
 Replacing: 621, 3493721, 3493621, 3493220, 3472121, 3472120, 220, 121, 120, 1101551
 Servicing: Opel, Vauxhall
 Grooves 1, Length 169.50, Pulley P, Fan EF
 A: 85.00 B: 56.00 mm



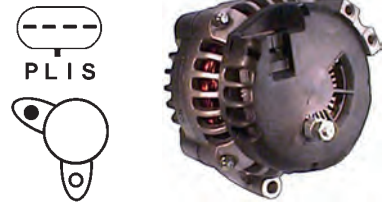
111180 Alternator 14 V, 33 Amp
 Replacing: 19025063, 19025042
 Servicing: Fiat, Fiat-Allis, Lamborghini, Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 116133
 A: 49.00 B: 25.00 C: 74.00 mm



111216 Alternator 14 V, 37 Amp
 Replacing: 19020507
 Servicing: Thermo King
 Terminal W, Length 176.00, Pulley w/o, Fan EF
 B: 51.00 mm



111220 Alternator 14 V, 105 Amp
 Replacing: 1102607, 10479962, 10463214
 Servicing: Buick, Chevrolet, Ford, Oldsmobile, Pontiac
 Grooves 6, Length 170.25, Pulley SP, Fan EF
 Replacing: CS130.
 A: 72.62 B: 51.00 mm



111223 Alternator 14 V, 105 Amp
 Replacing: 10480252, 10480190, 10480189, 10480072, 10480017, 10479991, 10463443, 10463408
 Servicing: Chevrolet, GMC
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 Replacing: CS130D.
 A: 73.00 B: 51.00 mm



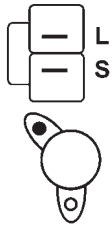
111232 Alternator 14 V, 115 Amp
 Replacing: 19010212, 19010192, 19010189, 19010179, 19010176, 19010175, 19010174, 19010173, 19010172, 19010171
 Servicing: International, Volvo
 Terminal W, Length 215.00, Pulley w/o, Fan EF
 Replacing: 21SI. One wire system. B+ 1/4".
 B: 14.30 C: 101.80 mm



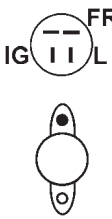
111250 Alternator 14 V, 42 Amp
 Replacing: 1105478, 1102496, 1102393, 1100915, 1100914, 1100912, 1100894, 1100577, 1100576
 Servicing: Crusader, Mercruiser, OMC
 Grooves 1, Length 172.00, Pulley P, Fan EF
 Replacing: 10SI. One wire system.
 A: 74.95 B: 50.45 mm



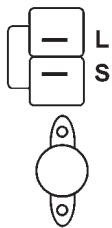
111261 Alternator 28 V, 50 Amp
 Replacing: 321-698, 321-602, 19010020, 19010006, 19010001, 1117258, 1117253, 1117250, 1117248, 1117243
 Servicing: Caterpillar
 Length 306.00, Pulley w/o, Fan EF
 B: 14.10 C: 102.00 mm



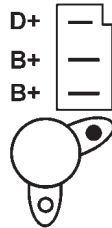
111264 Alternator 14 V, 80 Amp
 Replacing: 10464158
 Servicing: Infiniti, Nissan
 Grooves 6, Length 159.00, Pulley SP,
 Fan IF
 A: 37.85 B: 25.45 C: 81.15 mm



111285 Alternator 14 V, 70 Amp
 Replacing: 10464174
 Servicing: Honda
 Grooves 4, Length 150.00, Pulley SP,
 Fan IF
 A: 90.00 B: 57.80 mm



111315 Alternator 14 V, 90 Amp
 Replacing: 10464165
 Servicing: Ford, Mazda
 Grooves 5, Length 155.50, Pulley SP,
 Fan IF
 A: 37.65 B: 13.20 C: 66.45 mm



111364 Alternator 14 V, 55 Amp
 Replacing: 3472021
 Servicing: Ford, Rover
 Terminal W, Grooves 1, Length 166.00,
 Pulley P, Fan EF
 A: 35.50 B: 12.50 C: 81.00 mm



111406 Alternator 14 V, 110 Amp
 Replacing: 10463820
 Servicing: Dodge, Hyundai, Mitsubishi
 Grooves 6, Length 170.00, Pulley SP,
 Fan IF
 A: 23.50 B: 17.25 C: 55.40 mm



111418 Alternator 14 V, 60 Amp
 Replacing: 19025068
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 165.50, Pulley P,
 Fan EF
 Alternative no.: 115873
 A: 49.00 B: 17.00 C: 66.00 mm



111426 Alternator 14 V, 100 Amp
 Replacing: 923, 824, 823, 409, 384, 3493927,
 3493923, 3493824, 3493823, 3493409,
 10480409, 10480384, 10480222
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 A: 51.00 B: 33.75 C: 56.00 mm



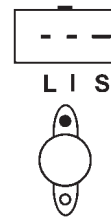
111514 Alternator 14 V, 100 Amp
 Replacing: 955, 914, 855, 814, 455, 454,
 3493955, 3493914, 3493855, 3493815,
 3493814, 3493455, 3493454
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 183.00, Pulley SP,
 Fan IF
 A: 52.00 B: 34.00 C: 56.00 mm



111654 Alternator 14 V, 65 Amp
 Replacing: 19025062, 19025059
 Servicing: Fiat, Lancia
 Length 158.00, Pulley w/o, Fan EF
 B: 16.00 C: 64.00 mm



111686 Alternator 14 V, 65 Amp
 Replacing: 19025060
 Servicing: Alfa Romeo, Fiat, Iveco,
 Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P,
 Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



111708 Alternator 14 V, 85 Amp
 Replacing: 96252548, 96224432, 29219091,
 219298, 219091, 10479999, 10479990
 Servicing: Daewoo
 Grooves 5, Length 181.00, Pulley SP,
 Fan IF
 A: 86.50 B: 50.50 mm

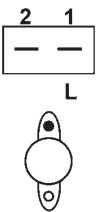


111711 Alternator 14 V, 105 Amp
 Replacing: 10480087, 10480082, 10480069,
 10463418, 10463413, 10463389
 Servicing: Chevrolet, GMC
 Grooves 6, Length 171.00, Pulley SP,
 Fan EF
 Replacing: CS130.
 A: 73.00 B: 51.00 mm

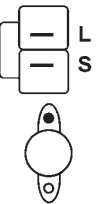
ALTERNATORS



111712 Alternator 14 V, 105 Amp
 Replacing: 10480198, 10480168, 10480167, 10463940, 10463690, 10463652, 10463651
 Servicing: Chevrolet, GMC
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 Replacing: CS130D.
 A: 72.00 B: 51.00 mm



111713 Alternator 14 V, 105 Amp
 Replacing: 321-667, 1105609, 1105579, 1105560, 1105540, 1105539, 1105538, 1105536, 1105535, 1105418, 1102551
 Servicing: Allis Chalmers, Case, Ford, John Deere, New Holland
 Terminal W, Grooves 1, Length 183.00, Pulley P, Fan EF
 Replacing: 15SI.
 A: 77.00 B: 50.70 mm



111807 Alternator 14 V, 70 Amp
 Replacing: 10464388, 10464206
 Servicing: Kia, Mazda
 Grooves 4, Length 158.00, Pulley SP, Fan IF
 A: 38.00 B: 13.50 C: 66.50 mm



111833 Alternator 28 V, 140 Amp
 Replacing: 19025330
 Servicing: Drögmöller, Mercedes-Benz, Setra, Various Agriculture Vehicles
 Terminal W, Length 302.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm. Heavy duty type: HC-CARGO 113589. 180 A. w/ bushing in rear brackethole.
 Alternative no.: 116063
 B: 15.70 C: 182.00 mm



111834 Alternator 28 V, 55 Amp
 Replacing: 1117252
 Servicing: Scania
 Terminal W, Length 180.00, Pulley w/o, Fan EF
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



111842 Alternator 28 V, 140 Amp
 Replacing: 19025333
 Servicing: Ikarus, Iveco, MAN, Mercedes-Benz, Neoplan
 Terminal W, Length 313.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.00 C: 180.00 mm



111846 Alternator 14 V, 80 Amp
 Replacing: 96252551, 96252547, 96224431, 219187, 10490073, 10490000, 10480073, 10480000
 Servicing: Daewoo
 Grooves 5, Length 190.00, Pulley SP, Fan EF
 A: 46.50 B: 13.00 C: 80.50 mm



111847 Alternator 14 V, 65 Amp
 Replacing: 96566262
 Servicing: Chevrolet, SGMW
 Grooves 1, Length 161.00, Pulley P, Fan IF
 A: 42.00 B: 15.10 C: 65.30 mm



111854 Alternator 14 V, 105 Amp
 Replacing: 1101644, 10480157, 10463624, 10463375
 Servicing: Chevrolet, Pontiac
 Grooves 6, Length 171.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 33.50 B: 11.70 C: 78.80 mm



111886 Alternator 28 V, 65 Amp
 Replacing: 19025114
 Servicing: Scania
 Terminal W, Length 190.00, Pulley w/o, Fan w/o
 B: 23.25 C: 68.70 mm



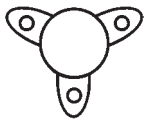
112056 Alternator 14 V, 70 Amp
 Replacing: 791, 741, 641, 3493791, 3493741, 3493641, 3493244, 3493230, 3472641, 3472152, 3472144, 3472130
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 1, Length 165.00, Pulley P, Fan EF
 A: 87.00 B: 56.00 mm



112076 Alternator 28 V, 80 Amp
 Replacing: 19025101
 Servicing: Iveco, Renault V.I., Scania
 Terminal W, Length 183.00, Pulley w/o, Fan EF
 B: 27.00 C: 71.00 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 19025057, 19025044
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112159 Alternator 28 V, 80 Amp
 Replacing: 19025107, 19025100
 Servicing: DAF, MAN, Mercedes-Benz, Renault V.I.
 Terminal W, Length 186.00, Pulley w/o, Fan EF
 B: 80.40 mm



112160 Alternator 28 V, 75 Amp
 Replacing: 19020391, 19020383, 19020382, 19020376, 19020346, 19020307, 19011192, 19010200, 19010199, 19010195
 Servicing: Cummins, International Harv., John Deere, Komatsu, New Holland, Timberjack
 Length 215.50, Pulley w/o, Fan EF
 Replacing: 21SI. One wire system.
 B: 14.25 C: 101.50 mm



S I L P



112165 Alternator 14 V, 75 Amp
 Replacing: DRX08378, 3493214, 215, 214, 10480215, 10480214
 Servicing: Renault
 Grooves 4, Length 179.00, Pulley SP, Fan IF
 A: 46.70 B: 27.00 C: 66.50 mm



112229 Alternator 14 V, 70 Amp
 Replacing: 947, 848, 847, 456, 3493848, 3493847, 10479947
 Servicing: Opel, Vauxhall
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 51.00 B: 33.50 C: 57.50 mm



112261 Alternator 28 V, 60 Amp
 Replacing: 1117838, 1117834, 1117831, 1117826, 1117805, 1117746, 1117734, 10461238, 10459057, 10459002
 Servicing: Caterpillar
 Length 268.00, Pulley w/o, Fan EF, Insulated return
 Replacing: 30SI.
 B: 14.00 C: 101.00 mm



112265 Alternator 28 V, 100 Amp
 Replacing: 1117836, 1117828, 1117817
 Servicing: Caterpillar, Cummins
 Length 268.00, Pulley w/o, Fan EF
 Replacing: 30SI. Negative grounding.
 B: 13.80 C: 101.10 mm



P L F S



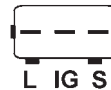
112338 Alternator 14 V, 105 Amp
 Replacing: 1101629, 1101628, 1101620, 1101318, 1101317, 1101293, 10479922, 10479921, 10479808, 10479807
 Servicing: Chevrolet, GMC
 Grooves 6, Length 171.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 72.00 B: 50.70 mm



112416 Alternator 14 V, 100 Amp
 Replacing: 93186485, 3493459, 3493225, 225, 10480225
 Servicing: Holden, Opel, Vauxhall
 Grooves 5, Length 180.00, Pulley SP, Fan IF
 A: 53.50 B: 33.50 C: 58.30 mm



112424 Alternator 28 V, 140 Amp
 Replacing: 19025339
 Servicing: Scania
 Terminal W, Length 285.00, Pulley w/o, Fan EF
 B- M8. Shaft 30.00 mm.
 B: 15.50 C: 182.00 mm



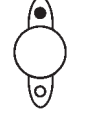
L I G S



112427 Alternator 28 V, 90 Amp
 Replacing: 8600498
 Servicing: Iveco
 Grooves 12, Length 198.00, Pulley SP, Fan IF
 Alternative no.: 115871
 A: 90.00 B: 57.60 mm

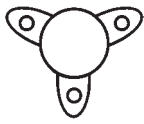


P L I S



112447 Alternator 14 V, 105 Amp
 Replacing: 1102644, 1101267, 1101266
 Servicing: Dodge, Eagle
 Grooves 6, Length 172.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 33.00 B: 12.90 C: 81.80 mm

ALTERNATORS



112561 Alternator 28 V, 80 Amp
 Replacing: 19070058, 19070006, 19025113
 Servicing: Mercedes-Benz
 Terminal W, Length 188.00, Pulley w/o, Fan EF
 B: 80.00 mm



112614 Alternator 14 V, 105 Amp
 Replacing: 10480187, 10479984, 10463407
 Servicing: Chevrolet, GMC, Isuzu
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 Replacing: CS130D.
 A: 73.00 B: 51.00 mm



112615 Alternator 14 V, 105 Amp
 Replacing: 321-1797, 321-1753, 10480378, 10480307, 10480264, 10480262, 10480240, 10480182, 10464409, 10464075
 Servicing: Buick, Chevrolet, Pontiac
 Grooves 6, Length 176.50, Pulley SP, Fan IF
 Replacing: CS130D.
 A: 44.00 B: 15.35 C: 39.00 mm



112629 Alternator 14 V, 100/105 Amp
 Replacing: 321-503, 321-479, 321-452, 321-439, 321-339, 321-1016, 1105715, 1105711, 1101647, 1101646, 1101645
 Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
 Grooves 6, Length 172.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 73.50 B: 50.90 mm



112639 Alternator 14 V, 100/105 Amp
 Replacing: 10480094, 10480084, 10463424, 10463415
 Servicing: Chevrolet, GMC, Pontiac
 Grooves 6, Length 172.00, Pulley SP, Fan EF
 Replacing: CS130.
 A: 74.00 B: 50.90 mm



112640 Alternator 14 V, 100/105 Amp
 Replacing: 1101633, 1101632, 1101111, 1101110, 10480099, 10480086, 10479997, 10479994, 10463425, 10463417
 Servicing: Buick, Cadillac, Chevrolet, GMC, Oldsmobile, Pontiac
 Grooves 6, Pulley SP, Fan EF
 Replacing: CS130.
 A: 73.50 B: 51.00 mm



112657 Alternator 28 V, 60 Amp
 Replacing: 219072
 Servicing: Various Industrial applications
 Grooves 8, Length 206.00, Pulley SP, Fan EF
 One wire hookup (self-exciting) type.
 A: 42.75 B: 14.85 C: 101.00 mm



112665 Alternator 14 V, 100 Amp
 Replacing: 10480254, 10480251, 10464084
 Servicing: Chevrolet, GMC, Isuzu, Oldsmobile
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 Replacing: CS130.
 A: 72.00 B: 50.80 mm



112720 Alternator 14 V, 100 Amp
 Replacing: 922, 3493273, 273, 10480273
 Servicing: Opel, Vauxhall
 A: 53.50 B: 33.40 C: 57.00 mm



112824 Alternator 14 V, 145 Amp
 Replacing: 321-739, 19020806, 19020801, 19020377, 19020365, 19020364, 19020359, 19020358, 19020323, 19020303
 Servicing: Freightliner, International, Kenworth, Mack
 Terminal W, Length 217.00, Pulley w/o, Fan EF
 Replacing: 22SI. Negative grounding. One wire system. R-Terminal universal. I-Terminal 10-24.
 B: 14.10 C: 100.60 mm



112834 Alternator 14 V, 145 Amp
 Replacing: 19020381, 19020379, 19020312, 19020310, 19020308, 19020306, 19020305, 10459472, 10459254, 10459217
 Servicing: Ford, International
 Terminal R, Length 221.00, Pulley w/o, Fan EF
 Replacing: 22SI. One wire system. B+ 1/4"-UNC. I-Terminal universal. R-Terminal 10-24.
 B: 13.20 C: 101.50 mm



112850 Alternator 14 V, 105 Amp
 Replacing: 321-1811, 321-1798, 321-1748, 10480388, 10480326, 10480229, 10464451, 10464438, 10464404
 Servicing: Cadillac, Chevrolet, GMC
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 Replacing: AD230.
 A: 72.50 B: 50.60 mm



112853 Alternator 14 V, 130 Amp
 Replacing: 321-1749, 15768830, 15750871, 10754097, 10480390, 10480234, 10464405
 Servicing: Buick, Cadillac, Chevrolet, GMC, Isuzu
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 Replacing: AD244.
 A: 71.70 B: 51.00 mm



112868 Alternator 14 V, 102 Amp
 Replacing: 321-1139, 10480184, 10463839
 Servicing: Chevrolet, Oldsmobile, Pontiac
 Grooves 5, Length 178.00, Pulley SP, Fan IF
 Replacing: CS130D.
 A: 55.00 B: 74.00 C: 74.00 mm



112880 Alternator 14 V, 120 Amp
 Replacing: 321-367, 321-275, 1105657, 1101518, 1101329, 1101296, 1101239, 10497111, 10463069
 Servicing: Cadillac
 Grooves 6, Length 186.00, Pulley SP, Fan EF
 Replacing: CS144.
 A: 79.00 B: 51.00 mm



112884 Alternator 14 V, 140 Amp
 Replacing: 321-594, 10480201, 10479891, 10463678, 10463338
 Servicing: Buick, Cadillac, Chevrolet, Oldsmobile, Pontiac
 Grooves 6, Length 177.50, Pulley SP, Fan EF
 Replacing: CS144.
 A: 73.00 B: 50.75 mm



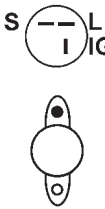
112886 Alternator 14 V, 140 Amp
 Replacing: 321-1006, 10479995, 10463377
 Servicing: Cadillac
 Grooves 6, Pulley SP, Fan EF
 Replacing: CS144.
 A: 73.00 B: 51.00 mm



112888 Alternator 14 V, 140 Amp
 Replacing: 321-1056, 10480203, 10480111, 10463680, 10463523
 Servicing: Pontiac
 Grooves 6, Length 179.50, Pulley SP, Fan EF
 A: 72.75 B: 51.00 mm



112893 Alternator 14 V, 140 Amp
 Replacing: 321-1429, 321-1134, 321-1095, 10480255, 10480206, 10480130, 10464081, 10463692, 10463636
 Servicing: AM General, Cadillac, Chevrolet, GMC
 Grooves 6, Length 179.00, Pulley SP, Fan EF
 Replacing: CS144.
 A: 73.50 B: 50.50 mm



112977 Alternator 14 V, 60 Amp
 Replacing: 10464209
 Servicing: Honda, Isuzu
 Grooves 4, Length 161.00, Pulley SP, Fan IF
 A: 91.50 B: 57.50 mm



112989 Alternator 14 V, 60 Amp
 Replacing: 321-666, 1117641, 1117628, 1117621, 1117620, 1117618, 1117613, 1117612, 1117611, 10459200, 10459020
 Servicing: Caterpillar, Chevrolet, Cummins, International, Mack, Massey Ferguson
 Terminal W, Length 223.00, Pulley w/o, Fan IF
 Replacing: 20SI. Negative grounding. One wire system. B+ 1/4".
 B: 14.85 C: 101.65 mm



112992 Alternator 28 V, 70 Amp
 Replacing: 1117915
 Servicing: Fiat-Allis
 Length 220.50, Pulley w/o, Fan EF
 Replacing: 20SI. Negative grounding. One wire system. B+ 5/16".
 B: 14.50 C: 101.55 mm



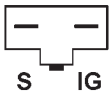
112993 Alternator 14 V, 130 Amp
 Replacing: 19010166, 19010163, 19010162, 19010161, 19010160, 19010159, 19010158, 19010157, 19010154, 19010137
 Servicing: Cummins, Ford, International, Volvo
 Terminal W, Length 217.00, Pulley w/o, Fan EF
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4". Shaft is 7/8 In = 22.255 mm.
 B: 14.20 C: 101.50 mm



112994 Alternator 14 V, 100 Amp
 Replacing: 19010181, 19010105, 19010101, 1117905, 1117892, 1117890, 1117887, 1117886, 1117885, 10459301
 Servicing: Cummins, Ford, International, Volvo
 Length 228.00, Pulley w/o, Fan EF
 Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".
 B: 13.60 C: 100.80 mm



112995 Alternator 14 V, 145 Amp
 Replacing: 19010202, 19010168, 19010139, 19010128, 19010127, 19010126, 19010115, 1117964, 1117963, 1117934
 Servicing: Kenworth, Mack
 Terminal W, Length 217.00, Pulley w/o, Fan EF
 Replacing: 21SI. Negative grounding. One wire system. B+ 5/16".
 B: 14.00 C: 101.00 mm



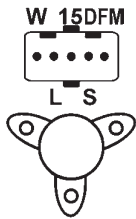
112996 Alternator 14 V, 115 Amp
 Replacing: 321-687, 19010207, 19010196, 19010191, 19010188, 19010187, 19010170, 19010150, 19010147, 19010145
 Servicing: Caterpillar, Ford, Freightliner, John Deere, Kenworth, Mack, New Holland, Volvo
 Length 217.50, Pulley w/o, Fan EF
 Replacing: 21SI. Negative grounding. B+ 1/4".
 B: 14.55 C: 100.50 mm



113349 Alternator 14 V, 85 Amp
 Replacing: 96404010, 219202, 219138
 Servicing: Daewoo
 Grooves 6, Length 183.50, Pulley SP, Fan IF
 A: 36.00 B: 13.00 C: 81.50 mm



113350 Alternator 14 V, 85 Amp
 Replacing: 219139
 Servicing: Chevrolet, Daewoo
 Grooves 5, Length 179.00, Pulley SP, Fan IF
 A: 36.00 B: 13.20 C: 81.30 mm



113351 Alternator 28 V, 100 Amp
 Replacing: 19070016, 19070015, 19070014, 19070009, 19070008, 19070007
 Servicing: Mercedes-Benz
 Terminal W, Length 196.00, Pulley w/o, Fan IF
 Alternative no.: 115557
 B: 80.00 mm



113376 Alternator 14 V, 55 Amp
 Replacing: 3493204, 3472204, 3472104, 3472061, 3472049, 3472039, 3472038, 3472024, 3472022
 Servicing: Bedford, Opel, Vauxhall
 Terminal W, Grooves 1, Length 167.50, Pulley P, Fan EF
 A: 76.60 B: 56.20 mm



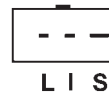
113432 Alternator 14 V, 145 Amp
 Replacing: 321-688, 19010156, 1117952, 1117948, 1117933, 1117924, 1117916, 10459051, 10459050
 Servicing: International, Kenworth, Mack, Renault Agriculture, Volvo
 Terminal W, Length 223.00, Pulley w/o, Fan EF
 Replacing: 21SI. Negative grounding. One wire system. B+ 1/4".
 B: 14.30 C: 101.20 mm



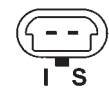
113448 Alternator 28 V, 100 Amp
 Replacing: 19025112, 19025111, 19025110, 19025109
 Servicing: Mercedes-Benz
 Terminal W, Length 211.00, Pulley w/o, Fan EF
 B: 80.00 mm



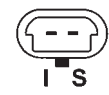
113457 Alternator 28 V, 60 Amp
 Replacing: 390049, 219055
 Servicing: Various Industrial applications
 Terminal W, Grooves 2, Length 210.00, Pulley DP, Fan EF
 A: 65.75 B: 14.00 C: 101.00 mm



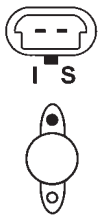
113498 Alternator 14 V, 80 Amp
 Replacing: 96404011, 96341300, 96255115, 96252115, 96206871, 219199, 219137
 Servicing: Chevrolet, Daewoo, Lancia
 Grooves 6, Length 166.00, Pulley SP, Fan IF
 A: 50.65 B: 33.65 C: 58.60 mm



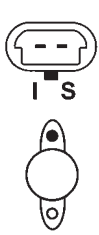
113685 Alternator 14 V, 70 Amp
 Replacing: 19020609, 19020601
 Servicing: Mercury
 Terminal W, Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 41.00 B: 16.80 C: 65.20 mm



113691 Alternator 14 V, 70 Amp
 Manufacturer: Remy
 Replacing: 19020616
 Servicing: Crusader, Hyster
 Terminal W, Grooves 2, Length 185.00, Pulley DP, Fan IF
 A: 76.75 B: 50.75 mm



113692 Alternator 14 V, 70 Amp
 Manufacturer: Remy
 Replacing: 19020608
 Servicing: Crusader
 Terminal W, Grooves 1, Length 176.00, Pulley P, Fan IF
 A: 77.00 B: 50.80 mm



113694 Alternator 14 V, 70 Amp
 Manufacturer: Remy
 Replacing: 19020615, 19020606
 Servicing: Hyster
 Terminal W, Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 72.50 B: 50.80 mm



113771 Alternator 14 V, 190 Amp
 Replacing: 10480407
 Servicing: Mercedes-Benz
 Grooves 6, Length 196.00, Pulley SP/ FW, Fan IF
Water cooled.
 A: 33.00 B: 93.45 C: 56.75 mm



113777 Alternator 14 V, 145 Amp
 Replacing: 15754097M, 15754097, 15226003
 Servicing: Hummer, Various Industrial applications
 Grooves 6, Length 178.50, Pulley SP, Fan IF
 A: 72.46 B: 50.91 mm



114114 Alternator 14 V, 65 Amp
 Replacing: 96380673, 219251, 219235, 219170
 Servicing: Chevrolet, Daewoo
 Grooves 1, Length 166.50, Pulley P, Fan IF
 A: 42.00 B: 14.35 C: 66.00 mm



114172 Alternator 14 V, 65 Amp
 Replacing: 19020600
 Servicing: Mercury
 Grooves 1, Length 144.50, Pulley SP
 A: 42.00 B: 15.00 C: 64.50 mm



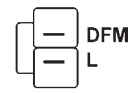
114350 Alternator 14 V, 85 Amp
 Replacing: 96499043
 Servicing: Chevrolet, Daewoo
 Grooves 6, Length 175.00, Pulley SP
 A: 38.00 B: 18.00 C: 81.00 mm



114351 Alternator 14 V, 200 Amp
 Replacing: 8600313
 Servicing: Caterpillar, Cummins, International
 Terminal W, Length 234.80, Pulley w/o, Fan IF
 B: 14.00 C: 101.20 mm



114431 Alternator 14 V, 120 Amp
 Replacing: 8000004, 18000004
 Servicing: Alfa Romeo, Fiat, Holden, Opel, Vauxhall
 Grooves 5, Length 184.00, Pulley SP, Fan IF
 A: 64.70 B: 23.00 C: 57.20 mm



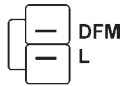
114512 Alternator 14 V, 140 Amp
 Replacing: 8400218, 8400158, 8400156
 Servicing: Opel, Vauxhall
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 A: 35.50 B: 13.00 C: 66.00 mm



114534 Alternator 14 V, 160 Amp
 Replacing: 8700013, 8700012, 8700008, 8600404, 8600403, 8600402, 8600168, 8600167, 8600143, 8600043, 19020902
 Servicing: Various
 Pulley w/o
 B: 80.00 C: 107.80 mm



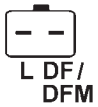
114536 Alternator 14 V, 160 Amp
 Replacing: 8700021, 8700011, 8700010, 8700009, 8600163, 8600151, 8600142, 8600068, 8600032, 8600009, 19020903
 Servicing: Cummins
 Length 235.00, Pulley w/o, Fan IF
 B: 14.00 C: 100.50 mm



114665 Alternator 14 V, 100 Amp
 Replacing: 8400219, 8400159, 8400157
 Servicing: Opel, Vauxhall
 Grooves 6, Length 198.00, Pulley SP/
 FW, Fan IF
 A: 35.60 B: 13.10 C: 67.40 mm



114812 Alternator 14 V, 70 Amp
 Replacing: 19020612, 19020611
 Servicing: Mercruiser
 Terminal W, Grooves 6, Pulley SP,
 Fan IF
 A: 41.50 B: 17.00 C: 65.50 mm



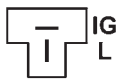
115438 Alternator 14 V, 120 Amp
 Replacing: 8400224
 Servicing: Citroen, Peugeot
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



115520 Alternator 14 V, 105 Amp
 Replacing: 19009950
 Servicing: Hyster
 Length 216.00, Pulley w/o, Fan EF
 B: 50.80 mm



115680 Alternator 14 V, 95 Amp
 Replacing: 19020204
 Servicing: Case, Trackless
 Grooves 8, Length 193.00, Pulley SP,
 Fan IF
 A: 71.50 B: 50.80 mm



115690 Alternator 28 V, 45 Amp
 Replacing: 219154
 Servicing: Doosan
 Terminal W, Grooves 2, Length 194.00,
 Pulley DP, Fan EF
 A: 45.50 B: 13.80 C: 98.25 mm



115812 Alternator 14 V, 130 Amp
 Replacing: 19020375, 10459456
 Servicing: Caterpillar, John Deere, Various,
 Various models
 Length 217.00, Pulley w/o, Fan EF
 B: 14.50 C: 100.00 mm



115871 Alternator 28 V, 90 Amp
 Manufacturer: Mitsubishi
 Replacing: 8600498
 Servicing: Iveco
 Grooves 12, Length 204.00, Pulley SP,
 Fan IF
 Alternative no.: 112427
 A: 90.00 B: 58.00 mm



115873 Alternator 14 V, 55 Amp
 Manufacturer: Marelli
 Replacing: 19025068
 Servicing: Alfa Romeo, Fiat, Iveco
 Grooves 1, Length 172.00, Pulley P,
 Fan EF
 Alternative no.: 111418
 A: 49.00 B: 17.00 C: 65.00 mm



116010 Alternator 14 V, 95 Amp
 Replacing: 8600000, 19020208
 Servicing: Case, New Holland
 Grooves 8, Length 195.00, Pulley SP,
 Fan IF
 A: 75.00 B: 51.00 mm



116133 Alternator 14 V, 33 Amp
 Manufacturer: Iskra/Mahle
 Replacing: 19025063, 19025042
 Servicing: Fiat, Fiat-Allis, Lamborghini,
 Same, Zastava
 Grooves 1, Pulley P, Fan EF
 Alternative no.: 111180
 A: 48.50 B: 24.30 C: 73.50 mm



116163 Alternator 14 V, 95 Amp
 Replacing: 8600002, 8400013
 Servicing: Indmar
 Grooves 6, Length 179.00, Pulley SP,
 Fan IF
 A: 72.30 B: 50.80 mm



116168 Alternator 14 V, 105 Amp
 Replacing: 8400160
 Servicing: Daewoo
 Grooves 6, Length 185.00, Pulley SP,
 Fan IF
 A: 55.70 B: 22.00 C: 58.00 mm

W 15DFM



116291 Alternator 28 V, 100 Amp
 Replacing: 8600764, 8600621, 8600620,
 8600578, 8600512
 Servicing: Mercedes-Benz, Setra
 Grooves 8, Length 218.00, Pulley SP,
 Fan IF
 A: 38.70 B: 80.10 C: 107.50 mm



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116302* Alternator 14 V, 65 Amp
 Replacing: 96567255, 219292
 Servicing: Chevrolet
 Grooves 3, Length 164.00, Pulley SP,
 Fan IF
 A: 40.30 B: 14.30 C: 66.00 mm



S F L P

NEW PRODUCT
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116317* Alternator 28 V, 70 Amp
 Replacing: 8600504, 8600154, 8600022,
 8600020, 8600017
 Servicing: Various Industrial applications
 Pulley w/o



114423 Alternator 28 V, 55 Amp

Replacing: 0201-102-3015

Servicing: Hino

Grooves 2, Length 197.90, Pulley DP,
Fan EF

A: 51.00 B: 14.00 C: 85.47 mm



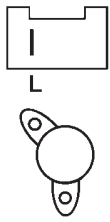
115533 Alternator 28 V, 75 Amp

Replacing: 0214-202-0410, 0214-202-0340,
0214-202-0330, 0214-202-0320, 0214-202-
0310

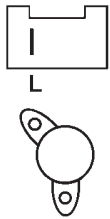
Servicing: Komatsu

Terminal W, Length 222.00, Pulley w/o,
Fan EF

B: 14.30 C: 102.00 mm



110048 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: 71473902(2), 71473802, 71470602, 71470402, 71427012, 71427002, 71273402, 70229002
 Servicing: Farymann, Renault, Volvo Penta
 Terminal W, Grooves 1, Length 180.00, Pulley SP, Fan EF, Insulated return
 A: 72.00 B: 51.00 mm



110052 Alternator 28 V, 40 Amp
 Replacing: 71543002, 71491002, 71490802, 71490702, 71490502, 71340002, 71249002
 Servicing: Baudouin, DAF, Volvo Penta
 Terminal W, Length 177.00, Pulley w/o, Fan EF, Insulated return
 B: 50.75 mm



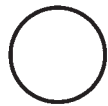
110112 Alternator 28 V, 40 Amp
 Replacing: 71554102
 Servicing: Volvo, Volvo Penta
 Terminal W, Length 175.50, Pulley w/o, Fan w/o
 B: 51.00 mm



110127 Alternator 14 V, 70 Amp
 Replacing: 71523102, 71523002, 71473602, 71470502, 71470302, 71430402, 71429802, 71429702, 71427302, 71427102
 Servicing: Farymann, Volvo Penta
 Terminal W, Grooves 1, Length 179.00, Pulley P, Fan EF, Insulated return
 A: 79.00 B: 51.00 mm



111139 Alternator 14 V, 75 Amp
 Replacing: 71236002
 Servicing: Audi, Porsche, VW
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 82.30 B: 56.00 mm



111226 Alternator 14 V, 50 Amp
 Replacing: 71314202, 71233002, 71223702
 Servicing: Hatz
 Length 162.50, Pulley w/o, Fan w/o



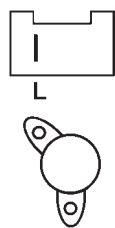
111397 Alternator 14 V, 45 Amp
 Replacing: 70230502, 70230302, 70230202, 70230002, 70229802, 70229602, 70229502, 70229102
 Servicing: BUKH, Volvo Penta
 Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF, Insulated return
 A: 74.20 B: 50.70 mm



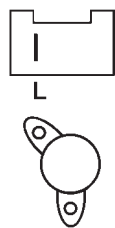
112230 Alternator 14 V, 80 Amp
 Replacing: 71716600
 Servicing: Citroen, Fiat, Peugeot, Suzuki
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 42.00 B: 27.20 C: 66.50 mm



113376 Alternator 14 V, 55 Amp
Replacing: 6020940MO30SM
Servicing: Bedford, Opel, Vauxhall
Terminal W, Grooves 1, Length 167.50,
Pulley P, Fan EF
A: 76.60 B: 56.20 mm



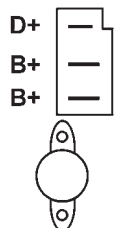
110048 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: A13N57M, A13N3M, 2927750
 Servicing: Farymann, Renault, Volvo Penta
 Terminal W, Grooves 1, Length 180.00,
 Pulley SP, Fan EF, Insulated return
 A: 72.00 B: 51.00 mm



110052 Alternator 28 V, 40 Amp
 Replacing: A13N270, 2937130A, 2937130
 Servicing: Baudouin, DAF, Volvo Penta
 Terminal W, Length 177.00, Pulley w/o,
 Fan EF, Insulated return
 B: 50.75 mm



110077 Alternator 14 V, 50 Amp
 Manufacturer: Mahle Letrika
 Replacing: 2927990
 Servicing: Case, Citroen, Deutz-Fahr, Fendt,
 Goldoni, Opel, Peugeot, Vauxhall
 Grooves 1, Length 171.00, Pulley P,
 Fan EF
 A: 78.50 B: 56.00 mm



110107 Alternator 14 V, 55 Amp
 Replacing: 9AR2725
 Servicing: Massey Ferguson
 Length 165.00, Pulley P, Fan EF



110112 Alternator 28 V, 40 Amp
 Replacing: 2939210, 2937390
 Servicing: Volvo, Volvo Penta
 Terminal W, Length 175.50, Pulley w/o,
 Fan w/o
 B: 51.00 mm



110113 Alternator 28 V, 27 Amp
 Replacing: 310426
 Servicing: Mercedes-Benz
 Length 165.00, Pulley w/o, Fan EF
 B: 80.00 mm



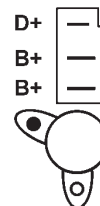
110116 Alternator 28 V, 35 Amp
 Replacing: A13N33
 Servicing: DAF, Ford, MAN
 Terminal W, Length 180.00, Pulley w/o,
 Fan w/o
 B: 80.00 mm



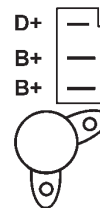
110127 Alternator 14 V, 70 Amp
 Replacing: 510819, 2927120
 Servicing: Farymann, Volvo Penta
 Terminal W, Grooves 1, Length 179.00,
 Pulley P, Fan EF, Insulated return
 A: 79.00 B: 51.00 mm



110163 Alternator 28 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: A13N5T, A13N56M, A13N4T,
 A13N283M, A13N283, A13N22T, A13N229T,
 A13N140T, A13N140, 2938680, 2541777
 Servicing: Renault V.I.
 Terminal W, Grooves 2, Length 172.50,
 Pulley DP, Fan EF
 A: 48.75 B: 27.25 C: 67.50 mm



110178 Alternator 14 V, 36 Amp
 Manufacturer: Lucas
 Replacing: 29409930, 2523234
 Servicing: Austin, Bedford, Case, Ford,
 Jensen, Land Rover, Lotus, Massey Ferguson,
 MG, Morris, New Holland, Plymouth, Rover
 Length 164.00, Pulley w/o, Fan EF
 For pulley w/ 17.00 mm bore use bushing:
 HC-CARGO 134894.
 B: 10.00 C: 87.00 mm



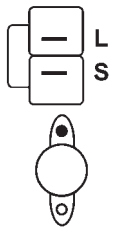
110358 Alternator 14 V, 55 Amp
 Replacing: 2950281, 2541264
 Servicing: Mercedes-Benz, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 77.50 B: 56.00 mm



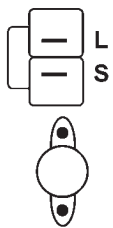
110540 Alternator 14 V, 55 Amp
 Replacing: TA0B09601, M40473, M34377,
 AR150DA, AR150CA, AC155907, AC155515,
 AC155513, A0B09601, A000B0431
 Servicing: Bobcat, OMC
 Terminal W, Grooves 1, Length 170.00,
 Pulley P, Fan EF
 A: 75.00 B: 50.50 mm



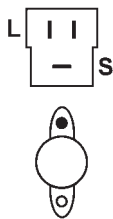
110619 Alternator 14 V, 70 Amp
 Replacing: A11VI55, A11VI43, A11VI11, 2541763D, 2541763C, 2541763A, 2541763, 2541719, 2541298A, 2541298
 Servicing: Citroen, Peugeot
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 95.00 B: 56.10 mm



110659 Alternator 14 V, 75 Amp
 Replacing: TA000A15101, M36881, AB175053, AB175015, A000A003
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 156.30, Pulley SP, Fan IF
 A: 38.15 B: 13.00 C: 55.00 mm



110664 Alternator 14 V, 70 Amp
 Replacing: TA000B16701
 Servicing: Ford, Mazda
 Terminal W, Grooves 3, Length 161.50, Pulley SP, Fan IF
 A: 44.50 B: 13.10 C: 66.30 mm



110694 Alternator 14 V, 40 Amp
 Replacing: M35529, APR140AA, 2EA0629
 Servicing: Nissan
 Grooves 1, Length 226.00, Pulley P, Fan EF
 A: 42.00 B: 13.10 C: 80.45 mm



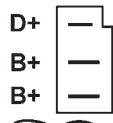
110699 Alternator 14 V, 50 Amp
 Replacing: M36710, AD155325, A000B015
 Servicing: Ford, Mazda
 Grooves 1, Length 248.50, Pulley P, Fan EF
 A: 50.90 B: 13.00 C: 80.25 mm



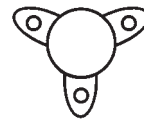
110706 Alternator 14 V, 60 Amp
 Replacing: M36709, APR155BA, AD160209, AD155326, A000B016, 582783, 2EA0411
 Servicing: Ford, Kia, Mazda
 Grooves 1, Length 247.00, Pulley P, Fan EF
 A: 49.70 B: 13.00 C: 80.00 mm



110743 Alternator 14 V, 30 Amp
 Replacing: A12R56, A11M6, A11M5, A11M4, A11M12, A11M11, 310231Z, 310221W, 310058L
 Servicing: Citroen
 Grooves 1, Length 155.00, Pulley P, Fan EF
 Regulator: HC-CARGO 130679.
 A: 61.00 B: 40.00 mm



110759 Alternator 14 V, 35 Amp
 Replacing: 592798, 2541452, 2541239
 Servicing: Austin, Ford, Mercury
 Length 160.00, Pulley P, Fan EF
 B: 10.50 C: 79.00 mm



110766 Alternator 28 V, 27 Amp
 Replacing: 2960150, 2523162
 Servicing: Atlas Copco, Case, Deutz-Fahr, Iveco, KHD, Liebherr, Magirus-Deutz, Mercedes-Benz, Steyr
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



110801 Alternator 28 V, 45 Amp
 Replacing: A13R182
 Servicing: Atlas Copco, Case, Caterpillar, Cummins, Fiat-Allis, International
 Terminal W, Length 270.00, Pulley w/o, Fan EF
 B: 14.80 C: 100.00 mm



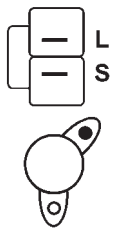
110802 Alternator 14 V, 75 Amp
 Replacing: TA000B33801, TA000A34801, M39589, AB175020, A000B0301
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 Grooves 4, Length 159.50, Pulley SP, Fan IF
 A: 35.00 B: 13.25 C: 77.60 mm



110804 Alternator 14 V, 90 Amp
 Replacing: M39882, AB190119, AB190072, AB190025, A000B0441
 Servicing: Dodge, Eagle, Hyundai, Kia, Mitsubishi, Plymouth
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 35.00 B: 13.40 C: 77.40 mm



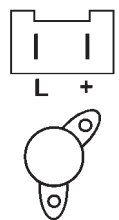
110805 Alternator 14 V, 45 Amp
 Replacing: AD150413, 2EA0550A1
 Servicing: Dodge, Mazda, Mitsubishi, Plymouth
 Grooves 1, Length 221.50, Pulley P, Fan EF
 A: 45.30 B: 13.10 C: 54.20 mm



110806 Alternator 14 V, 65 Amp
 Replacing: M04418, APR165AA, AD165309, 2EA0550D3
 Servicing: Mitsubishi
 Grooves 1, Length 223.50, Pulley P, Fan EF
 A: 44.40 B: 12.80 C: 56.30 mm



110877 Alternator 14 V, 65 Amp
 Replacing: 2941253A, 2941253
 Servicing: BMW
 Length 159.00, Pulley w/o, Fan w/o
 B: 51.00 mm



110889 Alternator 14 V, 75 Amp
 Replacing: A14N4, A14N163, A14N144, 2541324, 2541204
 Servicing: Renault, Renault V.I.
 Terminal W, Grooves 1, Length 176.50, Pulley P, Fan EF
 A: 57.90 B: 26.90 C: 69.00 mm



110890 Alternator 14 V, 55 Amp
 Replacing: 2950500
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Same
 Grooves 1, Length 169.00, Pulley P, Fan w/o
 A: 49.00 B: 17.00 C: 63.00 mm



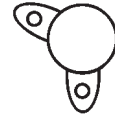
110891 Alternator 14 V, 70 Amp
 Replacing: 2925330
 Servicing: Ford, Land Rover, MG
 Terminal W, Length 169.00, Pulley w/o, Fan w/o
 B: 11.30 C: 83.00 mm



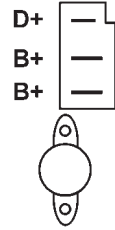
110895 Alternator 28 V, 55 Amp
 Replacing: 523161, 2940780, 2940778
 Servicing: DAF, Kässbohrer, MAN, Mercedes-Benz, Ssangyong
 Terminal W, Length 196.50, Pulley w/o, Fan EF
 B: 80.00 mm



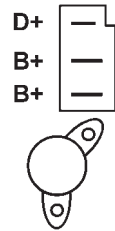
110906 Alternator 28 V, 30 Amp
 Replacing: A13N166, 2104264
 Servicing: Mercedes-Benz
 Terminal W, Length 187.00, Pulley w/o, Fan w/o
 B: 80.00 mm



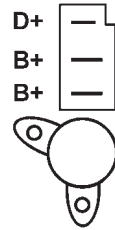
110911 Alternator 14 V, 55 Amp
 Replacing: 9AR2621, 9AR2596
 Servicing: Audi, Peugeot, Saab, VW
 Grooves 1, Length 171.00, Pulley P, Fan EF
 A: 77.64 B: 56.00 mm



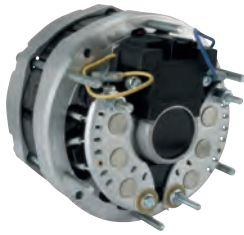
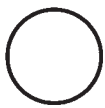
110912 Alternator 14 V, 55 Amp
 Replacing: A13E23, 2541234, 2541233
 Servicing: Abarth, Alfa Romeo, Ferrari, Fiat, Fiat-Allis, Lancia, Pininfarina, Seat
 Grooves 1, Length 162.50, Pulley P, Fan EF
 A: 44.50 B: 16.40 C: 66.00 mm



110913 Alternator 14 V, 70 Amp
 Replacing: 9AR2518
 Servicing: Audi, Skoda, VW
 Terminal W, Pulley w/o, Fan w/o
 B: 56.00 mm



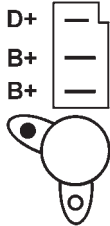
110923 Alternator 14 V, 55 Amp
 Replacing: A13V05, 2518046
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP, Fan EF
 A: 92.00 B: 56.00 mm



110931 Alternator 14 V, 70 Amp
 Replacing: A14N11
 Servicing: Porsche
 Length 179.00, Pulley w/o, Fan w/o



110959 Alternator 14 V, 55 Amp
 Replacing: M40472, M31612, AR150BA, AR150AA, AC155604, AC155603, AC155602, A000B0331, 2EA0436A
 Servicing: Mercruiser, Mercury, OMC
 Terminal W, Grooves 1, Length 162.00, Pulley P, Fan EF
 Purple wire = +15. Red wire = S (+).
 A: 76.35 B: 50.70 mm



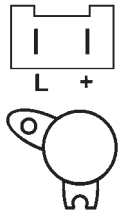
110968 Alternator 14 V, 70 Amp
 Replacing: 9AR2699
 Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra
 Grooves 1, Length 167.00, Pulley P, Fan EF
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 11.00 C: 82.00 mm



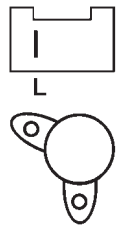
111035 Alternator 14 V, 65 Amp
 Replacing: A13E26, A13E25, 2541236, 2541235
 Servicing: Audi, Autobianchi, Case, Fiat, Innocenti, Lancia, VW, Zastava
 Grooves 1, Length 164.50, Pulley P, Fan EF
 A: 52.00 B: 23.00 C: 74.00 mm



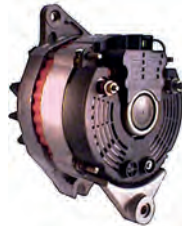
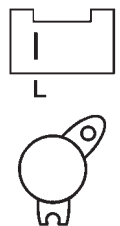
111036 Alternator 14 V, 45 Amp
 Replacing: A13E1, 2541135, 2518028
 Servicing: Autobianchi, Fiat, Lancia
 Grooves 1, Pulley P, Fan EF
 HC-CARGO 111036 is w/o W-Terminal.
 A: 56.80 B: 32.25 mm



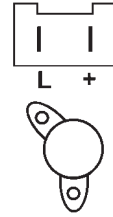
111071 Alternator 14 V, 75 Amp
 Replacing: A14R28, A14R26, A14N55, A14N2, A14N1, 2941232, 2940275
 Servicing: Citroen, Peugeot
 Grooves 1, Length 172.00, Pulley P, Fan EF
 A: 61.85 B: 35.90 C: 53.00 mm



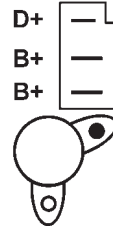
111075 Alternator 14 V, 55 Amp
 Replacing: A13N94, A13N43, A13N38, A13N293
 Servicing: Citroen, Peugeot, Talbot, Vauxhall
 Grooves 1, Length 161.50, Pulley P, Fan EF
 A: 59.50 B: 40.00 mm



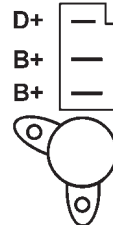
111076 Alternator 14 V, 50 Amp
 Replacing: A13N95, A13N240, A13N218, A13N181, 2541489, 2541366, 2541314, 2541180
 Servicing: Citroen, Opel, Peugeot, Talbot
 Grooves 4, Length 163.50, Pulley SP, Fan EF
 A: 46.35 B: 26.80 C: 66.00 mm



111082 Alternator 14 V, 60 Amp
 Replacing: A13N121, A13N110, 2541471
 Servicing: Renault
 Grooves 1, Length 178.25, Pulley P, Fan EF
 A: 100.95 B: 56.00 mm



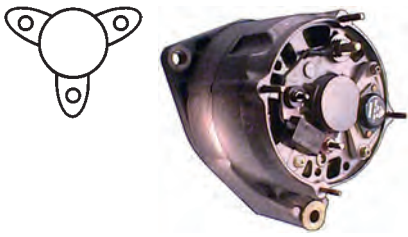
111086 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: 2941231, 2927060
 Servicing: Austin, Ford, Mercury, MG, Rover, Suzuki
 Grooves 1, Length 170.00, Pulley P, Fan IF
 A: 34.60 B: 10.80 C: 81.00 mm



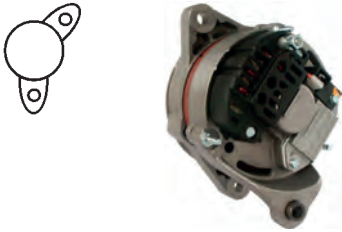
111093 Alternator 14 V, 70 Amp
 Replacing: A13V07, A13V02, 2541297, 2518044
 Servicing: Mercedes-Benz
 Grooves 6, Length 183.50, Pulley SP, Fan EF
 A: 92.00 B: 56.00 mm



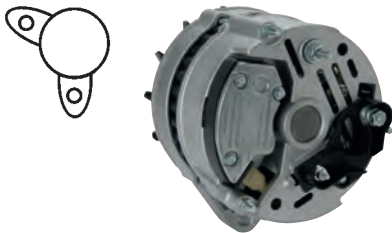
111094 Alternator 14 V, 65 Amp
 Replacing: A13E45, 2940311A, 2940311
 Servicing: Audi, VW
 Terminal W, Grooves 1, Length 187.25, Pulley P, Fan EF
 A: 109.00 B: 56.00 mm



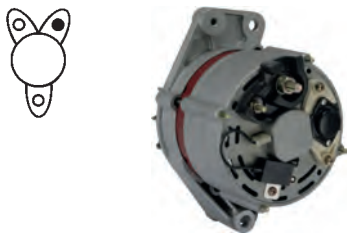
111141 Alternator 14 V, 55 Amp
 Replacing: 523159, 523158, 2325158
 Servicing: MAN, Mercedes-Benz
 Terminal W, Length 167.70, Pulley w/o, Fan w/o
 B: 80.00 mm



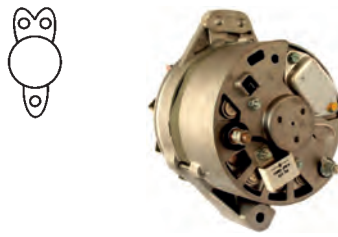
111148 Alternator 14 V, 65 Amp
 Replacing: A13E68
 Servicing: Autobianchi, Fiat, Lancia, Zastava
 Grooves 1, Length 165.50, Pulley P, Fan w/o
 A: 52.25 B: 23.00 C: 73.00 mm



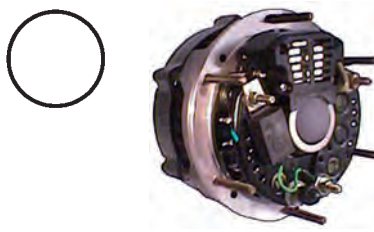
111153 Alternator 14 V, 55 Amp
 Replacing: A13R192, A13N80
 Servicing: Alfa Romeo
 Grooves 1, Length 169.00, Pulley P, Fan EF
 A: 52.00 B: 27.00 mm



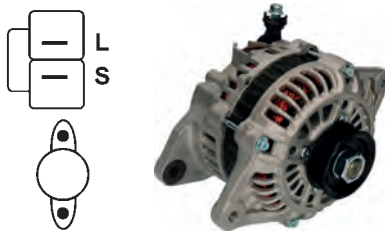
111154 Alternator 14 V, 65 Amp
 Replacing: A13E58, A13E43, A13E09, 2940371, 2940309, 2940307, 2541438, 2523203
 Servicing: Audi, Mercedes-Benz, Seat, VW
 Terminal W, Grooves 1, Length 176.50, Pulley P, Fan EF
 A: 87.50 B: 56.00 mm



111168 Alternator 14 V, 55 Amp
 Replacing: A13N214, 2541341
 Servicing: Ferrari, Opel, Vauxhall
 Terminal W, Grooves 1, Length 170.00, Pulley P, Fan EF
 A: 84.00 B: 56.00 mm



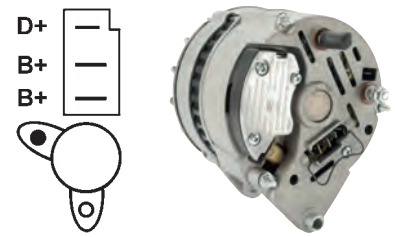
111226 Alternator 14 V, 50 Amp
 Replacing: A13N52, A13N281, A13N28, 2541768
 Servicing: Hatz
 Length 162.50, Pulley w/o, Fan w/o



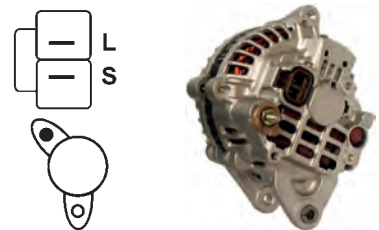
111237 Alternator 14 V, 70 Amp
 Replacing: TA000A28801, APR140AB, AB175036, AB170094, AB170036
 Servicing: Kia, Mazda
 Grooves 4, Length 156.25, Pulley SP, Fan IF
 A: 37.75 B: 13.00 C: 66.55 mm



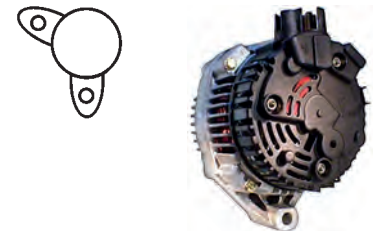
111288 Alternator 14 V, 65 Amp
 Manufacturer: Mahle Letrika
 Replacing: A13E41, 2940367, 2940303A, 2940303, 2541442, 2541441, 2541435, 2541222
 Servicing: MAN, Seat, VW
 Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF
 A: 75.00 B: 56.00 mm



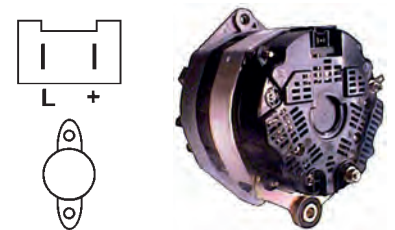
111289 Alternator 14 V, 70 Amp
 Replacing: 2950220, 2940981, 2929780, 2927070
 Servicing: Austin, Case, Dronningborg, Ford, Land Rover, Massey Ferguson, MG, Morris, Rover
 Terminal W, Grooves 1, Length 175.00, Pulley P, Fan EF
 A: 35.00 B: 12.50 C: 80.00 mm



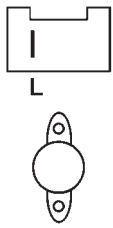
111309 Alternator 14 V, 75 Amp
 Replacing: TA000A39101, TA000A35201, M37208, AB180128, AB175068, AB175054, AB175019, A000B0391
 Servicing: Hyundai, Proton
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 36.20 B: 13.15 C: 56.00 mm



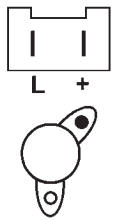
111318 Alternator 14 V, 80 Amp
 Replacing: A13VI262, A13VI232, A13VI102, 2542355A, 2542355, 2542255, 2541785B, 2541785
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 92.35 B: 56.00 mm



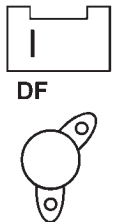
111319 Alternator 14 V, 105 Amp
 Replacing: A14N75, A14N73, A14N140, A13VI13, 2541307D, 2541307C, 2541307, 2541197
 Servicing: Renault, Renault V.I.
 Terminal W, Grooves 1, Length 193.50, Pulley P, Fan EF
 A: 48.50 B: 26.90 C: 66.00 mm



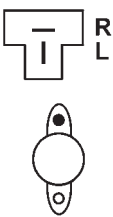
111321 Alternator 14 V, 70 Amp
 Replacing: A13N289, A13N241, A13N232, A13N178, A13N133, 2541807, 2541490, 2541445, 2541173
 Servicing: Volvo
 Grooves 6, Length 166.00, Pulley SP, Fan EF
 A: 46.50 B: 27.00 C: 69.50 mm



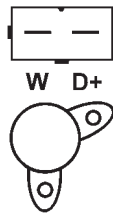
111325 Alternator 14 V, 70 Amp
 Manufacturer: Mahle Letrika
 Replacing: A13N158, 2541118
 Servicing: Renault
 Grooves 1, Length 174.50, Pulley P, Fan EF
 A: 57.10 B: 27.15 C: 66.75 mm



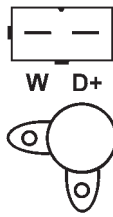
111331 Alternator 28 V, 60 Amp
 Replacing: A14N44M, A14N3T, A14N3, A14N28T
 Servicing: Renault V.I.
 Terminal W, Length 172.50, Pulley w/o, Fan EF
 B: 27.30 C: 69.80 mm



111344 Alternator 28 V, 25 Amp
 Replacing: TA000A06101, M04419, APR225AA, AD225412, 2EA0501A
 Servicing: Mitsubishi
 Grooves 1, Length 243.50, Pulley P, Fan EF
 A: 45.25 B: 12.55 C: 80.20 mm



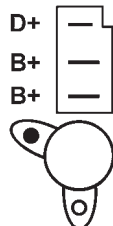
111352 Alternator 14 V, 70 Amp
 Replacing: A11VI66, A11VI22, A11VI21, 2541821A, 2541821, 2541415H, 2541415G, 2541415, 2541410
 Servicing: Seat, Skoda, VW
 Terminal W, Grooves 6, Length 190.50, Pulley SP, Fan IF
 A: 39.45 B: 14.65 C: 59.80 mm



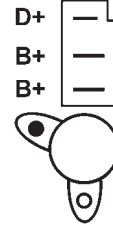
111353 Alternator 14 V, 70 Amp
 Replacing: A11VI64, A11VI36, 2541819, 2541676, 2541619
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



111354 Alternator 14 V, 70 Amp
 Replacing: A13VI75, A13VI74, 2541699, 2541683A, 2541683, 2541680A, 2541680
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



111355 Alternator 14 V, 65 Amp
 Replacing: 2541400, 2541290
 Servicing: Austin, Dronningborg, Massey Ferguson, MG, New Holland, Nissan, Rover, Universal, Valtra
 Terminal W, Grooves 1, Length 163.50, Pulley P, Fan EF
 A: 37.00 B: 11.50 C: 81.00 mm



111362 Alternator 14 V, 55 Amp
 Replacing: 2926300
 Servicing: Austin, Ford, Land Rover, MG, Rover, Valtra
 Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF
 A: 34.50 B: 11.00 C: 81.00 mm



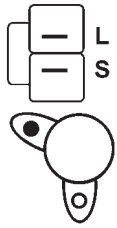
111369 Alternator 14 V, 90 Amp
 Replacing: A13VI220, A13VI198, A13VI176, A13VI170, A13VI169, A13VI135, A13VI100, 2541992B, 2541992, 2541960
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 Terminal W, Grooves 6, Length 189.50, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



111397 Alternator 14 V, 45 Amp
 Replacing: A13N35M, A13N2M, A13N259M, A13N259, A13N234, A13N2, A13N1M, A13N186M, A13N149M, A13N148M, A13N147M
 Servicing: BUKH, Volvo Penta
 Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF, Insulated return
 A: 74.20 B: 50.70 mm



111405 Alternator 14 V, 90 Amp
 Replacing: TA000A14501, AB190058
 Servicing: Hyundai
 Grooves 4, Length 160.00, Pulley SP, Fan IF
 A: 35.00 B: 13.25 C: 55.45 mm



111406 Alternator 14 V, 110 Amp
 Replacing: TA000A07401, AB111057, AB111033
 Servicing: Dodge, Hyundai, Mitsubishi
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 23.50 B: 17.25 C: 55.40 mm



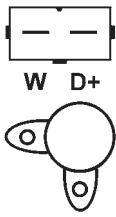
111411 Alternator 14 V, 75 Amp
 Replacing: A11VI46, 2541728A, 2541728
 Servicing: Citroen, Fiat, Ford, Lancia, Peugeot
 Grooves 4, Length 189.50, Pulley SP, Fan IF
 A: 54.80 B: 32.00 mm



111419 Alternator 28 V, 55 Amp
 Replacing: 2541423
 Servicing: Allis Chalmers, BENFRA, Fiat-Allis, Iveco, Laverda
 Terminal W, Grooves 2, Length 188.00, Pulley DP, Fan EF
 A: 50.00 B: 17.45 C: 63.00 mm



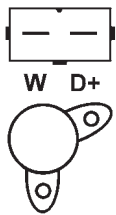
111426 Alternator 14 V, 100 Amp
 Replacing: SG10B041, SG10B012, 2542273
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 51.00 B: 33.75 C: 56.00 mm



111477 Alternator 14 V, 90 Amp
 Replacing: A13VI41, A13VI124, A13VI121, 2541815B, 2541815A, 2541815, 2541675, 2541417K, 2541417
 Servicing: Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 40.00 B: 13.50 C: 59.00 mm



111478 Alternator 14 V, 90 Amp
 Manufacturer: Valeo
 Replacing: A13VI156, A13VI138, 2541895C, 2541895B, 2541895, 2541856A, 2541856
 Servicing: Audi, VW
 Grooves 5, Length 185.00, Pulley SP, Fan IF
 A: 35.00 B: 14.00 C: 82.00 mm



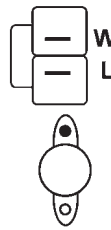
111479 Alternator 14 V, 90 Amp
 Replacing: A13VI40, A13VI123, 2941814, 2541416F, 2541416
 Servicing: Seat, VW
 Terminal W, Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 59.00 mm



111498 Alternator 14 V, 110 Amp
 Replacing: A13VI73, 2541679C, 2541679
 Servicing: Citroen, Fiat
 Grooves 6, Length 196.00, Pulley SP, Fan IF
 A: 53.00 B: 27.00 C: 66.00 mm



111510 Alternator 28 V, 55 Amp
 Replacing: 9AR3855, 2960000, 2939590
 Servicing: Ford, Perkins
 Terminal W, Pulley w/o, Fan EF, Insulated return
 B: 10.00 C: 82.00 mm



111515 Alternator 14 V, 70 Amp
 Replacing: TA000A55401, 567051
 Servicing: AC, Opel, Vauxhall
 Grooves 1, Length 215.00, Pulley P, Fan IF
 A: 42.50 B: 13.00 C: 78.50 mm



111528 Alternator 28 V, 55 Amp
 Replacing: 2180620, 2105473B
 Servicing: Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 180.75, Pulley w/o, Fan EF
 B: 51.50 mm



111532 Alternator 14 V, 80 Amp
 Replacing: A13VI84, 2541726B, 2541726
 Servicing: Citroen, Peugeot
 Grooves 5, Length 176.00, Pulley SP, Fan IF
 A: 53.00 B: 26.40 C: 58.00 mm

ALTERNATORS



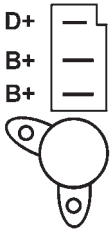
111631 Alternator 28 V, 55 Amp
 Replacing: A14N208M, A14N207M, A14N183M, A14N183, 2542514A, 2542514, 2542359, 2541624A, 2541624
 Servicing: Volvo
 Terminal W, Length 185.00, Pulley w/o, Fan EF, Insulated return
 B: 14.10 C: 100.00 mm



111686 Alternator 14 V, 65 Amp
 Replacing: 2929510, 2565995, 2565994
 Servicing: Alfa Romeo, Fiat, Iveco, Lamborghini, Lancia, Laverda
 Grooves 1, Length 166.50, Pulley P, Fan EF
 A: 49.50 B: 17.00 C: 64.50 mm



111720 Alternator 28 V, 90 Amp
 Replacing: HD90S020ZD, HD90S019ZD, HD90S017ZD, HD90S016ZD, HD90S014ZD, HD90S014, HD90S013ZD, HD90S013
 Servicing: Scania
 Terminal W, Length 175.50, Pulley w/o, Fan w/o
 B: 22.70 C: 68.70 mm



111653 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 9AR2708
 Servicing: Audi, VW
 Grooves 1, Length 188.00, Pulley P, Fan EF
 A: 109.50 B: 56.00 mm



111710 Alternator 14 V, 65 Amp
 Replacing: TA000B28101, TA000B13001, TA00023301, AC165618, AC165617, AC165616, AC165610, AC155616
 Servicing: Mercury, OMC
 Grooves 6, Length 171.00, Pulley SP, Fan EF
 A: 72.00 B: 50.70 mm



111722 Alternator 14 V, 75 Amp
 Replacing: A13VI224, A11VI97, A11VI92, A11VI104, 2542363A, 2542363, 2542231, 2541999, 2541978A, 2541978
 Servicing: Renault
 Terminal W, Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 45.00 B: 26.80 C: 68.00 mm



111658 Alternator 28 V, 55 Amp
 Replacing: A14N206M, A14N200M, A14N141M, A14N118M, 2541850, 2541828B, 2541828, 2541199D, 2541199B, 2541199
 Servicing: Renault V.I., Volvo, Volvo Penta
 Terminal W, Length 185.00, Pulley w/o, Insulated return
 B: 50.75 mm



111718 Alternator 14 V, 75 Amp
 Replacing: TG8S025, TG8S017, A11VI88, 2542897, 2541953B, 2541953
 Servicing: Dacia, Opel, Renault
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 A: 46.50 B: 26.50 C: 66.50 mm



111723 Alternator 14 V, 70 Amp
 Replacing: A11VI89, 2541965A, 2541965
 Servicing: Citroen, Fiat, Peugeot
 Grooves 5, Length 173.50, Pulley SP, Fan IF
 A: 75.00 B: 56.00 mm



111676 Alternator 14 V, 90 Amp
 Replacing: A13VI63, A13VI126, 2541817, 2541626E, 2541626
 Servicing: Audi, Skoda, VW
 Terminal W, Grooves 6, Length 198.00, Pulley SP, Fan IF
 A: 41.00 B: 14.80 C: 59.00 mm



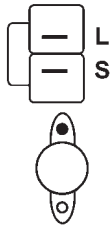
111719# Alternator 14 V, 120 Amp
 Replacing: A13VI292, A13VI254, A13VI207, 2542603, 2542315A, 2542315, 2541976D, 2541976
 Servicing: Renault
 Terminal W, Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 A: 46.00 B: 26.30 C: 66.50 mm



111788 Alternator 14 V, 105 Amp
 Replacing: A13VI76, 2541694D, 2541694
 Servicing: BMW, Opel, Vauxhall
 Grooves 5, Length 181.00, Pulley SP, Fan IF
 A: 78.00 B: 56.00 mm



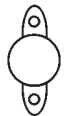
111803 Alternator 14 V, 60 Amp
 Replacing: A13N269, 2541695
 Servicing: Renault
 Grooves 1, Length 173.50, Pulley P,
 Fan EF
 A: 50.50 B: 26.00 mm



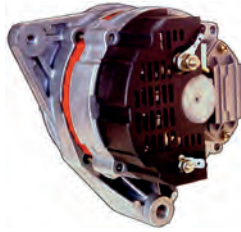
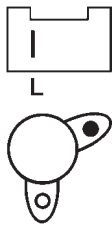
111807 Alternator 14 V, 70 Amp
 Replacing: AB170066
 Servicing: Kia, Mazda
 Grooves 4, Length 158.00, Pulley SP,
 Fan IF
 A: 38.00 B: 13.50 C: 66.50 mm



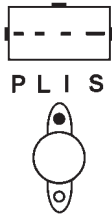
111820 Alternator 14 V, 90 Amp
 Replacing: A13VI114, 2541801A, 2541801
 Servicing: Audi, Skoda, VW
 Terminal W, Grooves 6, Length 185.40,
 Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 59.00 mm



111834 Alternator 28 V, 55 Amp
 Replacing: A13N11
 Servicing: Scania
 Terminal W, Length 180.00, Pulley w/o,
 Fan EF
 Heavy duty type: HC-CARGO 112182 (80 A).
 B: 80.00 mm



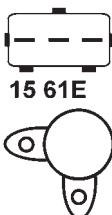
111841 Alternator 14 V, 50 Amp
 Replacing: A13N215, A13N175, A13N129,
 2541363, 2541169
 Servicing: Citroen, Peugeot
 Grooves 1, Length 167.00, Pulley P,
 Fan EF
 A: 95.50 B: 56.00 mm



111846 Alternator 14 V, 80 Amp
 Replacing: 219187
 Servicing: Daewoo
 Grooves 5, Length 190.00, Pulley SP,
 Fan EF
 A: 46.50 B: 13.00 C: 80.50 mm



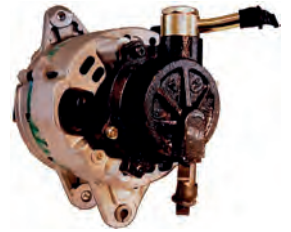
111847 Alternator 14 V, 65 Amp
 Replacing: TA000A52201, 2655476
 Servicing: Chevrolet, SGMW
 Grooves 1, Length 161.00, Pulley P,
 Fan IF
 A: 42.00 B: 15.10 C: 65.30 mm



111873# Alternator 14 V, 80 Amp
 Replacing: SG9B029, A13VI160, A13VI119,
 2542379A, 2542379, 2541912A, 2541912,
 2541811B, 2541811A, 2541811
 Servicing: BMW
 Grooves 6, Length 235.00, Pulley SP,
 Fan IF
 A: 69.00 B: 28.00 C: 76.30 mm



111890 Alternator 14 V, 90 Amp
 Replacing: A13VI222
 Servicing: Mercedes-Benz
 Terminal W, Grooves 6, Length 192.00,
 Pulley SP/FW, Fan IF
 A: 92.00 B: 56.00 mm



111929 Alternator 14 V, 65 Amp
 Replacing: M36934, BM51267AR, AD165321Q,
 AD165321, AD165320Q, AD165320, AD165202,
 AC165531, A000A0063
 Servicing: Hyundai
 Grooves 1, Length 221.00, Pulley P,
 Fan EF
 A: 44.50 B: 13.15 C: 54.50 mm



111937 Alternator 14 V, 75 Amp
 Replacing: A11VI81, 2541928A, 2541928
 Servicing: Opel, Renault, Vauxhall
 Terminal W, Grooves 6, Length 192.00,
 Pulley SP, Fan IF
 A: 52.00 B: 27.00 C: 66.00 mm



111943 Alternator 14 V, 90 Amp
 Replacing: SG9B039, SG9B038, A13VI257,
 A13VI202, 2542414A, 2542414, 2542413C,
 2542413A, 2542413, 2542347A
 Servicing: Mercedes-Benz
 Grooves 5, Length 181.00, Pulley SP/FW,
 Fan IF
 A: 29.50 B: 140.20 C: 42.00 mm



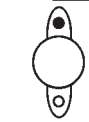
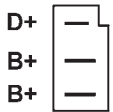
111946 Alternator 14 V, 80 Amp
 Replacing: A13VI78, 2541697B, 2541697
 Servicing: BMW
 Grooves 6, Length 207.50, Pulley SP, Fan IF
 A: 46.80 B: 19.65 C: 73.50 mm



15 61E



111947 Alternator 14 V, 95 Amp
 Replacing: A13VI150, A13VI130, 2541884, 2541848
 Servicing: BMW
 Grooves 5, Length 218.00, Pulley SP, Fan IF
 A: 77.30 B: 56.00 mm



111948 Alternator 14 V, 70 Amp
 Replacing: 9AR2786, 9AR2566, 2950700, 2940772, 2928610, 2541148, 2541131, 2541130, 2518051
 Servicing: Massey Ferguson
 Terminal W, Length 159.00, Pulley w/o, Fan EF
 B: 29.00 mm



111967 Alternator 14 V, 90 Amp
 Replacing: SG9B037, A13VI237, A13VI178, 2542412C, 2542412B, 2542412A, 2542412, 2542291A, 2542291, 2541922B
 Servicing: Mercedes-Benz
 Grooves 5, Length 177.00, Pulley SP, Fan IF
 A: 30.00 B: 140.00 C: 41.20 mm



111987 Alternator 28 V, 55 Amp
 Replacing: A14N190, A14N189, A14N188, A14N187, A14N186, A14N185, A14N182, 2541648, 2541639, 2541638, 25416373
 Servicing: Iveco
 Terminal W, Length 178.00, Pulley w/o, Fan EF
 B: 17.00 C: 63.80 mm



111989 Alternator 14 V, 90 Amp
 Replacing: SG9B088, SG9B087, SG9B059, SG9B049, SG9B013, 2543328B, 2543328, 2543320A, 2543320, 2542767, 2542571
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.50, Pulley SP, Fan IF
 Alternative no.: 115482
 A: 39.60 B: 14.00 C: 61.00 mm



111990 Alternator 14 V, 70 Amp
 Replacing: SG7S021, 2542543
 Servicing: Opel, Vauxhall
 Grooves 5, Length 178.00, Pulley SP, Fan IF
 A: 55.00 B: 33.50 C: 56.00 mm



112002 Alternator 14 V, 120 Amp
 Replacing: SG12B090, SG12B042, SG12B015, 2542949A, 2542949, 2542461D, 2542461C, 2542461B, 2542461A, 2542461
 Servicing: Audi, Ford, Seat, Skoda, VW
 Terminal W, Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 Alternative no.: 115483
 A: 39.00 B: 14.50 C: 61.00 mm



112035 Alternator 14 V, 70 Amp
 Manufacturer: Magneton
 Replacing: 817517
 Servicing: Zetor
 Terminal W, Length 172.00, Pulley w/o, Fan EF
 Shaft dia. = 20.00 mm.
 B: 27.10 C: 66.00 mm



112043 Alternator 14 V, 90 Amp
 Replacing: 817530
 Servicing: VW
 Terminal DF, Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



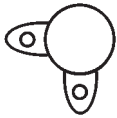
112046 Alternator 14 V, 95 Amp
 Replacing: 817091
 Servicing: Deutz-Fahr, Iveco
 Terminal W, Length 170.00, Pulley w/o, Fan EF
 B: 56.00 mm



112056 Alternator 14 V, 70 Amp
 Replacing: 817106
 Servicing: Opel, Vauxhall
 Terminal W, Grooves 1, Length 165.00, Pulley P, Fan EF
 A: 87.00 B: 56.00 mm



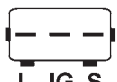
112057 Alternator 14 V, 110 Amp
 Replacing: A13VI179, 817098, 2541927A, 2541927
 Servicing: Opel, Renault, Vauxhall
 Terminal W, Grooves 6, Length 192.00, Pulley SP, Fan IF
 A: 53.00 B: 26.40 C: 66.50 mm



112058 Alternator 14 V, 70 Amp
 Replacing: SG7S024, SG7S014, A11VI91, 817103, 2542678A, 2542678, 2542483A, 2542483, 2541969A, 2541969
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 171.50, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.00 mm



112059 Alternator 14 V, 110 Amp
 Replacing: A13VI300, A13VI259, A13VI195, 817107, 2542691C, 2542691, 2542354A, 2542354, 2541954B, 2541954
 Servicing: Renault
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 46.00 B: 27.40 C: 66.30 mm



112063 Alternator 14 V, 70 Amp
 Replacing: 817110
 Servicing: Toyota
 Grooves 2, Length 168.00, Pulley DP, Fan IF
 A: 94.00 B: 58.10 mm



112065 Alternator 14 V, 65 Amp
 Replacing: 817178
 Servicing: Mitsubishi
 Grooves 2, Length 232.50, Pulley DP, Fan IF
 A: 56.00 B: 13.00 C: 54.50 mm



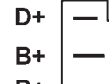
112075 Alternator 14 V, 70 Amp
 Replacing: SG8B011, 2542240C, 2542240A, 2542240
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 60.75 mm



112079 Alternator 14 V, 90 Amp
 Replacing: SG9B078, SG9B015, A13VI182, 2542948A, 2542948, 2542245C, 2542245
 Servicing: Audi, Ford, Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 Alternative no.: 114789
 A: 39.00 B: 14.00 C: 61.00 mm



112097 Alternator 28 V, 30 Amp
 Replacing: 817209, 2939520
 Servicing: Allis Chalmers, Astra, Fahr, Fiat, Iveco, Laverda
 Grooves 1, Length 174.00, Pulley P, Fan w/o
 A: 45.00 B: 17.00 C: 63.00 mm



112112 Alternator 14 V, 70 Amp
 Replacing: 2929580, 2928580, 2927440
 Servicing: Perkins, Sabre, Yanmar
 Terminal W, Grooves 1, Length 170.50, Pulley P, Fan EF, Insulated return
 A: 45.00 B: 11.50 C: 82.50 mm



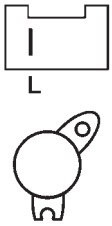
112129 Alternator 14 V, 90 Amp
 Replacing: 515143
 Servicing: Mitsubishi
 Grooves 1, Length 239.00, Pulley P, Fan IF
 A: 45.65 B: 13.00 C: 55.00 mm



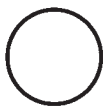
112144 Alternator 14 V, 98 Amp
 Replacing: SG9B047, SG9B033, 2542548A, 2542548, 2542420C, 2542420B, 2542420A, 2542420
 Servicing: Dacia, Nissan, Renault
 Grooves 6, Length 194.00, Pulley SP/FW, Fan IF
 A: 19.50 B: 80.10 C: 40.50 mm



112149 Alternator 14 V, 65 Amp
 Manufacturer: Bosch
 Replacing: 2940375, 2940305A, 2940305, 2940304A, 2940304, 2541434A, 2541434, 2523205, 2523204
 Servicing: Audi, Seat, VW
 Terminal W, Grooves 1, Pulley P, Fan EF
 A: 109.80 B: 56.00 mm



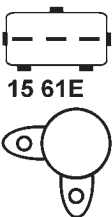
112162 Alternator 14 V, 70 Amp
 Replacing: A13N220, A13N219, A13N183, A13N182, A13N177, A13N167, A13N151, 817517, 2541368, 2541367, 2541182
 Servicing: Citroen, Peugeot
 Grooves 4, Length 158.00, Pulley SP, Fan EF
 A: 45.50 B: 27.00 C: 66.00 mm



112183 Alternator 14 V, 60 Amp
 Manufacturer: Mahle Letrika
 Replacing: A13N255, A13N165, 2541659, 2541133
 Servicing: KHD, Various Agriculture Vehicles
 Terminal W, Length 174.50, Pulley w/o, Fan w/o



112189 Alternator 28 V, 80 Amp
 Replacing: 817373
 Servicing: Renault V.I.
 Terminal W, Length 185.50, Pulley w/o, Fan EF, Insulated return
 B: 27.00 C: 71.25 mm



112193 Alternator 14 V, 120 Amp
 Replacing: SG14B020, SG14B019, SG12B029, A14VI22, 2543237A, 2543237, 2542875, 2542377B, 2542377, 2541963A
 Servicing: BMW
 Grooves 6, Length 236.00, Pulley SP, Fan IF
 A: 69.00 B: 28.00 C: 74.50 mm



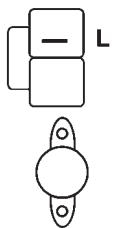
112194 Alternator 14 V, 120 Amp
 Replacing: 817031
 Servicing: Mercedes-Benz, Ssangyong, Various Agriculture Vehicles
 Terminal W, Grooves 6, Length 184.00, Pulley SP, Fan IF
 A: 82.20 B: 56.00 mm



112197 Alternator 14 V, 115 Amp
 Replacing: SG12B087
 Servicing: Mercedes-Benz
 Grooves 6, Length 176.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 69.80 C: 56.00 mm



112199 Alternator 14 V, 75 Amp
 Replacing: SG7S071, SG7S013, SG7S010, A11VI94, 2543554, 2542481D, 2542481, 2542342, 2541980B, 2541980A
 Servicing: Dacia, Nissan, Renault
 Grooves 6, Length 194.00, Pulley SP, Fan IF
 A: 21.00 B: 80.00 C: 40.00 mm



112207 Alternator 14 V, 70 Amp
 Replacing: 817109
 Servicing: Nissan
 Grooves 2, Length 250.50, Pulley DP, Fan EF
 A: 41.85 B: 13.00 C: 80.00 mm



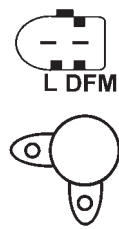
112228 Alternator 14 V, 60 Amp
 Replacing: 817466
 Servicing: Isuzu, Opel, Vauxhall
 Grooves 1, Length 242.50, Pulley P, Fan EF
 A: 48.00 B: 13.00 C: 80.50 mm



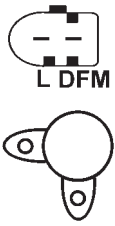
112229 Alternator 14 V, 70 Amp
 Replacing: SG7S025, 2542689C, 2542689A, 2542689
 Servicing: Opel, Vauxhall
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 A: 51.00 B: 33.50 C: 57.50 mm



112230 Alternator 14 V, 80 Amp
 Replacing: A13VI87, A13VI49, 2541740B, 2541740, 2541461B, 2541461
 Servicing: Citroen, Fiat, Peugeot, Suzuki
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 42.00 B: 27.20 C: 66.50 mm



112273 Alternator 14 V, 70 Amp
 Replacing: SG8B018, A11VI95, 2542281C, 2542281, 2541997
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 41.00 B: 14.00 C: 60.80 mm



112274 Alternator 14 V, 90 Amp
 Replacing: SG9B024, A13VI223, 2542282C, 2542282, 2541998
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 39.50 B: 14.10 C: 61.40 mm



112287 Alternator 14 V, 70 Amp
 Replacing: A11VI45, 2541725H, 2541725B, 2541725A, 2541725
 Servicing: Citroen, Peugeot, Rover
 Grooves 5, Length 173.00, Pulley SP, Fan IF
 A: 52.10 B: 26.00 C: 56.00 mm



112292 Alternator 14 V, 70 Amp
 Replacing: A11VI72, A11VI51, A11VI40, A11VI25, 2541854A, 2541854, 2541735, 2541710B, 2541710, 2541459
 Servicing: Citroen, Fiat, Peugeot, Suzuki
 Grooves 6, Length 173.00, Pulley SP, Fan IF
 A: 42.00 B: 27.20 C: 65.00 mm



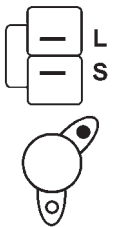
112298 Alternator 14 V, 80 Amp
 Replacing: SG9B077, A13VI81, A13VI280, A13VI189, 2542880A, 2542880, 2542417, 2541950B, 2541950, 2541703B
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 179.00, Pulley SP, Fan IF
 A: 42.00 B: 26.10 C: 66.70 mm



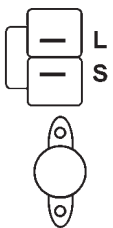
112299 Alternator 14 V, 95 Amp
 Replacing: A13VI71, A13VI281, A13VI191, 2542418A, 2542418, 2541951C, 2541951A, 2541951, 2541665C, 2541665B
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 43.00 B: 27.00 C: 67.00 mm



112327 Alternator 14 V, 100 Amp
 Replacing: AB195126, A0002655009
 Servicing: Hyundai, Kia, Mitsubishi, Volvo
 Grooves 4, Length 179.00, Pulley SP, Fan IF
 A: 38.45 B: 13.00 C: 66.50 mm



112333 Alternator 14 V, 110 Amp
 Replacing: TA000A57301, AF111364
 Servicing: Hyundai
 Grooves 2, Length 233.00, Pulley DP, Fan IF
 A: 42.20 B: 13.00 C: 55.00 mm



112334 Alternator 14 V, 75 Amp
 Replacing: AF185452
 Servicing: Kia
 Grooves 5, Length 234.50, Pulley SP, Fan IF
 A: 46.00 B: 13.00 C: 80.00 mm



112396 Alternator 14 V, 90 Amp
 Replacing: SG9B042, SG9B017, 2542507, 2542239B, 2542239
 Servicing: Audi, VW
 Grooves 5, Length 174.00, Pulley SP/FW, Fan IF
 A: 30.00 B: 14.00 C: 60.85 mm



112397 Alternator 14 V, 120 Amp
 Replacing: SG12B049, SG12B012, 2542508F, 2542508E, 2542508D, 2542508C, 2542508A, 2542508, 2542234A, 2542234
 Servicing: Audi, Skoda, VW
 Grooves 5, Length 188.00, Pulley SP/FW, Fan IF
 A: 29.85 B: 14.10 C: 61.00 mm



112399 Alternator 14 V, 90 Amp
 Replacing: SG9B027, SG9B011, SG9B010, 2542252B, 2542225A, 2542225
 Servicing: Audi, Skoda, VW
 Grooves 5, Length 163.50, Pulley SP, Fan IF
 A: 34.65 B: 14.00 C: 82.50 mm



112413 Alternator 14 V, 90 Amp
 Replacing: A13VI286, A13VI200, A13VI190, 2542515A, 2542515, 2541961A, 2541961
 Servicing: BMW
 Grooves 6, Length 206.00, Pulley SP, Fan IF
 A: 47.00 B: 20.00 C: 74.00 mm

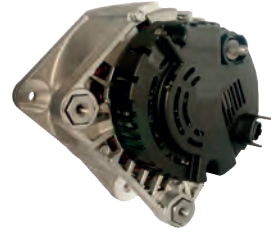
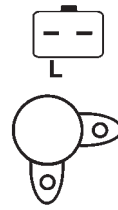
ALTERNATORS



112458 Alternator 14 V, 120 Amp
 Replacing: SG10B019, SG10B010, A13VI289, A13VI285, A13VI252, 2542551A, 2542551, 2542495A, 2542495, 2542466D
 Servicing: Renault
 Terminal W, Grooves 6, Length 174.00, Pulley SP/FW, Fan IF
 A: 46.50 B: 27.50 C: 66.50 mm



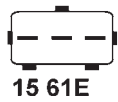
112467 Alternator 14 V, 90 Amp
 Replacing: A13VI273, A13VI142, 2542375, 2541863
 Servicing: Citroen, Peugeot
 Grooves 5, Length 173.00, Pulley SP, Fan IF
 A: 55.00 B: 26.60 C: 56.70 mm



112471 Alternator 14 V, 125 Amp
 Replacing: SG12B123, SG12B110, SG12B096, SG12B071, SG12B017, 2543639, 2543558A, 2543558, 2543384A, 2543384
 Servicing: Mitsubishi, Nissan, Opel, Renault, Vauxhall, Volvo
 Grooves 6, Length 179.00, Pulley SP/FW, Fan IF
 A: 32.50 B: 13.50 C: 60.90 mm



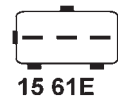
112460 Alternator 14 V, 150 Amp
 Replacing: TG15C115, SG15S021, SG15S016, A14VI42, A14VI27, 2543492A, 2543492, 2542684A, 2542681A, 2542681
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP, Fan IF
 A: 43.60 B: 22.00 C: 45.60 mm



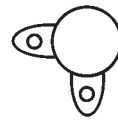
15 61E



112468 Alternator 14 V, 150 Amp
 Replacing: SG15S030, A14VI53, A14VI52, A14VI29, A14S055, A14S054, 2542826A, 2542826, 2542824A, 2542824
 Servicing: BMW, Opel, Vauxhall
 Grooves 5, Length 190.00, Pulley SP, Fan IF
 A: 60.70 B: 27.80 C: 75.00 mm



15 61E



112472 Alternator 14 V, 100 Amp
 Replacing: SG12B080, A13VI234, 2542797B, 2542797A, 2542797, 2542265B, 2542265A, 2542265
 Servicing: BMW, Land Rover, MG, Rover
 Grooves 5, Length 185.00, Pulley SP, Fan IF
 A: 61.00 B: 28.00 C: 75.40 mm



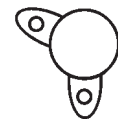
112461 Alternator 14 V, 150 Amp
 Replacing: TG15C116, SG15S022, SG15S018, A14VI41, A14VI35, 2543493, 2542684, 2542564A, 2542564, 2542500A
 Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot, Suzuki
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 22.00 C: 45.00 mm



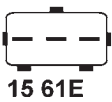
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112469 Alternator 14 V, 90 Amp
 Replacing: TG9B051, TG9B050, TG9B028, SG10B022, A13VI277, A13VI242, 2543215A, 2543215, 2542490A, 2542490
 Servicing: Citroen, Fiat, Peugeot, Toyota
 Grooves 6, Length 180.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 22.20 C: 45.60 mm



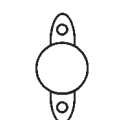
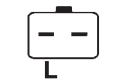
112480 Alternator 14 V, 90 Amp
 Replacing: SG10B021, A13VI204, 2542489A, 2542489, 2541971B, 2541971
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 174.00, Pulley SP, Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm



15 61E



112462 Alternator 14 V, 120 Amp
 Replacing: A14VI28, 2542251B, 2542251A, 2542251
 Servicing: BMW, Land Rover, MG, Rover
 Grooves 5, Length 190.50, Pulley SP, Fan IF
 A: 60.00 B: 27.85 C: 75.00 mm



112470 Alternator 14 V, 110 Amp
 Replacing: A13VI253, 2542327B, 2542327
 Servicing: Renault
 Terminal W, Grooves 6, Length 181.50, Pulley SP, Fan IF
 A: 47.00 B: 26.50 C: 66.50 mm



112529 Alternator 14 V, 90 Amp

Replacing: A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919B, 2541919, 2541838A, 2541838, 2541775B

Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong

Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF

Alternative no.: 116129

A: 92.00 B: 56.10 mm



112530 Alternator 14 V, 120 Amp

Replacing: TA000A33001

Servicing: Daewoo, Mercedes-Benz, Ssangyong

Grooves 6, Length 201.00, Pulley SP, Fan IF

A: 92.50 B: 56.10 mm



112535 Alternator 14 V, 120 Amp

Replacing: SG12B027, 2542345C, 2542345

Servicing: Mercedes-Benz

Grooves 6, Length 192.90, Pulley SP, Fan IF

A: 91.95 B: 56.00 mm



112548 Alternator 14 V, 60 Amp

Manufacturer: Valeo

Replacing: A13N271

Servicing: KHD

Terminal W, Length 174.00, Pulley w/o, Fan w/o

Alternative no.: 116360



112557 Alternator 14 V, 120 Amp

Replacing: A13VI152, A13VI118, 2541880C, 2541880B, 2541880, 2541809A, 2541809, 2541609

Servicing: Renault, Volvo

Grooves 6, Length 180.00, Pulley SP, Fan IF

A: 47.80 B: 21.00 C: 55.50 mm



112648 Alternator 14 V, 70 Amp

Replacing: A11VI108, A11VI102, 2542398B, 2542398, 2542305

Servicing: Citroen, Peugeot

Grooves 5, Length 173.00, Pulley SP, Fan IF

A: 75.00 B: 56.00 mm



112657 Alternator 28 V, 60 Amp

Replacing: 390086, 21EA00040

Servicing: Various Industrial applications

Grooves 8, Length 206.00, Pulley SP, Fan EF

One wire hookup(self-exciting) type.

A: 42.75 B: 14.85 C: 101.00 mm



112679 Alternator 14 V, 110 Amp

Replacing: A13VI57, A13VI210, A13VI167, A13VI164, A13VI153, 2541982C, 2541982A, 2541982, 2541906B, 2541906A

Servicing: Renault, Volvo

Terminal W, Grooves 6, Length 190.00, Pulley SP, Fan IF

A: 46.50 B: 27.70 C: 66.30 mm



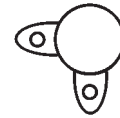
112681 Alternator 14 V, 80 Amp

Replacing: A13VI72, 2541678C, 2541678B, 2541678

Servicing: Citroen, Fiat

Grooves 6, Length 190.00, Pulley SP, Fan IF

A: 52.00 B: 27.00 C: 69.00 mm



112687 Alternator 14 V, 80 Amp

Replacing: A13VI54, 2541494A, 2541494

Servicing: BMW

Grooves 6, Length 236.00, Pulley SP, Fan IF

A: 69.00 B: 28.00 C: 76.50 mm



112688 Alternator 14 V, 95 Amp

Replacing: A13VI94, A13VI274, A13VI261, A13VI258, A13VI231, 2542376A, 2542376, 2542358A, 2542358, 2542352

Servicing: Alfa Romeo, Citroen, Fiat, Lancia, Peugeot

Grooves 6, Length 175.00, Pulley SP, Fan IF

A: 92.50 B: 55.80 mm



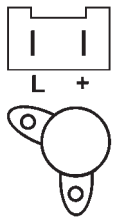
112703 Alternator 14 V, 120 Amp

Replacing: A14VI13, 2541760B, 2541760

Servicing: Citroen, Fiat, Peugeot

Grooves 6, Length 180.00, Pulley SP, Fan IF

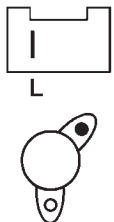
A: 92.00 B: 56.00 mm



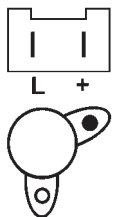
112728 Alternator 14 V, 55 Amp
 Replacing: A13N104, 2541465
 Servicing: Renault
 Grooves 1, Length 176.00, Pulley P, Fan EF
 A: 102.00 B: 56.00 mm



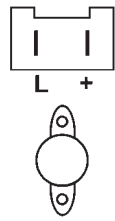
112735 Alternator 14 V, 45 Amp
 Manufacturer: Mahle Letrika
 Replacing: 2940373A, 2940373, 2940310A, 2940310
 Servicing: Audi, VW
 Terminal W, Grooves 1, Length 186.00, Pulley P, Fan EF
 A: 109.50 B: 56.30 mm



112754 Alternator 14 V, 70 Amp
 Replacing: A13N216, A13N176, A13N130, 2541364, 2541170, 2180675
 Servicing: Citroen, Peugeot
 Grooves 1, Length 172.50, Pulley P, Fan EF
 A: 95.00 B: 56.00 mm



112756 Alternator 14 V, 60 Amp
 Replacing: A13N157, 2541257, 2541117
 Servicing: Renault
 Grooves 1, Length 160.00, Pulley P, Fan EF
 A: 56.00 B: 27.00 C: 65.00 mm



112769 Alternator 14 V, 60 Amp
 Replacing: A13N209, A13N206, A13N161, 2541328, 2541313
 Servicing: Renault
 Grooves 6, Length 166.00, Pulley SP, Fan EF
 A: 46.50 B: 26.80 C: 70.00 mm



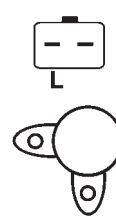
112772 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: A14VI31, A14VI30, A14VI10, 2542267, 2542262A, 2542262, 2541711C, 2541711B, 2541711
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 175.50, Pulley SP, Fan IF
 A: 41.70 B: 26.70 C: 66.80 mm



112782 Alternator 14 V, 80 Amp
 Replacing: A13VI96, A13VI83, A13VI46, A13VI27, 2541767C, 2541767A, 2541767, 2541724, 2541447A, 2541447
 Servicing: Citroen, Peugeot
 Grooves 5, Length 179.00, Pulley SP, Fan IF
 A: 75.00 B: 56.00 mm



112800 Alternator 14 V, 95 Amp
 Replacing: A13VI18, 2541321H, 2541321F, 2541321E, 2541321
 Servicing: BMW
 Grooves 5, Length 182.00, Pulley SP, Fan IF
 A: 77.50 B: 56.00 mm



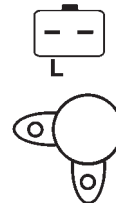
113245 Alternator 14 V, 125 Amp
 Replacing: SG12B122, SG12B107, SG12B097, SG12B072, SG12B068, SG12B030, 2543557B, 2543557A, 2543557, 2543386
 Servicing: Nissan, Opel, Renault, Vauxhall
 Grooves 6, Length 172.00, Pulley SP, Fan IF
 A: 33.00 B: 13.90 C: 60.70 mm



113246 Alternator 14 V, 90 Amp
 Replacing: TG9B065, TG9B025, SG9B067, SG9B064, SG8B022, SG10B023, A13VI283, A13VI282, 437223, 2607211A
 Servicing: Citroen, Peugeot
 Grooves 6, Length 162.00, Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.40 mm



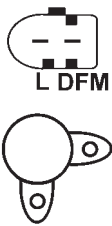
113247 Alternator 14 V, 120 Amp
 Replacing: SG12B040, 2542441D, 2542441C, 2542441A, 2542441
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 178.00, Pulley SP, Fan IF
 A: 52.00 B: 27.00 C: 68.50 mm



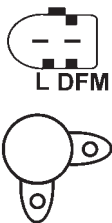
113248 Alternator 14 V, 120 Amp
 Replacing: SG12B116, SG12B108, SG12B095, SG12B050, 2543441A, 2543441, 2543387A, 2543387, 2543340A, 2543340
 Servicing: Nissan, Opel, Renault, Vauxhall, Volvo
 Grooves 5, Length 190.00, Pulley SP/FW, Fan IF
 A: 36.00 B: 14.00 C: 60.75 mm



113251 Alternator 14 V, 150 Amp
 Replacing: SG15L026, SG15L012, 2542771D, 2542771B, 2542771, 2542524A, 2542524
 Servicing: Mercedes-Benz
 Grooves 5, Pulley SP/FW, Fan IF
Water cooled.
 A: 30.00 B: 151.50 C: 43.00 mm



113252 Alternator 14 V, 140 Amp
 Replacing: SG14B011, 2542496C, 2542496B, 2542496
 Servicing: Audi, VW
 Grooves 5, Length 180.00, Pulley SP/FW, Fan IF
 A: 29.00 B: 14.00 C: 61.00 mm



113253 Alternator 14 V, 90 Amp
 Replacing: SG9B057, SG9B048, SG8B026, SG8B023, 2542747F, 2542747B, 2542747A, 2542747, 2542746E, 2542746B
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 30.00 B: 14.00 C: 60.80 mm



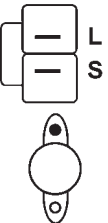
113283 Alternator 14 V, 120 Amp
 Replacing: SG12B018, 2542295A, 2542295
 Servicing: Audi, Skoda, VW
 Grooves 5, Length 181.50, Pulley SP, Fan IF
 A: 34.25 B: 14.00 C: 82.00 mm



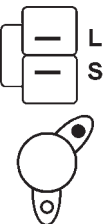
113300 Alternator 14 V, 120 Amp
 Replacing: SG12B021, 2542317C, 2542317A, 2542317
 Servicing: Mercedes-Benz
 Grooves 6, Length 193.00, Pulley SP, Fan IF
 A: 92.00 B: 56.00 mm



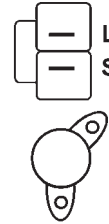
113302 Alternator 14 V, 120 Amp
 Replacing: SG12B060, SG12B023, 2542572A, 2542572, 2542319E, 2542319D, 2542319
 Servicing: Chrysler, Mercedes-Benz
 Grooves 6, Length 184.50, Pulley SP, Fan IF
 A: 82.00 B: 56.00 mm



113317 Alternator 14 V, 80 Amp
 Replacing: A0002655221
 Servicing: Nissan
 Grooves 6, Length 180.50, Pulley SP, Fan IF
 A: 38.20 B: 13.00 C: 80.90 mm



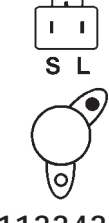
113330 Alternator 14 V, 75 Amp
 Replacing: TA000A57401, AF175476, AF175363
 Servicing: Hyundai, Kia
 Grooves 2, Length 226.00, Pulley DP, Fan IF
 A: 42.00 B: 13.10 C: 55.00 mm



113331 Alternator 14 V, 110 Amp
 Replacing: TA000A61201, TA000A56901, AF111390, AF111225, 2655721
 Servicing: Hyundai, Kia
 Grooves 5, Length 239.50, Pulley SP/FW, Fan IF
 A: 46.50 B: 13.00 C: 80.80 mm



113340 Alternator 14 V, 70 Amp
 Replacing: SG8B027, 2542244
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.50, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.00 C: 62.00 mm

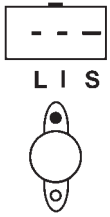


113343 Alternator 14 V, 65 Amp
 Replacing: TA000A58201, AD165471, AD165454, AD165444, AD165440, AD165439, AD165206
 Servicing: Hyundai
 Grooves 1, Length 224.00, Pulley P, Fan EF
 A: 44.50 B: 13.00 C: 54.70 mm



113349 Alternator 14 V, 85 Amp
 Replacing: 219202, 219138
 Servicing: Daewoo
 Grooves 6, Length 183.50, Pulley SP, Fan IF
 A: 36.00 B: 13.00 C: 81.50 mm

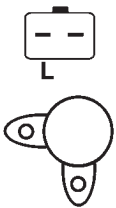
ALTERNATORS



113350 Alternator 14 V, 85 Amp
 Replacing: 219139
 Servicing: Chevrolet, Daewoo
 Grooves 5, Length 179.00, Pulley SP,
 Fan IF
 A: 36.00 B: 13.20 C: 81.30 mm



113382 Alternator 14 V, 60 Amp
 Replacing: A13N285M, A13N285
 Servicing: Volvo Penta
 Terminal W, Length 173.00, Pulley w/o,
 Fan EF, Insulated return
 B: 50.50 mm



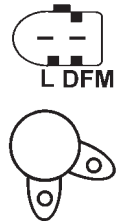
113403 Alternator 14 V, 75 Amp
 Replacing: SG7S070, SG7S012, A11VI110,
 2543550A, 2543550, 2542540D, 2542540C,
 2542540, 2542464A, 2542464
 Servicing: Nissan, Renault
 Grooves 3, Length 160.00, Pulley SP,
 Fan IF
 A: 53.50 B: 27.00 C: 66.50 mm



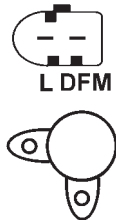
113404 Alternator 14 V, 90 Amp
 Replacing: A13VI288, A13VI279, A13VI278,
 A13VI256, A13VI246, 2542525A, 2542525,
 2542400, 2542399B, 2542399
 Servicing: Citroen, Peugeot
 Grooves 5, Pulley SP, Fan IF
 A: 75.00 B: 56.30 mm



113405 Alternator 14 V, 70 Amp
 Replacing: TG9B043, TG7S014, TG7S010,
 SG7S015, A11VI99, A11VI106, 2607208A,
 2607208, 2543521A, 2543521
 Servicing: Citroen, Peugeot
 Terminal DF, Grooves 6, Length 170.00,
 Pulley SP, Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



113406 Alternator 14 V, 90 Amp
 Replacing: A13VI241, 2542294A, 2542294
 Servicing: VW
 Terminal W, Grooves 6, Length 187.00,
 Pulley SP, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



113407 Alternator 14 V, 150 Amp
 Replacing: A14VI47, A14VI46, A14VI45,
 A14VI34, 2542605C, 2542605, 2542602C,
 2542602A, 2542602, 2542538C
 Servicing: BMW
 Grooves 5, Length 192.00, Pulley SP,
 Fan IF
 A: 61.00 B: 27.90 C: 75.10 mm



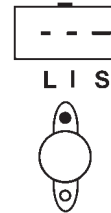
113471 Alternator 14 V, 65 Amp
 Replacing: A13E63
 Servicing: Fiat, Lancia
 Grooves 4, Length 162.00, Pulley SP,
 Fan EF
 A: 54.50 B: 32.00 mm



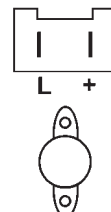
113477 Alternator 28 V, 55 Amp
 Replacing: A14N81M, A14N47M, A14N137M,
 A14N119M, A14N112M, A14N100M, A14N100,
 2541168, 2181991C, 2181991
 Servicing: DAF, Volvo, Volvo BM, Volvo Penta
 Terminal W, Length 184.00, Pulley w/o,
 Fan EF, Insulated return
 B: 50.80 mm



113485 Alternator 14 V, 80 Amp
 Replacing: A13VI95, A13VI260, A13VI230,
 2542357, 2542253, 2541759
 Servicing: Citroen, Fiat, Lancia, Peugeot,
 Suzuki
 Grooves 6, Length 166.00, Pulley SP,
 Fan IF
 A: 92.00 B: 56.00 mm



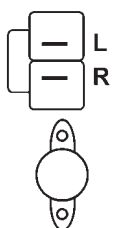
113498 Alternator 14 V, 80 Amp
 Replacing: 219199, 219137
 Servicing: Chevrolet, Daewoo, Lancia
 Grooves 6, Length 166.00, Pulley SP,
 Fan IF
 A: 50.65 B: 33.65 C: 58.60 mm



113500 Alternator 14 V, 70 Amp
 Replacing: A13N164, A13N163, 2541124
 Servicing: Renault
 Terminal W, Grooves 6, Length 165.00,
 Pulley SP, Fan EF
 A: 46.50 B: 27.00 C: 65.60 mm



113503 Alternator 14 V, 120 Amp
 Replacing: SG12S055, 2542547
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 177.00, Pulley SP,
 Fan IF
 A: 43.00 B: 22.20 C: 45.00 mm



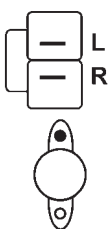
113506 Alternator 28 V, 40 Amp
 Replacing: TA000A64401
 Servicing: Mitsubishi
 Terminal W, Grooves 2, Length 185.00,
 Pulley DP, Fan EF
 A: 43.00 B: 13.10 C: 81.60 mm



113510 Alternator 14 V, 140 Amp
 Replacing: TG15C043, TG15C011, SG14B013,
 SG14B012, A14VI36, 2542587B, 2542587,
 2542497C, 2542497B, 2542497A
 Servicing: Audi, Skoda, VW
 Grooves 6, Length 181.00, Pulley SP,
 Fan IF
 A: 30.00 B: 14.10 C: 82.00 mm



113517 Alternator 14 V, 110 Amp
 Replacing: TA000A44301, AB195141
 Servicing: Hyundai
 Grooves 4, Length 176.50, Pulley SP,
 Fan IF
 A: 38.25 B: 13.00 C: 66.50 mm



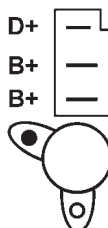
113518 Alternator 14 V, 60 Amp
 Replacing: TA000A17301, AB160108
 Servicing: Hyundai
 Grooves 4, Length 171.00, Pulley SP,
 Fan IF
 A: 38.00 B: 13.10 C: 48.30 mm



113519 Alternator 14 V, 90 Amp
 Replacing: TA000A58602, AF190217,
 AF190216, AF175385, AF175362, AF175207
 Servicing: Hyundai, Mitsubishi
 Grooves 2, Length 223.00, Pulley DP,
 Fan IF
 A: 42.00 B: 13.00 C: 54.90 mm



113529 Alternator 14 V, 120 Amp
 Replacing: SG10B071
 Servicing: Ford, New Holland
 Terminal W, Grooves 8, Length 204.40,
 Pulley SP, Fan IF
 A: 33.00 B: 14.10 C: 83.30 mm



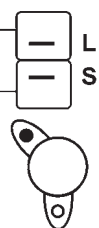
113574 Alternator 14 V, 65 Amp
 Replacing: NA066
 Servicing: Case, New Holland, Valtra
 Terminal W, Grooves 1, Length 177.50,
 Pulley P, Fan EF
 A: 36.85 B: 10.40 C: 83.00 mm



113575 Alternator 14 V, 80 Amp
 Replacing: TG9B064, TG9B045, TG9B024,
 SG9B066, SG9B065, SG9B063, SG9B043,
 SG8B021, SG09B063, A13VI276
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 162.00, Pulley SP,
 Fan IF
 A: 42.00 B: 22.00 C: 45.00 mm



113577 Alternator 14 V, 75 Amp
 Replacing: SG7S074, SG7S028, A11VI98,
 A11VI111, 2542480A, 2542480, 2542252A,
 2542252
 Servicing: Renault
 Grooves 4, Length 169.00, Pulley SP,
 Fan IF
 A: 46.15 B: 27.00 C: 64.70 mm



113600 Alternator 14 V, 90 Amp
 Replacing: TA000A48402, TA000A48401
 Servicing: Bobcat
 Grooves 1, Length 173.00, Pulley P,
 Fan IF
 A: 37.50 B: 13.00 C: 57.70 mm



113603 Alternator 14 V, 80 Amp
 Replacing: SG8B020, A13VI203, 2542486A,
 2542486, 2541970A, 2541970
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 172.00, Pulley SP,
 Fan IF
 A: 42.00 B: 22.00 C: 46.00 mm

ALTERNATORS



113604 Alternator 14 V, 95 Amp

Replacing: A13VI263, A13VI233, A13VI101, 2542356A, 2542356, 2542256, 2541784B, 2541784A, 2541784

Servicing: Citroen, Fiat, Lancia, Peugeot
Grooves 6, Length 175.50, Pulley SP, Fan IF
A: 92.70 B: 56.00 mm



113633 Alternator 14 V, 55 Amp

Replacing: M39590, A000B0341

Servicing: Various
Grooves 1, Length 168.00, Pulley P, Fan EF
A: 56.00 B: 27.40 mm



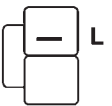
113640 Alternator 14 V, 150 Amp

Replacing: TG15C118, TG15C053, TG15C028, TG15C020, TC15C020, SG15S024, A14VI49, A14VI48, 2543526A, 2543526

Servicing: Citroen, Fiat, Lancia, Peugeot
Grooves 6, Length 177.50, Pulley SP/FW, Fan IF

As HC-CARGO 116067, but w/ pulley.
Alternative no.: 116067

A: 42.50 B: 21.20 C: 45.80 mm

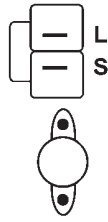


113652 Alternator 14 V, 110 Amp

Replacing: TA000A34501, AB195133, AB195116, AB1950133, AB1950116, A000265516, A000265516, 2655516

Servicing: Hyundai, Kia
Grooves 6, Length 184.50, Pulley SP, Fan IF
HC-CARGO 114522, 95 A.

A: 43.30 B: 23.15 C: 44.40 mm



113656 Alternator 14 V, 80 Amp

Replacing: AB180140

Servicing: Kia
Grooves 4, Length 154.00, Pulley SP, Fan IF
A: 37.50 B: 13.20 C: 66.90 mm



113657 Alternator 14 V, 90 Amp

Replacing: AB190147, A0002655023, 2455023

Servicing: Hyundai, Kia
Grooves 4, Length 174.00, Pulley SP, Fan IF
A: 34.60 B: 13.10 C: 55.20 mm



113720 Alternator 14 V, 75 Amp

Manufacturer: Valeo

Replacing: TG8S023, TG8S022, TG8S016, TG8S014, TG8S013, TG8S012, 2606333A, 2606333, 2543481, 2543480A, 2543480

Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
Grooves 6, Length 184.00, Pulley SP/FW, Fan IF

Alternative no.: 116064

A: 41.50 B: 64.00 C: 55.00 mm



113721 Alternator 14 V, 75 Amp

Manufacturer: Valeo

Replacing: TG8S021, TG8S010, 2543484A, 2543484, 2542671B, 2542671A, 2542671

Servicing: Fiat, Lancia
Grooves 6, Length 174.00, Pulley SP, Fan IF

Alternative no.: 116330

A: 41.00 B: 64.40 C: 55.00 mm



113722 Alternator 14 V, 90 Amp

Manufacturer: Valeo

Replacing: TG9S140, TG9S036, TG9S022, TG9S021, TG9S016, TG9S015, TG9S010, 2623613A, 2606334, 2543477A, 2543477

Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall

Grooves 6, Length 187.00, Pulley SP/FW, Fan IF

Alternative no.: 115963

A: 40.20 B: 64.15 C: 56.00 mm



113751 Alternator 14 V, 120 Amp

Replacing: SG12B054, SG12B025, SG12B011, 2542546B, 2542546, 2542324D, 2542324A, 2542324, 2542233C, 2542233A

Servicing: Audi, VW

Grooves 6, Length 165.00, Pulley SP, Fan IF

A: 30.00 B: 14.00 C: 82.00 mm



113755 Alternator 14 V, 150 Amp

Replacing: TG15C119, TG15C054, TG15C022, SG15S017, A14VI40, 2543527, 2542925A, 2542925, 2542704A, 2542704

Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki, Toyota

Grooves 6, Length 175.00, Pulley SP, Fan IF

A: 43.00 B: 21.00 C: 45.10 mm



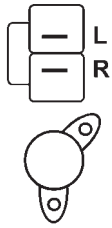
113782 Alternator 14 V, 110 Amp

Replacing: MN158384

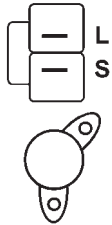
Servicing: Mitsubishi

Grooves 6, Length 162.00, Pulley SP, Fan IF

A: 38.00 B: 13.00 C: 53.50 mm



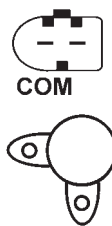
113791 Alternator 14 V, 70 Amp
 Replacing: TA000A55601, 2655517
 Servicing: Hyundai, Kia
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 38.50 B: 13.00 C: 48.00 mm



113792 Alternator 14 V, 110 Amp
 Replacing: TA000A62401, TA000A48201, AF111393, AF111382
 Servicing: Hyundai, Kia
 Grooves 7, Length 238.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 16.00 C: 55.00 mm



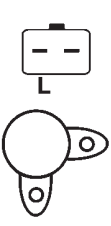
113835 Alternator 14 V, 120 Amp
 Replacing: SG12B024, 2542320C, 2542320B, 2542320A, 2542320
 Servicing: Mercedes-Benz
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 82.40 B: 56.00 mm



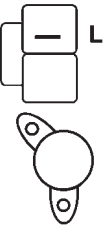
113858 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: TG15C098, TG15C018, 2543413A, 2543413, 2543292, 2542685C, 2542685B, 2542685
 Servicing: BMW
 Grooves 6, Length 193.00, Pulley SP, Fan IF
 Alternative no.: 115976
 A: 69.00 B: 28.00 C: 77.00 mm



113861 Alternator 14 V, 110 Amp
 Manufacturer: Valeo
 Replacing: TG11C048, 2543291C, 2543291
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 187.50, Pulley SP/FW, Fan IF
 A: 29.20 B: 14.30 C: 60.50 mm



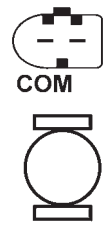
113862 Alternator 14 V, 125 Amp
 Manufacturer: Valeo
 Replacing: TG12C151, TG12C094, SG12B105, SG12B089, 2617345A, 2607395A, 2607395, 2543378C, 2543378, 2542946
 Servicing: Dacia, Nissan, Renault
 Grooves 6, Length 188.60, Pulley SP/FW, Fan IF
 Alternative no.: 116325
 A: 38.35 B: 14.00 C: 61.00 mm



113863 Alternator 14 V, 90 Amp
 Manufacturer: Valeo
 Replacing: A0002655103, 2655103, 2606219
 Servicing: Hyundai, Kia
 Grooves 5, Length 191.50, Pulley SP/FW, Fan IF
 A: 32.50 B: 13.20 C: 51.00 mm



113868 Alternator 14 V, 95 Amp
 Replacing: A13VI97, 2541770A, 2541770
 Servicing: BMW
 Grooves 5, Pulley SP, Fan IF
 A: 77.50 B: 56.00 mm



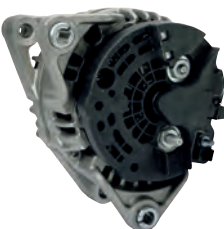
113871 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: SG14B017, SG12B065, 2542753B, 2542753A, 2542753, 2542609A, 2542609
 Servicing: BMW
 Grooves 6, Length 193.50, Pulley SP/FW, Fan IF
 Alternative no.: 115867
 A: 29.60 B: 62.85 C: 41.65 mm



113874 Alternator 14 V, 110 Amp
 Replacing: TG11C014, 2542696C, 2542696
 Servicing: Seat, Skoda, VW
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 39.30 B: 14.15 C: 61.15 mm



113877 Alternator 14 V, 120 Amp
 Manufacturer: Bosch
 Replacing: SG12B062, 2542582B, 2542582A, 2542582
 Servicing: Mercedes-Benz
 Grooves 7, Length 197.50, Pulley SP/FW, Fan IF
 Alternative no.: 116322
 A: 30.50 B: 69.90 C: 56.55 mm

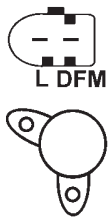


113879 Alternator 14 V, 100 Amp
 Replacing: SG7S020, 2542545A, 2542545
 Servicing: Opel, Vauxhall
 Grooves 6, Length 170.50, Pulley SP, Fan IF
 A: 50.50 B: 33.50 C: 59.10 mm

ALTERNATORS



113881 Alternator 14 V, 150 Amp
 Replacing: TG15C064, TG15C038, TG15C012, 2543236B, 2543236A, 2543236, 2542852A, 2542852, 2542672B, 2542672
 Servicing: BMW, Land Rover
 Grooves 6, Length 185.25, Pulley SP, Fan IF
 A: 60.65 B: 27.95 C: 76.00 mm



113882 Alternator 14 V, 120 Amp
 Replacing: SG12B074, SG12B010, 2574347, 2542680C, 2542680, 2542232D, 2542232A, 2542232
 Servicing: Audi, VW
 Grooves 5, Length 181.50, Pulley SP/FW, Fan IF
 A: 34.40 B: 14.00 C: 82.60 mm



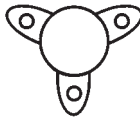
113887 Alternator 14 V, 90 Amp
 Replacing: SG9B055, SG9B018, 2542650A, 2542650, 2542260A, 2542260
 Servicing: Audi, Skoda, VW
 Grooves 6, Pulley SP, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



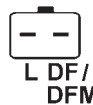
113896 Alternator 14 V, 170 Amp
 Manufacturer: Valeo
 Replacing: TG17C048, TG17C011, TG17C010B, TG17C010, 2543304A, 2543304, 2542613C, 2542613, 2542611B, 2542611A
 Servicing: BMW
 Grooves 6, Length 185.50, Pulley SP, Fan IF
 Alternative no.: 116158
 A: 60.50 B: 27.90 C: 75.90 mm



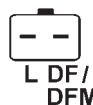
113919 Alternator 14 V, 125 Amp
 Replacing: SG12B109, SG12B098, SG12B081, SG12B052, 2543385, 2543337A, 2543337, 2542817B, 2542817, 2542554D
 Servicing: Nissan, Renault
 Grooves 7, Length 175.00, Pulley SP, Fan IF
 A: 32.50 B: 14.20 C: 60.70 mm



113920 Alternator 28 V, 35 Amp
 Replacing: A13N236M, A13N236, A13N23, 2541476
 Servicing: MAN, Mercedes-Benz, Nissan, Padane
 Terminal W, Length 176.00, Pulley w/o, Fan w/o
 B: 80.40 mm



113940 Alternator 14 V, 110 Amp
 Manufacturer: Valeo
 Replacing: TG11C064, TG11C062, TG11C034, TG11C011, 2543562A, 2543562, 2543560, 2542945B, 2542945, 2542664D
 Servicing: Dacia, Nissan, Renault
 Length 174.00, Pulley w/o, Fan IF
 Alternative no.: 116048
 B: 14.00 C: 60.00 mm



113946 Alternator 14 V, 90 Amp
 Replacing: TG9B066, TG9B044, TG9B026, TG10B024, TG10B013, SG10B048, 2607212, 2543524A, 2543524, 2543522A
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 150.40, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.70 C: 45.90 mm



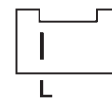
113948 Alternator 14 V, 150 Amp
 Replacing: TG15C023, SG15S031, 2542839A, 2542839, 2542705A, 2542705
 Servicing: Citroen, Peugeot
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 42.00 B: 21.50 C: 45.40 mm



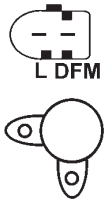
113950 Alternator 14 V, 90 Amp
 Replacing: SG9B054, 2542708B, 2542708A, 2542708
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 179.00, Pulley SP, Fan IF
 A: 52.50 B: 26.40 C: 66.90 mm



113961 Alternator 14 V, 120 Amp
 Replacing: A13VI243, 2542300A, 2542300
 Servicing: Massey Ferguson
 Terminal W, Grooves 2, Length 188.00, Pulley DP, Fan IF
 A: 29.00 B: 14.30 C: 83.00 mm



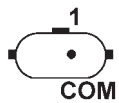
113991 Alternator 14 V, 80 Amp
 Replacing: A13N273
 Servicing: KHD
 Terminal W, Pulley w/o



113992 Alternator 14 V, 140 Amp
 Replacing: TG14C026, TG14C016, TG14C015, TG14C011, 2607703A, 2543282, 2542898, 2542695G, 2542695F, 2542695D
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 178.00, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.60 C: 61.30 mm



114026 Alternator 14 V, 80 Amp
 Replacing: A13VI85, A13VI31, 2541738C, 2541738B, 2541738, 2541360
 Servicing: Citroen, Peugeot
 Grooves 6, Pulley SP, Fan IF
 A: 42.00 B: 27.00 C: 66.50 mm



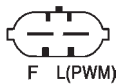
114039 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: SG12B124, SG12B092, 2543559A, 2543559, 2543205A, 2543205
 Servicing: Renault
 Grooves 7, Length 180.00, Pulley SP, Fan IF
 Alternative no.: 116341
 A: 33.00 B: 13.70 C: 60.27 mm



114042 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: TG17C030B, TG17C030, TG17C028, FG18S056, 2608993A, 2608993, 2543289A, 2543289, 2542989A, 2542989
 Servicing: Jeep, Mercedes-Benz
 Grooves 7, Length 187.00, Pulley SP/FW, Fan IF
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 116113
 A: 31.00 B: 70.00 mm



114046 Alternator 14 V, 130 Amp
 Manufacturer: Valeo
 Replacing: ST35C015, 2605928F, 2605928A, 2605928
 Servicing: Mercedes-Benz
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 OE Valeo.
 A: 30.40 B: 60.00 mm



114067 Alternator 14 V, 140 Amp
 Replacing: TG12C175, TG12C069, 2620361A
 Servicing: Chevrolet, Opel, Saab, Vauxhall
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 64.50 B: 23.00 C: 56.50 mm



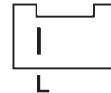
114077 Alternator 28 V, 40 Amp
 Manufacturer: Mahle Letrika
 Replacing: A13N272, A13N257, A13N190
 Servicing: KHD
 Terminal W, Length 163.00, Pulley w/o
 Dust proof.



114080 Alternator 14 V, 120 Amp
 Replacing: SG12S073, 2542669A, 2542669
 Servicing: Mini
 Grooves 6, Length 170.00, Pulley SP, Fan IF
 A: 19.50 B: 101.00 C: 43.00 mm



114082 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: FG18S108, FG18S022, 2617194A, 2543538A, 2543538
 Servicing: Citroen, Fiat, Iveco, Peugeot
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 116043
 A: 38.00 B: 14.00 C: 81.00 mm



114084 Alternator 14 V, 70 Amp
 Replacing: A13N291, A13N260, 2541671
 Servicing: Carrier Transicold
 Grooves 1, Length 174.00, Pulley P, Fan EF
 A: 60.00 B: 40.00 mm



114102 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: TG17C061, TG17C041, 2543498B, 2543498A, 2543498, 2543248A, 2543248
 Servicing: Mercedes-Benz
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: 116068
 A: 30.00 B: 70.00 C: 56.00 mm



114109 Alternator 14 V, 180 Amp
 Replacing: FG18T033, 2605717A, 2605717
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 A: 39.00 B: 14.50 C: 60.60 mm



114114 Alternator 14 V, 65 Amp
 Replacing: TA000A52202, TA000A30601, AB165104, 219235
 Servicing: Chevrolet, Daewoo
 Grooves 1, Length 166.50, Pulley P, Fan IF
 A: 42.00 B: 14.35 C: 66.00 mm



114128 Alternator 14 V, 150 Amp
 Replacing: SG15S037, SG15S019, 2613270A, 2613270, 2542565B, 2542565A, 2542565
 Servicing: Ford, Mazda
 Grooves 6, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 45.00 mm



114130 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: TG15C121, TG15C057, TG15C056, TG15C034, 2543570Q, 2543570C, 2543570B, 2543570, 2543412, 2543363A
 Servicing: Mercedes-Benz
 Grooves 5, Length 183.00, Pulley SP/FW, Fan IF
 Alternative no.: 116069
 A: 30.00 B: 151.00 mm



114189 Alternator 14 V, 180 Amp
 Replacing: TG17C035, TG17C027, TG17C021B, TG17C021, 2543293A, 2543293, 2543221D, 2543221C, 2543221, 2542785B
 Servicing: BMW
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 57.00 B: 28.00 C: 75.00 mm



114219 Alternator 14 V, 50 Amp
 Replacing: TA000A58101
 Servicing: Daedong Kioti
 Terminal W, Grooves 1, Length 151.00, Pulley P, Fan IF
 A: 43.00 B: 15.00 C: 66.00 mm



114292 Alternator 14 V, 180 Amp
 Replacing: FG18S019, 2543461B, 2543461
 Servicing: BMW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 57.00 B: 28.00 C: 75.00 mm



114293 Alternator 14 V, 80 Amp
 Replacing: TG8S024, 2543488B, 2543488A, 2543488
 Servicing: Nissan
 Grooves 4, Length 151.00, Pulley SP, Fan IF
 A: 45.50 B: 13.00 C: 67.00 mm



114306 Alternator 14 V, 180 Amp
 Replacing: FG18S109, FG18S023, 2617195A, 2543539A, 2543539
 Servicing: Fiat, Iveco
 Grooves 7, Length 180.00, Pulley SP, Fan IF
 A: 41.00 B: 14.00 C: 83.50 mm



114322 Alternator 14 V, 140 Amp
 Replacing: TG14C078, TG14C020, 2543398B, 2543398A
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 A: 40.00 B: 14.00 C: 61.00 mm



114385 Alternator 14 V, 170 Amp
 Replacing: TG17C034, 2543222B, 2543222A, 2543222
 Servicing: BMW
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 55.50 B: 27.20 C: 75.50 mm



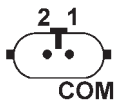
114406 Alternator 14 V, 115 Amp
 Manufacturer: Valeo
 Replacing: TG11C059, TG11C036, 2543508, 2542956A, 2542956
 Servicing: Mitsubishi, Smart (MCC)
 Grooves 5, Length 186.00, Pulley SP/FW, Fan IF
 A: 81.50 B: 46.20 mm



114408 Alternator 14 V, 180 Amp
 Replacing: TG17C022, TG17C020, 2542784C, 2542784B, 2542784A, 2542784
 Servicing: Audi, VW
 Grooves 6, Length 182.00, Pulley SP, Fan IF
 A: 30.00 B: 14.00 C: 60.80 mm



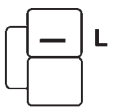
114451 Alternator 14 V, 105 Amp
 Replacing: TG9S039, TG9S027, TG9S011, 2543479A, 2543479, 2542729
 Servicing: Fiat, Lancia, Opel, Vauxhall
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 41.00 B: 63.50 C: 55.00 mm



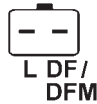
114463 Alternator 14 V, 120 Amp
 Replacing: TG12C150, TG12C078, 2606288A, 2606288
 Servicing: Dacia, Renault
 Grooves 6, Length 165.00, Pulley SP/FW, Fan IF
 A: 38.50 B: 14.00 C: 61.00 mm



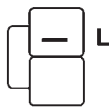
114467 Alternator 14 V, 90 Amp
 Replacing: 2655447, 2608339
 Servicing: Hyundai, Kia
 Grooves 6, Length 168.00, Pulley SP, Fan IF
 A: 33.00 B: 15.00 C: 50.50 mm



114495 Alternator 14 V, 120 Amp
 Replacing: TG12C033, A0002655475, 2655475, 2606220, 2543370A, 2543370
 Servicing: Hyundai, Kia
 Grooves 5, Length 195.00, Pulley SP/FW, Fan IF
 A: 33.00 B: 13.00 C: 50.85 mm



114509 Alternator 14 V, 150 Amp
 Replacing: TG15C058, 2542966G, 2542966F, 2542966E, 2542966D, 2542966B, 2542966
 Servicing: Hyundai, Nissan, Opel, Renault, Vauxhall
 Grooves 7, Pulley SP/FW, Fan IF
 A: 32.70 B: 14.00 C: 61.00 mm



114522 Alternator 14 V, 95 Amp
 Replacing: SG9B025, 2542284E, 2542284C, 2542284B, 2542284
 Servicing: Hyundai, Kia
 Grooves 6, Pulley SP, Fan IF
 HC-CARGO 113652 110 A.
 A: 34.00 B: 23.00 C: 45.00 mm



114524 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: TG17C015, 2542720J, 2542720D, 2542720
 Servicing: BMW
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 116295
 A: 29.50 B: 62.50 C: 41.50 mm



114664 Alternator 14 V, 75 Amp
 Replacing: A0002655301, A0002655300, 425300, 2655301, 2655300
 Grooves 6, Pulley SP, Fan IF
 A: 70.00 B: 51.00 mm



114673 Alternator 14 V, 120 Amp
 Replacing: SG12B103, SG12B038, 2543366A, 2543366, 2542470G, 2542470E, 2542470D, 2542470
 Servicing: Dacia, Nissan, Renault
 Grooves 5, Length 168.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 14.00 C: 61.20 mm



114680 Alternator 14 V, 150 Amp
 Replacing: SG15S032, SG15S010, 2542849, 2542312A, 2542312
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 193.00, Pulley SP, Fan IF
 A: 53.20 B: 26.90 C: 65.70 mm



114684 Alternator 14 V, 120 Amp
 Replacing: A14VI37, 2542388
 Servicing: Fiat
 Grooves 6, Length 203.00, Pulley SP, Fan IF
 A: 51.50 B: 26.50 C: 65.50 mm



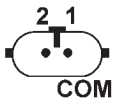
114697 Alternator 14 V, 180 Amp
 Replacing: FG18T116, FG18T115, FG18T102, FG18T062
 Servicing: Skoda, VW
 Grooves 6, Length 167.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



114699 Alternator 14 V, 115 Amp
 Replacing: TG11C074, TG11C035, TG11C021, 2606301A, 2606301, 2542954C, 2542954, 2542774
 Servicing: Mercedes-Benz
 Grooves 5, Length 189.00, Pulley SP/FW, Fan IF
 A: 29.80 B: 142.00 C: 41.70 mm



114720 Alternator 14 V, 150 Amp
 Replacing: TG15C093, TG15C073, TG15C027, 2543390A, 2543390, 2543306D, 2543306C, 2543306B, 2543306, 2542769
 Servicing: BMW
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 56.00 B: 28.00 C: 75.50 mm



114721 Alternator 14 V, 150 Amp
 Manufacturer: Bosch
 Replacing: TG15C146, 2606272A, 2606272
 Servicing: Renault
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: 116323
 A: 38.50 B: 14.00 C: 61.50 mm



114722 Alternator 14 V, 140 Amp
 Replacing: TG14C025, SG14B022, SG14B016, SG14B010, 2606237A, 2606237, 2543369, 2542739B, 2542739A, 2542739
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 A: 29.00 B: 70.00 C: 56.00 mm



114724 Alternator 14 V, 150 Amp
 Replacing: TG15C234, TG15C186, TG15C183, TG15C169, TG15C152, TG15C103, 2612673B, 2609244, 2543428A
 Servicing: Ford, Mazda, Volvo
 Grooves 6, Length 170.00, Pulley SP/FW, Fan IF
 A: 42.90 B: 21.00 C: 46.50 mm



114757 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: TG12C110, TG12C015, 2542770B, 2542770
 Servicing: Ford
 Grooves 6, Length 174.00, Pulley SP/FW, Fan IF
 Alternative no.: 116350
 A: 40.00 B: 55.50 C: 74.00 mm



114769 Alternator 14 V, 110 Amp
 Replacing: TG11C015, 2542731
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP, Fan IF
 A: 30.00 B: 14.00 C: 61.00 mm



114780 Alternator 14 V, 140 Amp
 Manufacturer: Bosch
 Replacing: TG14C042, TG14C022, 2543400A, 2543400
 Servicing: Audi
 Grooves 6, Length 183.00, Pulley SP, Fan IF
 Alternative no.: 116354
 A: 30.00 B: 14.40 C: 61.40 mm



114781 Alternator 14 V, 110 Amp
 Replacing: SG11B010, 2542749C, 2542749B, 2542749A, 2542749
 Servicing: BMW
 Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 A: 30.50 B: 63.00 C: 41.00 mm



114805 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: TG15C176, TG15C174, 2610695A
 Servicing: Ford
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 Alternative no.: 116296
 A: 42.50 B: 21.00 C: 45.00 mm



114811 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: TG12C120, TG12C061, TG12C059, 2612380B, 2605290, 2605106A, 2605106
 Servicing: Citroen, Mini, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 116311
 A: 26.00 B: 80.50 C: 47.50 mm



114827 Alternator 14 V, 120 Amp
 Replacing: TG11C076, 2655544
 Servicing: Hyundai, Kia
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 20.00 C: 55.50 mm



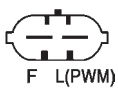
114831 Alternator 14 V, 180 Amp
 Replacing: TG17C054, TG17C024, 2543374, 2542827
 Servicing: Audi, Seat, VW
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



114832 Alternator 14 V, 180 Amp
 Replacing: TG17C026, 2542845A, 2542845
 Servicing: Beijing Benz (BBDC), Chrysler
 Grooves 7, Length 200.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



114835 Alternator 14 V, 180 Amp
 Replacing: TG17C032, 2543290B, 2543290
 Servicing: Mercedes-Benz
 Grooves 8, Length 199.00, Pulley SP/FW, Fan IF
 A: 30.00 B: 70.00 C: 56.00 mm



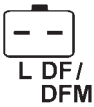
114847 Alternator 14 V, 140 Amp
 Replacing: TG12C173, TG12C052, 2650799A, 2620359A
 Servicing: Opel, Saab, Vauxhall
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 A: 113.00 B: 61.00 mm



114848 Alternator 14 V, 90 Amp
 Replacing: TG9B068, TG9B049, 2607214, 2543576A, 2543576
 Servicing: Citroen, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.50 C: 46.00 mm



114857 Alternator 14 V, 90 Amp
 Replacing: A0002655635, 2655635
 Servicing: Hyundai, Kia
 Grooves 4, Length 178.00, Pulley SP, Fan IF
 A: 35.00 B: 13.00 C: 55.50 mm



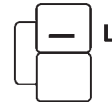
114859 Alternator 14 V, 180 Amp
 Replacing: FG18S048, FG18S017, 2607732, 2543457A, 2543457
 Servicing: Citroen, Fiat, Lancia, Peugeot
 Grooves 6, Length 181.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 45.00 mm



114866 Alternator 14 V, 120 Amp
 Replacing: TG12C038, 2543427A, 2543427
 Servicing: Ford, Mazda
 Grooves 6, Length 186.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 21.00 C: 45.70 mm



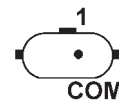
114876 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: FGN18S012, FG18S098, FG18S012, 2543406A, 2543406
 Servicing: Mercedes-Benz
 Grooves 6, Length 186.00, Pulley SP/FW, Fan IF
 Alternative no.: 116309
 A: 31.50 B: 70.00 mm



114877 Alternator 14 V, 80 Amp
 Replacing: TG8C011, 2542694B, 2542694A, 2542694
 Servicing: Nissan
 Grooves 4, Length 180.00, Pulley SP, Fan IF
 A: 45.50 B: 13.00 C: 68.00 mm



114879 Alternator 14 V, 90 Amp
 Replacing: TG9B053, TG9B047, 2605647D, 2605647, 2543530
 Servicing: Dacia, Renault
 Grooves 6, Length 190.00, Pulley SP, Fan IF
 A: 39.00 B: 14.50 C: 61.00 mm



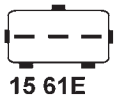
114882 Alternator 14 V, 110 Amp
 Replacing: TG11C069, TG11C066, TG11C041, 2605275, 2543564, 2543206D, 2543206C, 2543206
 Servicing: Renault
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 A: 38.50 B: 14.00 C: 61.50 mm



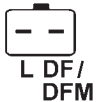
114883 Alternator 14 V, 120 Amp
 Replacing: TG12C087, TG12C037, 2606952B, 2606925B, 2543426A, 2543426
 Servicing: Ford
 Grooves 6, Length 177.30, Pulley SP, Fan IF
 A: 10.50 B: 72.40 C: 52.60 mm



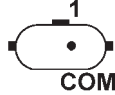
114884 Alternator 14 V, 140 Amp
 Replacing: TG14C027, TG14C012, 2607765A
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 A: 29.00 C: 62.50 mm



115307 Alternator 14 V, 120 Amp
 Replacing: SG12B039, 2542432B, 2542432
 Servicing: BMW
 Grooves 6, Pulley SP, Fan IF
 A: 69.00 B: 28.00 C: 75.50 mm



115310 Alternator 14 V, 110 Amp
 Replacing: TG11C061, TG11C049, TG11C022, TG11C010, 2543552A, 2543552, 2543342A, 2543342, 2542818D, 2542818
 Servicing: Renault
 Grooves 7, Length 184.00, Pulley SP, Fan IF
 A: 32.50 B: 13.80 C: 60.50 mm



115356 Alternator 14 V, 150 Amp
 Replacing: TG15C142, FG15T030, 2606523B
 Servicing: Dacia, Opel, Renault, Vauxhall
 Grooves 7, Length 192.00, Pulley SP/FW, Fan IF
 A: 33.00 B: 14.00 C: 60.80 mm



115364 Alternator 14 V, 150 Amp
 Replacing: TG15S218, TG15S205, TG15C211, TG15C189, TG15C135, FG15C189, 2624310A, 2621087A, 2614016A, 2605547
 Servicing: Citroen, DS, Fiat, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF



115366 Alternator 14 V, 80 Amp
 Replacing: 2655866
 Servicing: Chevrolet, Daewoo
 Grooves 4, Pulley SP, Fan IF
 A: 40.00 B: 15.00 C: 64.50 mm



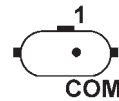
115369 Alternator 14 V, 150 Amp
 Replacing: TG15C154, TG15C134, TG15C112, SG15S025, 2607216A, 2607216, 2605546A, 2605546, 2543476A, 2543476
 Servicing: Citroen, Mitsubishi, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 A: 42.10 B: 21.00 C: 45.50 mm



115370 Alternator 14 V, 110 Amp
 Replacing: TG11C017, 2542730
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.50 C: 62.00 mm



115384 Alternator 14 V, 120 Amp
 Replacing: TG12S220, TG12S101, 2623615A, 2608893A, 2608893
 Servicing: Citroen, Fiat, Peugeot
 Grooves 6, Length 194.00, Pulley SP/FW, Fan IF
 A: 41.00 B: 64.00 C: 55.00 mm



115411 Alternator 14 V, 110 Amp
 Replacing: TG11C060, TG11C055, 2543551, 2543439B, 2543439, 2543208
 Servicing: Renault
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 38.50 B: 14.00 C: 61.00 mm



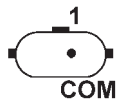
115413 Alternator 14 V, 220 Amp
 Replacing: TG23C017, 2543444A, 2543444
 Servicing: Mercedes-Benz
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 A: 31.50 B: 70.00 C: 56.25 mm



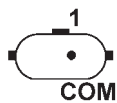
115414 Alternator 14 V, 180 Amp
 Replacing: TG17C044, TG17C023, 2542798
 Servicing: Audi
 Grooves 6, Length 198.00, Pulley SP/FW,
 Fan IF
 A: 29.50 B: 70.00 C: 56.00 mm



115418 Alternator 14 V, 90 Amp
 Replacing: SG9B121, SG9B079, SG9B068,
 2606293A, 2542955E, 2542955B, 2542955A,
 2542955
 Servicing: Mercedes-Benz
 Grooves 5, Length 180.50, Pulley SP,
 Fan IF
 A: 30.00 B: 142.00 C: 42.50 mm



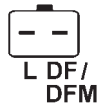
115419 Alternator 14 V, 110 Amp
 Replacing: TG11C065, TG11C040, 2543563B,
 2543563, 2543207
 Servicing: Renault
 Grooves 7, Length 183.00, Pulley SP,
 Fan IF
 A: 33.00 B: 14.00 C: 60.85 mm



115431 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: FG15T056, 2612716A
 Servicing: Mercedes-Benz, Renault
 Grooves 6, Length 195.70, Pulley SP/FW,
 Fan IF
 Alternative no.: 116355
 A: 38.75 B: 14.20 C: 60.90 mm



115437 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: FGN18S077, FG18S077, 2611843A
 Servicing: Mercedes-Benz
 Grooves 6, Length 185.00, Pulley SP,
 Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



115438 Alternator 14 V, 120 Amp
 Replacing: TG12C170, SG12S077, SG12S051,
 2542742, 2542526
 Servicing: Citroen, Peugeot
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 A: 42.50 B: 22.00 C: 45.50 mm



115459 Alternator 14 V, 120 Amp
 Replacing: TG12C145, TG12C127, TG12C122,
 TG12C079, 2606436A
 Servicing: Ford
 Grooves 6, Length 186.00, Pulley SP/FW,
 Fan IF
 A: 43.00 B: 21.00 C: 45.00 mm



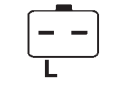
115475 Alternator 14 V, 180 Amp
 Replacing: FGN18S095, FG18T112, FG18S095,
 FG18S027, 2617908A, 2614017A, 2543611
 Servicing: Citroen, Fiat, Peugeot
 Grooves 5, Length 182.00, Pulley SP/FW,
 Fan IF
 A: 42.50 B: 21.00 C: 45.00 mm



115528 Alternator 14 V, 140 Amp
 Manufacturer: Valeo
 Replacing: TG14C028, 2608427A, 2608427
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 116345



115529 Alternator 14 V, 140 Amp
 Replacing: TG14C036, 2610086A
 Servicing: Skoda
 Grooves 6, Length 200.00, Pulley SP/FW,
 Fan IF
 A: 39.00 B: 14.00 C: 62.00 mm



115531 Alternator 14 V, 80 Amp
 Replacing: TG8S019, TG8C018, 2542927A,
 2542927, 2542926A, 2542926
 Servicing: Nissan
 Grooves 4, Length 170.00, Pulley SP,
 Fan IF
 A: 44.50 B: 13.00 C: 67.50 mm



115543 Alternator 14 V, 90 Amp
 Replacing: TG9C013, 2542736A, 2542736
 Servicing: Ford
 Grooves 6, Length 171.00, Pulley SP,
 Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm

ALTERNATORS



LIN-2



115547 Alternator 14 V, 140 Amp
 Manufacturer: Valeo
 Replacing: TG14C037
 Servicing: Audi, VW
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 28.50 B: 70.00 C: 56.00 mm



COM



115582 Alternator 14 V, 230 Amp
 Manufacturer: Valeo
 Replacing: FG23S063, FG23S022, 2605658A
 Servicing: Citroen, Peugeot
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 43.00 B: 21.00 C: 46.00 mm



FR L C



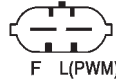
115603 Alternator 14 V, 110 Amp
 Replacing: 2607928, 2606446
 Servicing: Hyundai, Kia
 Grooves 6, Length 174.50, Pulley SP/FW, Fan IF
 A: 42.50 B: 20.00 C: 57.00 mm



L



115549 Alternator 14 V, 95 Amp
 Replacing: SG9B107, SG9B035, 2543553A, 2543553, 2542422
 Servicing: Dacia, Nissan, Renault
 Grooves 3, Pulley SP, Fan IF
 A: 53.50 B: 26.50 C: 63.00 mm



F L (PWM)



115583 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: TG12C143, TG12C036
 Servicing: Opel, Vauxhall
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 Alternative no.: 116183
 A: 112.50 B: 60.80 mm



COM



115604 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: FG15T072, FG15T044, 2610715B
 Servicing: Citroen, Peugeot
 Grooves 6, Length 181.00, Pulley SP/FW, Fan IF
 Alternative no.: 116353
 A: 26.70 B: 80.10 mm



COM



115580 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: FGN18S083, FG18S083, 2612242A
 Servicing: Mercedes-Benz
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 32.00 B: 70.00 C: 56.00 mm



FR L C



115587 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: TG12C141, TG12C140, TG12C090, 2616021B, 2616019A, 2616010, 2607316A
 Servicing: Kia
 Grooves 5, Length 175.00, Pulley SP/FW, Fan IF
 A: 32.50 B: 13.00 C: 50.50 mm



L DFM



115621 Alternator 14 V, 110 Amp
 Replacing: TG11C016
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 186.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 60.50 mm



COM



115581 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: FGN18S052, FG18S052, 2608669C
 Servicing: BMW
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 Alternative no.: 116348
 A: 57.50 B: 28.00 C: 75.50 mm



CDM



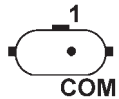
115600 Alternator 14 V, 180 Amp
 Replacing: FGN18S128, FG18S128, 2618188A
 Servicing: Mercedes-Benz
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 31.20 B: 70.00 C: 55.80 mm



115622 Alternator 14 V, 90 Amp
 Replacing: TG9S037, TG9S014, 2543483C, 2543483A, 2543483
 Servicing: Fiat
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 A: 41.00 B: 64.00 C: 55.50 mm



115631 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: TG15C190, TG15C095, 2614223A, 2543397B
 Servicing: Audi
 Grooves 6, Length 187.00, Pulley SP/FW, Fan IF
 A: 30.00 B: 14.00 C: 60.85 mm



115653 Alternator 14 V, 110 Amp
 Replacing: TG11C068, TG11C056, 2543590A, 2543590, 2543469A, 2543469
 Servicing: Renault
 Grooves 7, Length 185.00, Pulley SP, Fan IF
 A: 33.50 B: 14.00 C: 60.00 mm



115654 Alternator 14 V, 70 Amp
 Manufacturer: Valeo
 Replacing: 2613777, 2607052
 Servicing: Hyundai, Kia
 Grooves 4, Length 169.00, Pulley SP, Fan IF
 A: 38.00 B: 13.00 C: 48.00 mm



115659 Alternator 14 V, 80 Amp
 Replacing: TG7S012, 2543302A, 2543302
 Servicing: Ford
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 39.50 B: 55.00 C: 51.00 mm



115667 Alternator 14 V, 120 Amp
 Manufacturer: Valeo
 Replacing: TG12S247, TG12S221, TG12S111, 2623616A
 Servicing: Alfa Romeo, Fiat, Lancia
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 64.00 C: 55.00 mm



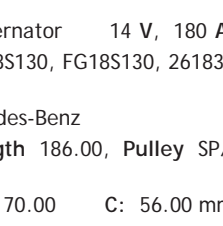
115668 Alternator 14 V, 90 Amp
 Replacing: TG9S060, 2606472A
 Servicing: Fiat
 Grooves 6, Length 176.50, Pulley SP, Fan IF
 A: 41.50 B: 64.00 C: 55.00 mm



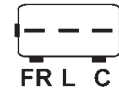
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115675 Alternator 14 V, 180 Amp
 Replacing: FG18S045, 2607244E, 2607244D, 2607244
 Servicing: BMW
 Grooves 6, Pulley SP/FW, Fan IF



115676 Alternator 14 V, 180 Amp
 Replacing: FGN18S130, FG18S130, 2618301A, 2618301
 Servicing: Mercedes-Benz
 Grooves 6, Length 186.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm



115692 Alternator 14 V, 110 Amp
 Replacing: 2616564, 2609780
 Servicing: Hyundai, Kia
 Grooves 6, Length 164.00, Pulley SP, Fan IF
 A: 34.00 B: 15.00 C: 50.00 mm



115707 Alternator 14 V, 110 Amp
 Manufacturer: Valeo
 Replacing: TG11C116, TG11C067
 Servicing: Audi, VW
 Grooves 6, Length 190.70, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.00 C: 61.00 mm



115711 Alternator 14 V, 120 Amp
 Replacing: SG10B020, SG10B016, 2542473B, 2542473, 2542411B, 2542411A, 2542411
 Servicing: Renault
 Grooves 6, Length 184.00, Pulley SP, Fan IF
 A: 20.00 B: 80.10 C: 40.00 mm



115713 Alternator 14 V, 180 Amp
 Manufacturer: Valeo
 Replacing: FG18T119, FG18T051, 2617864A, 2608426A
 Servicing: Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 116319
 A: 39.00 B: 14.00 C: 60.85 mm



115715 Alternator 14 V, 90 Amp
 Replacing: A0002607372, 2616741, 2607372
 Servicing: Dongfeng Yueda Kia, Hyundai, Kia
 Grooves 6, Length 163.00, Pulley SP, Fan IF
 A: 33.50 B: 15.00 C: 50.50 mm



115730 Alternator 14 V, 140 Amp
 Replacing: TG14C050, TG14C034, TG14C023, 2543569B, 2543569A, 2543569
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.10 C: 61.00 mm



115747* Alternator 14 V, 150 Amp
 Replacing: FG15S034, 2606259
 Servicing: Hyundai, Kia
 Grooves 6, Length 177.00, Pulley SP/FW, Fan IF
 A: 38.00 B: 20.10 C: 48.50 mm



115766 Alternator 14 V, 110 Amp
 Replacing: TG11C063, TG11C027, 2543561A, 2543561, 2542855B, 2542855
 Servicing: Dacia, Renault
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 39.00 B: 14.00 C: 60.75 mm



115767 Alternator 14 V, 140 Amp
 Replacing: TG14C039, 2611257A
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 192.00, Pulley SP/FW, Fan IF
 A: 30.50 B: 14.50 C: 61.00 mm



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115785 Alternator 14 V, 140 Amp
 Replacing: TG14C035, 2609874A, 2609874
 Grooves 6, Pulley SP/FW, Fan IF

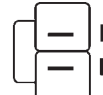


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115807 Alternator 14 V, 230 Amp
 Replacing: FG23S054, FG23S043, FG23S010, 2543518
 Servicing: Audi, BMW
 Grooves 7, Pulley SP, Fan IF



115810 Alternator 14 V, 120 Amp
 Replacing: TG12C063, 2605420A, 2605420
 Servicing: Mercedes-Benz
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.00 mm

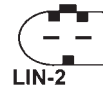


115815 Alternator 14 V, 70 Amp
 Replacing: 2655633
 Servicing: Hyundai
 Grooves 5, Length 166.50, Pulley SP, Fan IF
 A: 35.00 B: 15.00 C: 45.70 mm



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115823 Alternator 14 V, 220 Amp
 Replacing: FGN23S032, FG23S032
 Servicing: BMW
 Grooves 6, Pulley SP/FW, Fan IF



115826 Alternator 14 V, 140 Amp
 Manufacturer: Valeo
 Replacing: TG14C051, TG14C043
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
 Alternative no.: 116359
 A: 39.50 B: 14.00 C: 61.00 mm



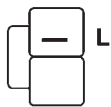
115827 Alternator 14 V, 70 Amp
 Manufacturer: Valeo
 Replacing: SG7S099, 2611776A, 2606900
 Servicing: Hyundai
 Grooves 5, Length 156.00, Pulley SP, Fan IF
 A: 35.00 B: 15.00 C: 46.50 mm



115833 Alternator 14 V, 120 Amp
 Replacing: AC730732, A13VI284, 2542475
 Servicing: Claas, Renault
 Terminal W, Grooves 8, Length 191.50, Pulley SP, Fan IF
 A: 31.00 B: 14.00 C: 82.00 mm



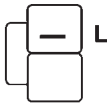
115834 Alternator 14 V, 150 Amp
 Replacing: TG15C157
 Servicing: Mini
 Grooves 5, Length 174.00, Pulley SP, Fan IF
 A: 55.50 B: 28.00 C: 75.50 mm



115853 Alternator 14 V, 110 Amp
 Replacing: TG11C024, A0002655010, 2655010
 Servicing: Hyundai
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 43.00 B: 23.00 C: 44.00 mm



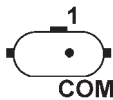
115854 Alternator 14 V, 110 Amp
 Replacing: TG11C057, 2606005A, 2606005
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 A: 30.00 B: 14.00 C: 61.00 mm



115855 Alternator 14 V, 120 Amp
 Replacing: A0002655524, 2655524
 Servicing: Hyundai, Kia
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 43.50 B: 23.00 C: 44.00 mm



115856 Alternator 14 V, 150 Amp
 Replacing: TG16C013, TG15C048, 2543264B, 2543264A, 2543264, 2542891
 Servicing: Audi
 Grooves 6, Length 185.00, Pulley SP, Fan IF
 A: 30.00 B: 14.00 C: 61.00 mm



115857 Alternator 14 V, 150 Amp
 Replacing: TG15C125, TG15C091, TG15C059, 2543597, 2543388
 Servicing: Renault
 Grooves 7, Length 185.00, Pulley SP/FW, Fan IF
 A: 33.00 B: 14.00 C: 60.50 mm



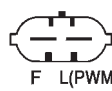
115858 Alternator 14 V, 150 Amp
 Replacing: TG16C014, TG15C042, TG15C032, 2543315D, 2543315
 Servicing: Audi
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 29.00 B: 70.00 C: 56.00 mm



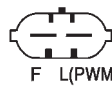
115859 Alternator 14 V, 140 Amp
 Replacing: TG14C014, 2542892B, 2542892
 Servicing: Audi
 Grooves 6, Length 196.00, Pulley SP, Fan IF
 A: 29.50 B: 14.00 C: 61.00 mm



115860 Alternator 14 V, 150 Amp
 Replacing: TG15C072, 2543309D, 2543309C, 2543309
 Servicing: BMW
 Grooves 6, Length 181.00, Pulley SP, Fan IF
 A: 61.00 B: 28.00 C: 76.00 mm



115861 Alternator 14 V, 140 Amp
 Replacing: TG12C191, TG12C054, 2650767A
 Servicing: Chevrolet, Opel, Vauxhall
 Grooves 6, Length 187.00, Pulley SP, Fan IF
 A: 64.50 B: 23.00 C: 56.50 mm



115862 Alternator 14 V, 120 Amp
 Replacing: TG12C076, 2605328A
 Servicing: Opel, Vauxhall
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 42.00 B: 95.00 C: 55.00 mm



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115903 Alternator 14 V, 120 Amp
Replacing: TG12C124, 286816, 2612718A
Servicing: Dacia, Renault
Grooves 6, Pulley SP/FW, Fan IF



115912 Alternator 14 V, 220 Amp
Replacing: TG23C019
Servicing: Mercedes-Benz
Grooves 7, Length 198.00, Pulley SP/FW, Fan IF
A: 31.00 B: 70.10 C: 56.00 mm



115913 Alternator 14 V, 150 Amp
Replacing: TG15C094
Servicing: Audi, Faw-Audi
Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
A: 29.00 B: 70.50 C: 56.50 mm



115916 Alternator 14 V, 140 Amp
Replacing: TG14C049
Servicing: Audi, Seat, Skoda, VW
Grooves 6, Length 195.00, Pulley SP/FW, Fan IF
A: 30.00 B: 13.50 C: 61.00 mm

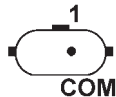


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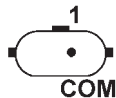
115918 Alternator 14 V, 180 Amp
Replacing: FG18T122
Servicing: VW
Grooves 6, Pulley SP/FW, Fan IF



115919 Alternator 14 V, 150 Amp
Replacing: TG16C010, 2542916
Servicing: Audi, Faw-Audi
Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
A: 29.00 B: 70.00 C: 56.00 mm



115920 Alternator 14 V, 150 Amp
Replacing: TG15C124
Servicing: Renault
Grooves 7, Length 181.00, Pulley SP, Fan IF
A: 33.00 B: 14.00 C: 61.00 mm



115921 Alternator 14 V, 120 Amp
Replacing: TG12C077, 2606154
Servicing: Dacia, Renault
Grooves 7, Length 191.00, Pulley SP/FW, Fan IF
A: 33.00 B: 14.00 C: 61.00 mm



115922 Alternator 14 V, 140 Amp
Replacing: TG14C040
Servicing: VW
Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
A: 28.50 B: 70.00 C: 56.00 mm



115923 Alternator 14 V, 180 Amp
Replacing: TG17C036
Servicing: BMW
Grooves 7, Length 185.00, Pulley SP, Fan IF
A: 57.00 B: 28.50 C: 75.50 mm



115924 Alternator 14 V, 180 Amp
Replacing: FG18S078, 2611839A
Servicing: Mercedes-Benz, Volvo
Grooves 7, Length 187.00, Pulley SP, Fan IF
A: 31.50 B: 70.00 C: 55.60 mm



115937 Alternator 14 V, 75 Amp
Manufacturer: Valeo/Mando
Replacing: AF175353
Servicing: Kia
Grooves 1, Length 214.00, Pulley P, Fan EF
A: 45.00 B: 13.00 C: 80.00 mm



115953 Alternator 14 V, 150 Amp
Replacing: TG15C144, 2606017
Servicing: Audi
Grooves 6, Pulley SP/FW, Fan IF
A: 30.00 B: 70.00 C: 56.00 mm



115959 Alternator 14 V, 120 Amp
 Replacing: TG12C107
 Servicing: Ford
 Grooves 6, Length 186.50, Pulley SP/FW, Fan IF
 A: 11.50 B: 71.50 C: 51.00 mm



115960 Alternator 14 V, 180 Amp
 Replacing: FG18S011, 2543403C, 2543403B
 Servicing: BMW
 Grooves 7, Length 188.00, Pulley SP, Fan IF
 A: 55.50 B: 27.70 C: 75.00 mm



115963 Alternator 14 V, 90 Amp
 Replacing: TG9S140, TG9S036, TG9S022, TG9S021, TG9S016, TG9S015, TG9S010, 2623613A, 2606334, 2543477A, 2543477
 Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 196.00, Pulley SP/FW, Fan IF
 Alternative no.: 113722
 A: 41.00 B: 64.20 C: 55.00 mm



115976 Alternator 14 V, 150 Amp
 Replacing: 2543413A, 2543413, 2543292, 2542685C, 2542685B, 2542685
 Servicing: BMW
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 Alternative no.: 113858
 A: 68.50 B: 28.00 C: 75.00 mm



115980 Alternator 14 V, 70 Amp
 Replacing: 2609013
 Servicing: Hyundai, Kia
 Grooves 5, Length 175.00, Pulley SP/FW, Fan IF
 A: 35.50 B: 15.00 C: 45.70 mm



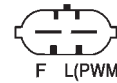
115984 Alternator 14 V, 150 Amp
 Replacing: TG15C133, FG15T036, 2608896A, 2605421A
 Servicing: Mercedes-Benz
 Grooves 6, Length 196.30, Pulley SP/FW, Fan IF
 A: 31.50 B: 70.10 C: 56.30 mm



115988 Alternator 14 V, 150 Amp
 Manufacturer: Valeo
 Replacing: TG15C182, 2612243A, 2612243
 Servicing: Mercedes-Benz
 Grooves 6, Length 184.00, Pulley SP, Fan IF
 A: 32.00 B: 70.00 C: 56.00 mm



115989 Alternator 14 V, 130 Amp
 Replacing: FG12S065, FG12S054, FG12S048, 2619574A, 2614154A
 Servicing: Opel, Vauxhall
 Grooves 5, Pulley SP/FW, Fan IF



116022 Alternator 14 V, 140 Amp
 Manufacturer: Valeo
 Replacing: TG12C193, TG12C105, 2620379A, 2620379, 2610570A
 Servicing: Chevrolet
 Grooves 6, Length 189.00, Pulley SP/FW, Fan IF
 A: 41.50 B: 95.00 C: 55.00 mm



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116036 Alternator 14 V, 140 Amp
 Replacing: TG14C057, 2617854A
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF

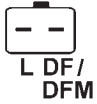


116038 Alternator 14 V, 180 Amp
 Replacing: TG17C019, 2542783D, 2542783C, 2542783
 Servicing: Dodge, VW
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 39.50 B: 14.20 C: 61.00 mm



116043 Alternator 14 V, 180 Amp
 Replacing: FG18S108, FG18S022, 2617194A, 2543538A, 2543538
 Servicing: Citroen, Fiat, Iveco, Peugeot
 Grooves 6, Length 183.00, Pulley SP/FW, Fan IF
 Alternative no.: 114082
 A: 38.00 B: 14.00 C: 81.00 mm

ALTERNATORS



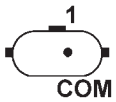
116048 Alternator 14 V, 110 Amp
 Replacing: TG11C064, TG11C062, TG11C034, TG11C011, 2543562A, 2543562, 2543560, 2542945B, 2542945, 2542664D
 Servicing: Dacia, Nissan, Renault
 Grooves 5, Length 186.00, Pulley SP/FW, Fan IF
 Alternative no.: 113940

A: 43.00 B: 14.00 C: 60.00 mm



116064 Alternator 14 V, 75 Amp
 Replacing: TG8S023, TG8S022, TG8S016, TG8S014, TG8S013, TG8S012, 2606333A, 2606333, 2543481, 2543480A, 2543480
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 Grooves 6, Length 184.00, Pulley SP/FW, Fan IF
 Alternative no.: 113720

A: 40.00 B: 64.00 C: 55.00 mm



116066 Alternator 14 V, 120 Amp
 Replacing: TG12C062, 2605419B
 Servicing: Renault
 Grooves 7, Length 184.00, Pulley SP, Fan IF
 A: 33.50 B: 13.70 C: 60.50 mm



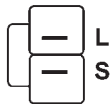
116068 Alternator 14 V, 180 Amp
 Replacing: TG17C061, TG17C041, 2543498B, 2543498A, 2543498, 2543248A, 2543248
 Servicing: Mercedes-Benz
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: 114102

A: 30.00 B: 70.00 C: 56.00 mm

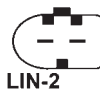


116069 Alternator 14 V, 150 Amp
 Replacing: TG15C121, TG15C057, TG15C056, TG15C034, 2543570Q, 2543570C, 2543570B, 2543570, 2543412, 2543363A
 Servicing: Mercedes-Benz
 Grooves 5, Length 183.00, Pulley SP/FW, Fan IF
 Alternative no.: 114130

A: 30.00 B: 151.00 mm



116096 Alternator 14 V, 110 Amp
 Replacing: AB111125
 Servicing: Kia
 Grooves 6, Length 169.00, Pulley SP, Fan IF
 A: 43.00 B: 19.00 C: 62.00 mm

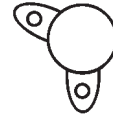


116099* Alternator 14 V, 120 Amp
 Replacing: TG12C026, 2543296B, 2543296A, 2543296
 Servicing: Mercedes-Benz
 Grooves 7, Length 240.00, Pulley SP/FW, Fan IF
 A: 32.00 B: 70.00 C: 56.00 mm



116113 Alternator 14 V, 180 Amp
 Replacing: TG17C030B, TG17C030, TG17C028, FG18S056, 2608993A, 2608993, 2543289A, 2543289, 2542989A, 2542989
 Servicing: Jeep, Mercedes-Benz
 Grooves 7, Length 187.00, Pulley SP/FW, Fan IF
 Can also be supplied w/ 1 plug (PLUG125).
 Alternative no.: 114042

A: 31.00 B: 70.00 mm



116129 Alternator 14 V, 90 Amp
 Manufacturer: Iskra/Mahle
 Replacing: A13VI99, A13VI197, A13VI175, A13VI134, 2541959, 2541919B, 2541919, 2541838A, 2541838, 2541775B
 Servicing: Daewoo, John Deere, Mercedes-Benz, Ssangyong
 Terminal W, Length 185.00, Pulley SP, Fan IF
 Alternative no.: 112529
 B: 56.00 mm



116138* Alternator 14 V, 230 Amp
 Replacing: FG23S011, 2543517C, 2543517B
 Servicing: BMW
 Grooves 7, Length 185.00, Pulley SP/FW, Fan IF
 A: 55.30 B: 28.00 C: 76.00 mm



NEW PRODUCT
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116142* Alternator 14 V, 220 Amp
 Replacing: CG20U015, 2613000A, 2613000
 Servicing: Mercedes-Benz, Toyota
 Grooves 6, Pulley SP, Fan IF



NEW PRODUCT
www.hc-cargo.com

116146* Alternator 14 V, 200 Amp
 Replacing: FG20S016, FG20S014, 2614130E, 2614130D, 2613304A, 2613304
 Servicing: Audi
 Grooves 6, Pulley SP/FW, Fan IF



LIN-2

NEW PRODUCT
www.hc-cargo.com

116147* Alternator 14 V, 180 Amp
 Replacing: FG18T094
 Servicing: VW
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 A: 29.30 B: 13.70 C: 60.80 mm



COM



116158 Alternator 14 V, 170 Amp
 Replacing: TG17C048, TG17C011, TG17C010B, TG17C010, 2543304A, 2543304, 2542613C, 2542613, 2542611B, 2542611A
 Servicing: BMW
 Grooves 6, Length 185.50, Pulley SP, Fan IF
 Alternative no.: 113896
 A: 60.50 B: 27.90 C: 75.90 mm



COM



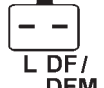
116165 Alternator 14 V, 90 Amp
 Replacing: SG9B050, SG9B040, 2542608A, 2542458A
 Servicing: BMW
 Grooves 6, Length 187.00, Pulley SP/FW, Fan IF
 A: 30.50 B: 63.00 C: 40.40 mm



L DFM



116172 Alternator 14 V, 150 Amp
 Replacing: TG15C065, TG15C017, 2542687A, 2542687
 Servicing: Audi
 Grooves 6, Length 197.00, Pulley SP/FW, Fan IF
 A: 28.50 B: 70.00 C: 56.00 mm



L DF/DFM



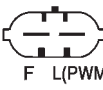
116178 Alternator 14 V, 150 Amp
 Replacing: FG15T050, 2612249B, 2612249A, 2612249
 Servicing: Dacia
 Grooves 6, Pulley SP/FW, Fan IF
 A: 38.50 B: 14.00 C: 60.00 mm



COM



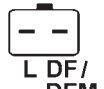
116179 Alternator 14 V, 180 Amp
 Replacing: FG18T042, 2606617A, 2606617
 Servicing: VW
 Grooves 6, Length 176.00, Pulley SP, Fan IF
 A: 30.00 B: 13.50 C: 61.00 mm



F L(PWM)



116180 Alternator 14 V, 140 Amp
 Replacing: TG12C065, 2605326A
 Servicing: Opel
 Grooves 6, Length 173.00, Pulley SP/FW, Fan IF
 A: 32.00 B: 79.00 C: 56.00 mm



L DF/DFM



116182 Alternator 14 V, 120 Amp
 Replacing: TG12C2013, TG12C199, TG12C092, 2607401C, 2607401A
 Servicing: Dacia
 Grooves 7, Pulley SP/FW, Fan IF
 A: 33.00 B: 14.00 C: 60.50 mm



F L(PWM)



116183* Alternator 14 V, 120 Amp
 Replacing: TG12C143, TG12C036
 Servicing: Opel, Vauxhall
 Grooves 6, Length 190.0090,00, Pulley SP/FW, Fan IF
 Alternative no.: 115583
 A: 112.50 B: 60.80,80 mm



COM



116184 Alternator 14 V, 150 Amp
 Replacing: TG15C123, 2543592A, 2543592
 Servicing: Renault
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 33.00 B: 14.00 C: 61.00 mm



LIN-2



116185 Alternator 14 V, 150 Amp
 Replacing: TG15C130, 2605299A, 2605299
 Servicing: Mercedes-Benz
 Grooves 6, Length 190.00, Pulley SP/FW, Fan IF
 A: 31.00 B: 70.00 C: 56.30 mm



COM



116186 Alternator 14 V, 180 Amp
 Replacing: TG17C039, 2543242
 Servicing: Audi
 Grooves 7, Pulley SP/FW, Fan IF
 A: 30.20 B: 14.20 C: 60.50 mm



NEW PRODUCT
www.hc-cargo.com

116187 Alternator 14 V, 230 Amp
Replacing: TG23C011, 2543218C, 2543218
Servicing: BMW
Grooves 7, Length 185.00, Pulley SP, Fan IF
A: 56.60 B: 28.20 C: 75.40 mm



NEW PRODUCT
www.hc-cargo.com

116188 Alternator 14 V, 220 Amp
Replacing: TG23C012, 2543223
Servicing: BMW
Grooves 6, Length 180.00, Pulley SP, Fan IF
A: 56.50 B: 28.00 C: 75.00 mm



116189 Alternator 14 V, 230 Amp
Replacing: TG23C033, TG23C018, 2610240A, 2610240, 2543436C, 2543436B, 2543436
Servicing: BMW
Grooves 8, Length 191.00, Pulley SP, Fan IF
A: 29.40 B: 63.00 C: 40.70 mm



116191* Alternator 14 V, 130 Amp
Replacing: A0002621365, A0002611067, A0002609674, 2621365, 2611067, 2609674
Servicing: Hyundai, Kia
Grooves 5, Length 175.60, Pulley SP/FW, Fan IF
A: 33.40 B: 50.30 C: 50.30 mm



116192 Alternator 14 V, 90 Amp
Manufacturer: Valeo/Mando
Replacing: A0002610164, 2617585, 2610164
Servicing: Hyundai, Kia
Grooves 6, Length 175.00, Pulley SP, Fan IF
A: 33.00 B: 15.00 C: 50.50 mm

NEW PRODUCT
www.hc-cargo.com

116193* Alternator 12 V, 140 Amp
Replacing: TG14C103, TG14C094, TG14C071, 2715992A, 2622499A
Servicing: Seat, Skoda, VW
Grooves 6, Pulley SP/FW, Fan IF

NEW PRODUCT
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116195* Alternator 14 V, 180 Amp
Replacing: FG18T124, FG18T123, FG18T103, 2620000B, 2617865B
Servicing: Seat, Skoda, VW
Grooves 6, Pulley SP/FW, Fan IF



116196 Alternator 14 V, 70 Amp
Manufacturer: Valeo/Mando
Replacing: A0002619096, 2619096, 2618819
Servicing: Hyundai, Kia
Grooves 6, Length 167.00, Pulley SP/FW, Fan IF
A: 20.00 B: 15.00 C: 42.00 mm

NEW PRODUCT
www.hc-cargo.com

116207* Alternator 14 V, 110 Amp
Replacing: TG11C086, A608430A, 2608430A
Servicing: Audi, Seat, Skoda, VW
Grooves 6, Pulley SP/FW, Fan IF

NEW PRODUCT
www.hc-cargo.com

116208* Alternator 12 V, 150 Amp
Replacing: TG9B052, TG9B046, 2605646B, 2605646, 2543531
Grooves 6, Pulley SP/FW, Fan IF

NEW PRODUCT
www.hc-cargo.com

116209* Alternator 12 V, 150 Amp
Replacing: FGN18D057, FG18D057, 2609201C
Grooves 6, Pulley SP/FW, Fan IF



116214 Alternator 14 V, 90 Amp
Manufacturer: Valeo
Replacing: A0002622650, A0002614287, 2622650, 2614287
Servicing: Hyundai, Kia
Grooves 5, Pulley SP, Fan IF

NEW PRODUCT
www.hc-cargo.com

116215* Alternator 14 V, 130 Amp
Replacing: A0002610011, 2610011
Servicing: Hyundai
Grooves 7, Pulley SP/FW, Fan IF

NEW PRODUCT
www.hc-cargo.com

116225* Alternator 12 V, 150 Amp
 Replacing: FG15T071, 2616927A
 Servicing: Fiat, Nissan, Opel, Renault, Vauxhall
 Grooves 7, Pulley SP/FW, Fan IF



116226 Alternator 14 V, 110 Amp
 Manufacturer: Valeo/Mando
 Replacing: A0002616559, A0002610128, 2616559, 2610128
 Servicing: Dongfeng Yueda Kia, Hyundai, Kia
 Grooves 6, Length 185.00, Pulley SP/FW, Fan IF
 A: 33.50 B: 15.00 C: 50.00 mm

NEW PRODUCT
www.hc-cargo.com

116240* Alternator 12 V, 125 Amp
 Replacing: TG12S272, TG12C166, TG12C125, 2612719A
 Servicing: Dacia, Renault, Smart (MCC)
 Grooves 7, Pulley SP/FW, Fan IF



116295 Alternator 14 V, 180 Amp
 Replacing: TG17C015, 2542720J, 2542720D, 2542720
 Servicing: BMW
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 Alternative no.: 114524
 A: 29.50 B: 62.50 C: 41.50 mm



NEW PRODUCT
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116297* Alternator 14 V, 150 Amp
 Replacing: FG15T057, 2612717A
 Servicing: Renault
 Grooves 6, Pulley SP/FW, Fan IF

NEW PRODUCT
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116304* Alternator 14 V, 180 Amp
 Replacing: FG18S047, 2607384A, 2607384
 Grooves 6, Pulley SP/FW, Fan IF
 mm



NEW PRODUCT
www.hc-cargo.com

116309 Alternator 14 V, 180 Amp
 Replacing: FGN18S012, FG18S098, FG18S012, 2543406A, 2543406
 Servicing: Mercedes-Benz
 Grooves 6, Length 186.00, Pulley SP/FW, Fan IF
 Alternative no.: 114876
 A: 31.50 B: 70.00 mm



116311 Alternator 14 V, 120 Amp
 Replacing: TG12C120, TG12C061, TG12C059, 2612380B, 2605290, 2605106A, 2605106
 Servicing: Citroen, Mini, Peugeot
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 114811
 A: 26.00 B: 80.50 C: 47.50 mm

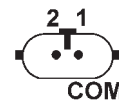


NEW PRODUCT
www.hc-cargo.com

116319 Alternator 14 V, 180 Amp
 Replacing: FG18T119, FG18T051, 2617864A, 2608426A
 Servicing: Seat, Skoda, VW
 Grooves 6, Pulley SP/FW, Fan IF
 Alternative no.: 115713
 A: 39.00 B: 14.00 C: 60.85 mm

NEW PRODUCT
www.hc-cargo.com

116322* Alternator 14 V, 120 Amp
 Replacing: SG12B062, 2542582B, 2542582A, 2542582
 Servicing: Mercedes-Benz
 Alternative no.: 113877



NEW PRODUCT
www.hc-cargo.com

116323* Alternator 14 V, 150 Amp
 Replacing: TG15C146, 2606272A, 2606272
 Servicing: Dacia, Renault
 Grooves 6, Length 197.00, Pulley SP/FW, Fan IF
 Alternative no.: 114721
 A: 38.60 B: 14.40 C: 60.50 mm



NEW PRODUCT
www.hc-cargo.com

116325* Alternator 14 V, 125 Amp
 Replacing: TG12C151, TG12C094, SG12B105, 2617345A, 2607395A, 2607395, 2543378C, 2543378, 2542946
 Servicing: Dacia, Nissan, Renault
 Grooves 8, Pulley SP/FW, Fan IF
 Alternative no.: 113862
 A: 38.50 B: 13.50 C: 60.00 mm



116330* Alternator 14 V, 75 Amp
 Replacing: TG8S021, TG8S010, 2543484A, 2543484, 2542671B, 2542671A, 2542671
 Servicing: Fiat, Lancia
 Grooves 6, Length 175.00, Pulley SP, Fan IF
 Alternative no.: 113721
 A: 40.50 B: 63.90 C: 55.00 mm



116337 Alternator 14 V, 120 Amp
 Replacing: SG12B075, SG12B047, 2542738B, 2542738, 2542509C, 2542509
 Servicing: Audi, Seat
 Grooves 6, Length 200.00, Pulley SP/FW, Fan IF
 Alternative no.: 113878
 A: 29.00 B: 70.00 C: 55.80 mm

NEW PRODUCT
www.hc-cargo.com

116345* Alternator 14 V, 140 Amp
 Replacing: TG14C028, 2608427A, 2608427
 Servicing: Audi, Seat, Skoda, VW
 Alternative no.: 115528

NEW PRODUCT
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116348* Alternator 14 V, 180 Amp
 Replacing: FGN18S052, FG18S052, 2608669C
 Servicing: BMW
 Alternative no.: 115581

NEW PRODUCT
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116353* Alternator 14 V, 150 Amp
 Replacing: FG15T072, FG15T044, 2610715B
 Servicing: Citroen, Peugeot
 Alternative no.: 115604



116354* Alternator 14 V, 140 Amp
 Replacing: TG14C042, TG14C022, 2543400A, 2543400
 Servicing: Audi
 Grooves 6, Length 180.00, Pulley SP, Fan IF
 Alternative no.: 114780
 A: 30.30 B: 14.50 C: 62.10 mm

NEW PRODUCT
www.hc-cargo.com

116355* Alternator 14 V, 150 Amp
 Replacing: FG15T056, 2612716A
 Servicing: Dacia, Mercedes-Benz, Renault
 Alternative no.: 115431



NEW PRODUCT
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116359* Alternator 14 V, 140 Amp
 Replacing: TG14C051, TG14C043
 Servicing: Audi, Seat, Skoda, VW
 Grooves 6, Length 191.00, Pulley SP/FW, Fan IF
 Alternative no.: 115826
 A: 39.00 B: 14.00 C: 61.00 mm

NEW PRODUCT
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116360* Alternator 14 V, 60 Amp
 Replacing: A13N271
 Servicing: KHD
 Fan w/o
 Alternative no.: 112548

NEW PRODUCT
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116363* Alternator 14 V, 120 Amp
 Replacing: TG12S275, TG12C241, 2627732A
 Servicing: Dacia, Renault
 Grooves 6

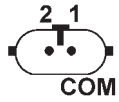


NEW PRODUCT
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116364* Alternator 14 V, 150 Amp
 Replacing: TG15C175, TG15C173, 2610812A, 2610692B
 Servicing: Ford
 Grooves 6, Length 193.00, Pulley SP/FW, Fan IF
 A: 42.50 B: 21.00 C: 48.50 mm

NEW PRODUCT
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116365* Alternator 14 V, 200 Amp
 Replacing: CG20U029
 Servicing: Mercedes-Benz
 Grooves 6



NEW PRODUCT
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116368* Alternator 14 V, 90 Amp
 Replacing: TG9B042, TG9B041, 2543509C,
 2543509B, 2543509A, 2543509, 2543486
 Servicing: Renault
 Grooves 7, Length 182.00, Pulley SP,
 Fan IF
 A: 32.00 B: 14.25 C: 61.00 mm

NEW PRODUCT
www.hc-cargo.com

116386* Alternator
 Replacing: TG14C104, TG14C041
 Servicing: Seat, VW

NEW PRODUCT
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116393* Alternator
 Replacing: FG15T074, FG15T052, 2612685B

NEW PRODUCT
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116403* Alternator
 Replacing: 2622503
 Servicing: Hyundai, Kia

NEW PRODUCT
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116406* Alternator
 Replacing: TG9S100



113708 Alternator 14 V, 115 Amp
 Replacing: 20-150-01004
 Servicing: Ford
 Grooves 6, Length 166.00, Pulley SP/FW,
 Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm



113709 Alternator 14 V, 115 Amp
 Replacing: 20-150-01006, 20-150-01005
 Servicing: Ford, Jaguar
 Grooves 6, Pulley SP, Fan IF
 A: 41.00 B: 55.00 C: 74.00 mm



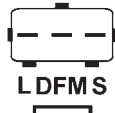
113710 Alternator 14 V, 125 Amp
 Replacing: 20-150-01010, 20-150-01009
 Servicing: Ford
 Pulley w/o, Fan IF
 Alternative no.: 116124
 B: 14.00 C: 69.00 mm



113883 Alternator 14 V, 90 Amp
 Replacing: 20-150-01001
 Servicing: Ford
 Grooves 6, Length 165.50, Pulley SP,
 Fan IF
 A: 39.58 B: 54.87 C: 74.00 mm



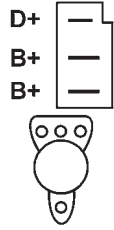
113912 Alternator 14 V, 80 Amp
 Manufacturer: Visteon
 Replacing: 20-150-01002
 Servicing: Ford, Ford USA, Mazda
 Grooves 6, Length 151.00, Pulley SP/FW,
 Fan IF
 Alternative no.: 116362
 A: 42.50 B: 21.00 C: 45.00 mm



113913 Alternator 14 V, 110 Amp
 Replacing: 20-150-01007
 Servicing: Ford
 Grooves 7, Length 196.40, Pulley SP/FW,
 Fan IF
 A: 40.00 B: 55.00 C: 74.00 mm



116362* Alternator 14 V, 80 Amp
 Replacing: 20-150-01002
 Servicing: Ford, Ford USA, Mazda
 Grooves 6, Length 159.25, Pulley SP/FW,
 Fan IF
 Alternative no.: 113912
 A: 42.50 B: 21.50 C: 45.80 mm


110497 Alternator 14 V, 70 Amp

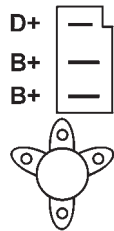
Replacing: 9120690170, CA14571R, NAB900, 66921126, 66021155, 66021070,

Servicing: Austin-Healey, Various Agriculture Vehicles

Terminal W, Grooves 1, Length 166.00, Pulley P, Fan EF

w/ mounting bearing bracket for left and right engine side.

A: 42.50 B: 10.50 C: 84.00 mm


110577 Alternator 28 V, 55 Amp

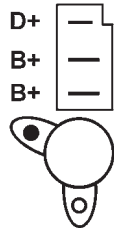
Replacing: NAB903

Servicing: Various

Terminal W, Grooves 2, Length 183.00, Pulley DP, Fan EF

w/ mounting bearing bracket for left and right engine side.

A: 115.20 B: 80.10 mm

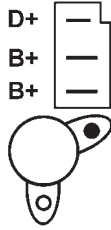

110968 Alternator 14 V, 70 Amp

Replacing: 858787, ALT2N-14, ALT12N-2, ALT12N-13, ALF12-18, CA1459IR, AAK1333, AAK1133, 11.201.470, NAB300, 66021113, 60921030, 60921029, 60210167, 60210165, 60210164, 60210163, 60210158, 60021066, AH2040C4, 9AR5060, 9AR2960F, 9AR2841, 9AR2705G, 9AR2705, 9AR2699G, 9AR2683G, 9AR2683, 9AR2654G, 9AR2650D, 66021636, 9AR2699,

Servicing: Austin, Case, Dronningborg, Mercedes-Benz, MG, Nissan, Rover, Valtra
Grooves 1, Length 167.00, Pulley P, Fan EF

Pulley distance is ok from 34.00 to 43.00 mm.

A: 34.00 B: 11.00 C: 82.00 mm

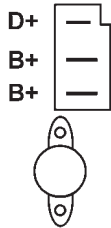

110969 Alternator 14 V, 65 Amp

Replacing: ALP12N-1, NAB301, 60921031, 60921028, 60210160, 60210159, 60021065, 60021061, 60021041, 60021015, 60021012, 9AR2913, 9AR2878, 9AR2803F, 9AR2706G, 9AR2706, 9AR2704F, 9AR2684P, 9AR2655G, 9AR2653F, 9AR2653

Servicing: Land Rover, Various Agriculture Vehicles

Grooves 1, Length 167.50, Pulley P, Fan EF

A: 38.00 B: 11.00 C: 82.00 mm

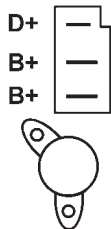

110970 Alternator 14 V, 65 Amp

Replacing: AAG1310, 11.201.095, NAB302, 9AR2549F, 9AR2549, 9AR2548K, 9AR2548, 9AR2547F, 9AR2547, 510-56, 510-39, 510-38

Servicing: Massey Ferguson

Terminal W, Grooves 1, Pulley P, Fan EF

A: 58.00 B: 27.10 mm


110972 Alternator 14 V, 65 Amp

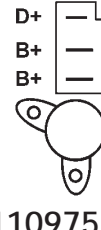
Manufacturer: Prestolite

Replacing: 0120489124, 0120489123, 0120489121, NAB304, 66021101, 60021056, 60021055, 60021054, NAB304, 66021101, 60021056, 60021055, 60021054

Servicing: Opel, Various Agriculture Vehicles, Vauxhall

Grooves 1, Length 167.50, Pulley P, Fan EF

A: 87.90 B: 56.00 mm

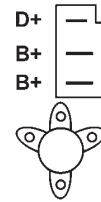

110975 Alternator 14 V, 65 Amp

Replacing: 0120489999, 0120489975, 0120489789, 0120489569, 0120489551, 0120489058, 0120400670, 0120300584, NAB307, 60021068, 60021067, 60021063, 60021026, 54021649, 9AR2529F, 9AR2529, 510-146, 510-123, 2541263, 9FB2LD2A05

Servicing: Audi, Various Agriculture Vehicles, VW

Terminal W, Grooves 1, Length 167.00, Pulley P, Fan EF

A: 82.85 B: 56.25 mm


110976 Alternator 14 V, 65 Amp

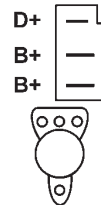
Replacing: NAB904, NAB902

Servicing: Various

Terminal W, Grooves 1, Length 168.00, Pulley P, Fan EF

w/ mounting bearing bracket for left and right engine side. Universal Alternator. Not Insulated return.

B: 56.00 mm

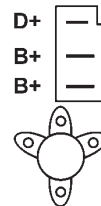

110977 Alternator 28 V, 35 Amp

Replacing: NAB901, NAB501

Servicing: Universal

Terminal W, Grooves 1, Length 165.50, Pulley P, Fan EF

A: 41.80 B: 11.00 C: 84.00 mm

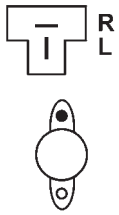

111204 Alternator 14 V, 70 Amp

Replacing: NAB905, 24166A, 24166, 24017A, 24017, 24016A, 24016, 24014A, 24014, 23999B, 23999A, 23999, 23991A

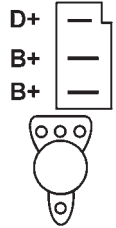
Servicing: Case, Jaguar, TVR

Grooves 1, Length 166.00, Pulley P, Fan EF w/ mounting bearing bracket for left and right engine side.

A: 54.15 B: 27.00 mm



111832 Alternator 14 V, 40 Amp
 Replacing: STM1243
 Servicing: Mitsubishi
 Terminal W, Grooves 1, Length 154.50,
 Pulley P, Fan IF
 A: 42.00 B: 16.75 C: 41.00 mm



112237 Alternator 14 V, 70 Amp
 Replacing: CA1550IR, NAB900M
 Servicing: Various
 Terminal W, Grooves 1, Length 175.00,
 Pulley P, Fan EF, Insulated return
 Pulley distance is ok from 34.00 to 43.00 mm.
 A: 34.00 B: 10.90 C: 84.00 mm



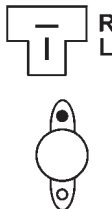
113152 Alternator 14 V, 90 Amp
 Replacing: NAB9000M
 Servicing: Various
 Terminal W, Grooves 1, Length 181.00,
 Pulley P, Fan EF, Insulated return
 For right and left mounting.
 A: 44.50 B: 13.50 C: 82.20 mm



113650 Alternator 28 V, 80 Amp
 Replacing: 160-68223
 Servicing: Various Industrial applications,
 Volvo
 Terminal W, Length 178.00, Pulley w/o,
 Fan EF
 B: 13.80 C: 90.90 mm



113743 Alternator 14 V, 20 Amp
 Replacing: GP9906
 Servicing: Various Industrial applications
 Grooves 1, Pulley P
 A: 44.00 B: 15.00 mm



113793 Alternator 14 V, 55 Amp
 Replacing: JA986IR, LR155-29, LR155-20B,
 LR155-20
 Servicing: Yanmar
 Grooves 1, Length 184.00, Pulley P,
 Fan EF, Insulated return
 A: 42.00 B: 13.00 C: 80.00 mm



114235 Alternator 14 V, 120 Amp
 Replacing: 96866020, 96866020, 96673046,
 96673046, 4811552, 4808607
 Servicing: Chevrolet, Daewoo, Holden, Opel,
 Shanghai GM, Vauxhall
 Grooves 6, Length 175.00, Pulley SP,
 Fan IF
 A: 31.00 B: 24.00 mm



114412 Alternator 14 V, 85 Amp
 Replacing: 96954113, 96838439, 96540542,
 96540542
 Servicing: Chevrolet, Daewoo
 Grooves 6, Length 180.00, Pulley SP,
 Fan IF
 A: 36.00 B: 12.30 C: 81.00 mm



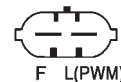
114471 Alternator 28 V, 80 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAN5513, 1181651, 11.204.160,
 01181651
 Servicing: KHD
 Terminal W, Length 192.00, Pulley w/o,
 Fan IF, Insulated return
 Dust proof.
 B: 56.00 mm



114516 Alternator 14 V, 14 Amp
 Replacing: EG673-64010, 6C040-59252, 15531-
 64017, 15531-64016, 15531-64013, 05740466
 Servicing: Kubota
 Grooves 1, Length 79.00, Pulley SP,
 Fan w/o
 A: 64.00 B: 16.00 mm



114657 Alternator 14 V, 14 Amp
 Replacing: 6A830-59250
 Servicing: Kubota, Various Industrial
 applications
 Grooves 1, Pulley P, Fan w/o
 A: 62.00 B: 16.00 mm



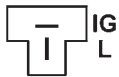
114726 Alternator 14 V, 100 Amp
 Replacing: 13579662, 13500186, 1202261,
 1202117
 Servicing: Opel, Vauxhall
 Grooves 6, Length 187.00, Pulley SP/FW,
 Fan IF
 A: 35.00 B: 13.00 C: 66.00 mm



114783 Alternator 14 V, 95 Amp
 Replacing: AAK4849, aak4378, AAK3817, 1183624, 1183439, 1182968, 11.204.463, 11.204.049, 11.203.524, 08821776, 01183624, 01183624
 Servicing: KHD, Linde
 Pulley w/o, Fan EF
 B: 56.00 mm



114864 Alternator 28 V, 100 Amp
 Replacing: OR9938, 8600479, 8600050, 266-7226, 19011195, 19011189, 167-7812, 10459353
 Servicing: John Deere
 Pulley w/o, Fan EF, Insulated return
 B: 14.20 C: 102.00 mm



115320 Alternator 14 V, 45 Amp
 Replacing: 129961-77200, 101211-2590
 Servicing: John Deere
 Grooves 1, Length 141.00, Pulley P, Fan IF
 A: 43.00 B: 20.75 mm



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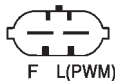
115353 Alternator 14 V, 80 Amp
 Replacing: 96945926, 96936136, 96843503
 Servicing: Chevrolet
 Grooves 4, Pulley SP, Fan IF



115381 alternator 28 V, 80 Amp
 Manufacturer: Mahle Letrika
 Replacing: AAN8152, AAN5167, 8036232, 11.204.240, 11.203.250, 08036231
 Servicing: KHD, Various Industrial applications
 Terminal W, Length 189.00, Pulley w/o, Fan IF, Insulated return
 B: 56.00 mm



115463 Alternator 14 V, 20 Amp
 Replacing: SE501843, SE501822, MIA10338, GP9165, CH15587, AM879144, AM877557, 129150-77203, 129150-77202, 129150-77201
 Servicing: John Deere
 Grooves 1, Length 77.00, Pulley P
 A: 42.00 B: 14.20 mm



115526 Alternator 14 V, 100 Amp
 Replacing: 13579668, 13502583, 1204643, 1202236
 Servicing: Opel, Vauxhall
 Grooves 6, Length 196.00, Pulley SP/FW, Fan IF
 A: 57.00 B: 18.00 mm



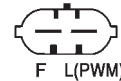
115530 Alternator 14 V, 130 Amp
 Replacing: 89705428
 Servicing: Case, New Holland
 Length 240.00, Pulley w/o, Fan EF
 B: 14.00 C: 101.00 mm



115605 Alternator 14 V, 120 Amp
 Replacing: SE502628, SE501343, RE533654, AT117390, AH165975, AAK4835, AAK1816, 11.204.413, 11.203.661, 0120484027
 Servicing: John Deere
 Terminal W, Grooves 8, Pulley SP, Fan EF
 A: 78.00 B: 51.00 mm



115691 Alternator 14 V, 20 Amp
 Replacing: gp9905, gp9901, 8970489702, 8970489701, 8970489700
 Servicing: Isuzu
 Grooves 1, Length 97.00, Pulley P, Fan EF
 A: 44.00 B: 15.00 mm



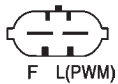
115761 Alternator 14 V, 140 Amp
 Replacing: 4819446, 13580078, 13579114
 Servicing: Chevrolet, Opel, Vauxhall
 Grooves 6, Length 188.00, Pulley SP/FW, Fan IF
 A: 61.00 B: 24.60 C: 59.50 mm



115803 Alternator 14 V, 55 Amp
 Replacing: CGM25, 101211-8740
 Servicing: Honda
 Grooves 4, Length 146.00, Pulley SP, Fan IF
 A: 76.50 B: 46.00 mm



115851 Alternator 28 V, 60 Amp
 Replacing: AAK5852, AAK5365, 836666722, 835339422, 11.204.584, 11.203.100
 Servicing: AGCO POWER (SISU DIESEL)
 Terminal W, Length 190.00, Pulley w/o, Fan IF, Insulated return
 B: 56.00 mm



115911 Alternator 14 V, 140 Amp
 Replacing: 13579676, 13502580, 13502580
 Servicing: Chevrolet
 Grooves 6, Pulley SP/FW, Fan IF
 A: 58.80 B: 32.00 C: 57.80 mm



115969 Alternator 28 V, 45 Amp
 Manufacturer: Daewoo
 Replacing: 65.26101-7173, 300901-0009
 Servicing: Doosan
 Terminal W, Grooves 2, Length 185.50, Pulley DP, Fan EF
 A: 45.00 B: 14.00 C: 98.50 mm



116008 Alternator 14 V, 100 Amp
 Replacing: 13502592, 1204648
 Servicing: Opel, Vauxhall
 Grooves 6, Length 194.00, Pulley SP/FW, Fan IF
 A: 32.00 B: 79.00 C: 56.00 mm



116023 Alternator 28 V, 50 Amp
 Replacing: RE540413, RE525690, AAK4362, AAK4335, 11.203.461, 11.203.369, 01912362
 Servicing: John Deere
 Terminal W, Grooves 8, Length 188.00, Pulley SP, Fan EF, Insulated return
Dust proof.
 A: 79.00 B: 51.00 mm

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116390* Alternator
 Replacing: 13581885
 Servicing: Chevrolet



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116454* Alternator 14 V, 95 Amp
 Terminal W, Length 190.50, Pulley w/o, Fan IF
Dust proof.
 Alternative no.: 112556
 B: 56.00 mm



110482 Alternator 12 V, 22 Amp
 Manufacturer: Lucas
 Replacing: DNL12-22, 69EB10002CA, 69EB10002C1, 1516986, CG50, NDB100, 26021103, 22789A, 22789, 22785D, 22785A, 22785, 22775E, 22775A, 22775, 22767F, 22767D

Servicing: Austin, Case, Ford, Lotus, MG, Morris, Triumph, Various Agriculture Vehicles
 Length 230.00, Pulley w/o, Fan w/o



110483 Alternator 12 V, 11 Amp
 Manufacturer: Lucas
 Replacing: DNL12E-42, CG52, NDB101, 26021104, 22791A, 22791, 22788A, 22788, 22780D, 22780B, 22780A, 22780, 22733J, 22733E

Servicing: Allis Chalmers, Case, Massey Ferguson
 Length 226.00, Fan w/o



110484 Alternator 12 V, 22 Amp
 Manufacturer: Lucas
 Replacing: CG58, 22792A, 22792, 22783A, 22783, 22769D, 22769B, 22769, 22764E, 22764A, 22764, 22762E, 22762B, 22762

Servicing: Allis Chalmers, Case, Ford, Massey Ferguson
 Length 238.00, Pulley w/o, Fan w/



111225 Alternator 12 V, 30 Amp
 Replacing: 0101304014, 0101304013, 0101302118, 0101302117, 0101302116, 0101302115, 0101302112, 0101302111, CG19
 Servicing: VW
 Length 160.00, Pulley w/o, Fan w/o



111919 Alternator 12 V, 11 Amp
 Replacing: G113-01A
 Servicing: Harley Davidson
 Length 235.00, Pulley w/o, Fan w/o
 Regulator: HC-CARGO 235781.



113142 Dynastarter 12 V, 15 Amp
 Replacing: 1101998, 1101986, 1101951
 Servicing: Cub Cadet
 Length 262.00, Pulley w/o, Fan w/o
 Regulator: HC-CARGO 233623, 233624.
 Solenoid: HC-CARGO 132939. Nut: HC-CARGO 132346.



113143 Dynastarter 12 V, 25 Amp
 Replacing: 1101432
 Servicing: Case, Cub Cadet, Jacobsen, Massey Ferguson, Roper, Simplicity
 Length 265.00, Pulley w/o, Fan w/o
 Nut: HC-CARGO 132346.
 A: 102.60 mm

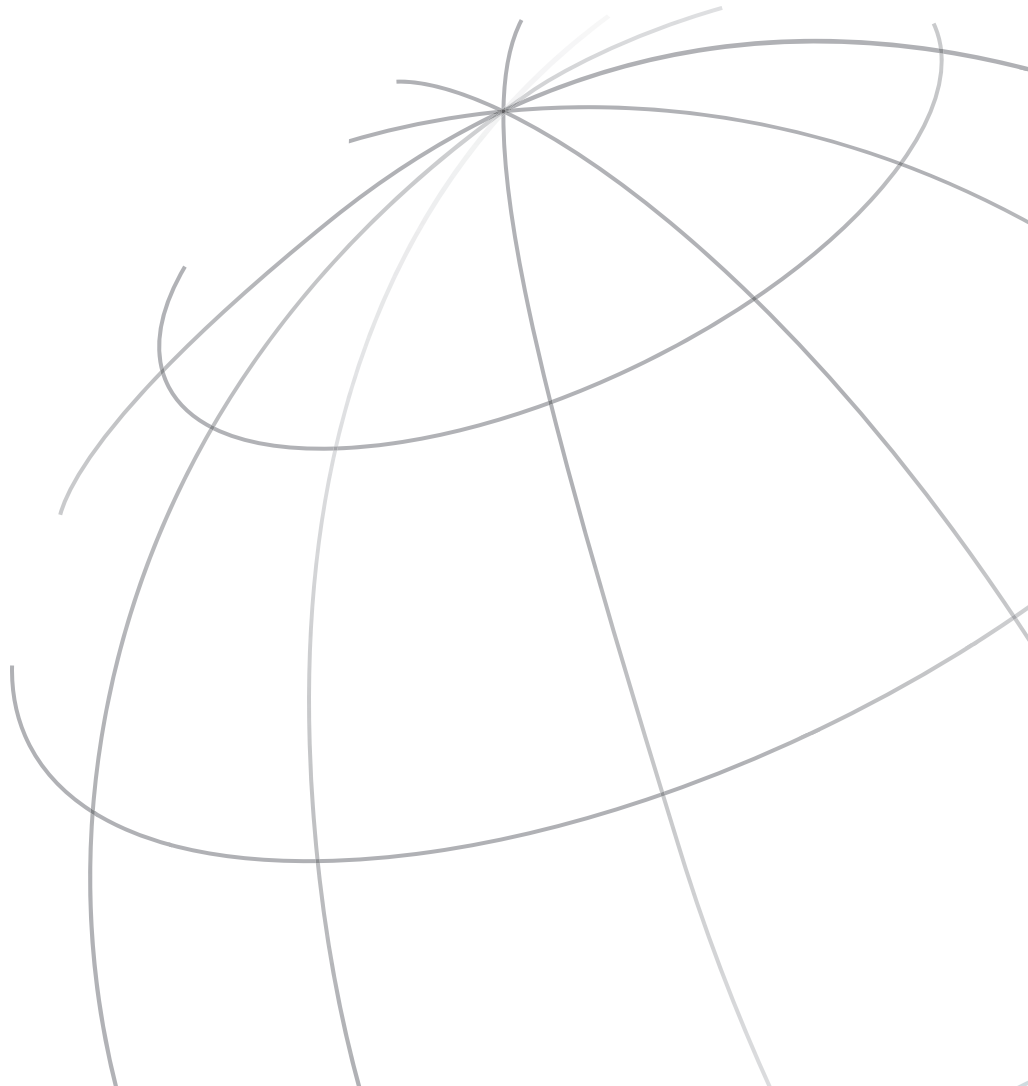
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116436 Dynamo 12 V, 11 Amp
 Manufacturer: Lucas
 Replacing: 0101209041, 0101209039, 0101209033
 Length 226.00, Fan w/o



Starters

Edition 2020/2022





110149 Starter 12 V, 0.9 kW
 Replacing: 9000692069
 Servicing: Mazda, Mercury
 B+ M8, Length 198.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: 9000084024, 9000084019,
 0001417041, 0001411012, 0001411008
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Waterproof
 A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: 0001416079, 0001416078,
 0001416023, 0001416002, 0001415027,
 0001415001, 0001410088, 0001410002
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 0001417035, 0001416070,
 0001416007, 0001416005, 0001415013,
 0001414019, 0001410046, 0001402057
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110208 Starter 24 V, 5.4 kW
 Replacing: BNG4/24CRS162, 9000084018,
 0001416076, 0001416021, 0001416009,
 0001416008, 0001415016, 0001415004
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Waterproof
 A: 89.00 B: 48.00 mm



110209 Starter 24 V, 5.4 kW
 Replacing: 9000084008, 0001416043,
 0001410067, 0001410060
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 0001417051, 0001417038, 0001417001,
 0001411009, 0001410024, 0001330065
 Servicing: Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110212 Starter 24 V, 6.6 kW
 Replacing: 0001417046, 0001417045,
 0001416048, 0001415015, 0001415014,
 0001411005, 0001410115, 0001410098
 Servicing: Iveco, Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110213 Starter 24 V, 6.6 kW
 Replacing: 0001417005, 0001411025, 0001410065
 Servicing: Fiat, Iveco
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110214 Starter 24 V, 6.6 kW
 Replacing: 0001501035, 0001501033,
 0001501029, 0001501020, 0001417043,
 0001415008, 0001410037
 Servicing: Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 37.00 mm



110279 Starter 12 V, 0.8 kW
 Replacing: 0001112018
 Servicing: Nissan
 B+ M8, Length 227.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 70.00 B: 42.00 mm



110336 Starter 12 V, 0.75 kW
 Replacing: B001111025, 0001211989,
 0001211533, 0001211513, 0001211228,
 0001211206, 0001211049, 0001208718
 Servicing: Ford, Mercury, Triumph
 B+ M8, 15a M5, Length 243.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



110347 Starter 24 V, 7.5 kW
 Replacing: 0001420011, 0001420010, 0001420008, 0001420006, 0001420002
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco
 B+ 1/2" UNC, B- 1/2" UNC, Length 522.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Insulated return
 Replacing: 50MT.
 A: 92.00 B: 47.00 mm



110352 Starter 12 V, 1.3 kW
 Replacing: 0001208218
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110363 Starter 12 V, 0.7 kW
 Replacing: R007042024, 9007042024, 9000082009, 9000042034, 9000042027, 9000042021, 0001211998, 0001211997
 Servicing: BMW, Porsche, VW
 B+ M8, Length 214.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 A: 76.00 B: 33.00 mm



110365 Starter 12 V, 0.8 kW
 Replacing: 9000334102, 9000333122, 9000330939, 9000141107, 9000141101
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel, Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: 9004475310, 9000330950, 9000330937, 9000330910, 9000330119, 9000141112, 9000141111, 9000141103
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 66.00 B: 10.50 mm



110368 Starter 12 V, 2.3 kW
 Replacing: 9000143408, 9000143406, 0001362601, 0001362600, 0001362047, 0001362030, 0001362029, 0001362002
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110394 Starter 12 V, 0.85 kW
 Replacing: 9000333121, 0001112032
 Servicing: Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 A: 65.85 B: 4.35 mm



110409 Starter 12 V, 3.0 kW
 Replacing: BNG4/12, 0001418002, 0001413003, 0001401045, 0001401044, 0001401037, 0001401036, 0001401005
 Servicing: Kaelble, Mack, Sennebogen
 B+ M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110439 Starter 12 V, 2.0 kW
 Replacing: 9000143400, 0001362008
 Servicing: Buhner, Compair, Eicher, Massey Ferguson
 B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110443 Starter 12 V, 2.1 kW
 Replacing: 0001362093, 0001362020
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110460 Starter 12 V, 2.8 kW
 Replacing: 0001367022, 0001359126
 Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson
 B+ M8, Length 307.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110461 Starter 12 V, 2.8 kW
 Replacing: 0001362307, 0001358202, 0001358201, 0001358200
 Servicing: Ford, Lancer Boss, Various Agriculture Vehicles
 B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: 9007044014, 0001362067

 Servicing: Buhner, Ford, Matbro, New Holland
 B+ M8, Length 319.45, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110465 Starter 12 V, 2.8 kW

Replacing: 0001359082

Servicing: Ford

 B+ M8, B- M8, Length 320.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


110512 Starter 24 V, 5.4 kW

 Replacing: BNG4/24CRS165, BNG4/24CRS163,
 BNG4/24CR231, BNG4/24, 0001416054,
 0001416047, 0001416024, 0001416022

 Servicing: Ahlmann, Irmer, Mercedes-Benz,
 Various Agriculture Vehicles

 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110517 Starter 24 V, 3.2 kW

 Replacing: 1986S00065, 0001363122,
 0001363111, 0001363101

Servicing: BENFRA, Fiat-Allis, Iveco

 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110518 Starter 24 V, 4.0 kW

Replacing: 0001368020, 0001360063

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110519 Starter 12 V, 3.0 kW

 Replacing: 0001367073, 0001367030,
 0001359071

Servicing: Iveco, Volvo

 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110520 Starter 24 V, 4.0 kW

 Replacing: 0001368021, 0001360027,
 0001360007, 0001359127

Servicing: Cummins, Fiat-Allis

 B+ M10, Length 343.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


110521 Starter 24 V, 4.0 kW

 Replacing: 0001368019, 0001360043,
 0001360015

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

 B+ M10, Length 343.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110522 Starter 12 V, 3.0 kW

 Replacing: 0986012720, 0001367029,
 0001359122, 0001230009

Servicing: Fiat, Fiat-Allis, Iveco, New Holland

 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


110523 Starter 24 V, 4.8 kW

 Replacing: 0001368088, 0001368007,
 0001368001, 0001360035, 0001360030,
 0001360014, 0001360012, 0001360003

 Servicing: ABG, Ahlmann, Case, Compair,
 Iveco, KHD, Payloader

 B+ M10, Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

 Replacing: F000AL0157, B001816326,
 9000143601, 9000083065, 0001368309,
 0001368307, 0001368300, 0001368062

Servicing: Mercedes-Benz

 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

 Replacing: F000AL0128, 9007044002,
 9000083054, 9000083028, 0001367303,
 0001367301, 0001367300, 0001367059

Servicing: Claas, Mercedes-Benz

 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110527 Starter 24 V, 4.0 kW
 Replacing: 0001368316, 0001368301, 0001368010, 0001360057, 0001360039, 0001360038, 0001360010
 Servicing: Scania, Steyr
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 Not Insulated return.
 A: 89.00 B: 46.50 mm



110529 Starter 12 V, 3.0 kW
 Replacing: 0001367082, 0001367028, 0001367023, 0001359102, 0001359021
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 30.00 mm



110530 Starter 12 V, 3.0 kW
 Replacing: EJD3/12BR3, 0004314011, 0001367013, 0001362035, 0001362022, 0001362009, 0001359108, 0001359004
 Servicing: Huerlimann, Lamborghini, Same
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



110531 Starter 24 V, 6.6 kW
 Replacing: 0001417036, 0001417017
 Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz
 B+ M12, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)
 A: 56.00 B: 37.00 mm



110532 Starter 24 V, 6.6 kW
 Replacing: 0001417074, 0001417073, 0001417006, 0001411026, 0001411017
 Servicing: Iveco
 B+ M10, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof
 A: 115.00 B: 21.00 mm



110533 Starter 24 V, 5.4 kW
 Replacing: 0001416003, 0001415011, 0001410062
 Servicing: Steyr
 B+ M10, B- M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



110534 Starter 24 V, 5.4 kW
 Replacing: 0001416035, 0001416030, 0001410109, 0001410099, 0001410063, 0001410053
 Servicing: Ford, Iveco, Various Agriculture Vehicles
 B+ M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 0001416036, 0001410111
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: 26025155A, 0001367004, 0001362313, 0001362311, 0001362091, 0001362034, 0001362016, 0001359078
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Magneton.
 Alternative no.: 116086 , 116139 , 116312
 A: 89.00 B: 28.00 mm



110537 Starter 12 V, 3.6 kW
 Replacing: BNG4/12CR247, BNG4/12CR215, 0001418012, 0001418001, 0001413006, 0001413002, 0001413001, 0001401066
 Servicing: Volvo BM
 B+ M10, B- M10, Length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110538 Starter 12 V, 3.6 kW
 Replacing: BNG4/12CR238, 0001418009, 0001401060, 0001401023
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Insulated return
 A: 89.00 B: 47.00 mm


110539 Starter 12 V, 3.6 kW

Replacing: 0001418014, 0001413017

 Servicing: Claas, Mercedes-Benz, New Holland
 B+ M10, B- M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


110545 Starter 12 V, 3.0 kW

 Replacing: 0001367067, 0001367032,
 0001359124, 0001359047

 Servicing: Balkancar, Chang Feng (Liebao),
 Dronningborg, Sampo-Rosenlew, Ursus,
 Valtra, Zetor

 B+ M10, Length 335.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110551 Starter 12 V, 3.0 kW

 Replacing: 0001367009, 0001359099,
 0001359053, 0001359048, 0001359001

 Servicing: Lamborghini, Same, Ursus, Zetor
 B+ M10, Length 326.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110552 Starter 12 V, 1.2 kW

Replacing: 0001108181, 0001107078

 Servicing: Ford, JCB, John Deere, Volvo Penta
 B+ M8, Length 211.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


110565 Starter 12 V, 2.8 kW

Replacing: 9004475058, 0001367040

 Servicing: Eicher, Massey Ferguson
 B+ M8, B- M8, Length 313.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm


110582 Starter 24 V, 5.4 kW

 Replacing: 0001416052, 0001416011,
 0001415017, 0001410106

Servicing: Iveco

 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


110584 Starter 12 V, 1.2 kW

 Replacing: F000AL0327, 0001112041,
 0001112029, 0001112019, 0001112007

Servicing: Citroen, Fiat, Peugeot

 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Alternative no.: 116306

B: -6.00 mm


110585 Starter 12 V, 1.2 kW

 Replacing: 9000333117, 0001208717, 0001208528,
 0001208526, 0001208517, 0001208515

Servicing: Renault, Volvo

 B+ M8, Length 214.15, Drive type Steel,
 Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm

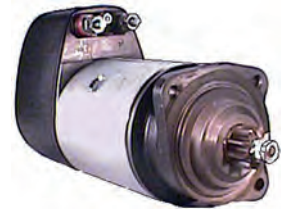

110587 Starter 12 V, 1.2 kW

Replacing: 0001208707, 0001208516

Servicing: Citroen, Peugeot

 B+ M8, Length 208.20, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)

A: 66.00 B: -5.00 mm


110601 Starter 24 V, 5.4 kW

 Replacing: BNG4/24CRS165SR,
 BNG4/24CR165SR, 0001416013, 0001415010,
 0001414017, 0001410030, 0001410029

Servicing: Mercedes-Benz, Steyr

 B+ M10, Length 386.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm


110615 Starter 12 V, 2.8 kW

Replacing: 9004475035

 Servicing: Agco Allis, Agco White, Allis Chalmers,
 Atlas Copco, JCB, Massey Ferguson, Perkins

 B+ M8, B- M8, Length 312.25,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

 HC-CARGO 115393 4.0 kW. Alternative HC-
 CARGO 113534.

A: 89.00 B: 29.50 mm


110640 Starter 12 V, 3.0 kW

Replacing: 0001367014, 0001359091

 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
 B+ M10, Length 310.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.00 mm



110772 Starter 12 V, 1.0 kW
 Replacing: 0001311045, 0001311025, 0001311016
 Servicing: BMW
 B+ M8, 15a 6.30, Length 271.25, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 27.30 mm



110814 Starter 12 V, 2.7 kW
 Replacing: 0001362062
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110839 Starter 12 V, 1.7 kW
 Replacing: B001117012, 0001317025, 0001317022, 0001317013, 0001110115, 0001110055, 0001110012
 Servicing: Opel, Vauxhall
 B+ M8, Length 269.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 82.00 B: 19.60 mm



110775 Starter 12 V, 1.8 kW
 Replacing: 0001362038, 0001362028, 0001362027, 0001362004, 0001362003
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 288.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)
 A: 83.00 B: 20.00 mm



110818 Starter 12 V, 2.1 kW
 Replacing: 0001362084, 0001362060
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110842 Starter 12 V, 1.4 kW
 Replacing: 0001108133, 0001108119, 0001108118, 0001108109, 0001108084, 0001108035
 Servicing: Ford, Merkur
 B+ M8, Length 243.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 5.35 mm



110793 Starter 12 V, 0.9 kW
 Replacing: 0001208211
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)
 A: 66.00 B: 22.00 mm



110819 Starter 12 V, 2.8 kW
 Replacing: 0001362049
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110844 Starter 12 V, 2.2 kW
 Replacing: 0001218122, 0001218011
 Servicing: Bedford, Ferrari, Goldoni, Lombardini, Opel, Valpadana, Vauxhall, VW
 B+ M8, Length 278.45, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 16.00 mm



110813 Starter 12 V, 2.7 kW
 Replacing: 0001362105, 0001362039, 0001362032, 0001223504, 0001223503
 Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco
 B+ M10, Length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110831 Starter 12 V, 0.8 kW
 Replacing: 0001211515, 0001211239, 0001211237, 0001208519, 0001208514, 0001208220
 Servicing: Ford
 B+ M8, Length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 31.00 mm



110847 Starter 12 V, 1.4 kW
 Replacing: 0001208225, 0001131112, 0001108184, 0001108171, 0001108151, 0001108079, 0001108078, 0001108047
 Servicing: Opel, Saab, Toyota, Vauxhall
 B+ M8, Length 242.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



110858 Starter 12 V, 0.7 kW
 Replacing: 9000692062, 0001211222, 0001211221
 Servicing: VW
 B+ M8, 15a 6.30, Length 224.50,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 A: 76.00 B: 44.00 mm



110862 Starter 12 V, 1.5 kW
 Replacing: 0001314036, 0001314035, 0001314027
 Servicing: Mercedes-Benz, Puch (Steyr-Daimler)
 B+ M8, 15a M5, Length 265.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 2 (2)
 A: 82.50 B: 25.40 mm



110864 Starter 12 V, 0.7 kW
 Replacing: 9000692051, 0001212207, 0001212206
 Servicing: VW
 B+ M8, 15a 6.30, Length 225.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 82.50 B: 15.00 mm



110865 Starter 12 V, 0.95 kW
 Replacing: B001180009, 9000082059,
 9000082050, 0001211505, 0001211504,
 0001208714, 0001208713, 0001208712
 Servicing: Audi, VW
 B+ M8, Length 220.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (3)
 Bushing D.E. (clutch house): HC-CARGO 140500.
 A: 82.50 B: 15.00 mm



110867 Starter 12 V, 1.7 kW
 Replacing: B001117070, 0001317023,
 0001110105, 0001110104, 0001110088,
 0001110064, 0001110043, 0001110019
 Servicing: Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 14.25 mm



110932 Starter 24 V, 5.4 kW
 Replacing: 0001416044, 0001410068, 0001410057
 Servicing: DAF
 B+ M10, B- M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 88.85 B: 47.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: 0001416065, 0001416061
 Servicing: Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110981 Starter 24 V, 5.4 kW
 Replacing: 0001416067, 0001416062
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 110.00 B: 47.50 mm



110996 Starter 12 V, 1.7 kW
 Manufacturer: Mahle Letrika
 Replacing: B001329010, 0001317021,
 0001317020, 0001317019, 0001317018,
 0001317015, 0001317014, 0001317010
 Servicing: VW
 B+ M8, Length 265.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 Alternative no.: 116349
 A: 76.00 B: 32.00 mm



110999 Starter 24 V
 Replacing: 0001420013, 0001420009,
 0001420005, 0001420004, 0001420003,
 0001420001
 Servicing: Case, Caterpillar, Fiat-Allis,
 Peterbilt Trucks, Various, Volvo
 B+ 1/2" UNC, B- 1/2" UNC,
 Length 499.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil
 sealed, Insulated return
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111000 Starter 24 V, 6.5 kW
 Replacing: 0001371018
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis
 B+ 1/2" UNC, B- 1/2" UNC,
 Length 497.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil
 sealed, Insulated return
 Replacing: 42MT. w/ rotating D.E. Bracket.
 A: 92.00 B: 46.00 mm


111001 Starter 12 V, 3.0 kW

Replacing: 0001367005, 0001362036, 0001362023, 0001359113, 0001359083, 0001359056, 0001359038, 0001358005

Servicing: Lamborghini, Same, Steyr

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm


111015 Starter 12 V, 1.1 kW

Replacing: 0001108129, 0001107085, 0001107062, 0001107033

Servicing: Lombardini, Various Agriculture Vehicles

B+ M8, Length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.20 B: 15.00 mm


111041 Starter 12 V, 2.8 kW

Replacing: 0001362302, 0001359114, 0001359058, 0001359029

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


111003 Starter 24 V, 5.4 kW

Replacing: 0001416004, 0001415007, 0001410094, 0001410052

Servicing: Hanomag, Mercedes-Benz

B+ M10, B- M10, Length 387.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof

A: 89.00 B: 47.50 mm


111025 Starter 12 V, 0.8 kW

Replacing: 0001211536

Servicing: Autobianchi, Fiat, Lancia

B+ M8, Length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)

A: 64.00 B: 11.00 mm


111046 Starter 24 V, 6.6 kW

Replacing: 0001417002

Servicing: MAN, Volvo

B+ M10, Length 404.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 48.00 mm


111004 Starter 12 V, 2.4 kW

Replacing: 0001362046, 0001358047

Servicing: Atlas Copco, KHD

B+ M10, Length 294.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 19.50 mm


111029 Starter 12 V, 1.4 kW

Replacing: 0001108162, 0001108125, 0001108112, 0001108074

Servicing: Citroen, Nissan, Peugeot, Rover

B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 62.00 B: -5.00 mm


111054 Starter 12 V, 1.1 kW

Replacing: EGD1/12AR37, 0001311114, 0001311104, 0001311103, 0001311032, 0001311027, 0001311001, 0001305016

Servicing: Volvo, Volvo Penta

B+ M8, 15a 4.80, Length 263.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

Bosch OE do not have threaded Mounting holes.

A: 82.40 B: 35.00 mm


111010 Starter 12 V, 1.4 kW

Replacing: 0001108102, 0001108101, 0001108073, 0001108072, 0001108029, 0001108028, 0001108027, 0001108026

Servicing: Audi, VW

B+ M8, 15a 6.30, Length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 20.80 mm


111030 Starter 12 V, 1.4 kW

Replacing: B001111475, 0001114021, 0001114017, 0001114008, 0001112009, 0001108155, 0001108132, 0001108110

Servicing: Ford, Volvo

B+ M8, Length 246.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 76.20 B: 14.00 mm


111059 Starter 12 V, 0.9 kW

Replacing: B001181007, B001110116, 9000692050, 9000042057, 0001211258, 0001211257, 0001208419, 0001208418

Servicing: Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


111060 Starter 12 V, 1.7 kW

Replacing: B001117071, 0001125015, 0001117008, 0001110134, 0001110133, 0001110015, 0001110014, 0001110002

Servicing: VW

B+ M8, Length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 31.80 mm


111061 Starter 12 V, 0.8 kW

Replacing: 0001211254, 0001211253, 0001211252, 0001211251

Servicing: VW

B+ M8, Length 230.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.10 B: 44.50 mm


111063 Starter 12 V, 1.2 kW

Replacing: 9000333114

Servicing: Citroen, Peugeot, Renault

B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)

A: 66.00 B: -6.00 mm


111065 Starter 12 V, 2.2 kW

Replacing: B001233261, B001233172, B001233121, 0001218765, 0001218165, 0001218108, 0001218021, 0001218006

Servicing: Daewoo, Mercedes-Benz, Ssangyong

B+ M8, Length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.30 B: 26.50 mm


111066 Starter 12 V, 1.05 kW

Replacing: 9000331702, 0001208507

Servicing: Citroen, Fiat, Peugeot, Talbot

B+ M8, Length 197.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 65.90 B: 21.00 mm


111068 Starter 12 V, 0.85 kW

Replacing: 0001208518, 0001208226

Servicing: Citroen, Peugeot, Talbot

B+ M8, Length 212.25, Drive type Steel, Gear type DD, Mount. holes 3 (3)

A: 65.85 B: 15.65 mm


111069 Starter 12 V, 1.7 kW

Replacing: 0001317017, 0001317016, 0001317012, 0001317011, 0001317006, 0001310013, 0001110010, 0001110009

Servicing: VW

B+ M8, Length 290.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 42.50 mm


111070 Starter 12 V, 1.7 kW

Replacing: 0001314034, 0001110056, 0001110017, 0001109026

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm


111088 Starter 12 V, 0.8 kW

Replacing: 0001112036

Servicing: Daihatsu, Piaggio

B+ M8, Length 209.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 64.60 B: 30.00 mm


111100 Starter 12 V, 0.7 kW

Replacing: 9000141104, 9000141015

Servicing: Citroen

B+ M8, Length 207.75, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.60 B: 19.80 mm


111103 Starter 12 V, 0.8 kW

Manufacturer: Lucas

Replacing: 9004475300

Servicing: Hillman, MG, Morris, Triumph, Various Agriculture Vehicles, Vauxhall

B+ M8, Length 321.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 60.35 mm


111112 Starter 12 V, 2.0 kW

Replacing: 0001362083, 0001362078, 0001362077, 0001362070, 0001362069

Servicing: Audi, Volvo, VW

B+ M10, Length 287.75, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.45 B: 20.00 mm



11,12


111115 Starter 12 V, 2.2 kW

Replacing: 0001218620, 0001218020, 0001218003

 Servicing: Citroen, Peugeot, Talbot
 B+ M8, Length 285.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)

A: 82.00 B: 29.00 mm



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111120 Starter 12 V, 2.2 kW

Replacing: B001233112, B001233104, 0001218130, 0001218112, 0001218111, 0001218017, 0001218005, 0001218004

 Servicing: Volvo, VW
 B+ M8, Length 272.65, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)

A: 82.35 B: 21.60 mm



9,10


111123 Starter 12 V, 0.9 kW

Replacing: 0001112035, 0001112015, 0001106015, 0001106011

 Servicing: Chevrolet, Daewoo, Fiat, Opel, Vauxhall
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)

A: 67.95 B: 18.55 mm



9


111127 Starter 12 V, 1.4 kW

Replacing: 0001108093, 0001108053

 Servicing: Opel, Pontiac, Vauxhall
 B+ M8, Length 183.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Replacing: PG100.

A: 68.00 B: 18.00 mm



9,10,11


111130 Starter 12 V, 1.1 kW

Replacing: 0001107063, 0001107019

 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (3)

A: 65.90 B: -5.00 mm



10


111131 Starter 12 V, 0.8 kW

Replacing: 9000333119, 9000333118, 0001114020, 0001114014, 0001113009, 0001113005, 0001113003, 0001112037

 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)

A: 76.15 B: 13.45 mm



9


111217 Starter 12 V, 3.0 kW

Replacing: BNG4/12CR222, 0001418004, 0001418003, 0001413010, 0001413007, 0001401068, 0001401052, 0001401028

 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



9


111218 Starter 24 V, 5.4 kW

Replacing: 0001416028, 0001414011, 0001402079

 Servicing: Volvo Penta
 B+ M10, B- M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 48.00 mm



11


111219 Starter 24 V, 6.6 kW

Replacing: 0001417023, 0001416053, 0001415021, 0001411010, 0001410050, 0001410010

 Servicing: Volvo Penta
 B+ M10, B- M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 47.40 mm



12


111231 Starter 24 V, 6.6 kW

Replacing: 0001417061, 0001417053

 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return

A: 89.00 B: 40.25 mm



9,10


111251 Starter 12 V, 1.1 kW

Replacing: 0001107047, 0001107036

 Servicing: Renault, Volvo
 B+ M8, Length 208.20, Drive type Steel,
 Gear type GR, Mount. holes 4 (4)
 Short version HC-CARGO 115442.

A: 66.00 B: -2.00 mm



10


111269 Starter 12 V, 1.4 kW

Replacing: 0001108158, 0001108152, 0001108111, 0001108082, 0001108071, 0001108040

 Servicing: Avia, Ford, Land Rover
 B+ M8, Length 245.60, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 88.85 B: 29.00 mm



111304 Starter 12 V, 2.7 kW

Manufacturer: Mahle Letrika

Replacing: 0001366014, 0001366005, 0001354038, 0001354013, 0001307025

Servicing: Sabb

B+ M10, Length 194.75, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 20.70 mm



111312 Starter 12 V, 0.8 kW

Replacing: 9007045016

Servicing: Nissan

B+ M8, Length 221.70, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 43.00 mm



111332 Starter 12 V, 2.7 kW

Replacing: 0001369017, 0001362341, 0001362314, 0001362306, 0001362043, 0001362025, 0001359072

Servicing: Fendt, Renault Agriculture

B+ M8, Length 293.55, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 21.00 mm



111346 Starter 12 V, 2.8 kW

Replacing: 9004475061

Servicing: Massey Ferguson

B+ M8, Length 314.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm



111347 Starter 12 V, 1.2 kW

Replacing: B001111143, B001111100, B001111010, 0001108149, 0001108124, 0001108008, 0001108003, 0001107403

Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW

B+ M8, Length 219.80, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 82.50 B: 25.00 mm



111399 Starter 24 V, 4.0 kW

Replacing: 0001368083

Servicing: DAF

B+ M10, B- M8, Length 352.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 38.00 mm



111400 Starter 12 V, 1.4 kW

Replacing: 0001108064, 0001108018

Servicing: BMW

B+ M8, 30h M5, Length 246.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 76.00 B: 22.00 mm



111421 Starter 12 V, 2.2 kW

Manufacturer: Bosch

Replacing: 0001218741, 0001218141

Servicing: Citroen, Fiat

B+ M8, Length 272.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
Alternative no.: 116327

A: 81.75 B: 26.60 mm



111422 Starter 12 V, 0.8 kW

Replacing: F000AL0319, 0001116005, 0001113006

Servicing: Fiat, Lancia

B+ M8, Length 206.00, Drive type Steel, Gear type DD, Mount. holes 3 (1)

A: 64.00 B: 11.50 mm



111475 Starter 12 V, 0.8 kW

Replacing: 9000334103

Servicing: Suzuki

B+ M8, Length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm



111489 Starter 12 V, 1.4 kW

Replacing: 0001311147, 0001311146, 0001108088, 0001108030

Servicing: Volvo

B+ M8, 15a 4.70, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 34.00 mm



111490 Starter 12 V, 1.4 kW

Replacing: 0001108154, 0001108056, 0001108052, 0001108031

Servicing: Eagle, Jeep

B+ M8, Length 245.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 66.00 B: 11.00 mm



111492 Starter 12 V, 1.4 kW
 Replacing: 0001108123
 Servicing: Chrysler, Dodge, Nissan, Plymouth
 B+ M8, Length 226.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (2)
 A: 82.00 B: 8.00 mm



111637 Starter 24 V, 4.0 kW
 Replacing: 0001368034, 0001360058,
 0001360026
 Servicing: DAF
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 88.80 B: 48.00 mm



111680 Starter 12 V, 1.1 kW
 Replacing: 0001107082, 0001107059
 Servicing: Ford
 B+ M8, Length 211.75, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (2)
 A: 72.00 B: 15.00 mm



111573 Starter 12 V, 2.8 kW
 Replacing: 0001359116
 Servicing: Avia, JCB, TCM, Various
 Agriculture Vehicles
 B+ M8, Length 311.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 101.00 B: 25.50 mm



111638 Starter 24 V, 4.0 kW
 Replacing: 0001231014
 Servicing: Volvo
 B+ M10, B- M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111685 Starter 12 V, 1.4 kW
 Replacing: 0001107491, 0001107490,
 0001107411, 0001107066
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 211.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 65.90 B: 10.80 mm



111585 Starter 12 V, 0.8 kW
 Replacing: 9000330948, 9000330929
 Servicing: Fiat
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 61.90 B: 13.00 mm



111640 Starter 24 V, 4.0 kW
 Replacing: 0001368081, 0001368016
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111693 Starter 12 V, 2.5 kW
 Replacing: 0001362102
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 21.65 mm



111619 Starter 12 V, 1.7 kW
 Replacing: 0001110125, 0001110082,
 0001110025
 Servicing: Fiat, Seat
 B+ M8, Length 263.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.50 B: 23.00 mm



111641 Starter 12 V, 0.7 kW
 Replacing: 0001116001
 Servicing: Nissan, Renault
 B+ M8, Length 195.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 0.50 mm



111694 Starter 12 V, 1.8 kW
 Replacing: 0001110139, 0001110138,
 0001110137, 0001110136, 0001110129,
 0001110128, 0001110127, 0001110126
 Servicing: Audi, Ferrari, Seat, Skoda, VW
 B+ M8, Length 270.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 16.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.


111724 Starter 12 V, 2.0 kW

Replacing: 0001109033

Servicing: Opel, Vauxhall

 B+ M8, Length 242.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 82.40 B: 21.00 mm


111748 Starter 12 V, 1.1 kW

 Replacing: 9000694029, 0001113011,
0001112039, 0001112038, 0001107053,
0001107052, 0001107021, 0001107020

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Length 223.00, Drive type Steel,
Gear type GR, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 33.00 mm


111749 Starter 12 V, 1.1 kW

Replacing: 0001107023, 0001107022

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Length 245.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 52.00 mm


111750 Starter 12 V, 1.4 kW

 Replacing: 0001108140, 0001108139,
0001108106, 0001108087, 0001108033,
0001107028, 0001107027, 0001107014

Servicing: Ford

 B+ M8, 15a M5, Length 208.50,
Drive type Steel, Gear type GR,
Mount. holes 3 (3)

A: 76.00 B: 13.50 mm


111752 Starter 12 V, 2.7 kW

 Replacing: 0001369016, 0001367001,
0001362300, 0001362063, 0001359074,
0001359014, 0001354080, 0001354073

Servicing: Case, Payloader

 B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


111755 Starter 12 V, 3.0 kW

 Replacing: 0001369022, 0001369005,
0001369001, 0001367078, 0001367075,
0001367037, 0001362316, 0001362312

Servicing: John Deere

 B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 34.00 mm


111768* Starter 12 V, 1.7 kW

 Replacing: 0001115107, 0001115106,
0001115096, 0001115071, 0001115070,
0001115050, 0001115049, 0001115005

Servicing: Maybach, Mercedes-Benz

 B+ M8, Length 256.00, Drive type Steel,
Gear type GR, Mount. holes 2 (2)

A: 60.00 B: 25.00 mm


111769 Starter 12 V, 1.4 kW

Manufacturer: Bosch

 Replacing: 0001108221, 0001108220,
0001108175, 0001108174

Servicing: Audi, Skoda, VW

 B+ M8, Length 230.00, Drive type Steel,
Gear type GR, Mount. holes 2 (1)

Alternative no.: 116344

A: 82.00 B: 27.00 mm


111771 Starter 24 V, 6.2 kW

Replacing: 0001372001

Servicing: Mercedes-Benz

 B+ M12, B- M10, Length 390.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


111793 Starter 12 V, 3.0 kW

 Replacing: 0001367076, 0001367048,
0001367017, 0001359088, 0001359020

Servicing: Caterpillar, Mercedes-Benz, Volvo

 B+ M10, Length 342.00, Drive type Steel,
Gear type DD, Clutch type Dry,
Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


111805 Starter 12 V, 2.5 kW

Replacing: 9000331203, 9000331201

Servicing: Ford, Nissan

 B+ M8, Length 228.00, Drive type Steel,
Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm


111823 Starter 12 V, 1.1 kW

 Replacing: 0001121035, 0001121034,
0001121031, 0001121030, 0001121002,
0001121001

Servicing: Seat, Skoda, VW

 B+ M8, Length 211.00, Drive type Steel,
Gear type GR, Mount. holes 3 (1)

A: 82.50 B: 4.00 mm



111848 Starter 12 V, 1.0 kW
 Replacing: F005M00001, B001110097, 9000061017, 0001107108, 0001107101, 0001107100, 0001107056, 0001107045
 Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall
 B+ M8, Length 215.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm



111849 Starter 12 V, 0.8 kW
 Replacing: 1986S00068
 Servicing: Chevrolet, Daewoo, Suzuki
 B+ M8, Length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 75.00 B: 6.50 mm



111851 Starter 12 V, 2.0 kW
 Replacing: 0001218738, 0001218124, 0001110112, 0001110091, 0001110075, 0001110016, 0001109290, 0001109250
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm



111855 Starter 12 V, 2.2 kW
 Replacing: 0001223002, 0001218772, 0001218172, 0001109370
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 267.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 Alternative no.: 116128
 A: 82.50 B: 23.00 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 0001110120, 0001110090, 0001109040, 0001108137
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



111874 Starter 12 V, 2.2 kW
 Replacing: 0001218166
 Servicing: Toyota
 B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 74.00 B: 3.50 mm



111885 Starter 12 V, 3.1 kW
 Replacing: 0001369025, 0001369019, 0001369007, 0001367072, 0001367019
 Servicing: Case
 B+ M10, Length 332.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Waterproof
Oil and waterproof.
 A: 89.00 B: 48.00 mm



111900 Starter 12 V, 1.8 kW
 Replacing: 0001125043, 0001125042, 0001125013, 0001125012, 0001125008, 0001125007, 0001124002, 0001124001
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503
 A: 76.00 B: 53.00 mm



111904 Starter 12 V, 1.8 kW
 Replacing: 0001127022, 0001125003, 0001124027, 0001124026, 0001124025, 0001124024, 0001124023, 0001124022
 Servicing: Seat, VW
 B+ M8, Length 247.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 46.70 mm



111906 Starter 12 V, 1.1 kW
 Replacing: 0001113017, 0001113010, 0001107500, 0001107499, 0001107417, 0001107407, 0001107087, 0001107043
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 26.35 mm



111908 Starter 12 V, 1.8 kW
 Replacing: 0001110110
 Servicing: BMW
 B+ M8, 30h M5, Length 265.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.20 B: 21.00 mm



111909 Starter 12 V, 1.1 kW
 Replacing: 0001121029, 0001121028, 0001121007, 0001121006, 0001120403, 0001120402
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504
 A: 76.25 B: 32.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: 0001371006
 Servicing: Scania
 B+ M12, B- M10, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111911 Starter 12 V, 1.4 kW
 Replacing: 0001108442, 0001108401,
 0001108231, 0001108230, 0001108190,
 0001108157, 0001108108, 0001107443
 Servicing: Bertolini, BMW, Ford, Porsche,
 Various Agriculture Vehicles
 B+ M8, 30h M5, Length 231.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (2)
 A: 76.00 B: 20.50 mm



111931 Starter 12 V, 1.1 kW
 Replacing: F000AL0101
 Servicing: Mercedes-Benz
 B+ M8, Length 212.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 70.00 B: 15.00 mm



111984 Starter 12 V, 1.1 kW
 Replacing: 0001107075, 0001107030
 Servicing: Toyota
 B+ M8, Length 211.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 8.00 mm



111994 Starter 12 V, 0.7 kW
 Replacing: 0001116003
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 178.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 B: -5.00 mm



111995 Starter 12 V, 2.0 kW
 Replacing: B001116092, 0001109067,
 0001109066, 0001109022, 0001109021
 Servicing: Audi, Skoda, VW
 B+ M8, Length 285.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 76.00 B: 29.00 mm



111996 Starter 12 V, 2.2 kW
 Replacing: 0001218774, 0001218174,
 0001109345, 0001109344
 Servicing: Iveco
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 0001121027, 0001121026,
 0001121009, 0001121008
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112006 Starter 12 V, 2.0 kW
 Replacing: 0001110132, 0001109034
 Servicing: Toyota
 B+ M8, Length 250.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 3.50 mm



112014 Starter 12 V, 2.0 kW
 Replacing: 0001125514, 0001125513,
 0001125504, 0001125503
 Servicing: VW
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: 0001214002, 0001115042,
 0001110033, 0001109029
 Servicing: ACME, Arona, BCS, Ferrari,
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112037 Starter 24 V, 4.0 kW
 Replacing: 0001368085
 Servicing: Perkins, Volvo
 B+ M10, Length 340.70, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: 0001366004, 0001358038,
 0001354091, 0001354012
 Servicing: Fendt, Jenbacher Werke, KHD,
 Lombardini
 B+ M10, Length 298.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112040 Starter 12 V, 1.5 kW
 Manufacturer: Bosch
 Replacing: 0001314047, 0001109363
 Servicing: Hatz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116333
 A: 82.50 B: 40.50 mm



112041 Starter 12 V, 2.2 kW
 Replacing: 0001362700
 Servicing: KHD, Various Agriculture Vehicles
 B+ M10, Length 293.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 82.50 B: 23.00 mm



112052 Starter 12 V, 2.2 kW
 Replacing: 9000331427, 0001218117,
 0001218116
 Servicing: VW
 B+ M8, Length 294.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 52.00 mm



112053 Starter 12 V, 2.2 kW
 Replacing: 0001223001, 0001218757,
 0001218157, 0001109364
 Servicing: Citroen, Peugeot
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 74.00 B: -6.00 mm



112055 Starter 24 V, 5.2 kW
 Manufacturer: Bosch
 Replacing: 0001368313, 0001364400,
 0001231041, 0001231013
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112071 Starter 12 V, 3.0 kW
 Replacing: 0001262002, 0001230014,
 0001230006
 Servicing: Deutz-Fahr
 B+ M10, Length 315.80, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 28.80 mm



112074 Starter 12 V, 3.1 kW
 Replacing: 0001369023, 0001369020,
 0001369015, 0001367006
 Servicing: Ford, New Holland
 B+ M8, Length 329.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: 0001417075, 0001417065
 Servicing: Volvo
 B+ M12, B- M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 47.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: 0001417042
 Servicing: Scania
 B+ M10, B- M10, Length 406.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112120 Starter 24 V, 6.6 kW
 Replacing: 0001417037, 0001411022
 Servicing: MAN, Mercedes-Benz
 B+ M12, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 47.50 mm



112131 Starter 12 V, 1.4 kW
 Replacing: 0001108077, 0001108076,
 0001107004, 0001107003
 Servicing: VW
 B+ M8, 15a 6.30, Length 244.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112132 Starter 24 V, 4.0 kW
 Replacing: 0001368030, 0001360036, 0001360023
 Servicing: Volvo BM
 B+ M10, Length 339.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
*BOSCH OE 0001360036 IS OIL-SEALED. CARGO
 112132 IS NOT!*
 A: 88.70 B: 47.00 mm



112135 Starter 12 V, 3.1 kW
 Replacing: 0001369018, 0001362301, 0001362064,
 0001359075, 0001359019, 0001354074
 Servicing: Case
 B+ M10, Length 315.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.80 B: 22.00 mm



112166 Starter 12 V, 1.7 kW
 Replacing: 0001110119, 0001110118, 0001110087,
 0001110086, 0001110070, 0001110069
 Servicing: Ford, VW
 B+ M8, Length 288.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112167 Starter 12 V, 1.8 kW
 Replacing: 0001110062, 0001110061
 Servicing: VW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
*Bushing D.E. (clutch house): HC-CARGO
 140018.*
 A: 76.00 B: 52.00 mm



112171 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 0001107099, 0001107024
 Servicing: BCS, Bertolini, Ferrari, Goldoni,
 Lombardini, Piaggio, Valpadana
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm



112172 Starter 12 V, 1.6 kW
 Replacing: 0001314001, 0001110042,
 0001110041, 0001110028
 Servicing: Arona, BMW, Ferrari, Lombardini, Mosa
 B+ M8, 30h M5, Length 267.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm



112173 Starter 12 V, 2.7 kW
 Replacing: 0001367008, 0001354108,
 0001354029
 Servicing: Bertolini, BMW, Hatz, VM
 (Stabilimenti Mec)
 B+ M10, Length 342.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.50 B: 20.00 mm



112174 Starter 24 V, 3.2 kW
 Replacing: 0001363123
 Servicing: Mercedes-Benz
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



112175 Starter 12 V, 3.0 kW
 Replacing: 0001367054
 Servicing: Hyster
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
 A: 89.00 B: 48.00 mm



112221 Starter 12 V, 2.0 kW
 Replacing: B001126081, B001126016,
 0001125512, 0001125511, 0001125502,
 0001125501
 Servicing: VW
 B+ M8, Length 236.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 21.70 mm



112224 Starter 24 V, 6.7 kW
 Replacing: 0001371004
 Servicing: Scania
 B+ M12, Length 428.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



112235 Starter 12 V, 1.4 kW
 Replacing: 0001108121
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 76.10 B: 13.00 mm



112236 Starter 12 V, 1.8 kW
 Replacing: B001127041, 0001124014, 0001124013
 Servicing: Seat, Skoda, VW
 B+ M8, Length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.10 B: 27.50 mm



112249 Starter 12 V, 2.7 kW
 Replacing: 9000143200, 0001366025, 0001354095, 0001354088, 0001354031
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 B+ M10, Length 295.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



112267 Starter 12 V, 2.5 kW
 Replacing: 0001367079, 0001362332, 0001362331, 0001362321, 0001362319
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



112286 Starter 12 V, 1.7 kW
 Replacing: 0001125036, 0001125035, 0001125014, 0001125006, 0001125005, 0001124004, 0001124003, 0001110099
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112290 Starter 12 V, 2.2 kW
 Replacing: 0001218728, 0001218128, 0001218105
 Servicing: Ford, Mazda
 B+ M8, Length 259.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



112295 Starter 12 V, 1.7 kW
 Replacing: B001117311, 9000331411, 0001115001, 0001110114, 0001110095, 0001110089, 0001110026, 0001110003
 Servicing: Mitsubishi, Renault, Volvo
 B+ M8, Length 265.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 66.00 B: -0.50 mm



112304 Starter 12 V, 1.4 kW
 Replacing: 0001108203
 Servicing: Lada
 B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 35.00 mm



112306 Starter 12 V, 1.1 kW
 Replacing: 0001108097, 0001108096, 0001107006, 0001107005
 Servicing: VW
 B+ M8, Length 254.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112307 Starter 12 V, 1.1 kW
 Replacing: 0001107104, 0001107103, 0001107026, 0001107025
 Servicing: Seat, VW
 B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 82.50 B: 2.00 mm



112309 Starter 12 V, 1.4 kW
 Replacing: 0001108114, 0001108113
 Servicing: Audi, VW
 B+ M8, 15a 6.30, Length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 76.00 B: 27.00 mm



112321 Starter 12 V, 1.1 kW
 Replacing: B001110043, 0001112014, 0001112013, 0001112006, 0001112005, 0001107074, 0001107073, 0001107069
 Servicing: Audi, Skoda, VW
 B+ M8, Length 227.55, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 82.50 B: 13.50 mm



112340 Starter 12 V, 1.4 kW
 Replacing: 0001108122
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 226.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 4.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



112429 Starter 12 V, 2.0 kW
 Replacing: 0001125049, 0001125048, 0001125019, 0001125018
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 259.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 62.00 mm



112430 Starter 12 V, 2.0 kW
 Replacing: 0001125518, 0001125517, 0001125508, 0001125507
 Servicing: VW
 B+ M8, Length 229.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)
 A: 82.50 B: 21.00 mm



112431 Starter 12 V, 1.1 kW
 Replacing: 0001107098, 0001107077
 Servicing: Chevrolet, Daewoo, Opel, Vauxhall
 B+ M8, Length 211.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 68.00 B: 18.00 mm



112434 Starter 12 V, 2.0 kW
 Replacing: 0001109041
 Servicing: Volvo
 B+ M8, Length 241.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)
 A: 82.50 B: 21.00 mm



112435 Starter 12 V, 1.1 kW
 Replacing: 0001121017, 0001121016
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 210.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 52.50 mm



112436 Starter 12 V, 2.3 kW
 Replacing: 0001223013, 0001218759
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 248.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 81.50 B: 21.50 mm



112438 Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001125052, 0001125051, 0001125022, 0001125021
 Servicing: Seat, Skoda, VW
 B+ M8, Length 234.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 Alternative no.: 116335
 A: 76.00 B: 52.50 mm



112439 Starter 12 V, 2.2 kW
 Replacing: 0001218814, 0001218768, 0001218168, 0001218152, 0001109413
 Servicing: Land Rover
 B+ M8, Length 274.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 20.50 mm



112440 Starter 12 V, 2.2 kW
 Replacing: 0001223005, 0001218162, 0001218156, 0001218150
 Servicing: Mercedes-Benz, Ssangyong
 B+ M8, Length 240.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 82.50 B: 26.00 mm



112441 Starter 12 V, 2.3 kW
 Replacing: 0001223024, 0001223007, 0001223003, 0001109462, 0001109376, 0001109375, 0001109371, 0001109307
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.
 B+ M8, Length 258.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 81.00-84.00 mm.
 Alternative no.: 115505
 A: 82.00 B: 27.00 mm



112442 Starter 12 V, 3.0 kW
 Replacing: 0001367077
 Servicing: John Deere
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 GR Starter HC-CARGO 115609.
 Alternative no.: 116130
 A: 89.00 B: 48.00 mm



112444 Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001125047, 0001125046, 0001125017, 0001125016
 Servicing: VW
 B+ M8, Length 257.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 Alternative no.: 116340
 A: 76.00 B: 62.00 mm



112445 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 0001107111, 0001107110, 0001107109, 0001107097, 0001107091
 Servicing: Fiat, Lancia
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)
 Alternative no.: 116336
 A: 66.00 B: 12.00 mm



112446 Starter 24 V, 4.0 kW
 Replacing: B001816592, 0001231119, 0001231030, 0001231019, 0001231007
 Servicing: MAN
 B+ M10, Length 321.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 Bosch DD HC-CARGO 113468.
 Alternative no.: 116135
 A: 89.00 B: 27.45 mm



112454 Starter 12 V, 2.2 kW
 Replacing: 0001218725, 0001218175, 0001218158, 0001218125, 0001218023
 Servicing: Alfa Romeo, Chrysler, Dodge, Jeep, Rover
 B+ M8, Length 274.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 82.50 B: 21.00 mm



112455 Starter 12 V, 1.4 kW
 Replacing: 0001108146, 0001108025
 Servicing: Alfa Romeo, Fiat, Lancia, VW
 B+ M8, 30h M5-6.30, Length 241.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 68.00 B: 23.00 mm



112494 Starter 24 V, 4.0 kW
 Replacing: 0001263052, 0001263008, 0001231028, 0001231005
 Servicing: Fendt, Volvo
 B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



112496 Starter 12 V, 2.0 kW
 Replacing: 0001109017
 Servicing: Farymann
 B+ M8, Length 269.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (1)
 A: 82.50 B: 14.50 mm



112497 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 0001108050, 0001107058, 0001107057
 Servicing: Mosa, Ruggieri
 B+ M8, 15a 6.30, Length 227.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 24.00 mm



112498 Starter 24 V, 4.0 kW
 Replacing: 0001263022, 0001263021, 0001263006, 0001263005, 0001231046, 0001231016
 Servicing: Ginaf, Iveco
 B+ M10, Length 315.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112507 Starter 24 V, 5.4 kW
 Replacing: 0001416026, 0001414022
 Servicing: Volvo, Volvo Penta
 B+ M10, B- M10, Length 385.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 BOSCH OE 0001414022/0001416026 IS OIL-SEALED. HC-CARGO 112507 IS NOT!
 A: 89.00 B: 51.00 mm



112533 Starter 12 V, 2.2 kW
 Replacing: 0001218771, 0001218171, 0001218134, 0001218026, 0001218009, 0001218001, 0001109024
 Servicing: BMW, Land Rover, Opel, Vauxhall
 B+ M8, 30h M5, Length 271.75, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 21.00 mm



112534 Starter 12 V, 2.0 kW
 Replacing: 0001109035
 Servicing: JCB, KHD, Perkins
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



112537 Starter 12 V, 2.2 kW
 Replacing: 0001218715, 0001218115,
 0001218114, 0001218113, 0001218018,
 0001218013, 0001218012
 Servicing: Audi, Fiat, VW
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 22.00 mm



112541 Starter 12 V, 2.2 kW
 Replacing: 9000331420, 0001218002
 Servicing: Fiat, Jeep, Renault
 B+ M8, Length 273.00, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 77.00 B: -4.00 mm



112553 Starter 12 V, 1.7 kW
 Replacing: 0001110072
 Servicing: Alpina, BMW
 B+ M8, 30h M5, Length 269.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 76.20 B: 21.50 mm



112555 Starter 12 V, 3.1 kW
 Replacing: 0001369024, 0001369014, 0001230014
 Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,
 Jenbacher Werke, KHD, Kramer, Linde
 B+ M10, Length 303.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



112581 Starter 24 V, 6.2 kW
 Replacing: B001860023, B001860021,
 0001372008, 0001372007, 0001372003,
 0001372002, 0001371015, 0001371010
 Servicing: DAF
 B+ M12, Length 380.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 48.00 mm



112651 Starter 24 V, 4.8 kW
 Manufacturer: Mahle Letrika
 Replacing: 0001364300, 0001364101
 Servicing: Bosch, KHD
 B+ M10, Length 351.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: 0001367042, 0001362310,
 0001359069, 0001359045
 Servicing: Case
 B+ M10, Length 333.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 48.00 mm



112670 Starter 24 V, 4.0 kW
 Replacing: 0001368051, 0001368040,
 0001368026
 Servicing: DAF, Hanomag, Mercedes-Benz,
 Perkins
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



112818 Starter 12 V, 1.4 kW
 Replacing: 0001108167, 0001108166,
 0001108153, 0001108107
 Servicing: Renault, Volvo
 B+ M8, 15a 6.30, Length 241.50,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 76.00 B: 0.20 mm



113134 Starter 12 V, 2.2 kW
 Replacing: 0001218167, 0001218163,
 0001218101, 0001218019
 Servicing: Opel, Renault, Renault V.I., Vauxhall
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 109.70 B: 27.00 mm



113177 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 0001107046, 0001107040
 Servicing: Lamborghini
 B+ M8, Length 212.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115329
 A: 76.00 B: 16.00 mm



113181 Starter 12 V, 2.3 kW
 Replacing: 0001223021, 0001223016
 Servicing: Bomag, JCB, KHD
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



113182 Starter 12 V, 3.0 kW
 Replacing: 0001262008, 0001262007,
 0001230023, 0001230010, 0001230007
 Servicing: New Holland
 B+ M10, Length 320.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



113183 Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 0001231010
 Servicing: Iveco
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Alternative no.: 116347
 A: 110.00 B: 28.00 mm



113184 Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 0001368069
 Servicing: Case
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.70 B: 48.00 mm



113267 Starter 12 V, 0.7 kW
 Replacing: 0001116006
 Servicing: Nissan
 B+ M8, Length 185.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)
 A: 69.90 B: 12.00 mm



113268 Starter 12 V, 1.6 kW
 Replacing: 0001314016, 0001307035,
 0001109012
 Servicing: Arona, Claas, Ferrari, Goldoni,
 Lombardini, Valpadana
 B+ M8, Length 255.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



113269 Starter 12 V, 3.0 kW
 Manufacturer: Magneton
 Replacing: 0001359094
 Servicing: Atlas Copco, Barber Greene, Benford,
 Case, Daewoo, Matbro, Perkins, Thwaites
 B+ M10, Length 234.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 31.50 mm



113271 Starter 12 V, 1.1 kW
 Replacing: 0001107434, 0001107433,
 0001107088
 Servicing: Toyota
 B+ M8, Length 204.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 73.90 B: 15.00 mm



113276 Starter 12 V, 1.1 kW
 Replacing: 0001107436, 0001107435,
 0001107413, 0001107412, 0001107409,
 0001107408, 0001107405, 0001107404
 Servicing: Chevrolet, Daewoo, Fiat,
 Mercedes-Benz, Opel, Saab, Vauxhall
 B+ M8, Length 200.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.90 B: 19.00 mm



113277 Starter 24 V, 4.0 kW
 Replacing: 0001231011
 Servicing: Iveco
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 109.80 B: 27.50 mm



113281 Starter 12 V, 1.1 kW
 Replacing: 0001107080
 Servicing: MG, Rover
 B+ M8, Length 231.40, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 75.00 B: 43.00 mm



113282 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 0001108410, 0001108409, 0001108404,
 0001108403, 0001108250, 0001108197
 Servicing: Chrysler, Mercedes-Benz
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 116477
 A: 60.00 B: 26.00 mm



113286 Starter 12 V, 0.9 kW
 Replacing: 0001106027, 0001106019
 Servicing: Mini
 B+ M8, Length 202.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.90 B: 22.00 mm



113292 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 0001108245, 0001108196
 Servicing: BMW
 B+ M8, 15a M5, Length 230.20,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 2 (1)
 Alternative no.: 116342
 A: 76.10 B: 25.50 mm



113303 Starter 12 V, 2.2 kW
 Replacing: 0001109311, 0001109310,
 0001109264, 0001109252
 Servicing: Volvo
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 76.00 B: 0.00 mm



113346 Starter 12 V, 0.8 kW
 Replacing: 0001106016
 Servicing: MG, Rover, VW
 B+ M8, Length 210.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 67.00 B: 41.00 mm



113353 Starter 24 V, 4.0 kW
 Replacing: 0001368311
 Servicing: Fendt
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 27.50 mm



113380 Starter 12 V, 2.8 kW
 Replacing: 0001367056
 Servicing: Ford
 B+ M8, B- M8, Length 311.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
Terminal 50 is where the wire needs to be soldered.
 A: 91.80 B: 20.00 mm



113387 Starter 12 V, 2.0 kW
 Replacing: 0001125032, 0001125031,
 0001125011, 0001125002, 0001125001,
 0001124006, 0001124005
 Servicing: Seat, VW
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 54.00 mm



113389 Starter 12 V, 2.2 kW
 Replacing: 0001218710, 0001218110,
 0001218016
 Servicing: Mercedes-Benz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.40 B: 25.00 mm



113430 Starter 12 V, 1.8 kW
 Replacing: 0001115025, 0001115021,
 0001109336, 0001109270, 0001109269,
 0001109268, 0001109253, 0001109045
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 81.50 B: 9.50 mm



113443 Starter 12 V, 1.4 kW
 Replacing: B001111399, 0001108176,
 0001108130, 0001108085
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 62.10 B: -5.00 mm



113446 Starter 12 V, 2.2 kW
 Replacing: 0001109201, 0001109200,
 0001109025
 Servicing: BMW, Land Rover, Opel, Vauxhall
 B+ M8, 30h M5, Length 239.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (2)
 Alternative no.: 115506
 A: 76.00 B: 20.00 mm



113451 Starter 12 V, 2.2 kW
 Replacing: 0001218159
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 81.50 B: 23.00 mm



113464 Starter 24 V, 4.0 kW
 Replacing: 0001364301, 0001364100
 Servicing: ABG, Irmer, Iveco, KHD
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



113465 Starter 12 V, 3.0 kW
 Replacing: 0001367302, 0001367070,
 0001359095, 0001359008, 0001358034
 Servicing: Renault V.I.
 B+ M10, Length 338.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 21.50 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 0001368306, 0001368304,
 0001368070, 0001368052, 0001360050,
 0001360013, 0001231009
 Servicing: Renault V.I.
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113467 Starter 12 V, 3.7 kW
 Replacing: 0001365004
 Servicing: Atlas Copco, Deutz-Fahr, Iveco
 B+ M10, Length 368.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



113468 Starter 24 V, 4.0 kW
 Replacing: 0001368317, 0001368310,
 0001368305, 0001368056
 Servicing: MAN
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 Bosch GR HC-CARGO 112446.
 A: 89.00 B: 27.00 mm



113478 5★ Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: 0001230005, 0001230003, 0001223502
 Servicing: Atlas Copco, John Deere
 B+ M10, Length 303.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0), Oil sealed
 Alternative HC-CARGO 116379.
 A: 82.50 B: 35.00 mm



113480 Starter 12 V, 1.2 kW
 Replacing: 0001107060
 Servicing: Rugggerini
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 28.00 mm



113481 Starter 12 V, 1.4 kW
 Replacing: 0001108186, 0001108185,
 0001108182, 0001108180, 0001108143,
 0001108051, 0001108022
 Servicing: Opel, Renault, Suzuki, Vauxhall
 B+ M8, Length 231.00, Drive type Steel,
 Gear type GR, Mount. holes 4 (4)
 A: 65.90 B: -1.00 mm



113482 5★ Starter 12 V, 3.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 0001367046, 0001367045,
 0001359089, 0001359087, 0001359044,
 0001359013
 Servicing: Volvo BM
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
 A: 88.75 B: 47.00 mm



113484 Starter 24 V, 4.0 kW
 Replacing: 0001368039, 0001368037
 Servicing: Sisu, Valtra
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



113509 Starter 12 V, 1.7 kW
 Replacing: 0001123017, 0001123016
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 242.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.10 B: 42.50 mm



113513 Starter 12 V, 1.1 kW
 Replacing: 0001107540, 0001107406
 Servicing: Mercedes-Benz
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 69.80 B: 27.00 mm



113515 Starter 12 V, 0.9 kW
 Manufacturer: Bosch
 Replacing: 0001120401, 0001120400
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 197.05, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 52.50 mm



113534 Starter 12 V, 3.0 kW
 Replacing: 0001367069
 Servicing: Fiat-Allis, Perkins
 B+ M8, Length 342.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.85 B: 27.00 mm



113570 Starter 12 V, 4.0 kW
 Replacing: 0001260026, 0001260025
 Servicing: Valtra
 B+ M10, Length 320.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



113605 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 0001107067
 Servicing: Renault, Volvo
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -1.70 mm



113608 Starter 24 V, 6.2 kW
 Replacing: 0001372005
 Servicing: Evobus, Kässbohrer, Mercedes-Benz, Setra
 B+ M12, 15a M6, Length 380.50,
 Drive type Steel, Gear type DD/GR,
 Clutch type Wet, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113609 Starter 24 V, 6.2 kW
 Replacing: 0001372006
 Servicing: Mercedes-Benz
 B+ M12, 15a M6S, Length 391.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113613 Starter 12 V, 1.1 kW
 Replacing: 6004AA0027, 6004AA0008,
 6004AA0003, 0001107432, 0001107431,
 0001107415
 Servicing: Dodge, Plymouth
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 73.90 B: 9.00 mm



113644 Starter 12 V, 1.2 kW
 Replacing: 0001112017, 0001107092
 Servicing: Nissan
 B+ M8, Length 189.80, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)
 A: 69.90 B: 10.60 mm



113649 Starter 12 V, 1.0 kW
 Replacing: 0001107079
 Servicing: Toyota
 B+ M8, Length 206.30, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 74.00 B: 4.50 mm



113674 Starter 12 V, 2.0 kW
 Replacing: 0001218068, 0001109068,
 0001109062, 0001109055, 0001109052,
 0001109015
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.30 B: 18.50 mm



113677 Starter 12 V, 1.1 kW
 Replacing: 0001121011, 0001121010
 Servicing: VW
 B+ M8, Length 213.15, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 76.00 B: 52.50 mm



113678 Starter 12 V, 2.2 kW
 Replacing: 0001125606, 0001125605
 Servicing: VW
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115507
 A: 76.10 B: 62.00 mm



113695 Starter 24 V, 6.0 kW
 Replacing: 0001371001
 Servicing: Caterpillar
 B+ 1/2" UNC, B- 1/2" UNC, 15a 3/16" UNF,
 Length 433.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil
 sealed
 Replacing: 37MT.
 A: 89.00 B: 47.00 mm



113705 Starter 12 V, 1.9 kW
 Replacing: 0001315002, 0001312001,
 0001311115
 Servicing: NSU, Volvo Penta
 B+ M8, Length 256.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



113706 Starter 12 V, 1.1 kW
 Replacing: 0001107107
 Servicing: Lombardini
 B+ M8, Length 212.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 15.50 mm



113745 Starter 12 V, 1.4 kW
 Replacing: 0001110011
 Servicing: Jaguar
 B+ M8, 15a M4, Length 267.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (1)
 A: 89.00 B: 26.70 mm



113750 Starter 12 V, 0.9 kW
 Replacing: 0001113014, 0001113013, 0001112045,
 0001112044, 0001112028, 0001112027
 Servicing: Seat, VW
 B+ M8, Length 233.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 4 (2)
 Bosch version HC-CARGO 113750 Marelli
 Version HC-CARGO 114758
 A: 82.50 B: 2.00 mm



113752 Starter 12 V, 1.8 kW
 Replacing: 0001110124, 0001110102,
 0001110092, 00011109018
 Servicing: Fiat
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.00 B: 23.50 mm



113759 Starter 24 V, 4.0 kW
 Replacing: 0001231029, 0001231008
 Servicing: MAN
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



113760 Starter 24 V, 4.0 kW
 Replacing: 0001263002, 0001263001,
 0001231045, 0001231017
 Servicing: DAF
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



113761 Starter 12 V, 0.9 kW
 Replacing: 0001106022, 0001106017,
 0001106012
 Servicing: Renault
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 4 (4)
 A: 65.90 B: -0.50 mm



113773 Starter 12 V, 1.1 kW
 Replacing: 0001121403, 0001121402
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.15 B: 62.00 mm



113830 Starter 24 V, 5.5 kW
 Replacing: 0001261049
 Servicing: Volvo
 B+ M10, B- M10, Length 360.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
 Over Crank Protection.
 Alternative no.: 115884
 A: 92.00 B: 48.00 mm



113841 Starter 12 V, 1.7 kW
 Replacing: 0001123039, 0001123038,
 0001123015, 0001123014
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 242.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.10 B: 62.00 mm



113842 Starter 12 V, 1.7 kW
 Replacing: 0001123013, 0001123012
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115508
 A: 76.20 B: 52.50 mm



113843 Starter 12 V, 1.1 kW
 Replacing: F002G20485, 0001107444,
 0001107437, 0001107429
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 24.25 mm



113846 Starter 12 V, 2.2 kW
 Replacing: 0001218703, 0001218103,
 0001218024
 Servicing: Alfa Romeo, Fiat, Skoda
 B+ M8, Length 282.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



113847 Starter 12 V, 0.95 kW
 Replacing: 0001208429, 0001208428,
 0001208426, 0001208425
 Servicing: VW
 B+ M8, Length 241.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.15 B: 43.25 mm



113850 Starter 24 V, 5.4 kW
 Replacing: 0001416059
 Servicing: Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0), Oil sealed
Not insulated return.
 A: 89.00 B: 48.00 mm



113851 Starter 24 V, 7.5 kW
 Replacing: 0001330050
 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (0)
Replacing: 39MT.
 Alternative no.: 115885
 A: 92.00 B: 47.70 mm



113859 Starter 24 V, 6.0 kW
 Replacing: 0001330008
 Servicing: Scania
 B+ M10, Length 361.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113891 Starter 24 V, 5.5 kW
 Replacing: 0001261106, 0001261028,
 0001261027, 0001261026, 0001261025,
 0001261002, 0001261001, 0001241001
 Servicing: Scania
 B+ M10, Length 325.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Alternative no.: 115509
 A: 92.00 B: 48.00 mm



113900 Starter 12 V, 2.2 kW
 Replacing: F000AL0115, 6004AA3014,
 0001109331, 0001109330
 Servicing: John Deere
 B+ M8, Length 239.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



113931 Starter 12 V, 1.7 kW
 Replacing: 0001108240, 0001108239, 0001108235,
 0001108234, 0001108224, 0001108202
 Servicing: Alfa Romeo, Cadillac, Chevrolet,
 Fiat, Lancia, Opel, Saab, Vauxhall
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.00 B: 9.00 mm



113932 Starter 12 V, 0.85 kW
 Replacing: F000CDOA02
 Servicing: Dacia, Nissan, Renault
 B+ M8x1.25, Length 168.00,
 Gear type DD, Mount. holes 3 (3)
 B: -3.00 mm



113934 Starter 24 V, 5.5 kW
 Replacing: 0001241119, 0001241019,
 0001241014, 0001241007, 0001241003
 Servicing: Bova, DAF, Solaris
 B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 48.00 mm



113935 Starter 12 V, 2.5 kW
 Replacing: 0001109301, 0001109300
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 243.80, Gear type GR,
 Mount. holes 3 (3)
 Bosch Type (Remy type HC-CARGO 114145).
 Alternative no.: 115501
 A: 82.00 B: 1.00 mm



113959 Starter 12 V, 2.0 kW
 Replacing: 0001115093, 0001115092,
 0001109392, 0001109391, 0001109388,
 0001109387, 0001109329, 0001109328
 Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot
 B+ M8, Length 261.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115510
 A: 89.00 B: 36.00 mm



113960 Starter 12 V, 0.9 kW
 Replacing: 0001106406, 0001106405
 Servicing: Citroen, DS, Mini, Peugeot
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 4 (2)
 A. Measure = 60.00-64.00 mm.
 A: 64.00 B: 13.00 mm



113962 Starter 12 V, 0.9 kW
 Replacing: F000AL0320, 0001192083
 Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia
 B+ M8, Length 169.60, Gear type DD/GR,
 Mount. holes 2 (1)
 A: 64.10 B: 10.00 mm



113963 Starter 12 V, 1.1 kW
 Replacing: 0001107439, 0001107438
 Servicing: Citroen, Peugeot, Toyota
 B+ M8, Length 168.40, Gear type DD/GR,
 Mount. holes 2 (1)
 A: 74.00 B: 25.00 mm



113968 Starter 12 V, 3.6 kW
 Replacing: 0001369201, 0001369200
 Servicing: New Holland
 B+ M8, Length 330.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 20.00 mm



113979 Starter 24 V, 4.0 kW
 Replacing: 0001231003
 Servicing: Mercedes-Benz
 B+ M10, Length 315.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 48.50 mm



113980 Starter 24 V, 4.0 kW
 Replacing: 0001368077, 0001231006
 Servicing: KHD
 B+ M10, Length 319.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



113981 Starter 12 V, 1.5 kW
 Replacing: 0001314044
 Servicing: KHD
 B+ M8, Length 265.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



114001 Starter 24 V, 4.0 kW
 Replacing: 0001231034, 0001231023
 Servicing: MAN
 B+ M10, Length 317.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 w/ safety switch. Bosch Version
 A: 89.00 B: 28.00 mm



114002 Starter 12 V, 4.2 kW
 Replacing: 0001262022, 0001262021,
 0001250004, 0001250003, 0001230021
 Servicing: Case
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



114020 Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 0001109267, 0001109254
 Servicing: LDV
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 82.00 B: 0.00 mm



114021 Starter 12 V, 3.0 kW
 Replacing: 0001262020, 0001262019, 0001250002, 0001250001, 0001230020
 Servicing: New Holland
 B+ M10, Length 314.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



114029 Starter 12 V, 1.8 kW
 Replacing: 0001108444
 Servicing: Opel, Vauxhall
 B+ M8, Length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 64.00 B: 23.10 mm



114031 Starter 24 V, 5.5 kW
 Replacing: 0001241021, 0001241009, 0001241005
 Servicing: MAN
 B+ M10, Length 323.50, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115892 5★
 A: 92.00 B: 48.00 mm



114033 Starter 24 V, 4.0 kW
 Replacing: 0001231004
 Servicing: Volvo
 B+ M10, B- M10, Length 334.00, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114034 Starter 12 V, 1.0 kW
 Replacing: 0001121434, 0001121433, 0001120407, 0001120406
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 194.00, Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 52.50 mm



114050 Starter 12 V, 4.2 kW
 Replacing: 0001230022
 Servicing: Case, New Holland
 B+ M10, 30h M10, Length 317.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



114051 Starter 12 V, 1.0 kW
 Replacing: 0001106014
 Servicing: Smart (MCC)
 B+ M8, 30h M8, Length 203.40, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 70.00 B: 15.00 mm



114052 Starter 12 V, 1.1 kW
 Replacing: 0001107430, 0001107083
 Servicing: Lombardini
 B+ M8, 15a M6, Length 219.30, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 76.00 B: 18.00 mm



114053 Starter 12 V, 2.0 kW
 Replacing: 0001218161, 0001109031
 Servicing: Lombardini
 B+ M8, Length 240.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 16.00 mm



114054 Starter 12 V, 2.5 kW
 Replacing: 0001109430, 0001109429, 0001109335, 0001109334, 0001109313, 0001109303, 0001109302
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 246.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 Alternative no.: 115516 5★
 A: 82.00 B: 24.00 mm



114055 Starter 12 V, 2.3 kW
 Replacing: 0001218776, 0001218176, 0001109358, 0001109357
 Servicing: Jacobsen, John Deere
 B+ M8, Length 273.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



114062 Starter 12 V, 1.7 kW
 Replacing: 0001123019, 0001123018
 Servicing: Seat, Skoda, VW
 B+ M8, Length 233.00, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 52.00 mm



114068 Starter 12 V, 1.1 kW
 Replacing: 0001107441, 0001107440
 Servicing: Toyota
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (1)
 1.1 kw version = HC-CARGO 114071.
 A: 74.00 B: 15.00 mm



114069 Starter 24 V, 4.0 kW
 Replacing: 0001263054, 0001263053, 0001263004,
 0001263003, 0001231040, 0001231036
 Servicing: DAF
 B+ M10, Length 318.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 A: 110.00 B: 48.00 mm



114073 Starter 24 V, 5.5 kW
 Replacing: 0001261070, 0001261069,
 0001261045, 0001261044, 0001261013,
 0001261012, 0001261008, 0001261007
 Servicing: Bova, DAF, Minelli, Solaris
 B+ M10, Length 319.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115511
 A: 110.00 B: 47.00 mm



114091 Starter 12 V, 1.8 kW
 Replacing: 0001115046, 0001115045,
 0001115041, 0001115040
 Servicing: BMW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 21.50 mm



114092 Starter 12 V, 2.0 kW
 Replacing: 0001109389, 0001109341,
 0001109340, 0001109204
 Servicing: Ford
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 6.00 mm



114093 Starter 12 V, 1.7 kW
 Replacing: 0001115075, 0001115074,
 0001115048, 0001115047
 Servicing: Mercedes-Benz
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 115512
 A: 82.50 B: 26.00 mm



114094 Starter 12 V, 2.2 kW
 Replacing: 0001109320, 0001109319,
 0001109259, 0001109258
 Servicing: Audi, VW
 B+ M8, Length 252.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 24.50 mm



114096 Starter 12 V, 2.0 kW
 Replacing: 0001125054, 0001125053
 Servicing: Audi, Seat, Skoda
 B+ M8, Length 244.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.00 B: 2.00 mm



114106 Starter 12 V, 1.6 kW
 Replacing: 0001109043, 0001109008
 Servicing: Hatz
 B+ M8, Length 263.00,
 Mount. holes 2 (0)
 A: 82.50 B: 40.00 mm



114118 Starter 12 V, 1.4 kW
 Replacing: B001111158, 0001108115,
 0001108065
 Servicing: BMW
 B+ M8, 30h M5, Length 244.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 75.90 B: 23.00 mm



114123 Starter 12 V, 0.8 kW
 Replacing: F000CD09A0, F000CD0900,
 F000AL0310, F000AL0309
 Servicing: Fiat
 B+ M8, 30h M6, Length 190.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (1)
 A: 64.00 B: 11.00 mm



114126 Starter 12 V, 2.3 kW
 Replacing: 0001223014
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 72.00 B: -6.00 mm



114160 Starter 12 V, 1.8 kW
 Replacing: 0001125040, 0001125039, 0001125010, 0001125009
 Servicing: Seat, VW
 B+ M8, Length 243.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 53.00 mm



114162 Starter 12 V, 1.1 kW
 Replacing: F004A94410, 0001107502, 0001107501, 0001107418, 0001107410
 Servicing: Ford
 B+ M8, Length 201.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



114163 Starter 12 V, 1.1 kW
 Replacing: 0001121409, 0001121408
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 204.50, Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 53.00 mm



114170 Starter 24 V, 4.0 kW
 Replacing: 0001368004
 Servicing: Various Industrial applications, Volvo
 B+ M10, Length 340.00, Gear type DD, Mount. holes 2 (0)
 A: 89.00 B: 48.20 mm



114173 Starter 12 V, 1.7 kW
 Replacing: 0001123021, 0001123020
 Servicing: VW
 B+ M8, Length 244.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 58.00 mm



114174 Starter 12 V, 1.1 kW
 Replacing: 0001121023, 0001121022
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 233.90, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.20 B: 62.00 mm



114175 Starter 12 V, 1.1 kW
 Replacing: 0001121411, 0001121410, 0001120411, 0001120410
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 56.00 mm



114176 Starter 12 V, 1.0 kW
 Replacing: 0001120409, 0001120408
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 213.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



114177 Starter 12 V, 2.0 kW
 Replacing: 0001109065, 0001109064
 Servicing: Audi, Seat
 B+ M8, Length 241.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 82.50 B: 15.50 mm



114178 Starter 12 V, 1.4 kW
 Replacing: 0001115073, 0001115072, 0001115051, 0001115006, 0001108223, 0001108222
 Servicing: Maybach, Mercedes-Benz
 B+ M8, Length 246.30, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 60.00 B: 27.00 mm



114179 Starter 12 V, 1.2 kW
 Replacing: 0001107428, 0001107427
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 200.00, Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 15.45 mm



114181 Starter 12 V, 1.9 kW
 Replacing: 0001354100
 Servicing: Atlas Copco, Deutz-Fahr
 B+ M10, Length 294.00, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



114193 Starter 24 V, 5.5 kW
 Replacing: 0001261041
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115877
 A: 89.00 B: 48.00 mm



114195 Starter 12 V, 3.0 kW
 Replacing: 0001230018, 0001230008
 Servicing: John Deere
 B+ M10, Length 312.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 51.00 mm



114196 Starter 24 V, 4.0 kW
 Replacing: 0001263020, 0001263019,
 0001251006, 0001251005, 0001231027,
 0001231026
 Servicing: Case, New Holland
 B+ M10, Length 317.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 27.60 mm



114199 Starter 12 V, 0.7 kW
 Replacing: 0001116008
 Servicing: Nissan, Renault
 B+ M8x1.25, Length 166.00,
 Gear type DD, Mount. holes 2 (1)
 A: 70.00 B: 11.00 mm



114220 Starter 24 V, 4.0 kW
 Replacing: 0001231018, 0001101110
 Servicing: Deutz-Fahr
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116132
 A: 82.50 B: 23.00 mm



114233 Starter 12 V, 2.2 kW
 Replacing: 0001218177
 Servicing: Jeep
 B+ M8, Length 272.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 21.00 mm



114236 Starter 24 V, 2.5 kW
 Manufacturer: Bosch
 Replacing: 9000332406
 Servicing: Nissan
 B+ M8, Length 279.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 116356
 A: 89.00 B: 29.50 mm



114265 Starter 12 V, 2.7 kW
 Replacing: 0001366009, 0001362050,
 0001362021, 0001354099
 Servicing: VM (Stabilimenti Mec)
 B+ M10, Length 295.00,
 Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



114266 Starter 24 V, 4.0 kW
 Replacing: 0001368015
 Servicing: AGCO POWER (SISU DIESEL)
 B+ M10, B- M8, Length 346.50,
 Gear type DD, Mount. holes 3 (0),
 Insulated return
 A: 89.00 B: 48.00 mm



114274 Starter 12 V, 2.3 kW
 Replacing: 0001223004
 Servicing: Jeep
 B+ M8, Length 251.50, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 21.00 mm



114275 Starter 12 V, 4.0 kW
 Replacing: 0001260004, 0001260001
 Servicing: John Deere
 B+ M10, Length 326.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 48.00 mm



114294 Starter 12 V, 1.1 kW
 Replacing: 0001107064
 Servicing: Chrysler, Plymouth
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 70.00 B: 7.00 mm



114295 Starter 12 V, 0.9 kW
 Replacing: 0001106018
 Servicing: Mini
 B+ M8, Length 211.50, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 25.50 mm



114297 Starter 12 V, 1.2 kW
 Replacing: 0001107526, 0001107525,
 0001107426, 0001107425
 Servicing: BMW
 B+ M8, Length 199.00, Gear type DD/GR,
 Mount. holes 2 (1)
 A: 76.00 B: 26.00 mm



114299 Starter 12 V, 1.7 kW
 Replacing: 0001123029, 0001123028
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 232.00, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 53.00 mm



114304 Starter 12 V, 2.3 kW
 Replacing: 6033AB1J00, 0001218822,
 0001109417
 Servicing: VW
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



114307 Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 0001263024, 0001263023,
 0001251004, 0001251003, 0001231039
 Servicing: Iveco
 B+ M10, Length 303.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 116473
 A: 89.00 B: 48.00 mm



114310 Starter 24 V, 7.0 kW
 Replacing: 0001330057
 Servicing: Volvo
 B+ M12, B- M12, Length 380.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115888
 A: 92.00 B: 47.00 mm



114313 Starter 24 V, 2.5 kW
 Replacing: 0001219014
 Servicing: VM (Stabilimenti Mec)
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



114315 Starter 12 V, 1.4 kW
 Replacing: 0001108472, 0001108402
 Servicing: Changan Ford Mazda, Ford, Volvo
 B+ M8, Length 213.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 76.00 B: 0.00 mm



114316 Starter 12 V, 1.7 kW
 Replacing: 0001124015, 0001123001
 Servicing: Porsche
 B+ M8, Length 232.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 53.00 mm



114317 Starter 12 V, 2.0 kW
 Replacing: 0001125056, 0001125055
 Servicing: VW
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 20.00 mm



114318 Starter 12 V, 2.2 kW
 Replacing: 9000331430, 9000331424,
 9000331421, 0001218818
 Servicing: Nissan
 B+ M8, Length 262.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 9.00 mm



114319 Starter 24 V, 2.5 kW
 Replacing: 0001219017, 0001219016,
 0001219009, 0001219007
 Servicing: Mercedes-Benz, Puch (Steyr-
 Daimler)
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 27.00 mm



114320 Starter 12 V, 3.0 kW
 Replacing: 0001230013
 Servicing: JCB, KHD
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



114395 Starter 12 V, 3.0 kW
 Replacing: 0001262006, 0001230027, 0001230001
 Servicing: Mercedes-Benz
 B+ M10, Length 316.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 49.00 mm



114438 Starter 24 V, 5.4 kW
 Replacing: 0001416032
 Servicing: KHD, Liebherr, Orenstein and
 Koppel
 B+ M10, B- M10, Mount. holes 3 (0),
 Insulated return
 A: 89.00 B: 47.50 mm



114321 Starter 12 V, 2.0 kW
 Replacing: 0001109048, 0001108247, 0001108204
 Servicing: Fiat
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 82.00 B: 11.00 mm



114397 Starter 24 V, 4.0 kW
 Replacing: 0001368067
 Servicing: Cummins
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Insulated return
 A: 89.00 B: 48.20 mm



114446 Starter 24 V, 5.4 kW
 Replacing: 0001416046
 Servicing: Iveco
 B+ M10, Length 387.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



114327 Starter 24 V, 5.5 kW
 Replacing: 0001261016, 0001241012,
 0001241008
 Servicing: Howo, Scania, Weichai
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.80 B: 47.80 mm



114398 Starter 24 V, 4.0 kW
 Replacing: 0001368071, 0001368050, 0001368046
 Servicing: Hatz
 B+ M10, Length 345.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



114460 Starter 12 V, 1.4 kW
 Replacing: 0001108400, 0001108183
 Servicing: Citroen, Fiat, Hyundai, Lancia,
 Mitsubishi, Peugeot
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (3)
 B: -4.00 mm



114376 Starter 24 V, 4.0 kW
 Replacing: 0001231035
 Servicing: MAN
 B+ M10, Length 311.50, Gear type GR,
 Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115513
 A: 89.00 B: 29.00 mm



114402 Starter 12 V, 2.3 kW
 Replacing: 0001223022, 0001109356,
 0001109355
 Servicing: Mercruiser, Mercury, VM
 (Stabilimenti Mec)
 B+ M8x1.25, Length 257.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 16.00 mm



114477 Starter 12 V, 1.7 kW
 Replacing: 0001125025
 Servicing: Porsche
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 60.00 B: 29.00 mm


114507 Starter 12 V, 1.8 kW

Replacing: 0001115109, 0001115108, 0001115101, 0001115100, 0001115077, 0001115076

Servicing: Mercedes-Benz

B+ M8, Length 255.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 60.00 B: 26.00 mm


114523 Starter 24 V, 4.0 kW

Replacing: B001260015, 0001263049, 0001263016, 0001263015, 0001231133, 0001231033, 0001231032, 0001231002

Servicing: Mercedes-Benz

B+ M10, Length 313.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Alternative no.: 115514

A: 89.00 B: 48.50 mm


114527 Starter 24 V, 6.0 kW

Replacing: 0001330004

Servicing: Volvo Penta

B+ M10, B- M10, Length 385.00, Drive type Steel, Gear type GR, Mount. holes 3 (0), Insulated return

A: 92.00 B: 48.00 mm


114676 Starter 12 V, 2.2 kW

Replacing: 0001362705

Servicing: KHD

B+ M10, Length 293.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 82.50 B: 23.00 mm


114689 Starter 12 V, 2.0 kW

Replacing: 0001115069, 0001115068, 0001109070, 0001109069

Servicing: BMW

B+ M8, Length 240.00, Gear type GR, Mount. holes 3 (0)

A: 69.00 B: 5.00 mm


114690 Starter 12 V, 2.0 kW

Replacing: 0001125520, 0001125519

Servicing: Audi, VW

B+ M8, Length 230.00, Gear type GR, Mount. holes 3 (1)

A: 76.20 B: 25.00 mm


114692 Starter 12 V, 1.7 kW

Replacing: 0001138047, 0001138004, 0001138003

Servicing: Mini

B+ M8, Length 228.00, Gear type GR, Mount. holes 4 (2)

A: 60.00 B: 14.00 mm


114702 Starter 24 V, 4.0 kW

Replacing: 0001261006, 0001241016

Servicing: Kamaz

B+ M10, Length 321.00, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


114723 Starter 12 V, 2.2 kW

Replacing: 0001125601, 0001125600

Servicing: VW

B+ M8, Length 245.00, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 60.00 mm


114740 Starter 12 V, 1.2 kW

Replacing: 0001107528, 0001107527, 0001107424, 0001107423

Servicing: BMW

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (1)

A: 76.00 B: 25.00 mm


114741 starter 12 V, 1.6 kW

Replacing: 0001314040, 0001109011

Servicing: Piaggio

B+ M8, Length 260.00, Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 21.50 mm


114742 starter 12 V, 1.8 kW

Replacing: 0986024590, 0001149401, 0001149400, 0001139086, 0001139085, 0001139066, 0001139065, 0001139044

Servicing: Mercedes-Benz

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 16.00 mm



114744 Starter 24 V, 5.4 kW
 Replacing: 0001416071, 0001410087
 Servicing: Various Industrial applications
 B+ M10, B- M10, Length 387.00,
 Gear type DD, Mount. holes 3 (0),
 Insulated return
 A: 89.00 B: 47.50 mm



114746 Starter 12 V, 1.4 kW
 Replacing: 0001108412, 0001108411
 Servicing: Volvo
 B+ M8, Length 224.00, Gear type GR,
 Mount. holes 3 (0)
 A: 56.00 B: -7.00 mm



114775 Starter 12 V, 2.2 kW
 Replacing: 0001125610, 0001125609
 Servicing: Audi, VW
 B+ M8, Length 235.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Alternative no.: 115502
 A: 76.20 B: 25.00 mm



114776 Starter 12 V, 2.3 kW
 Replacing: 0001223019, 0001223018
 Servicing: Audi
 B+ M8, Length 248.00, Gear type GR,
 Mount. holes 3 (2)
 A: 74.00 B: 26.00 mm



114814 Starter 12 V, 0.9 kW
 Replacing: 0001106024, 0001106023
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 208.00, Gear type GR,
 Mount. holes 4 (3)
 A: 66.00 B: 0.00 mm



114833 Starter 12 V, 1.7 kW
 Replacing: 0001115115, 0001115114,
 0001115079, 0001115078
 Servicing: Fiat
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (3)
 A: 82.00 B: 1.00 mm



114837 Starter 12 V, 1.2 kW
 Replacing: 0001108406, 0001108405
 Servicing: Audi
 B+ M8, Length 213.50, Gear type GR,
 Mount. holes 2 (2)
 A: 66.00 B: 25.50 mm



114849 Starter 12 V, 1.7 kW
 Replacing: 0001138006, 0001138005
 Servicing: Mini
 B+ M8, Length 228.00, Gear type GR,
 Mount. holes 4 (2)
 A: 60.00 B: 14.00 mm



114850 Starter 12 V, 2.5 kW
 Replacing: 0001139409, 0001139408,
 0001139030, 0001139029
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 16.00 mm



114869 Starter 12 V, 1.4 kW
 Replacing: 0001108429, 0001108428
 Servicing: Renault
 B+ M8, Length 214.00, Gear type GR,
 Mount. holes 4 (3)
 A: 66.00 B: 0.50 mm



114886 Starter 12 V, 1.2 kW
 Replacing: 0001107449, 0001107448
 Servicing: Toyota
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 14.00 mm



115311 Starter 12 V, 2.0 kW
 Replacing: 0001123037, 0001123036
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 245.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 42.50 mm


115312 Starter 12 V, 1.1 kW

Replacing: 0001170403, 0001170402, 0001170401, 0001170400, 0001137012, 0001137011, 0001137002, 0001137001
 Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Length 218.00, Gear type GR, Mount. holes 3 (1)
 A: 64.00 B: 10.50 mm


115324 Starter 12 V, 1.9 kW

Replacing: 0001366010
 Servicing: Hatz

B+ M10, Length 292.00, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm


115329 Starter 12 V, 1.2 kW

Replacing: 0001107046, 0001107040
 Servicing: Lamborghini, Lombardini
 B+ M8, Length 212.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 113177
 A: 76.20 B: 16.00 mm


115333 Starter 12 V, 1.0 kW

Replacing: 0001121413, 0001121412
 Servicing: Audi, Seat, VW
 B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 43.00 mm


115334 Starter 12 V, 2.0 kW

Replacing: 0001139026, 0001139025
 Servicing: Mercedes-Benz

B+ M8, Length 241.00, Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 26.00 mm


115335 Starter 12 V, 2.2 kW

Replacing: 0001148509, 0001148508, 0001148033, 0001148026, 0001148010, 0001148009, 0001139016, 0001139015
 Servicing: BMW

B+ M8, Length 242.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 116059
 A: 69.00 B: 18.50 mm


115336 Starter 12 V, 2.2 kW

Replacing: 0001153008, 0001153007, 0001145002, 0001145001

Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 252.00, Gear type GR, Mount. holes 3 (0)
 A: 79.00 B: 52.00 mm


115337 Starter 12 V, 2.0 kW

Replacing: 0001142006, 0001142005
 Servicing: Audi, Seat, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 62.00 mm


115338 Starter 12 V, 2.0 kW

Replacing: 0001142004, 0001142003
 Servicing: Audi, Seat, VW

B+ M8, Length 240.00, Gear type GR, Mount. holes 3 (0)
 A: 79.00 B: 52.00 mm


115339 Starter 12 V, 2.0 kW

Replacing: 0001147409, 0001147408
 Servicing: Mercedes-Benz, Skoda, VW

B+ M8, Length 228.50, Gear type GR, Mount. holes 2 (2)
 A: 70.00 B: 29.00 mm


115344 Starter 12 V, 2.3 kW

Manufacturer: Bosch
 Replacing: 0001362076, 0001362040, 0001362018, 0001362017, 0001109360, 0001109359

Servicing: Arona, Lombardini
 B+ M8, Length 246.50, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm


115375 Starter 12 V, 2.0 kW

Replacing: 0001125522, 0001125521
 Servicing: Audi

B+ M8, Length 230.00, Gear type GR, Mount. holes 3 (1)
 A: 76.00 B: 25.00 mm



115394 Starter 12 V, 1.1 kW
 Replacing: 0001107534, 0001107509,
 0001107508, 0001107451, 0001107450
 Servicing: Audi, Porsche
 B+ M8, Length 218.50, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 24.00 mm



115395 Starter 12 V, 1.1 kW
 Replacing: 0001192086, 0001192009,
 0001107522, 0001107521
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 201.00, Gear type GR,
 Mount. holes 2 (0)
 A: 68.00 B: 19.00 mm



115397 Starter 12 V, 2.0 kW
 Replacing: 0001109042
 Servicing: GAZ
 B+ M8, Length 245.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 115500
 A: 82.50 B: 21.00 mm



115398 Starter 12 V, 1.7 kW
 Replacing: 0001138002, 0001138001
 Servicing: BMW
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.20 B: 26.00 mm



115399 Starter 12 V, 1.4 kW
 Replacing: 0001138010, 0001138009
 Servicing: Alfa Romeo, Fiat, Jeep, Lancia,
 Opel
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 3.00 mm



115400 Starter 12 V, 1.4 kW
 Replacing: 0001172401, 0001172400,
 0001138012, 0001138011
 Servicing: Alfa Romeo, Citroen, Fiat, Ford,
 Lancia, Peugeot
 B+ M8, Length 230.00, Gear type GR,
 Mount. holes 2 (1)
 A: 64.00 B: 24.00 mm



115401 Starter 12 V, 2.2 kW
 Replacing: 0001142002, 0001142001
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 242.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 52.00 mm



115402 Starter 12 V, 1.8 kW
 Replacing: 0001153010, 0001153009
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 248.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115420 Starter 12 V, 1.7 kW
 Replacing: 0001115054, 0001115053
 Servicing: Chrysler, Jeep
 B+ M8, Length 255.10, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 26.00 mm



115428 Starter 12 V, 1.8 kW
 Replacing: 0001366019, 0001354094,
 0001354026
 Servicing: Various Agriculture Vehicles
 B+ M10, Length 323.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.30 B: 20.60 mm



115440 Starter 24 V, 7.0 kW
 Replacing: 0986025250
 Servicing: MAN
 B+ M10, Length 350.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115444 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 0001108451, 0001108450
 Servicing: Fiat, Suzuki
 B+ M8, Length 215.00, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 4.00 mm



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115464 Starter 24 V, 6.0 kW
 Replacing: 0001330068, 0001330067, 0001330012
 Servicing: Volvo
 B+ M10, B- M10, Length 367.50,
 Gear type GR, Mount. holes 3 (0),
 Insulated return
 Alternative no.: 116044
 A: 89.00 B: 48.00 mm



115470 Starter 12 V, 1.8 kW
 Manufacturer: Bosch
 Replacing: 0001354200, 0001314003, 0001109047
 Servicing: BPM, Goldoni
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116013
 A: 82.50 B: 21.00 mm



115472 Starter 12 V, 2.7 kW
 Replacing: 0001362304, 0001362303
 Servicing: BMW, Deutz-Fahr
 B+ M10, Length 315.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.50 B: 21.20 mm



115500 Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001109042
 Servicing: GAZ
 B+ M8, Length 245.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 115397
 A: 82.50 B: 21.00 mm



115501 Starter 12 V, 2.5 kW
 Manufacturer: Bosch
 Replacing: 0001109300
 Servicing: Citroen, Fiat, Peugeot
 B+ M8x1.25, Length 243.80,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 113935
 A: 82.00 B: 1.00 mm



115502 Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 0001125609
 Servicing: Audi, VW
 B+ M8, Length 235.50, Gear type GR,
 Mount. holes 3 (1)
 Alternative no.: 114775
 A: 76.20 B: 25.00 mm



115503 Starter 12 V, 1.8 kW
 Manufacturer: Bosch
 Replacing: 0001125042
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 111900
 A: 76.00 B: 53.00 mm



115504 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: 0001121028
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 111909
 A: 76.25 B: 32.00 mm



115505 Starter 12 V, 2.3 kW
 Manufacturer: Bosch
 Replacing: 0001109462, 0001109371, 0001109306
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.
 B+ M8, Length 246.00, Gear type GR,
 Mount. holes 3 (3)
 Alternative no.: 112441
 A: 82.00 B: 27.00 mm



115506 Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001109025
 Servicing: BMW, Land Rover
 B+ M8, 30h M5, Length 240.00,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 113446
 A: 76.00 B: 21.00 mm



115507 Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 0001125605
 Servicing: VW
 B+ M8, Length 258.50, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 113678
 A: 76.15 B: 61.60 mm



115508 Starter 12 V, 1.7 kW
 Manufacturer: Bosch
 Replacing: 0001123012
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 246.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 113842
 A: 76.20 B: 52.50 mm



115509 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: 0001261106, 0001261028,
 0001261027, 0001261026
 Servicing: Scania
 B+ M10, Length 325.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 113891
 A: 92.00 B: 48.00 mm



115510 5★ Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001115092, 0001109324
 Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 113959
 A: 89.00 B: 36.00 mm



115511 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: 0001261070, 0001261069, 0001261045,
 0001261044, 0001261013, 0001261012
 Servicing: Bova, DAF, Minelli, Solaris
 B+ M10, Length 324.00, Gear type DD/GR,
 Mount. holes 3 (0)
w/ safety switch.
 Alternative no.: 114073
 A: 110.00 B: 47.00 mm



115512 5★ Starter 12 V, 1.7 kW
 Manufacturer: Bosch
 Replacing: 0001115047
 Servicing: Mercedes-Benz
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 114093
 A: 82.50 B: 26.00 mm



115513 5★ Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 0001231035
 Servicing: MAN
 B+ M10, Length 315.00, Gear type GR,
 Mount. holes 3 (0)
w/ safety switch.
 Alternative no.: 114376
 A: 89.00 B: 29.00 mm



115514 5★ Starter 24 V, 4.0 kW
 Manufacturer: Bosch
 Replacing: 0001231133, 0001231033
 Servicing: Mercedes-Benz
 B+ M10, Length 313.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114523
 A: 89.00 B: 48.50 mm



115515 5★ Starter 12 V, 2.0 kW
 Manufacturer: Bosch
 Replacing: 0001109046, 0001109027
 Servicing: GAZ
 B+ M8, Length 246.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 23.00 mm



115516 5★ Starter 12 V, 2.5 kW
 Manufacturer: Bosch
 Replacing: 0001109430, 0001109429, 0001109335,
 0001109334, 0001109313, 0001109303, 0001109302
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 246.00, Gear type GR,
 Clutch type Dry, Mount. holes 3 (3)
 Alternative no.: 114054
 A: 82.00 B: 23.00 mm



115522 Starter 12 V, 0.7 kW
 Replacing: 0001116009
 Servicing: Nissan
 B+ M8, Length 168.00, Gear type DD,
 Mount. holes 2 (1)
 A: 70.00 B: 6.50 mm



115524 Starter 12 V, 0.85 kW
 Replacing: F000AL0321
 Servicing: Toyota
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 25.50 mm



115535 Starter 12 V, 3.0 kW
 Replacing: 0001367021, 0001359062,
 0001359017
 Servicing: Agrifull, VM (Stabilimenti Mec)
 B+ M10, Length 342.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.40 B: 21.50 mm



115539 5★ Starter 12 V, 2.0 kW
 Manufacturer: Valeo
 Replacing: 0001153006, 0001153005
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116156
 A: 79.00 B: 42.00 mm



115540 Starter 12 V, 1.4 kW
 Replacing: 0001109001
 Servicing: Seat, VW
 B+ M8, 15a 6.30, Length 245.00,
 Gear type GR, Mount. holes 3 (2)
 A: 82.50 B: 14.00 mm



115542 Starter 12 V, 1.1 kW
 Replacing: 0001121033, 0001121032
 Servicing: Seat, Skoda, VW
 B+ M8, Length 214.50, Gear type GR,
 Mount. holes 3 (1)
 A: 82.50 B: 3.00 mm



115558 Starter 12 V, 1.4 kW
 Replacing: 0001172407, 0001172406
 Servicing: BMW
 B+ M8, Length 210.00, Gear type GR,
 Mount. holes 3 (0)
 A: 66.00 B: 5.00 mm



115559 Starter 12 V, 1.4 kW
 Replacing: 0001108466, 0001108445,
 0001108415, 0001107452
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 116054
 A: 66.00 B: 24.00 mm



115560 Starter 12 V, 1.7 kW
 Replacing: 0001179513, 0001179512,
 0001179511, 0001179510, 0001179501,
 0001179500
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 3 (0)
 A: 79.00 B: 62.00 mm



115561 Starter 12 V, 1.7 kW
 Replacing: 0001179519, 0001179518,
 0001179509, 0001179508, 0001179507,
 0001179506
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 225.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 43.00 mm



115562 Starter 12 V, 1.7 kW
 Replacing: 0001138058, 0001138057,
 0001138050, 0001138049
 Servicing: BMW
 B+ M8, Length 228.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.20 B: 26.00 mm



115563 Starter 12 V, 1.4 kW
 Replacing: 0001107479, 0001107478
 Servicing: Alfa Romeo
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 4.00 mm



115567 Starter 12 V, 2.4 kW
 Replacing: 0001362100
 Servicing: Nissan
 B+ M10, Length 294.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 30.00 mm



115570 Starter 12 V, 1.4 kW
 Replacing: 0001138030, 0001138029
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 2 (1)
 A: 64.00 B: 24.00 mm



115588 Starter 12 V, 2.2 kW
 Replacing: 0001109398, 0001109397,
 0001109380, 0001109379
 Servicing: Volvo
 B+ M8, Length 245.00, Gear type GR,
 Mount. holes 3 (2)
 A: 76.20 B: 0.00 mm



115589 Starter 12 V, 1.7 kW
 Replacing: 0001152411, 0001152410,
 0001152400
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 53.00 mm



115590 Starter 24 V, 9.0 kW
 Replacing: 0001510003
 Servicing: Various Agriculture Vehicles, Various Industrial applications
 B+ M12, B- M12, Length 458.00, Gear type DD, Mount. holes 0 (0), Insulated return
 A: 68.00 B: 37.50 mm



115594 Starter 12 V, 2.2 kW
 Replacing: F004A94011, F000AL0153, F000AL0111
 Servicing: Toyota
 B+ M8, Length 250.50, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 18.00 mm



115607 Starter 12 V, 1.7 kW
 Replacing: 0001153511, 0001153510
 Servicing: Mercedes-Benz
 B+ M8, Length 247.50, Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 53.00 mm



115609 Starter 12 V, 3.0 kW
 Replacing: 0001230002
 Servicing: John Deere
 B+ M10, Length 315.50, Gear type GR, Mount. holes 3 (0)
 Direct Drive Starter: HC-CARGO 112442.
 A: 89.00 B: 48.00 mm

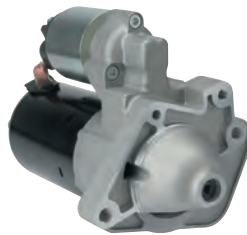


115610 Starter 12 V, 2.0 kW
 Replacing: 0001153002, 0001153001
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



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115623* Starter 24 V, 4.0 kW
 Replacing: 0001368074, 0001368063, 0001368017, 0001360061
 Servicing: Volvo
 B+ M10, Length 340.00, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



115624 Starter 12 V, 1.2 kW
 Replacing: 0001136008, 0001136007
 Servicing: Renault
 B+ M8, Length 214.50, Gear type GR, Mount. holes 3 (3)
 A: 64.00 B: 0.20 mm



115635 Starter 12 V, 1.7 kW
 Replacing: 0001115110, 0001115083, 0001115082, 0001115056
 Servicing: Audi
 B+ M8, Length 248.50, Gear type GR, Mount. holes 2 (1)
 A: 66.00 B: 23.50 mm



115636 Starter 12 V, 1.7 kW
 Manufacturer: Bosch
 Replacing: 0001139076, 0001139075, 0001139020, 0001139019
 Servicing: Audi
 B+ M8, Length 248.00, Gear type GR, Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115638 Starter 12 V, 1.7 kW
 Replacing: 0001123045, 0001123044
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 243.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 42.00 mm



115646 Starter 12 V, 1.1 kW
 Replacing: 0001137006, 0001137005
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 205.00, Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 18.00 mm



115696 Starter 12 V, 1.1 kW
 Replacing: 0001177009, 0001177008, 0001177007, 0001177006, 0001177001, 0001177000
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 218.00, Gear type GR, Mount. holes 3 (0)
 A: 79.00 B: 62.00 mm



115697 Starter 12 V, 1.8 kW
 Replacing: 0001109028
 Servicing: Ruggerini
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.20 B: 28.00 mm



115698 Starter 12 V, 1.1 kW
 Replacing: 0001107477, 0001107476
 Servicing: Renault
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 4 (3)
 A: 66.00 B: 0.00 mm



115717 Starter 12 V, 1.7 kW
 Replacing: 0001139006, 0001139005
 Servicing: Alfa Romeo, Fiat, Jeep
 B+ M8, Length 244.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.00 B: 4.00 mm



115719 Starter 12 V, 1.1 kW
 Replacing: 0001107493, 0001107492
 Servicing: Opel, Vauxhall
 B+ M8, Length 199.50, Gear type GR,
 Mount. holes 2 (0)
 A: 68.00 B: 19.00 mm



115732 Starter 12 V, 1.7 kW
 Replacing: 0001115089, 0001115088
 Servicing: Ford
 B+ M8, Length 253.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 18.00 mm



115733 Starter 12 V, 1.7 kW
 Replacing: 0001138068, 0001138067,
 0001138014, 0001138013
 Servicing: Audi
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115734 Starter 12 V, 2.0 kW
 Replacing: 0001147403, 0001147402
 Servicing: Mercedes-Benz
 B+ M8, Length 248.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



115735 Starter 12 V, 2.0 kW
 Replacing: 0001139074, 0001139073,
 0001139042, 0001139041
 Servicing: Audi
 B+ M8, Length 247.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115736 Starter 12 V, 1.7 kW
 Replacing: 0001153020, 0001153019,
 0001153014, 0001153013
 Servicing: VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.10 B: 12.40 mm



115756 Starter 24 V, 7.0 kW
 Replacing: 0001330060
 Servicing: Renault V.I.
 B+ M12, B- M12, Length 389.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115768 Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 0001148004, 0001148003
 Servicing: Opel, Vauxhall
 B+ M8, Length 235.50, Gear type GR,
 Mount. holes 3 (0)
 A: 82.00 B: 5.00 mm



115770 Starter 12 V, 1.1 kW
 Replacing: 0001107462, 0001107461
 Servicing: Mercedes-Benz
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 26.00 mm



115771 5★ Starter 12 V
 Manufacturer: Bosch
 Replacing: 0001138016, 0001138015
 Servicing: Mercedes-Benz
 B+ M8, B- M8, Length 226.00,
 Mount. holes 2 (2)
 A: 70.00 B: 25.50 mm



115816 Starter 12 V, 1.4 kW
 Replacing: 0001115035, 0001109009,
 0001108210
 Servicing: Lombardini
 B+ M8, Length 247.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm



115818 Starter 12 V, 1.1 kW
 Replacing: 0001179515, 0001179514,
 0001179503, 0001179502
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 3 (0)
 A: 79.00 B: 52.00 mm



115825 Starter 12 V, 1.1 kW
 Replacing: 0001107460, 0001107459
 Servicing: Mercedes-Benz, Mercedes-Benz
 (BBDC)
 B+ M8, Length 221.50, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 27.00 mm



115840 Starter 24 V, 5.5 kW
 Replacing: 0001241128
 Servicing: Mercedes-Benz
 B+ M10, Length 326.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 49.00 mm



115877 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: 0001261041
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 344.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114193
 A: 89.00 B: 47.50 mm



115884 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: 0001261049
 Servicing: Volvo
 B+ M10, B- M10, Length 342.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113830
 A: 92.00 B: 48.00 mm



115885 5★ Starter 24 V, 7.5 kW
 Manufacturer: Mitsubishi
 Replacing: 0001330050
 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 113851
 A: 92.00 B: 47.50 mm



115888 5★ Starter 24 V, 7.0 kW
 Manufacturer: Mitsubishi
 Replacing: 0001330057
 Servicing: Volvo
 B+ M12, B- M12, Length 380.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114310
 A: 92.00 B: 47.50 mm



115892 5★ Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: 0001241021, 0001241009,
 0001241005
 Servicing: MAN
 B+ M10, Length 324.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114031
 A: 92.00 B: 48.00 mm



115900 Starter 12 V, 1.1 kW
 Replacing: 0001121436, 0001121435
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 42.50 mm



115938 Starter 12 V, 2.2 kW
 Replacing: 0001109261, 0001109260
 Servicing: Audi
 B+ M8, Length 252.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.20 B: 25.00 mm



115939 Starter 12 V, 2.2 kW
 Replacing: 0001109263, 0001109262
 Servicing: Mercedes-Benz
 B+ M8, Length 256.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 27.00 mm



115940 Starter 12 V, 1.8 kW
 Replacing: 0001109057
 Servicing: BMW
 B+ M8, 30h M5, Length 245.00,
 Gear type GR, Mount. holes 2 (2)
 A: 76.00 B: 21.00 mm



115941 Starter 12 V, 3.0 kW
 Replacing: 0001230029, 0001230028,
 0001230016, 0001230015
 Servicing: VW
 B+ M10, Length 335.00, Gear type GR,
 Mount. holes 2 (1)
 A: 82.50 B: 87.00 mm



115942 Starter 12 V, 1.1 kW
 Replacing: 0001121003
 Servicing: Porsche
 B+ M8, Length 211.50, Gear type GR,
 Mount. holes 2 (0)
 A: 76.20 B: 53.00 mm



115943 Starter 12 V, 1.1 kW
 Replacing: 0001121428, 0001121427,
 0001121423, 0001121422
 Servicing: Land Rover
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (0)
 A: 56.00 B: -7.00 mm



115944 Starter 12 V, 1.7 kW
 Replacing: 0001179523, 0001179522,
 0001179517, 0001179516, 0001179505,
 0001179504
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 62.00 mm



115945 Starter 12 V, 1.4 kW
 Replacing: 0001177011, 0001177010,
 0001177002
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 217.50, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 56.00 mm



115946 Starter 12 V, 1.2 kW
 Replacing: 0001107422, 0001107421
 Servicing: Audi
 B+ M8, Length 206.00, Gear type GR,
 Mount. holes 2 (1)
 A: 82.50 B: 27.00 mm



115948 Starter 12 V, 2.2 kW
 Replacing: 0001109422, 0001109421,
 0001109362, 0001109361, 0001109316,
 0001109315
 Servicing: Audi, Porsche
 B+ M8, Length 249.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 24.00 mm



115961 Starter 12 V, 1.1 kW
 Replacing: 0001107447, 0001107446
 Servicing: Audi
 B+ M8, Length 205.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 14.00 mm



115962 Starter 12 V, 1.7 kW
 Replacing: 0001138062, 0001138061,
 0001138054, 0001138053
 Servicing: BMW
 B+ M8, Length 226.50, Gear type GR,
 Mount. holes 3 (1)
 A: 60.00 B: 14.00 mm



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115979 Starter 12 V, 2.8 kW
 Replacing: 9000331423, 9000331417,
 0001218812
 Servicing: Nissan
 Gear type GR, Mount. holes 3 (0)
 w_____



115986 Starter 12 V, 2.5 kW
 Replacing: 0001139024, 0001139023
 Servicing: Citroen, Ford, Peugeot
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 35.00 mm



115996 Starter 12 V, 1.4 kW
 Replacing: 0001108238, 0001108237
 Servicing: Audi
 B+ M8, Length 226.00, Gear type GR,
 Mount. holes 3 (2)
 A: 74.00 B: 24.00 mm



115997 Starter 12 V, 1.4 kW
 Replacing: 0001138040, 0001138039
 Servicing: Mini
 B+ M8, Length 230.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 26.00 mm



115998 Starter 12 V, 1.8 kW
 Replacing: 0001139038, 0001139037
 Servicing: Porsche
 B+ M8, Length 249.50, Gear type GR,
 Mount. holes 2 (0)
 A: 68.00 B: 36.00 mm



115999 Starter 12 V, 1.4 kW
 Replacing: 0001170201, 0001170200
 Servicing: BMW, Mini
 B+ M8, Length 206.00, Gear type GR,
 Mount. holes 3 (0)
 A: 66.00 B: 1.00 mm



116001 Starter 12 V, 2.0 kW
 Replacing: 0001148020, 0001148019
 Servicing: BMW
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 3 (0)
 A: 69.00 B: 6.00 mm



116002 Starter 12 V, 1.7 kW
 Replacing: 0001147405, 0001147404
 Servicing: Mercedes-Benz
 B+ M8, Length 247.50, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



116013 Starter 12 V, 1.8 kW
 Replacing: 0001354200, 0001314003,
 0001109047
 Servicing: BPM, Goldoni
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 115470
 A: 82.50 B: 21.00 mm



116024 Starter 12 V, 1.1 kW
 Replacing: 0001137004, 0001137003
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 216.50, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 20.00 mm



116026 Starter 12 V, 1.4 kW
 Replacing: 0001138056, 0001138055
 Servicing: Hyundai, Kia
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 22.00 mm



116039 Starter 12 V, 1.7 kW
 Replacing: 0001123003, 0001123002
 Servicing: Audi, Porsche, VW
 B+ M8, Length 232.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.20 B: 9.00 mm



116040 Starter 24 V, 4.0 kW
 Replacing: 0001368028, 0001360056
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116041 Starter 24 V, 4.0 kW
 Replacing: 9000143304, 0001368060
 Servicing: Nissan
 B+ M10, Length 341.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 30.00 mm



116044 5★ Starter 24 V, 6.0 kW
 Manufacturer: Bosch
 Replacing: 0001330068, 0001330067, 0001330012
 Servicing: Various Agriculture Vehicles,
 Volvo, Volvo BM
 B+ M10, B- M10, Length 367.00,
 Gear type GR, Mount. holes 3 (0),
 Insulated return
 Alternative no.: 115464
 A: 89.00 B: 48.00 mm



116045 Starter 12 V, 1.4 kW
 Replacing: 0001108421, 0001108420
 Servicing: Alfa Romeo, Fiat, Lancia, Opel
 B+ M8, Length 215.50, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 4.00 mm



116054 5★ Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 0001108466, 0001108445,
 0001108415, 0001107452
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 115559
 A: 66.00 B: 24.00 mm



116059 5★ Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 0001148509, 0001148508,
 0001148033, 0001148026, 0001148010,
 0001148009, 0001139016, 0001139015
 Servicing: BMW
 B+ M8, Length 242.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115335
 A: 69.00 B: 18.50 mm



116065 Starter 12 V, 2.2 kW
 Replacing: 0001139032, 0001139031
 Servicing: Ford
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 18.00 mm



116077 Starter 12 V, 3.0 kW
 Replacing: 0001262032, 0001262031
 Servicing: Same
 B+ M10, Length 316.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



116082 Starter 12 V, 1.7 kW
 Replacing: 0001109404, 0001109403
 Servicing: Chrysler, Jeep, Lancia
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 21.00 mm



116083 Starter 12 V, 1.8 kW
 Replacing: 0001149417, 0001149416,
 0001149415, 0001149414, 0001149405,
 0001149404
 Servicing: Mercedes-Benz
 B+ M8, Length 266.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



116084 Starter 12 V, 1.8 kW
 Replacing: 0001149413, 0001149412
 Servicing: Mercedes-Benz
 B+ M8, Length 265.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 28.00 mm



116102 Starter 12 V, 1.1 kW
 Replacing: F002G20917
 Servicing: Suzuki
 B+ M8, Length 199.00, Gear type GR,
 Clutch type Dry, Mount. holes 2 (1)
 A: 64.00 B: 25.00 mm



116128 5★ Starter 12 V, 3.2 kW
 Manufacturer: Iskra/Mahle
 Replacing: 0001223002, 0001218772,
 0001218172, 0001109370
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 287.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



116132 Starter 24 V, 4.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 0001231018, 0001101110
 Servicing: Deutz-Fahr
 B+ M10, Length 324.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 114220
 A: 82.50 B: 23.00 mm



116135 Starter 24 V, 4.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 0001231119, 0001231030,
 0001231019, 0001231007
 Servicing: Fendt, MAN
 B+ M10, Length 321.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 112446
 A: 89.00 B: 28.00 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 26025155A, 0001367004,
 0001362313, 0001362311, 0001362305,
 0001362091, 0001362034, 0001362016
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Alternative no.: 110536, 116086 , 116312
 A: 89.00 B: 28.00 mm



116156 Starter 12 V, 2.0 kW
 Replacing: 0001153006, 0001153005
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 115539
 A: 79.00 B: 42.00 mm



NEW PRODUCT
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116248* Starter 12 V, 2.2 kW
 Replacing: 0001123041
 Servicing: VW



116259 Starter 12 V, 2.1 kW
 Replacing: 0001147425, 0001147424
 Servicing: BMW
 B+ M8, Length 228.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.20 B: 26.00 mm

NEW PRODUCT
www.hc-cargo.com

116261* Starter 12 V
 Replacing: 0001174405, 0001174404



NEW PRODUCT
www.hc-cargo.com

116306 Starter 12 V, 1.2 kW
 Replacing: F000AL0327, 0001112041,
 0001112029, 0001112019, 0001112007
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Remanufactured unit. No surcharge.
 Alternative no.: 110584
 B: -6.00 mm



116312 Starter 12 V, 2.7 kW
 Replacing: 0001362305, 0001362091,
 0001362034, 0001362016, 0001359078,
 0001359073, 0001359049, 0001359046
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 293.00, Gear type DD,
 Mount. holes 3 (0)
 Bosch Type.
 Alternative no.: 116086 , 116139
 A: 89.00 B: 28.00 mm



NEW PRODUCT
www.hc-cargo.com

116320* Starter 12 V, 2.7 kW
 Replacing: 0001358033
 Servicing: Bomag, Fendt, KHD, Mercedes-Benz
 B+ M10, Length 338.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



NEW PRODUCT
www.hc-cargo.com

116327 Starter 12 V, 2.2 kW
 Replacing: 0001218741, 0001218141
 Servicing: 0001218141, Citroen, Fiat
 B+ M8, Length 274.00, Gear type GR,
 Mount. holes 3 (3)
 Alternative no.: 111421
 A: 82.00 B: 29.00 mm



NEW PRODUCT
www.hc-cargo.com

116333* Starter 12 V, 1.5 kW
 Replacing: 0001314047, 0001109363
 Servicing: Hatz
 B+ M8, Length 265.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 112040
 A: 82.50 B: 40.00 mm



NEW PRODUCT
www.hc-cargo.com

116335* Starter 12 V, 2.0 kW
 Replacing: 0001125052, 0001125051, 0001125022, 0001125021
 Servicing: Seat, Skoda, VW
 B+ M8, Length 234.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 112438
 A: 76.00 B: 52.00 mm



NEW PRODUCT
www.hc-cargo.com

116336* Starter 12 V, 1.1 kW
 Replacing: 0001107111, 0001107110, 0001107109, 0001107097, 0001107091
 Servicing: Fiat, Lancia
 B+ M8, Length 210.00, Gear type GR, Mount. holes 3 (2)
 Alternative no.: 112445
 A: 66.00 B: 12.00 mm



NEW PRODUCT
www.hc-cargo.com

116340* Starter 12 V, 2.0 kW
 Replacing: 0001125047, 0001125046, 0001125017, 0001125016
 Servicing: VW
 B+ M8, Length 255.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 112444
 A: 76.00 B: 62.00 mm



NEW PRODUCT
www.hc-cargo.com

116342* Starter 12 V, 1.4 kW
 Replacing: 0001108245, 0001108196
 Servicing: BMW
 B+ M8, 15a M5, Length 229.00, Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113292
 A: 76.00 B: 26.00 mm



NEW PRODUCT
www.hc-cargo.com

116344* Starter 12 V, 1.4 kW
 Replacing: 0001108221, 0001108220, 0001108175, 0001108174
 Servicing: Audi, Skoda, VW
 B+ M8, Length 231.00, Gear type GR, Mount. holes 2 (1)
 Alternative no.: 111769
 A: 82.50 B: 27.00 mm



NEW PRODUCT
www.hc-cargo.com

116346* Starter 24 V, 4.0 kW
 Replacing: 0001368313, 0001364400, 0001231041, 0001231013
 Servicing: DAF
 Alternative no.: 112055



NEW PRODUCT
www.hc-cargo.com

116347* Starter 24 V, 4.0 kW
 Replacing: 0001231010
 Servicing: Iveco
 Alternative no.: 113183



116369 Starter 12 V, 2.7 kW
 Replacing: 0001109406, 0001109405
 Servicing: New Holland
 B+ M8, Length 246.00, Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm

NEW PRODUCT
www.hc-cargo.com

116378* Starter 24 V, 6.0 kW
 Manufacturer: Bosch
 Replacing: 0001261087, 0001261072, 0001261071, 0001261047, 0001261046
 Servicing: DAF, Solaris, Temsa, Van Hool
 Gear type GR, Mount. holes 3 (0)



NEW PRODUCT
www.hc-cargo.com

116446* Starter 12 V, 2.5 kW
 Replacing: F002G20658
 Servicing: John Deere
 Mount. holes 2 (0)



NEW PRODUCT
www.hc-cargo.com

116477* Starter 12 V, 1.4 kW
 Replacing: 0001108410, 0001108409, 0001108404, 0001108403, 0001108250, 0001108197
 B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 113282
 A: 60.00 B: 25.80 mm



110634 Starter 12 V, 0.65 kW
 Replacing: 693054, 497595, 497594, 491766, 453303, 394805, 392749, 391423, 390838
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 170.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 3 (0)



110635 Starter 12 V, 0.5 kW
 Replacing: 497596, 435307, 394808, 394674, 393017
 Servicing: Briggs & Stratton, Various Agriculture Vehicles
 B+ M6, Length 169.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 B: 15.60 mm



111804 Starter 12 V, 0.6 kW
 Replacing: 396306, 394807, 391178
 Servicing: Toro, Various Agriculture Vehicles
 B+ 1/4" UNC, Length 182.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 2 (0)
 B: 50.00 mm



112242 Starter 12 V, 0.6 kW
 Replacing: 498148, 495100, 399928
 Servicing: Briggs & Stratton, Various Agriculture Vehicles
 B+ M6, Length 182.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 B: 10.00 mm



112563 Starter 12 V, 0.8 kW
 Replacing: 795121, 691262, 499529, 499521, 497401, 495920, 494990, 494900, 494490, 494198, 494148, 490420
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 182.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 2 (0)



113539 Starter 12 V
 Replacing: 844717, 808106, 693469, 691564
 Servicing: Briggs & Stratton, John Deere
 B+ 1/4" UNC, Length 185.70,
 Drive type Bronze, Gear type DD,
 Clutch type Dry, Mount. holes 2 (0)
 B: 11.50 mm



113853 Starter 12 V, 0.5 kW
 Replacing: 693551
 Servicing: Briggs & Stratton, Cub Cadet, John Deere
 B+ 1/4" UNC, Length 170.00,
 Drive type Bronze, Gear type DD,
 Mount. holes 3 (0)
 B: 13.00 mm



114517 Starter 12 V
 Replacing: 498149
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 169.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 2 (0)
 B: 12.00 mm



114519 Starter 12 V, 1.0 kW
 Replacing: 693552
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 182.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 B: 13.00 mm



114520 Starter 12 V
 Replacing: 490753
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 235.00,
 Drive type Plastic, Gear type DD,
 Mount. holes 3 (1)
 B: 48.00 mm



114716 Starter 12 V
 Replacing: 809054, 807383
 Servicing: Briggs & Stratton
 B+ M8, Length 208.00, Gear type DD,
 Mount. holes 2 (0)
 A: 70.00 B: 32.50 mm



115425 Starter 12 V, 1.3 kW
 Replacing: 825222
 Servicing: Cub Cadet
 B+ M8, Length 180.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 20.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

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115469 Starter 12 V, 0.7 kW
 Replacing: 715208
 Servicing: Briggs & Stratton, Various
 Agriculture Vehicles, Various Industrial
 applications
 B+ M6, Length 185.50, Gear type PMDD,
 Mount. holes 2 (0)
 A: 55.00 B: 20.50 mm



115591 Starter 12 V
 Replacing: 694504
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 170.00,
 Gear type DD, Mount. holes 2 (0)
 B: 17.00 mm



115592 Starter 12 V, 0.6 kW
 Replacing: 695479
 Servicing: Briggs & Stratton
 B+ M6, Length 170.00, Gear type DD,
 Mount. holes 2 (0)
 B: 20.00 mm



115755 Starter 12 V, 1.2 kW
 Replacing: 825700
 Servicing: Kawasaki
 B+ M8, Length 180.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 20.00 mm



111398 Starter 12 V, 1.2 kW

Manufacturer: Mahle Letrika

Replacing: 612A1650, 61201650

Servicing: BUKH

B+ M8, Length 215.00, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

OE unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).

A: 82.00 B: 21.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: 860500, 858881, 857466
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: 860508, 857470
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 110207
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110208 Starter 24 V, 5.4 kW
 Replacing: 860504, 860121
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,
 Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Waterproof
 A: 89.00 B: 48.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 860506, 860132, 857468
 Servicing: Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110214 Starter 24 V, 6.6 kW
 Replacing: 860548
 Servicing: Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 37.00 mm



110347 Starter 24 V, 7.5 kW
 Replacing: MS7-410C
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco
 B+ 1/2" UNC, B- 1/2" UNC, Length 522.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated return
 Replacing: 50MT.
 A: 92.00 B: 47.00 mm



110442 Starter 12 V, 2.1 kW
 Replacing: 859883
 Servicing: Balkancar, Conveyancer, Massey
 Ferguson, Matbro
 B+ M8, Length 309.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.90 B: 30.00 mm



110449 Starter 12 V, 3.6 kW
 Manufacturer: Prestolite
 Replacing: 870644
 Servicing: Caterpillar, Dronningborg, Hyster,
 Massey Ferguson, Perkins
 B+ M8, Length 370.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116326
 A: 88.90 B: 48.75 mm



110517 Starter 24 V, 3.2 kW
 Replacing: 860104
 Servicing: BENFRA, Fiat-Allis, Iveco
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: LNS4524/20, 859542
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110523 Starter 24 V, 4.8 kW
 Replacing: LNS4524/17, 859539
 Servicing: ABG, Ahlmann, Case, Compair,
 Iveco, KHD, Payloader
 B+ M10, Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



110524 Starter 24 V, 4.0 kW
 Replacing: LNS4524/15, 859537, 858780
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW
 Replacing: 860130, 860109
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110527 Starter 24 V, 4.0 kW
 Replacing: LNS4524/13, 859535, 857472
 Servicing: Scania, Steyr
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
Not Insulated return.
 A: 89.00 B: 46.50 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 860655, 860115
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110538 Starter 12 V, 3.6 kW
 Replacing: 860542
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 89.00 B: 47.00 mm



110566 Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: 870660, 870648
 Servicing: Perkins
 B+ M8, Length 371.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.75 mm



110582 Starter 24 V, 5.4 kW
 Replacing: 860516, 860125
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110590 Starter 12 V, 2.8 kW
 Replacing: LNS2830
 Servicing: Bobcat, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Waterproof
 Replacing: 22MT, 27MT, 28MT.
 A: 88.90 B: 46.00 mm



110602 Starter 12 V, 2.8 kW
 Replacing: LNS2820
 Servicing: Bobcat, Clark, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 22MT, 28MT.
 A: 89.00 B: 46.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: 860512, 860110, 858878
 Servicing: Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110981 Starter 24 V, 5.4 kW
 Replacing: 860509, 859021
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 110.00 B: 47.50 mm



111000 Starter 24 V, 6.5 kW
 Replacing: MS1A/25, MS1A/20, MS1/411AZ,
 MS1/401A, MS1-403A, MS1-401C, MS1-401A,
 MS1-401, MS1-124, MS1-103
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis
 B+ 1/2" UNC, B- 1/2" UNC, Length 497.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated return
 Replacing: 42MT. w/ rotating D.E. Bracket.
 A: 92.00 B: 46.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111041 Starter 12 V, 2.8 kW
 Replacing: LNS2810
 Servicing: Fiat-Allis, Hyster, Perkins
 B+ M10, Length 338.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 22MT, 27MT, 28MT.
 A: 88.85 B: 46.25 mm



111097 Starter 24 V, 5.5 kW
 Manufacturer: Prestolite
 Replacing: MS4/406, MS4-406, LNS4524/7,
 LNS4524/4, 870663, 870655, 859432, 859422
 Servicing: Komatsu, Perkins
 B+ M10, 15a M5, Length 374.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed,
 Insulated return
 A: 88.90 B: 30.35 mm



111100 Starter 12 V, 0.7 kW
 Replacing: MS1/453
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 860123
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 89.00 B: 40.25 mm



111399 Starter 24 V, 4.0 kW
 Replacing: LNS4524/9, 859506, 859022
 Servicing: DAF
 B+ M10, B- M8, Length 352.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 38.00 mm



111574 Starter 12 V, 2.8 kW
 Replacing: 858762
 Servicing: ERF, LDV International, Various
 Agriculture Vehicles
 B+ M8, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.75 B: 47.15 mm



111638 Starter 24 V, 4.0 kW
 Replacing: LNS4524/12, 859534
 Servicing: Volvo
 B+ M10, B- M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111640 Starter 24 V, 4.0 kW
 Replacing: LNS4524/16, 859538, 858318
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111760 Starter 24 V, 4.5 kW
 Replacing: 860318
 Servicing: Case, Cummins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 7MT, 28MT.
 A: 89.00 B: 45.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: 860305
 Servicing: Scania
 B+ M12, B- M10, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111982 Starter 24 V, 4.0 kW
 Replacing: 860321
 Servicing: Mercedes-Benz
 B+ M10, Length 342.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.75 B: 45.00 mm



112055 Starter 24 V, 5.2 kW
 Manufacturer: Bosch
 Replacing: 860304
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112090 Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: 870653
 Servicing: Ford
 B+ M8, 15a M5, Length 371.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated
 return
 A: 92.00 B: 20.50 mm



112091 Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: 870658, 870649
 Servicing: Perkins
 B+ M8, 15a M5, Length 371.55,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated
 return
 A: 89.00 B: 47.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: 860511
 Servicing: Volvo
 B+ M12, B- M12, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 47.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: 860505, 858879
 Servicing: Scania
 B+ M10, B- M10, Length 406.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112267 Starter 12 V, 2.5 kW
 Replacing: LNS2800
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



112446 Starter 24 V, 4.0 kW
 Replacing: 860818
 Servicing: MAN
 B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Bosch DD HC-CARGO 113468.
 Alternative no.: 116135
 A: 89.00 B: 27.45 mm



112507 Starter 24 V, 5.4 kW
 Replacing: 860520
 Servicing: Volvo, Volvo Penta
 B+ M10, B- M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 BOSCH OE 0001414022/0001416026 IS OIL-
 SEALED. HC-CARGO 112507 IS NOT!
 A: 89.00 B: 51.00 mm



113380 Starter 12 V, 2.8 kW
 Replacing: 860106
 Servicing: Ford
 B+ M8, B- M8, Length 311.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 Terminal 50 is where the wire needs to be
 soldered.
 A: 91.80 B: 20.00 mm



113389 Starter 12 V, 2.2 kW
 Replacing: 860100
 Servicing: Mercedes-Benz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.40 B: 25.00 mm



113453 Starter 24 V, 6.5 kW
 Manufacturer: Prestolite
 Replacing: 870640, 870604
 Servicing: Iveco
 B+ M10, 15a M5-6.30, Length 370.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0), Oil
 sealed, Insulated return
 A: 110.00 B: 26.80 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 860103
 Servicing: Renault V.I.
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



114193 Starter 24 V, 5.5 kW
 Replacing: 860822
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115877
 A: 89.00 B: 48.00 mm



114387 Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 860714
 Servicing: JCB, Perkins
 B+ M8, B- M8, Length 299.00,
 Gear type DD/GR, Mount. holes 3 (0)
Iskra version.
 Alternative no.: 116307
 A: 89.00 B: 28.85 mm



116307 Starter 12 V, 3.2 kW
 Replacing: 860714
 Servicing: JCB, Perkins
 B+ M8, B- M8, Length 299.00,
 Gear type DD/GR, Mount. holes 3 (0)
Iskra version.
 Alternative no.: 114387
 A: 89.00 B: 28.85 mm



115877 Starter 24 V, 5.5 kW
 Manufacturer: Bosch
 Replacing: 860822
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 344.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114193
 A: 89.00 B: 47.50 mm



116346* Starter 24 V, 4.0 kW
 Replacing: 860304
 Servicing: DAF
 Alternative no.: 112055



116135 Starter 24 V, 4.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 860818
 Servicing: Fendt, MAN
 B+ M10, Length 321.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 112446
 A: 89.00 B: 28.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: S130L24-21, 2311210
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: S115HD24-1, 2998011, 1403000
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW
 Replacing: S115A24-21, 2998008, 1327A601,
 1327A600
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110209 Starter 24 V, 5.4 kW
 Replacing: 2998009
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 2998010
 Servicing: Fiat-Allis, Kässbohrer, MAN, Mercedes-
 Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110214 Starter 24 V, 6.6 kW
 Replacing: 2998006
 Servicing: Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 37.00 mm



110347 Starter 24 V, 7.5 kW
 Replacing: 2311040
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco
 B+ 1/2" UNC, B- 1/2" UNC, Length 522.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated return
 Replacing: 50MT.
 A: 92.00 B: 47.00 mm



110449 Starter 12 V, 3.6 kW
 Manufacturer: Prestolite
 Replacing: Z1320F515, S115A12-1,
 CA45H12-2, CA45G12-51A, CA45G12-51,
 CA45G12-2M, CA45G12-2, CA45F12-Y81
 Servicing: Caterpillar, Dronningborg, Hyster,
 Massey Ferguson, Perkins
 B+ M8, Length 370.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116326
 A: 88.90 B: 48.75 mm



110450 Starter 12 V, 3.6 kW
 Manufacturer: Prestolite
 Replacing: S115A12-3M, S11512-3M,
 S1115A12-3, CA45H12-3M, CA45G12-3M,
 CA45G12-3, CA45F12-Y3M, CA45F12-3M
 Servicing: Perkins
 B+ M8, B- M8, 15a M4, Length 370.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated
 return
 A: 88.80 B: 47.50 mm



110518 Starter 24 V, 4.0 kW
 Replacing: 2998201
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110524 Starter 24 V, 4.0 kW
 Replacing: 2998001
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW
 Replacing: 2998000
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110527 Starter 24 V, 4.0 kW

Replacing: CA45F24-Y78, 2998004, 2996101, 1321F904, 1321F780, 1321780

Servicing: Scania, Steyr

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0) Not Insulated return.

A: 89.00 B: 46.50 mm



110529 Starter 12 V, 3.0 kW

Replacing: 2998200

Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 30.00 mm



110531 Starter 24 V, 6.6 kW

Replacing: 2998007

Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz

B+ M12, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)

A: 56.00 B: 37.00 mm



110566 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: S115A24-2, S115A24-1, S11524-2, S11524-1, CA45H24-2, CA45G24-2, CA45F24-Y2, CA45F24-47, CA45F24-2

Servicing: Perkins

B+ M8, Length 371.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.75 mm



111000 Starter 24 V, 6.5 kW

Replacing: 2998150

Servicing: Caterpillar, Clark, Cummins, Fiat-Allis

B+ 1/2" UNC, B- 1/2" UNC, Length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Insulated return

Replacing: 42MT. w/ rotating D.E. Bracket.

A: 92.00 B: 46.00 mm



111097 5★ Starter 24 V, 5.5 kW

Manufacturer: Prestolite

Replacing: S115A24-8, S115A24-7, S115A24-29, S115A24-23, S115A24-20, S11524-8, S11524-7X, S11524-7, S11524-23X

Servicing: Komatsu, Perkins

B+ M10, 15a M5, Length 374.50,

Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Insulated return

A: 88.90 B: 30.35 mm



111638 Starter 24 V, 4.0 kW

Replacing: 2998002

Servicing: Volvo

B+ M10, B- M10, Length 334.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)

A: 89.00 B: 47.70 mm



112090 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: S115A24-4M, S11524-4M, CA45G24-55M, CA45G24-124M, CA45F24-55M, CA45F24-55, CA45D24-55M, CA45D24-55

Servicing: Ford

B+ M8, 15a M5, Length 371.50,

Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Insulated return

A: 92.00 B: 20.50 mm



112091 5★ Starter 24 V, 5.2 kW

Manufacturer: Prestolite

Replacing: S115A24-3M, S11524-3M, CA45H24-3M, CA45G24-3M, CA45G24-3, CA45F24Y55M, CA45F24-Y55M, CA45F24-Y3

Servicing: Perkins

B+ M8, 15a M5, Length 371.55,

Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed, Insulated return

A: 89.00 B: 47.00 mm



112372 5★ Starter 24 V, 7.8 kW

Manufacturer: Prestolite

Replacing: S115A24-11M, CA45H24-125M, CA45G24-125M, CA45F24-125M, 1327A501, 1327A500, 1321H936, 1321G936

Servicing: Cummins

B+ M8, Length 366.00, Drive type Steel,

Gear type DD, Clutch type Dry, Mount. holes 3 (0), Insulated return

A: 89.00 B: 48.00 mm



113453 5★ Starter 24 V, 6.5 kW

Manufacturer: Prestolite

Replacing: S115A24-30M, CA45G24-12M, CA45G24-121M, CA45G24-121, CA45F24-121, 1327A691, 1327A690, 1321G938

Servicing: Iveco

B+ M10, 15a M5-6.30, Length 370.50,

Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed, Insulated return

A: 110.00 B: 26.80 mm



110223 Starter 12 V, 1.1 kW
 Replacing: 4091975, 3755900, 3755259, 3656650, 3656575, 2875560, 2098500, 2095150
 Servicing: Chrysler, Dodge, Plymouth
 B+ 5/16" UNC, Length 283.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 A: 71.40 B: 23.50 mm



110231 Starter 12 V
 Replacing: 3131372, 3131371
 Servicing: American Motors, Jeep
 B+ 1/4" UNC, Length 265.50,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (1)
 A: 82.50 B: 16.50 mm



110509 Starter 12 V, 1.4 kW
 Replacing: 3182774
 Servicing: American Motors, Jeep
 B+ M8, Length 265.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)
 A: 82.50 B: 17.00 mm



110636 Starter 12 V, 0.6 kW
 Replacing: 616955, 480955
 Servicing: Chrysler
 B+ 1/4" UNC, Length 262.00,
 Drive type Bronze, Gear type DD,
 Mount. holes 2 (2)
 A: 63.30 B: 64.00 mm



111349 Starter 12 V, 1.2 kW
 Replacing: 56041021AD, 56041014,
 56041012AE, 56041012AB, 56041012,
 56027317, 56021012AB, 54041012AC, 33002709
 Servicing: Jeep
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 82.40 B: 5.50 mm



111490 Starter 12 V, 1.4 kW
 Replacing: 56027350
 Servicing: Eagle, Jeep
 B+ M8, Length 245.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 11.00 mm



111492 Starter 12 V, 1.4 kW
 Replacing: 5334509, 5234509, 4686109,
 4686045, 4557709
 Servicing: Chrysler, Dodge, Nissan, Plymouth
 B+ M8, Length 226.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (2)
 A: 82.00 B: 8.00 mm



111764 Starter 12 V, 1.4 kW
 Replacing: 53005984, 5226844, 4379160,
 4379143, 4349144
 Servicing: Dodge
 B+ M8, Length 240.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 71.00 B: 23.50 mm



112301 Starter 12 V, 1.2 kW
 Replacing: 56041013, 56027904, 4796981
 Servicing: Dodge, Jeep
 B+ M8, Length 207.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 60.00 B: 18.00 mm



112846 Starter 12 V, 1.4 kW
 Replacing: 4609058
 Servicing: Chrysler, Dodge
 B+ M8, Length 231.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0)
 A: 81.90 B: 7.70 mm



113044 Starter 12 V, 1.4 kW
 Replacing: 56004934
 Servicing: Jeep
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 72.00 B: 23.00 mm



113114 Starter 12 V, 2.7 kW
 Replacing: 4746639, 4741012
 Servicing: Cummins, Dodge
 B+ M10, Length 301.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



113116 Starter 12 V, 1.4 kW
 Replacing: 56027702, 560277002
 Servicing: Dodge
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 72.40 B: 23.00 mm



113282 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: 5097072AC, 5097072AA,
 05097072AC, 05097072AA
 Servicing: Chrysler, Mercedes-Benz
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 116477
 A: 60.00 B: 26.00 mm



113613 Starter 12 V, 1.1 kW
 Replacing: 5033556AC, 5033556AB,
 5033556AA, 5033133AC, 5033133AB,
 5033133AA, 4793493, 05033556AB, 05033556AA
 Servicing: Dodge, Plymouth
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 73.90 B: 9.00 mm



113618 Starter 12 V, 1.6 kW
 Replacing: 56041207AD, 56041207AC,
 56041207AB, 56041207
 Servicing: Jeep
 B+ M8, Length 215.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 64.90 B: 6.00 mm



113642 Starter 12 V, 1.6 kW
 Replacing: 56041436AC, 56041436AB,
 56041436AA, 56041136AB
 Servicing: Jeep
 B+ M8, Length 228.50, Drive type Steel,
 Gear type DD/GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 65.00 B: 5.60 mm



113977 Starter 12 V, 2.2 kW
 Replacing: 4868860AA, 04868860AA
 Servicing: Chrysler, Dodge
 B+ M8, Length 251.00, Gear type GR,
 Mount. holes 3 (3)
 A: 82.00 B: 9.00 mm



114144 Starter 12 V, 2.0 kW
 Replacing: 5033125AA, 05033125AA
 Servicing: Chrysler
 B+ M8, Length 227.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.95 mm



114217 Starter 12 V, 2.0 kW
 Replacing: 5033440AC, 5033440AA,
 05033440AC, 05033440AA
 Servicing: Dodge, Jeep, Mitsubishi
 B+ M8, Length 232.00, Gear type GR,
 Mount. holes 3 (0)
 B: 42.00 mm



114233 Starter 12 V, 2.2 kW
 Replacing: 4883447AA, 35532045
 Servicing: Jeep
 B+ M8, Length 272.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 21.00 mm



114237 Starter 12 V, 2.2 kW
 Replacing: 5033125AB, 05033125AB
 Servicing: Chrysler, Jeep
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm



114274 Starter 12 V, 2.3 kW
 Replacing: RL041563AA, 56041563AA
 Servicing: Jeep
 B+ M8, Length 251.50, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 21.00 mm



114279 Starter 12 V, 2.2 kW
 Replacing: 56041579AB
 Servicing: Jeep
 B+ M8, Length 227.50, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 19.00 mm



114283 Starter 12 V, 2.0 kW
 Replacing: 4727313AC, 4727313AB, 4727313AA, 04727313AC, 04727313AB, 04727313AA
 Servicing: Chrysler
 B+ M8, Length 227.00, Gear type GR, Mount. holes 3 (2)
 A: 82.50 B: 0.00 mm



114294 Starter 12 V, 1.1 kW
 Replacing: 4686512AC, 4686512, 04686512, 04685664AC
 Servicing: Chrysler, Plymouth
 B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 70.00 B: 7.00 mm



114878 Starter 12 V, 2.2 kW
 Replacing: K56044572AB, 56044572AB, 4801472AA, 04801472AA
 Servicing: Chrysler, Jeep
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (2)
 A: 60.00 B: 27.00 mm



115420 Starter 12 V, 1.7 kW
 Replacing: 4801516AA, 04801516AA
 Servicing: Chrysler, Jeep
 B+ M8, Length 255.10, Gear type GR, Mount. holes 2 (2)
 A: 60.00 B: 26.00 mm



115573 Starter 12 V, 2.2 kW
 Replacing: 56041579AA
 Servicing: Jeep
 B+ M8, Length 226.00, Gear type GR, Mount. holes 3 (0)
 A: 82.50 B: 19.00 mm



115783 Starter 12 V, 1.4 kW
 Replacing: 04686045AD
 Servicing: Chrysler, Dodge
 B+ M8, Length 226.00, Gear type GR, Mount. holes 3 (3)
 A: 82.00 B: 9.00 mm



116082 Starter 12 V, 1.7 kW
 Replacing: K68080460AB, 68080460AA
 Servicing: Chrysler, Jeep, Lancia
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (1)
 A: 76.00 B: 21.00 mm



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116477* Starter 12 V, 1.4 kW
 Replacing: 5097072AC, 5097072AA, 05097072AC, 05097072AA
 B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 113282
 A: 60.00 B: 25.80 mm



110149 Starter 12 V, 0.9 kW
 Replacing: 228000-3381, 228000-3380
 Servicing: Mazda, Mercury
 B+ M8, Length 198.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



110152 Starter 12 V, 0.9 kW
 Replacing: 028000-9020, 028000-7530,
 028000-6813, 028000-6812, 028000-6811,
 028000-6810, 028000-6803
 Servicing: Toyota
 B+ M8, 15a Plug, Length 194.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 A: 74.00 B: 19.50 mm



110154 Starter 12 V, 0.8 kW
 Replacing: 028000-9010, 028000-7521,
 028000-7520, 028000-6823, 028000-6822,
 028000-6821, 028000-6820
 Servicing: Daihatsu, Komatsu, Toyota
 B+ M8, 15a 6.30, Length 240.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 2 (0)
 A: 82.50 B: 32.50 mm



110158 Starter 12 V, 1.2 kW
 Replacing: 128000-046A, 128000-0462,
 128000-0461
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,
 Plymouth, Proton
 B+ M8, Length 190.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



110245 Starter 12 V, 1.7 kW
 Replacing: 128000-6843, 128000-6841,
 128000-6840, 128000-6621, 128000-6620,
 028000-8434, 028000-8432
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 196.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



110246 Starter 12 V, 1.4 kW
 Replacing: 228000-1061, 228000-1060,
 128000-4900, 028000-6140
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 190.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



110249 Starter 12 V, 0.8 kW
 Replacing: 228000-8490, 228000-4891,
 228000-4890, 128000-9540, 128000-5231,
 128000-5230, 128000-0671
 Servicing: Honda, Nissan, Rover
 B+ M8, Length 209.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 75.00 B: 34.75 mm



110260 Starter 12 V, 1.0 kW
 Replacing: 128000-8241, 128000-8240,
 128000-1241, 128000-1240, 028000-7561,
 028000-7560, 028000-5901
 Servicing: Toyota, VW
 B+ M8, Length 197.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.80 B: 20.00 mm



110336 Starter 12 V, 0.75 kW
 Replacing: 028000-7711, 028000-7710, 028000-
 5410, 028000-5407, 028000-5401, 028000-5400
 Servicing: Ford, Mercury, Triumph
 B+ M8, 15a M5, Length 243.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



110356 Starter 12 V, 1.4 kW
 Replacing: 228000-1052, 228000-1050,
 128000-2131, 128000-2130
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 190.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



110389 Starter 12 V, 2.0 kW
 Replacing: 228000-3842, 228000-3841,
 228000-3840, 128000-0040
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki
 B+ M8, Length 232.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 88.00 B: 6.00 mm



110396 Starter 12 V, 1.4 kW
 Replacing: 028000-9861, 028000-9860,
 028000-7621, 028000-7620, 028000-4532,
 028000-4530, 028000-4343
 Servicing: Toyota
 B+ M8, Length 189.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm


110397 Starter 12 V, 1.0 kW

Replacing: 128000-7090, 128000-3440, 128000-3343, 128000-3342, 128000-3341, 128000-3340, 128000-1520

Servicing: Daihatsu, Toyota, VW

B+ M8, Length 181.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 73.95 B: 18.50 mm


110402 Starter 12 V, 0.6 kW

Replacing: 128000-4201, 128000-4200, 128000-3641, 128000-3640, 128000-1863, 128000-1862, 128000-1861

Servicing: Bedford, Suzuki

B+ M8, 15a M5, Length 231.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 65.00 B: 26.00 mm


110411 Starter 12 V, 1.4 kW

Replacing: 228000-4850, 228000-4840, 228000-4392, 228000-4391, 228000-4390, 228000-4372, 228000-4371

Servicing: Toyota, VW

B+ M8, Length 189.30, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


110421 Starter 12 V, 0.8 kW

Replacing: 028000-9570, 028000-8890, 028000-7471, 028000-7470, 028000-7462, 028000-7461, 028000-7460

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, Length 188.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 16.00 mm


110444 Starter 12 V, 2.1 kW

Replacing: 028000-2265, 028000-2264, 028000-2260

Servicing: LDV

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.80 B: 23.50 mm


110447 Starter 12 V, 1.0 kW

Replacing: 428000-2640, 228000-7151, 228000-7150, 228000-0981, 228000-0980, 228000-0971, 228000-0970

Servicing: Kubota, Various Agriculture Vehicles

B+ M8, Length 199.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 17.00 mm


110485 Starter 12 V, 1.4 kW

Replacing: 228000-7111, 228000-7110, 228000-3802, 228000-3801, 228000-3800, 228000-3780, 228000-3732

Servicing: Thermo King, Yanmar

B+ M8, Length 191.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.00 mm


110490 Starter 24 V, 4.5 kW

Replacing: 028000-6013, 028000-6012, 028000-6011, 028000-6010, 028000-5864, 028000-5863, 028000-5862

Servicing: Toyota

B+ M10, Length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 90.00 B: 16.00 mm


110573 Starter 12 V, 2.0 kW

Replacing: 128000-2880, 028000-6441, 028000-6440

Servicing: Daewoo, Hyster, Isuzu

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 21.80 mm


110580 Starter 24 V, 4.5 kW

Replacing: 028000-6202, 028000-6201, 028000-6200

Servicing: Isuzu

B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 41.00 mm


110581 Starter 24 V, 4.5 kW

Replacing: 028000-7811, 028000-7810, 028000-7242, 028000-7241, 028000-7240, 028000-5891, 028000-5890

Servicing: Peugeot, Toyota

B+ M10, Length 296.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 105.00 B: 16.30 mm


110626 Starter 12 V, 1.4 kW

Replacing: 128000-2970, 128000-2960, 128000-1770, 128000-1050, 028000-8230

Servicing: Caterpillar

 B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
Units w/ 2 and 3 mounting holes are interchangeable.

A: 88.80 B: 20.25 mm

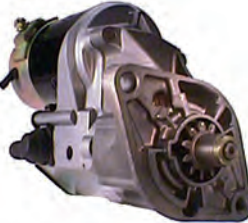

110627 Starter 12 V, 2.5 kW

Replacing: 228000-8410, 028000-5884, 028000-5883, 028000-5882, 028000-5881, 028000-5880

Servicing: Case, Ford

B+ M8, Length 291.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 47.60 mm


110708 Starter 12 V, 2.7 kW

Replacing: 128000-9582, 128000-9581, 128000-9580, 128000-7923, 128000-7922, 128000-7921, 128000-7920

Servicing: Toyota, VW

B+ M10, Length 296.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.45 B: 15.60 mm


110709 Starter 12 V, 1.0 kW

Replacing: 128000-1441, 128000-1440

Servicing: Toyota

B+ M8, Length 197.25, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 5.30 mm


110713 Starter 12 V, 1.0 kW

Replacing: 228000-6840, 228000-1710, 228000-1102, 228000-1100, 228000-0311, 128000-8500, 128000-8360

Servicing: GEO, Toyota

B+ M8, Length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 73.90 B: 8.00 mm


110720 Starter 12 V, 1.4 kW

Replacing: 228000-4922, 228000-4921, 228000-4920, 228000-1082, 228000-1081, 228000-1080, 228000-1022

Servicing: Kubota

B+ M8, Length 188.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


110831 Starter 12 V, 0.8 kW

Replacing: 028000-7681, 028000-7680, 028000-5210, 028000-5201, 028000-5200

Servicing: Ford

B+ M8, Length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 31.00 mm


110938 Starter 12 V, 1.4 kW

Replacing: 128000-0141, 128000-0140, 028000-7830

Servicing: Carrier Transcold

B+ M8, Length 188.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 26.00 mm

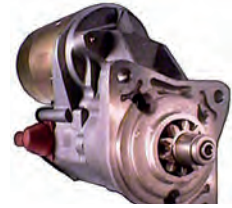

110940 Starter 12 V, 1.4 kW

Replacing: 228000-6250, 228000-1071, 228000-1070, 228000-1041, 228000-1040, 228000-1002, 228000-1001

Servicing: Carrier Transcold, Kubota, Various Agriculture Vehicles

B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 26.50 mm


110941 Starter 12 V, 2.5 kW

Replacing: 228000-1422, 228000-1421, 228000-1420, 228000-1351, 228000-1350, 128000-1062, 128000-1061

Servicing: Caterpillar

B+ M10, Length 301.85, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 88.90 B: 24.60 mm


110942 Starter 12 V, 2.5 kW

Replacing: 228000-6471, 228000-6470, 028000-8404, 028000-8403, 028000-8402, 028000-8401, 028000-8400

Servicing: Bobcat

B+ M10, Length 295.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

A: 82.50 B: 35.50 mm


110944 Starter 24 V, 5.5 kW

Replacing: 128000-5733, 128000-5732, 128000-5731, 128000-5730

Servicing: Caterpillar

B+ M10, Length 322.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 88.75 B: 47.50 mm


110961 Starter 12 V, 2.5 kW

Replacing: 128000-9610, 128000-4720, 128000-4083, 128000-4082, 128000-4081, 128000-4080

Servicing: Caterpillar

B+ M10, Length 292.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110962 Starter 12 V, 2.0 kW
 Replacing: 128000-7031, 128000-7030,
 028000-9831, 028000-9830
 Servicing: Caterpillar
 B+ M10, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 73.90 B: 19.10 mm



110999 Starter 24 V
 Replacing: 228000-0070, 128000-7520,
 128000-7510
 Servicing: Case, Caterpillar, Fiat-Allis,
 Peterbilt Trucks, Various, Volvo
 B+ 1/2" UNC, B- 1/2" UNC, Length 499.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated return
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111021 Starter 12 V, 1.4 kW
 Replacing: 228000-7671, 228000-7670,
 228000-3660, 228000-1531, 228000-1530,
 228000-0991, 228000-0990
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 209.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



111030 Starter 12 V, 1.4 kW
 Replacing: 128000-8660, 128000-2660,
 128000-1360
 Servicing: Ford, Volvo
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 A: 76.20 B: 14.00 mm



111087 Starter 12 V, 1.0 kW
 Replacing: 128000-1154, 128000-1153,
 128000-1152, 128000-1151, 128000-1150
 Servicing: John Deere, Yanmar
 B+ M8, Length 199.45, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 94.90 B: 21.00 mm



111088 Starter 12 V, 0.8 kW
 Replacing: 228000-6430, 128000-3662,
 128000-3621, 028000-9470
 Servicing: Daihatsu, Piaggio
 B+ M8, Length 209.80, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 64.60 B: 30.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: 228000-1540, 128000-8990,
 128000-8690, 128000-8650, 128000-4230,
 128000-3741, 128000-3740
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111189 Starter 12 V, 0.8 kW
 Replacing: 128000-8130
 Servicing: Komatsu, Toyota
 B+ M8, Length 231.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 73.90 B: 20.00 mm



111197 Starter 12 V, 2.0 kW
 Replacing: 428000-2030, 228000-5273,
 228000-5270, 228000-4750, 228000-4593,
 228000-4592, 228000-4591
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 232.40, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.55 B: 26.00 mm



111224 Starter 12 V, 4.0 kW
 Replacing: 128000-9680, 128000-5913,
 128000-5912, 128000-5911, 128000-5910,
 128000-0772, 128000-0771
 Servicing: John Deere
 B+ M10, Length 402.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 88.90 B: 47.60 mm



111299 Starter 12 V, 1.4 kW
 Replacing: 228000-0664, 228000-0663,
 228000-0662, 228000-0661, 228000-0660
 Servicing: Carrier Transcold
 B+ M8, Length 187.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.40 B: 24.40 mm



111310 Starter 12 V, 0.8 kW
 Replacing: 428000-1570, 228000-7161,
 228000-7160, 228000-5481, 228000-5480,
 228000-4641, 228000-4640
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 B+ M8, Length 190.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 75.00 B: 6.00 mm



111385 Starter 12 V, 0.6 kW

Manufacturer: Lucas

Replacing: 128000-4032, 128000-4031, 128000-4030, 128000-1541, 128000-1540, 028000-9221, 028000-9220

Servicing: Bedford, Suzuki

B+ M8, 15a 6.30, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 64.85 B: 27.00 mm



111387 Starter 12 V, 2.0 kW

Replacing: 228000-0400, 128000-9592, 128000-9591, 128000-9590, 128000-8142, 128000-8141, 128000-8140

Servicing: Toyota, VW

B+ M8, Length 232.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 82.50 B: 15.00 mm



111442 Starter 12 V, 1.4 kW

Replacing: 128000-7715, 128000-7714, 128000-7713, 128000-7712, 128000-7711, 128000-7710, 128000-5110

Servicing: Acura, Honda, Rover

B+ M8, Length 211.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 75.00 B: 33.50 mm



111451 Starter 12 V, 1.4 kW

Replacing: 128000-7201, 128000-7200, 128000-1231, 128000-1230, 028000-9801, 028000-9800, 028000-8571

Servicing: Subaru

B+ M8, Length 210.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 33.50 mm



111455 Starter 12 V, 0.8 kW

Replacing: 228000-2900, 228000-0941, 228000-0940, 128000-6422, 128000-6421, 128000-6420, 128000-5682

Servicing: Toyota

B+ M8, Length 201.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 74.00 B: 8.50 mm



111463 Starter 12 V, 1.0 kW

Replacing: 228000-5923, 228000-5922, 228000-5920, 228000-3333, 228000-3332, 228000-3331, 228000-3330

Servicing: Toyota

B+ M8, Length 223.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 55.00 B: 65.00 mm



111492 Starter 12 V, 1.4 kW

Replacing: 228000-0473, 228000-0472, 228000-0471, 228000-0470, 128000-9380, 128000-7141, 128000-7140

Servicing: Chrysler, Dodge, Nissan, Plymouth

B+ M8, Length 226.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)

A: 82.00 B: 8.00 mm



111525 Starter 12 V, 2.2 kW

Replacing: 128000-5760

Servicing: Daihatsu

B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.50 B: 22.00 mm



111544 Starter 12 V, 1.4 kW

Replacing: 228000-0530, 128000-9720, 128000-9710, 128000-8400, 128000-7991, 128000-7990, 128000-7390

Servicing: Lexus, Toyota

B+ M8, Length 236.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 55.00 B: 65.00 mm



111552 Starter 12 V, 1.0 kW

Replacing: 428000-5760, 228000-9270, 228000-7131, 228000-7130, 128000-8313, 128000-8312, 128000-8311

Servicing: Subaru

B+ M8, Length 204.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm



111561 Starter 12 V, 0.6 kW

Manufacturer: Lucas

Replacing: 128000-4061, 128000-4060, 128000-1951, 128000-1950, 128000-1930, 028000-9940

Servicing: Suzuki

B+ M8, 15a 4.70, Length 231.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 34.00 mm



111564 Starter 12 V, 2.2 kW

Replacing: 228000-3000, 228000-0880, 228000-0460, 228000-0200, 128000-5350

Servicing: Toyota

B+ M8, Length 234.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm



111622 Starter 12 V, 1.2 kW
 Replacing: 228000-0951, 228000-0950
 Servicing: Kubota, Various Agriculture Vehicles
 B+ M8, Length 183.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 66.30 B: 18.00 mm



111679 Starter 24 V, 4.5 kW
 Replacing: 228000-1601, 228000-1600,
 128000-8621, 128000-8620
 Servicing: Toyota
 B+ M10, Length 292.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 91.00 B: 16.00 mm



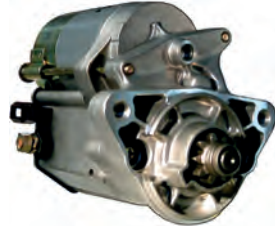
111683 Starter 12 V, 2.0 kW
 Replacing: 228000-5382, 228000-4295,
 228000-4293, 228000-4292, 228000-4291,
 228000-4290, 228000-3852
 Servicing: Chevrolet, Clark, GMC, Iseki,
 Isuzu, Opel, TCM
 B+ M8, Length 232.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 95.00 B: 19.50 mm



111764 Starter 12 V, 1.4 kW
 Replacing: 128000-7811, 128000-7810,
 128000-5280, 128000-5270, 128000-4960
 Servicing: Dodge
 B+ M8, Length 240.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 71.00 B: 23.50 mm



111765 Starter 12 V, 0.9 kW
 Replacing: 128000-4864, 128000-4863,
 128000-4862, 128000-4861, 128000-4860
 Servicing: Sea Doo
 B+ M6, Length 205.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
High torque.
 A: 61.00 B: 25.00 mm



111785 Starter 12 V, 1.0 kW
 Replacing: 128000-7680
 Servicing: Toyota
 B+ M8, Length 200.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 20.00 mm



111839 Starter 12 V, 1.2 kW
 Replacing: 228000-2552, 228000-2551,
 228000-2550
 Servicing: Harley Davidson
 B+ M8, Length 227.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
*Small hole output shaft. 2.0 kw version =
 HC-CARGO 114688.*
 A: 54.00 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 0726801000
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



111874 Starter 12 V, 2.2 kW
 Replacing: 228000-9221, 228000-9220,
 228000-3642, 228000-3641, 228000-3640
 Servicing: Toyota
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 74.00 B: 3.50 mm



111911 Starter 12 V, 1.4 kW
 Replacing: 428000-0671, 428000-0670
 Servicing: Bertolini, BMW, Ford, Porsche,
 Various Agriculture Vehicles
 B+ M8, 30h M5, Length 231.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (2)
 A: 76.00 B: 20.50 mm



111915 Starter 12 V, 0.6 kW
 Replacing: 228000-4550
 Servicing: Bombardier, Sea Doo
 B+ M6, Length 205.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (1)
 A: 61.00 B: 21.50 mm



111918 Starter 12 V, 0.6 kW
 Replacing: 228000-4560
 Servicing: Challenger, Sea Doo
 B+ M6, Length 205.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 61.00 B: 22.50 mm



111984 Starter 12 V, 1.1 kW

Replacing: 228000-3211, 228000-3210, 228000-2961, 228000-2960, 228000-2940, 228000-0902, 228000-0901

Servicing: Toyota

B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 8.00 mm



112006 Starter 12 V, 2.0 kW

Replacing: 428000-0720

Servicing: Toyota

B+ M8, Length 250.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 74.00 B: 3.50 mm



112036 Starter 12 V, 2.5 kW

Replacing: 128000-0974, 128000-0973, 128000-0972, 128000-0971, 128000-0970

Servicing: Toyota

B+ M10, Length 291.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

A: 89.90 B: 16.00 mm



112089 Starter 12 V

Replacing: 228000-1211, 228000-1210, 128000-1340

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

B+ 1/2" UNC, B- 1/2" UNC, Length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed, Insulated return

Replacing: 42MT.

A: 92.00 B: 46.00 mm



112214 Starter 12 V, 1.6 kW

Replacing: 228000-6680, 128000-7460

Servicing: Honda, Rover

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 40.00 mm



112246 Starter 12 V, 0.6 kW

Replacing: 128000-5290, 128000-4601, 128000-4600, 128000-2950, 028000-8411, 028000-8410, 028000-6111

Servicing: Honda, John Deere

B+ M6, Length 193.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

Solenoid: HC-CARGO 133711.

A: 62.45 B: 10.00 mm



112276 Starter 12 V, 2.5 kW

Replacing: 228000-8420

Servicing: Ford

B+ M10, Length 288.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 34.00 mm



112291 Starter 12 V, 0.9 kW

Replacing: 228000-5750

Servicing: Yanmar

B+ M8, Length 213.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 95.00 B: 20.50 mm



112336 Starter 12 V, 2.0 kW

Replacing: 228000-9032, 228000-9031, 228000-9030, 228000-8972, 228000-8971, 228000-8970, 228000-8150

Servicing: Toyota

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (1)

A: 82.50 B: 15.50 mm



112367 Starter 12 V, 1.4 kW

Replacing: 228000-7260, 228000-6283, 228000-6282, 228000-6281, 228000-6280, 228000-6273, 228000-6173

Servicing: Lexus, Toyota

B+ M8, Length 217.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 55.00 B: 66.20 mm



112489 Starter 12 V, 2.7 kW

Replacing: 228000-5811, 228000-5810

Servicing: Bobcat, Clark

B+ M10, Length 294.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 48.00 mm



112544 Starter 24 V, 7.5 kW

Replacing: 428000-3380, 428000-1340, 228000-7381, 228000-7380, 228000-5631, 228000-5630, 228000-5612

Servicing: Cummins

B+ M10, Length 314.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

A: 92.00 B: 47.00 mm



112545 Starter 12 V, 1.4 kW
 Replacing: 228000-1881, 228000-1880, 128000-8101
 Servicing: Lister
 B+ M8, Length 187.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)
 A: 89.00 B: 27.00 mm



112546 Starter 12 V, 0.6 kW
 Replacing: 228000-2640, 128000-7480
 Servicing: Cub Cadet, John Deere, Kohler
 B+ M8, Length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)
 A: 63.00 B: 16.90 mm



112547 Starter 12 V, 1.4 kW
 Replacing: 428000-1161, 428000-1160, 228000-7611, 228000-7610, 228000-6321, 228000-6320
 Servicing: Kubota
 B+ M8, Length 194.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



112822 Starter 24 V, 4.5 kW
 Replacing: 228000-5641, 228000-5640
 Servicing: Iveco
 B+ M10, Length 293.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 Alternative no.: 115880
 A: 89.00 B: 49.00 mm



112823 Starter 24 V, 5.5 kW
 Replacing: 228000-7551, 228000-7550
 Servicing: Iveco, Volvo
 B+ M10, Length 315.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 Alternative no.: 115872
 A: 92.00 B: 49.00 mm



113108 Starter 12 V, 1.4 kW
 Replacing: 228000-3060, 228000-2893, 228000-2890
 Servicing: Toyota, VW
 B+ M8, Length 190.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 73.90 B: 21.25 mm



113114 Starter 12 V, 2.7 kW
 Replacing: 228000-2292, 228000-2291, 228000-2290
 Servicing: Cummins, Dodge
 B+ M10, Length 301.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



113116 Starter 12 V, 1.4 kW
 Replacing: 228000-3393, 228000-3392, 228000-3391, 228000-3390
 Servicing: Dodge
 B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 72.40 B: 23.00 mm



113119 Starter 12 V, 1.4 kW
 Replacing: 228000-5303, 228000-5301, 228000-5300, 228000-3750
 Servicing: Toyota
 B+ M8, Length 188.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 54.90 B: 17.00 mm



113130 Starter 24 V, 4.5 kW
 Replacing: 028000-9760
 Servicing: Hino
 B+ M10, Length 296.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 105.00 B: 32.00 mm



113132 Starter 12 V, 2.2 kW
 Replacing: 228000-8041, 228000-8040, 228000-1893, 228000-1892, 228000-1891, 228000-1890, 128000-0833
 Servicing: Hyster, Isuzu
 B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 10.00 mm



113169 Starter 12 V, 2.2 kW
 Replacing: 228000-3263, 228000-3262, 228000-3261, 228000-3260, 228000-1690, 228000-1560
 Servicing: Lexus, Toyota
 B+ M8, Length 218.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 55.00 B: 33.00 mm


113171 Starter 12 V, 2.0 kW

Replacing: 228000-7393, 228000-7392, 228000-7391, 228000-7390, 228000-4304, 228000-4302, 228000-4300

Servicing: Jaguar, Lexus, Toyota

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 55.00 B: 33.00 mm


113172 Starter 12 V, 2.0 kW

Replacing: 228000-5862, 228000-5861, 228000-5860, 128000-6871, 128000-6870

Servicing: Caterpillar, Hyster, Yale

B+ M8, Length 249.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed

Replacing: 10MT.

A: 88.70 B: 46.00 mm


113203 Starter 24 V, 4.5 kW

Replacing: 228000-1431, 228000-1430, 128000-1004, 128000-1003, 128000-1002, 128000-1001, 128000-1000

Servicing: Komatsu

B+ M10, Length 298.00, Drive type Steel, Gear type GR, Mount. holes 2 (0), Oil sealed

A: 104.90 B: 14.00 mm


113204 Starter 24 V, 1.4 kW

Replacing: 228000-4781, 228000-4780, 128000-5411, 128000-5410

Servicing: Kubota

B+ M8, Length 189.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.90 B: 18.00 mm


113205 Starter 12 V, 0.7 kW

Replacing: 128000-7111, 128000-7110

Servicing: Kubota

B+ M8, Length 205.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 74.90 B: 34.00 mm


113206 Starter 12 V, 2.5 kW

Replacing: 128000-9972, 128000-9971, 128000-9970

Servicing: Komatsu

B+ M10, Length 292.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm


113207 Starter 12 V, 2.8 kW

Replacing: 228000-6291, 228000-6290, 228000-2032, 228000-2031, 228000-2030

Servicing: Volvo Penta, Yanmar

B+ M10, Length 295.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 15.50 mm


113208 Starter 12 V, 0.8 kW

Replacing: 228000-4620

Servicing: Various Industrial applications

B+ M8, Length 180.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 73.90 B: 20.00 mm


113211 Starter 12 V, 1.0 kW

Replacing: 228000-7481, 228000-7480, 228000-5911, 228000-5910

Servicing: Kubota

B+ M8, Length 213.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 66.00 B: 19.00 mm


113231 Starter 12 V, 0.5 kW

Replacing: 128000-2750

Servicing: Honda

B+ M6, Length 204.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 65.00 B: 9.00 mm


113238 Starter 12 V, 2.5 kW

Replacing: 228000-3711, 228000-3710

Servicing: Toyota

B+ M10, Length 293.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 89.90 B: 16.00 mm


113239 Starter 12 V, 2.5 kW

Replacing: 428000-0520, 228000-5992, 228000-5990, 228000-1611, 228000-1610, 128000-8641, 128000-8640

Servicing: Toyota

B+ M10, Length 299.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 91.00 B: 15.50 mm



113254 Starter 12 V, 1.4 kW
 Replacing: 428000-1640
 Servicing: Citroen, DS, Fiat, Peugeot, Toyota
 B+ M8, Length 206.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113271 Starter 12 V, 1.1 kW
 Replacing: 228000-7593, 228000-7591,
 228000-7590
 Servicing: Toyota
 B+ M8, Length 204.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 73.90 B: 15.00 mm



113313 Starter 12 V, 0.7 kW
 Replacing: 228000-9530, 228000-8350
 Servicing: Toyota
 B+ M8, Length 187.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)
 A: 73.90 B: 11.50 mm



113314 Starter 12 V, 1.0 kW
 Replacing: 428000-9370, 228000-8552,
 228000-8550, 228000-8542, 228000-8541,
 228000-8540
 Servicing: Toyota
 B+ M8, Length 204.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 13.75 mm



113361 Starter 12 V, 1.7 kW
 Replacing: 228000-4968, 228000-4961,
 228000-4960
 Servicing: Honda, MG, Rover
 B+ M8, Length 210.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 75.00 B: 39.00 mm



113402 Starter 12 V, 1.4 kW
 Replacing: 228000-0811, 228000-0810,
 128000-9702, 128000-9701, 128000-9700
 Servicing: Honda, Isuzu, Opel
 B+ M8, Length 188.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 B: 15.50 mm



113428 Starter 12 V, 2.5 kW
 Replacing: 128000-7753, 128000-7752,
 128000-7751, 128000-7750, 028000-6561,
 028000-6560, 028000-5490
 Servicing: Isuzu
 B+ M10, Length 297.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.00 mm



113429 Starter 12 V, 4.2 kW
 Replacing: 228000-6393, 228000-6392,
 228000-6391, 228000-6390, 228000-5623,
 228000-5621, 228000-5620
 Servicing: Case, Cummins
 B+ M10, B- M12, Length 317.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



113459 Starter 12 V, 2.0 kW
 Replacing: 228000-5791, 228000-5790,
 128000-8171, 128000-8170
 Servicing: Lister
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 88.80 B: 27.00 mm



113513 Starter 12 V, 1.1 kW
 Replacing: 428000-1650
 Servicing: Mercedes-Benz
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 69.80 B: 27.00 mm



113545 Starter 12 V, 0.4 kW
 Replacing: 228000-9310, 128000-4994,
 128000-4993, 128000-4992, 128000-4991,
 128000-4990, 128000-4242
 Servicing: Yamaha
 B+ M6, Length 156.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0), Oil sealed
 A: 35.75 B: 37.60 mm



113550 Starter 12 V
 Replacing: 428000-1221, 428000-1220,
 428000-1211, 428000-1210
 Servicing: Mack
 B+ M12, Length 413.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0),
 Insulated return
 Replacing: 39MT.
 A: 92.00 B: 46.00 mm



113596 Starter 12 V, 0.6 kW
 Replacing: 128000-4020
 Servicing: John Deere, Kawasaki, Kubota
 B+ M8, Length 180.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 70.00 B: 19.00 mm



113597 Starter 12 V, 0.6 kW
 Replacing: 128000-9360
 Servicing: John Deere, Kawasaki
 B+ M8, Length 181.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 65.90 B: 17.00 mm



113601 Starter 12 V, 1.0 kW
 Replacing: 228000-6122, 228000-6121,
 228000-6120
 Servicing: Land Rover
 B+ M8, Length 227.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 40.00 mm



113629 Starter 12 V, 1.2 kW
 Replacing: 228000-6450
 Servicing: Honda
 B+ M8, Length 214.30, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 75.00 B: 39.80 mm



113649 Starter 12 V, 1.0 kW
 Replacing: 228000-6750, 228000-4320
 Servicing: Toyota
 B+ M8, Length 206.30, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 74.00 B: 4.50 mm



113654 Starter 12 V, 3.0 kW
 Replacing: 428000-1380
 Servicing: JCB, Perkins
 B+ M8, B- M8, Length 292.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
*Optional use HC-CARGO 115389, 4.2 kW. HC-CARGO
 113654 is a Marelli/Denso version, and cannot
 replace the Iskra version (HC-CARGO 114387).*
 A: 89.00 B: 30.50 mm



113655 Starter 12 V, 3.0 kW
 Replacing: 428000-1290
 Servicing: Hattat Tarim, JCB, Perkins
 B+ M8, Length 291.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
*HC-CARGO 113655 is a Marelli/Denso version,
 and cannot replace the Iskra version (HC-
 CARGO 114388).*
 A: 89.00 B: 30.50 mm



113662 Starter 12 V, 2.0 kW
 Replacing: 228000-7220
 Servicing: Land Rover
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 65.90 B: 21.20 mm



113663 Starter 12 V, 0.7 kW
 Replacing: 228000-2211, 228000-2210
 Servicing: John Deere, Kawasaki
 B+ M8, Length 183.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 2 (0)
 A: 65.80 B: 17.00 mm



113665 Starter 12 V, 0.8 kW
 Replacing: 228000-6730, 228000-4020
 Servicing: Toyota
 B+ M8, Length 206.50, Drive type Steel,
 Gear type DD/GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 74.00 B: 4.70 mm



113681 Starter 12 V, 0.6 kW
 Replacing: 128000-1671, 128000-1670
 Servicing: Bombardier, Ski-Doo, Various
 Industrial applications
 B+ M6, Length 205.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 61.90 B: 14.00 mm



113696 Starter 12 V, 2.0 kW
 Replacing: 428000-0180, 228000-5123,
 228000-5122, 228000-5121, 228000-5120,
 228000-2970
 Servicing: Ford, New Holland
 B+ M8, Length 219.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



9,10,12


113702 Starter 12 V, 2.2 kW

Replacing: 228000-6482, 228000-6481, 228000-6480, 228000-4831, 228000-4830

Servicing: Ford, Mazda

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm



14


113723 Starter 12 V, 0.4 kW

Replacing: 128000-9400

Servicing: Honda

B+ M6, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 46.00 B: 10.00 mm



13


113725 Starter 12 V, 2.5 kW

Replacing: 428000-1860, 428000-1850, 228000-9100, 228000-6981, 228000-6980, 228000-4671, 228000-4670

Servicing: Case

B+ M10, Length 300.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm



12


113732 Starter 12 V, 1.0 kW

Replacing: 228000-7851, 228000-7850

Servicing: Cub Cadet, Honda

B+ M8, Length 206.00, Gear type DD

A: 54.00 B: 1.50 mm



10


113757 Starter 12 V, 2.2 kW

Replacing: 428000-2311, 428000-0260, 228000-5025, 228000-5024, 228000-5023, 228000-5022, 228000-5021

Servicing: Toyota

B+ M8, Length 235.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 82.50 B: 18.50 mm



11


113936 Starter 12 V, 2.7 kW

Replacing: 228000-9050, 228000-1661, 228000-1660, 228000-1591, 228000-1590, 228000-0575, 228000-0574

Servicing: Toyota

B+ M10, Length 305.00, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 15.00 mm



11


113938 Starter 12 V, 2.7 kW

Replacing: 428000-3110, 428000-0291, 428000-0290, 228000-5342, 228000-5341, 228000-5340

Servicing: Toyota

B+ M10, Length 258.00, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 18.00 mm



11,12


113926 Starter 12 V, 1.9 kW

Replacing: 428000-1620

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 237.00, Gear type GR, Mount. holes 3 (3)

B: -5.00 mm



9


113965 Starter 12 V, 2.0 kW

Replacing: 228000-7801, 228000-7800

Servicing: Land Rover, MG, Rover

B+ M8, Length 221.00, Drive type Steel, Gear type GR, Mount. holes 2 (1) Available w/ fixing hole 2(1) and 2(2).

A: 75.90 B: 21.20 mm



11


113928 Starter 12 V, 1.7 kW

Replacing: 228000-3981, 228000-3980, 228000-1180

Servicing: Honda, Land Rover, Rover

B+ M8, Length 220.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 39.00 mm



9


113966 Starter 12 V, 1.4 kW

Replacing: 228000-1021, 228000-1020

Servicing: Kubota

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.50 mm


113983 Starter 12 V, 3.0 kW

Replacing: 228000-6552, 228000-6551, 228000-6550

Servicing: John Deere

B+ M12, Length 315.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 47.60 mm


113985 Starter 12 V, 2.7 kW

Replacing: 228000-7810

Servicing: Hyster, Yale

B+ M10, Length 297.00, Gear type GR, Mount. holes 2 (0), Oil sealed

A: 88.80 B: 48.00 mm


114037 Starter 12 V, 1.6 kW

Replacing: 428000-4530, 428000-1841, 428000-1840, 428000-0701, 428000-0700, 228000-9902, 228000-9901

Servicing: Lexus, Toyota

B+ M8, Length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 55.00 B: 66.00 mm


114047 Starter 24 V, 4.0 kW

Replacing: 128000-7604, 128000-7603, 128000-7602, 128000-7601, 128000-7600

Servicing: Volvo

B+ M10, Length 294.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


114056 Starter 12 V, 1.3 kW

Replacing: 428000-7710, 428000-4500, 428000-0680

Servicing: Toyota

B+ M8, Length 196.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 15.50 mm


114060 Starter 12 V, 1.0 kW

Replacing: 428000-3600, 228000-8930

Servicing: Suzuki

B+ M8, Length 183.00, Gear type DD/GR, Mount. holes 2 (2)

A: 70.00 B: 28.00 mm


114071 Starter 12 V, 2.0 kW

Replacing: 428000-5470, 428000-2730, 428000-1280, 428000-0500, 228000-8711

Servicing: Mini, Toyota

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (1)

1.1 kw version = HC-CARGO 114068.

A: 74.00 B: 14.00 mm


114072 Starter 12 V, 2.0 kW

Replacing: 428000-0660

Servicing: BMW

B+ M8, 30h M5, Length 232.00, Gear type GR, Mount. holes 2 (2)

A: 76.00 B: 21.00 mm


114093 Starter 12 V, 1.7 kW

Replacing: 428000-4600

Servicing: Mercedes-Benz

B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

Alternative no.: 115512

A: 82.50 B: 26.00 mm



NEW PRODUCT
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114125 Starter 12 V, 1.2 kW

Replacing: 228000-9540

Servicing: Toyota

B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 11.50 mm


114168 Starter 12 V, 1.2 kW

Replacing: 228000-7520

Servicing: Caterpillar

B+ M8, Length 188.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Mounting holes are oval.

A: 74.00 B: 20.00 mm


114182 Starter 12 V, 0.7 kW

Replacing: 228000-7541, 228000-7540

Servicing: Suzuki

Length 173.00, Drive type Steel, Mount. holes 2 (0)

A: 30.00 mm



114197 Starter 12 V, 1.1 kW
 Replacing: 228000-7472, 228000-7471, 228000-7470
 Servicing: John Deere
 B+ M8, Length 209.00, Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 17.00 mm



114216 Starter 12 V, 2.0 kW
 Replacing: 428000-4920, 428000-3180
 Servicing: Lexus, Toyota
 B+ M8, Length 232.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



114223 Starter 12 V, 1.0 kW
 Replacing: 228000-5960
 Servicing: Lexus, Toyota
 B+ M8, Length 211.00, Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 21.00 mm



114224 Starter 12 V, 2.7 kW
 Replacing: 428000-1691, 428000-1690
 Servicing: New Holland
 B+ M10, Length 298.00, Gear type GR, Mount. holes 2 (0)
 A: 88.88 B: 27.50 mm



114226 Starter 12 V, 1.1 kW
 Replacing: 228000-6460
 Servicing: Honda
 B+ M8, Length 228.00, Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 40.00 mm



114240 Starter 12 V, 1.4 kW
 Replacing: 228000-3622, 228000-3621, 228000-3620
 Servicing: Toyota
 B+ M8, Length 187.50, Gear type GR, Mount. holes 2 (2)
 A: 74.00 B: 3.00 mm



114255 Starter 12 V, 1.3 kW
 Replacing: 428000-5880, 428000-3092, 428000-3091, 428000-3090, 428000-0153, 428000-0152, 428000-0151
 Servicing: Toyota
 B+ M8, Length 202.00, Gear type GR, Mount. holes 2 (0)
 A: 55.00 B: 66.50 mm



114259 Starter 12 V, 2.5 kW
 Replacing: 028000-6063, 028000-6062, 028000-6061, 028000-6060
 Servicing: Kubota
 B+ M10, Length 296.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



114260 Starter 12 V, 1.4 kW
 Replacing: 228000-2003, 228000-2002, 228000-2001, 228000-2000, 228000-1984, 228000-1983, 228000-1981
 Servicing: John Deere
 B+ M8, Length 189.00, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



114268 Starter 24 V, 4.5 kW
 Replacing: 228000-1832, 228000-1831, 228000-1830
 Servicing: Caterpillar
 B+ M10, Length 290.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.00 mm



114277 Starter 24 V, 7.5 kW
 Replacing: 228000-6572, 228000-6571, 228000-6570
 Servicing: John Deere
 B+ M10, Length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



114278 Starter 24 V, 4.5 kW
 Replacing: 428000-1120
 B+ M10, Length 297.00, Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 29.00 mm


114282 Starter 24 V, 4.5 kW

Replacing: 228000-7902, 228000-7901, 228000-7900

Servicing: Cummins

B+ M10, Length 298.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 88.50 B: 48.00 mm


114297 Starter 12 V, 1.2 kW

Replacing: 428000-1750

Servicing: BMW

B+ M8, Length 199.00, Gear type DD/GR, Mount. holes 2 (1)

A: 76.00 B: 26.00 mm


114299 Starter 12 V, 1.7 kW

Replacing: 428000-6700

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 232.00, Gear type GR, Mount. holes 3 (0)

A: 76.20 B: 53.00 mm


114305 Starter 12 V, 1.7 kW

Replacing: DSN967, 428000-5511, 428000-5510

Servicing: Mercedes-Benz

B+ M8, Length 204.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 16.00 mm


114309 Starter 12 V, 4.0 kW

Replacing: 028000-5961, 028000-5960, 028000-3650

Servicing: Caterpillar

B+ 3/8" UNC, Length 381.00, Gear type DD, Mount. holes 3 (0), Oil sealed

A: 89.00 B: 46.50 mm


114326 Starter 24 V, 7.5 kW

Replacing: 428000-5220

Servicing: Cummins

B+ M12, B- M12, Length 405.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 47.00 mm


114332 Starter 12 V, 2.2 kW

Replacing: 428000-2650

Servicing: Cummins

B+ M8, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.00 mm


114333 Starter 12 V, 2.2 kW

Replacing: 428000-0931, 428000-0930

Servicing: Carrier Transcold

B+ M8, 30h Plug, Length 221.00, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 25.00 mm


114340 Starter 24 V, 4.5 kW

Replacing: 428000-1830, 228000-9330, 228000-6671, 228000-6670, 228000-6640, 228000-4992, 228000-4991

Servicing: Komatsu

B+ M10, Length 289.20, Clutch type Wet, Mount. holes 2 (0), Oil sealed

A: 88.50 B: 48.50 mm


114346 Starter 24 V, 5.5 kW

Replacing: 128000-4251

Servicing: Isuzu, TCM

B+ M10, Length 316.80, Drive type Steel, Mount. holes 2 (0)

A: 105.00 B: 57.00 mm


114375 Starter 12 V, 0.6 kW

Replacing: 228000-9481, 228000-9480

Servicing: Honda, Toro

B+ M8, Length 181.50, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 70.00 B: 13.25 mm


114389 Starter 12 V, 1.1 kW

Replacing: 428000-5280, 428000-5001, 428000-5000, 428000-4541, 428000-4540, 428000-3410

Servicing: Dongfeng Honda, Fiat, Honda

B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



114399 Starter 12 V, 2.7 kW
 Replacing: 428000-3140
 Servicing: Case, New Holland
 B+ M10, Length 296.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 26.50 mm



114400 Starter 12 V, 1.0 kW
 Replacing: 228000-8090
 Servicing: John Deere
 B+ M8, Length 190.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114419 Starter 12 V, 1.2 kW
 Replacing: 428000-0341, 428000-0340
 Servicing: Pontiac, Toyota
 B+ M8, Length 194.00, Drive type Steel,
 Mount. holes 2 (0)
 A: 74.00 B: 14.80 mm



114429 Starter 12 V, 2.0 kW
 Replacing: 228000-8890
 Servicing: Isuzu
 B+ M8, Length 218.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 10.00 mm



114449 Starter 12 V, 4.0 kW
 Replacing: 228000-6872, 228000-6871,
 228000-6870
 Servicing: Case
 B+ M10, Length 318.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



114459 Starter 12 V, 4.8 kW
 Replacing: 228000-8471, 228000-8470
 Servicing: John Deere
 B+ M12, Length 315.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



114485 Starter 12 V, 1.1 kW
 Replacing: 228000-7091, 228000-7090,
 228000-5401, 228000-5400
 Servicing: Bobcat, Kubota
 B+ M8, Length 211.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



114486 Starter 12 V
 Replacing: 128000-2760
 Servicing: John Deere, Kawasaki
 B+ M6, Length 173.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 B: 20.00 mm



114502 Starter 12 V, 1.2 kW
 Replacing: 228000-7791, 228000-7790,
 228000-7700
 Servicing: MG, Rover, Seat
 Gear type GR, Mount. holes 2 (0)



114504 Starter 12 V, 0.9 kW
 Replacing: 428000-1560
 Servicing: KTM
 B+ M6, Length 198.60, Gear type DD,
 Mount. holes 2 (0), Oil sealed
 A: 40.00 B: 39.00 mm



114660 Starter 12 V, 1.2 kW
 Replacing: 428000-4550, 428000-3372,
 428000-3371, 428000-3370
 Servicing: Toyota
 B+ M8, Length 189.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 11.50 mm



114661 Starter 12 V, 1.3 kW
 Replacing: 428000-4561, 428000-4560,
 428000-3361
 Servicing: Toyota
 B+ M8, Length 190.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 25.70 mm



114674 Starter 12 V, 0.6 kW
 Replacing: 228000-7991, 228000-7990
 Servicing: Gravely, John Deere, Kubota
 B+ M8, Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 A: 62.00 B: 17.50 mm



114678 Starter 12 V
 Replacing: 428000-6600
 Servicing: John Deere
 B+ M8, Length 206.00, Gear type DD,
 Mount. holes 2 (2)
 A: 62.00 B: 22.00 mm



114685 Starter 12 V, 2.0 kW
 Replacing: 228000-6921, 228000-6920
 Servicing: Bobcat
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 10.00 mm



114693 Starter 24 V, 5.5 kW
 Replacing: 228000-5052, 228000-5051,
 228000-5050
 Servicing: Komatsu
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil
 sealed
 A: 89.00 B: 47.50 mm



114695 Starter 24 V, 7.5 kW
 Replacing: 428000-2591, 428000-2590
 Servicing: Case
 B+ M12, Length 317.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 28.00 mm



114711 Starter 12 V, 2.5 kW
 Replacing: 028000-7803, 028000-7802,
 028000-7801, 028000-7800
 Servicing: Kubota
 B+ M10, Length 300.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



114712 Starter 24 V, 7.5 kW
 Replacing: 228000-9151, 228000-9150
 Servicing: John Deere
 B+ M12, 30h Plug, Length 316.00,
 Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 47.50 mm



114716 Starter 12 V
 Replacing: 428000-0230
 Servicing: Briggs & Stratton
 B+ M8, Length 208.00, Gear type DD,
 Mount. holes 2 (0)
 A: 70.00 B: 32.50 mm



114718 Starter 12 V, 1.4 kW
 Replacing: 428000-3570
 Servicing: Caterpillar, Perkins
 B+ M8, Length 188.00, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 19.00 mm



114731 Starter 12 V, 2.2 kW
 Replacing: 428000-2321
 Servicing: Toyota
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 18.00 mm



114738 Starter 12 V, 1.4 kW
 Replacing: 228000-6652, 228000-6651,
 228000-6650
 Servicing: Bobcat
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 2 (0)
 A: 88.80 B: 48.00 mm



114740 Starter 12 V, 1.2 kW
 Replacing: 428000-4490, 428000-1760
 Servicing: BMW
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (1)
 A: 76.00 B: 25.00 mm



114748 Starter 12 V, 1.4 kW
 Replacing: 128000-5590
 Servicing: Case
 B+ M8, 15a M4, Length 189.00,
 Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 20.00 mm



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114773* Starter 12 V, 0.7 kW
 Replacing: 228000-6791
 Servicing: Suzuki
 B+ M8, Length 205.00, Gear type GR,
 Mount. holes 2 (0)
 A: 65.00 B: 28.00 mm



114816 Starter 12 V, 0.8 kW
 Replacing: 228000-9580
 Servicing: Honda
 B+ M8, Length 205.00, Gear type DD,
 Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



114817 Starter 12 V, 1.3 kW
 Replacing: 428000-0691, 428000-0690
 Servicing: Toyota
 B+ M8, Length 213.50, Gear type GR,
 Mount. holes 2 (0)
 A: 54.80 B: 66.00 mm



114823 Starter 12 V, 0.6 kW
 Replacing: 128000-5500
 Servicing: Cub Cadet, John Deere
 B+ M8, Length 182.00, Gear type DD,
 Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



114851 Starter 12 V, 0.8 kW
 Replacing: 228000-5710
 Servicing: Daihatsu, Piaggio
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 4.00 mm



114853 Starter 12 V, 2.7 kW
 Replacing: 428000-2633, 428000-2632,
 428000-2631, 428000-2630
 Servicing: Toyota
 B+ M10, Length 259.00, Gear type GR,
 Mount. holes 2 (1)
 A: 82.50 B: 18.00 mm



114860 Starter 12 V, 1.1 kW
 Replacing: 228000-8161, 228000-8160
 Servicing: Iseki, Massey Ferguson
 B+ M8, Length 214.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 20.50 mm



114870 Starter 12 V, 2.2 kW
 Replacing: 428000-6171, 428000-6170,
 228000-8450
 Servicing: Caterpillar
 B+ 3/8" UNC, Length 235.00,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 19.70 mm



114886 Starter 12 V, 1.2 kW
 Replacing: 428000-5831, 428000-5830,
 428000-4114, 428000-4113, 428000-4112,
 428000-4111, 428000-4110
 Servicing: Toyota
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 14.00 mm



114889 Starter 12 V, 1.0 kW
 Replacing: 428000-7840, 228000-9170,
 228000-8360
 Servicing: Toyota
 B+ M8, Length 211.50, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 12.00 mm



114891 Starter 12 V, 1.1 kW
 Replacing: 428000-2192, 428000-2191,
 428000-2190, 428000-1591, 428000-1590
 Servicing: Cub Cadet
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 2 (0)
 A: 80.00 B: 21.00 mm


115314 Starter 12 V, 2.5 kW

 Replacing: 228000-0844, 228000-0842,
228000-0841, 228000-0840

Servicing: John Deere

 B+ M10, Length 294.00, Gear type GR,
Mount. holes 2 (0)

A: 89.00 B: 47.50 mm


115322 Starter 12 V, 1.4 kW

 Replacing: 228000-9801, 228000-9800,
228000-8691, 228000-8690

Servicing: Kubota

 B+ M8, Length 188.00, Gear type GR,
Mount. holes 2 (0)

A: 82.50 B: 24.50 mm


115323 Starter 12 V, 2.7 kW

Replacing: 228000-7500

Servicing: Caterpillar

 B+ M10, Length 297.00, Gear type GR,
Mount. holes 3 (0)

A: 88.80 B: 29.50 mm


115326 Starter 12 V, 5.0 kW

Replacing: 428000-3630

Servicing: Claas

 B+ 1/2" UNC, B- 1/2" UNC, Gear type GR,
Mount. holes 3 (0), Insulated return

A: 92.00 B: 45.50 mm


115328 Starter 12 V, 2.2 kW

 Replacing: 428000-4811, 428000-4810,
428000-1630

Servicing: Citroen, Peugeot

 B+ M8, Length 238.00, Gear type GR,
Mount. holes 3 (0)

B: 7.00 mm


115336 Starter 12 V, 2.2 kW

Replacing: 438000-0231, 438000-0230

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Length 252.00, Gear type GR,
Mount. holes 3 (0)

A: 79.00 B: 52.00 mm


115352 Starter 12 V, 2.5 kW

Replacing: 428000-2911, 428000-2910

Servicing: Cummins

 B+ M10, B- M10, Length 294.50,
Gear type GR, Clutch type Dry,
Mount. holes 2 (0)

A: 88.70 B: 48.00 mm


115362 Starter 12 V, 0.7 kW

Replacing: 428000-0960, 428000-0950

Servicing: Honda

 B+ M8, Length 204.00, Gear type DD/GR,
Mount. holes 2 (1)

A: 70.00 B: 33.00 mm


115402 Starter 12 V, 1.8 kW

Replacing: 438000-0240

Servicing: Audi, Seat, Skoda, VW

 B+ M8, Length 248.00, Gear type GR,
Mount. holes 2 (0)

A: 79.00 B: 61.00 mm


115425 Starter 12 V, 1.3 kW

Replacing: 228000-5722, 228000-5721

Servicing: Cub Cadet

 B+ M8, Length 180.00, Gear type GR,
Mount. holes 2 (2)

A: 74.00 B: 20.00 mm


115465 Starter 12 V, 0.7 kW

Replacing: 128000-8090

Servicing: Honda

 B+ M8, Length 182.00, Gear type DD,
Mount. holes 2 (2)

A: 65.00 B: 18.00 mm


115468 Starter 12 V, 2.0 kW

Replacing: 428000-4841, 428000-4840

Servicing: Land Rover

 B+ M8, Length 220.00, Gear type GR,
Mount. holes 3 (3)

B: -5.00 mm



115524 Starter 12 V, 0.85 kW
 Replacing: 428000-8630, 428000-3480, 428000-3472, 428000-3471, 428000-3470
 Servicing: Toyota
 B+ M8, Length 200.00, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 25.50 mm



115539 Starter 12 V, 2.0 kW
 Manufacturer: Valeo
 Replacing: 438000-0251
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 116156
 A: 79.00 B: 42.00 mm



115552 Starter 12 V, 2.0 kW
 Replacing: 128000-8551, 128000-8550, 128000-2161, 128000-2160
 Servicing: Kubota
 B+ M8, Length 233.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



115560 Starter 12 V, 1.7 kW
 Replacing: 428000-8853, 428000-8852, 428000-8851, 428000-8850
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 229.00, Gear type GR, Mount. holes 3 (0)
 A: 79.00 B: 62.00 mm



115561 Starter 12 V, 1.7 kW
 Replacing: 438000-0212, 438000-0211
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 225.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 43.00 mm



115564 Starter 12 V, 3.0 kW
 Replacing: 428000-5120
 Servicing: Cummins
 B+ M10, B- M12, Length 278.00, Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 47.00 mm



115566 Starter 12 V, 3.0 kW
 Replacing: 428000-6110
 Servicing: Dodge
 B+ M10, Length 278.00, Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 47.00 mm



115595 Starter 12 V, 2.0 kW
 Replacing: 228000-4741, 228000-4740
 Servicing: Kubota
 B+ M8, Length 223.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.00 mm



115598 Starter 12 V, 0.7 kW
 Replacing: 428000-4140, 428000-3460
 Servicing: Honda
 B+ M8, Length 213.00, Gear type DD/GR, Mount. holes 2 (1)
 A: 70.00 B: 33.00 mm



115607 Starter 12 V, 1.7 kW
 Replacing: 428000-9140
 Servicing: Mercedes-Benz
 B+ M8, Length 247.50, Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 53.00 mm



115610 Starter 12 V, 2.0 kW
 Replacing: 438000-0221, 438000-0220
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115613 Starter 12 V, 1.0 kW
 Replacing: 428000-6181, 428000-6180
 Servicing: Daihatsu, Toyota
 B+ M8, Length 188.50, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



115616 Starter 12 V, 1.8 kW
 Replacing: 228000-9132, 228000-9131, 228000-9130
 Servicing: Land Rover
 B+ M8, 30h M5, Length 210.00, Gear type GR, Mount. holes 2 (2)
 A: 76.00 B: 20.00 mm



115636 Starter 12 V, 1.7 kW
 Manufacturer: Bosch
 Replacing: 428000-7881
 Servicing: Audi
 B+ M8, Length 248.00, Gear type GR, Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115637 Starter 12 V, 1.0 kW
 Replacing: 228000-9872, 228000-9871
 Servicing: Dongfeng Honda, Honda
 B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



115642 Starter 12 V, 2.0 kW
 Replacing: 428000-4881, 428000-4880, 428000-1941, 428000-1940
 Servicing: Land Rover
 B+ M8, Length 242.00, Gear type GR, Mount. holes 3 (2)
 A: 70.00 B: 25.00 mm



115643 Starter 12 V, 1.4 kW
 Replacing: 428000-2720, 428000-0570
 Servicing: Toyota
 B+ M8, Length 190.00, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 14.00 mm



115644 Starter 12 V, 2.0 kW
 Replacing: 428000-6200, 428000-6070
 Servicing: Toyota
 B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 13.00 mm



115645 Starter 12 V, 2.0 kW
 Replacing: 428000-8862, 428000-8861, 428000-7042, 428000-7041, 428000-7040
 Servicing: Audi, Chevrolet, Seat, VW
 B+ M8, Length 224.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 56.50 mm



115687 Starter 12 V, 0.6 kW
 Replacing: 228000-7860
 Servicing: Cub Cadet
 B+ M8, Length 207.00, Gear type DD, Mount. holes 2 (0)
 A: 54.00 B: 10.00 mm



115723 Starter 12 V, 1.4 kW
 Replacing: 428000-6220, 428000-6191, 428000-6190, 428000-6061, 428000-6060
 Servicing: Toyota
 B+ M8, Length 196.50, Gear type GR, Mount. holes 2 (1)
 A: 74.00 B: 13.00 mm



115725 Starter 12 V, 2.0 kW
 Replacing: 428000-6910, 428000-4851, 428000-4850
 Servicing: Land Rover
 B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (3)
 B: -5.00 mm



115729 Starter 12 V, 1.6 kW
 Replacing: 428000-6760
 Servicing: Hyundai, Kia
 B+ M8, Length 216.00, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



115733 Starter 12 V, 1.7 kW
 Replacing: 428000-7937, 428000-7936, 428000-7935, 428000-7934, 428000-7933, 428000-7932, 428000-7931
 Servicing: Audi
 B+ M8, Length 229.00, Gear type GR, Mount. holes 2 (1)
 A: 66.00 B: 23.00 mm



115755 Starter 12 V, 1.2 kW
 Replacing: 428000-3170
 Servicing: Kawasaki
 B+ M8, Length 180.00, Gear type GR,
 Mount. holes 2 (2)
 A: 74.00 B: 20.00 mm



115779* Starter 12 V, 1.8 kW
 Replacing: 428000-5670
 Servicing: Honda
 B+ M8, Length 217.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 38.50 mm



115783 Starter 12 V, 1.4 kW
 Replacing: 428000-2220
 Servicing: Chrysler, Dodge
 B+ M8, Length 226.00, Gear type GR,
 Mount. holes 3 (3)
 A: 82.00 B: 9.00 mm



115817 Starter 12 V
 Replacing: 428000-3130
 Servicing: John Deere, Kawasaki
 B+ M8, Length 205.50, Gear type DD,
 Mount. holes 2 (0)
 A: 62.00 B: 18.00 mm



115821 Starter 24 V, 8.0 kW
 Replacing: 428000-0131, 428000-0130
 Servicing: John Deere
 B+ 1/2" UNC, B- 1/2" UNC,
 Length 447.00, Gear type GR,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 46.00 mm



115822 Starter 12 V, 1.8 kW
 Replacing: 428000-1922, 428000-1921,
 428000-1920
 Servicing: Land Rover
 B+ M8, Length 250.00, Gear type GR,
 Mount. holes 2 (1)
 A: 62.00 B: 37.00 mm



115828 Starter 12 V, 1.4 kW
 Replacing: 428000-7470
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 189.50, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 20.00 mm



115872 5★ Starter 24 V, 5.5 kW
 Manufacturer: Denso
 Replacing: 228000-7551, 228000-7550
 Servicing: Iveco, Volvo
 B+ M10, Length 317.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 112823
 A: 92.00 B: 49.00 mm



115880 5★ Starter 24 V, 4.5 kW
 Manufacturer: Denso
 Replacing: 228000-5641, 228000-5640
 Servicing: Iveco
 B+ M8, B- M8, Length 301.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 112822
 A: 89.00 B: 49.00 mm



115950 Starter 12 V, 2.0 kW
 Replacing: 228000-7710
 Servicing: Land Rover, MG, Rover
 B+ M8, Length 239.50, Gear type GR,
 Mount. holes 3 (0)
 A: 55.00 B: 66.00 mm



115964 Starter 12 V, 2.0 kW
 Replacing: 428000-7032, 428000-7031,
 428000-7030
 Servicing: Audi, Seat, VW
 B+ M8x1.25, Length 223.00,
 Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 62.00 mm



115968 Starter 12 V, 2.0 kW
 Replacing: 03101-3180
 Servicing: Cummins, Various Agriculture
 Vehicles, Vermeer
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



115982 Starter 12 V, 2.7 kW

Replacing: 428000-4612, 428000-4611, 428000-4610

Servicing: Land Rover

B+ M10, Length 278.00, Gear type GR, Mount. holes 2 (2)

A: 80.00 B: 17.00 mm



116000 Starter 12 V, 2.0 kW

Replacing: 428000-7223, 428000-7221, 428000-7220

Servicing: Audi, Porsche, VW

B+ M8, Length 247.00, Gear type GR, Mount. holes 3 (1)

A: 76.20 B: 26.00 mm



116003 Starter 12 V, 1.2 kW

Replacing: 428000-8444, 428000-8443, 428000-8441, 428000-8435, 428000-8434, 428000-8432

Servicing: Toyota

B+ M8, Length 182.50, Gear type GR, Mount. holes 2 (1)

A: 74.00 B: 24.00 mm



116016 Starter 12 V, 1.2 kW

Replacing: 428000-0870

Servicing: John Deere, Yanmar

B+ M8, Length 183.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 22.00 mm



116071 Starter 12 V, 1.4 kW

Replacing: 228000-5742, 228000-5741, 228000-5740

Servicing: Bobcat

B+ M8, Length 219.00, Gear type GR, Mount. holes 2 (0)

A: 89.00 B: 47.00 mm



116072 Starter 24 V, 5.5 kW

Replacing: 128000-2563, 128000-2562, 128000-2561, 128000-2560

Servicing: Case, Cummins

B+ M10, Length 318.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



116076 Starter 12 V, 0.7 kW

Replacing: 428000-1070

Servicing: DUCATI

B+ M6, Length 166.00, Gear type DD, Mount. holes 3 (3)

A: 50.00 B: 27.50 mm



116078 Starter 12 V, 1.4 kW

Replacing: 428000-3490

Servicing: Harley Davidson

B+ M8, Length 218.00, Gear type GR, Mount. holes 2 (0)

A: 48.50 B: 43.50 mm



116092 Starter 12 V, 1.0 kW

Replacing: 428000-8332, 428000-8331

Servicing: Citroen, DS, Peugeot

B+ M8, Length 190.50, Gear type GR, Mount. holes 3 (1)

A: 72.00 B: 14.00 mm



116149 Starter 12 V, 0.7 kW

Replacing: 128000-7940

Servicing: John Deere, Kawasaki, Kubota

B+ M8, Length 181.00, Gear type DD, Mount. holes 2 (2)

A: 75.00 B: 18.00 mm



116151 Starter 12 V, 0.8 kW

Replacing: 428000-6610

Servicing: New Holland

B+ M8, Length 205.00, Gear type DD/GR, Mount. holes 2 (2)

A: 61.50 B: 25.50 mm



116156 Starter 12 V, 2.0 kW

Replacing: 438000-0251

Servicing: Audi, Seat, Skoda, VW

B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115539

A: 79.00 B: 42.00 mm



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116246* Starter 12 V, 1.9 kW
Replacing: 438000-0822, 438000-0821,
438000-0820
Servicing: Land Rover



116254 Starter 12 V, 2.0 kW
Replacing: 428000-0250
Servicing: Toyota
B+ M8, Length 220.00, Gear type GR,
Mount. holes 2 (1)
A: 82.50 B: 18.00 mm



116255 Starter 12 V, 1.9 kW
Replacing: 428000-7980
Servicing: Hyundai, Kia
B+ M8, Length 216.00, Gear type GR,
Mount. holes 2 (2)
A: 77.00 B: 17.00 mm



116256 Starter 12 V, 0.8 kW
Replacing: 428000-5410
Servicing: Honda
B+ M8, Length 213.50, Gear type GR,
Mount. holes 2 (1)
A: 70.00 B: 33.00 mm



116257 Starter 12 V, 1.7 kW
Replacing: 428000-8030
Servicing: Chevrolet, Opel, Vauxhall
B+ M8, Length 215.00, Gear type GR,
Mount. holes 2 (0)
A: 68.00 B: 18.50 mm



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116268 Starter 12 V, 1.8 kW
Replacing: 438000-0270
Servicing: Ford
B+ M8, Length 231.50, Gear type GR,
Mount. holes 3 (3)
A: 62.00 B: -5.00 mm



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116272* Starter 12 V, 1.1 kW
Replacing: 438000-0202, 438000-0201
Servicing: Audi, Seat, Skoda, VW
B+ M8, Length 219.00, Gear type GR,
Mount. holes 2 (0)
A: 79.00 B: 63.00 mm



116273 Starter 12 V, 1.8 kW
Replacing: 438000-0492, 438000-0490
Servicing: BMW
B+ M8, Length 216.00, Gear type GR,
Mount. holes 3 (0)
A: 68.00 B: 6.00 mm



NEW PRODUCT
www.hc-cargo.com

116286 Starter 12 V, 2.0 kW
Replacing: 428000-5953, 428000-5952,
428000-5951, 428000-5950
Servicing: Land Rover
B+ M8, Length 242.00, Gear type GR,
Mount. holes 2 (2)
A: 70.00 B: 25.50 mm



NEW PRODUCT
www.hc-cargo.com

116371* Starter 12 V, 1.5 kW
Replacing: 438000-0483, 438000-0480,
438000-0473, 438000-0470
Servicing: BMW, Mini
B+ M8, Length 211.50, Gear type GR,
Mount. holes 3 (0)
A: 70.00 B: 0.50 mm

NEW PRODUCT
www.hc-cargo.com

116412* Starter 12 V, 1.7 kW
Replacing: 438000-0980, 428000-9535,
428000-9534, 428000-9533, 428000-9532,
428000-9531, 428000-9530
Mount. holes 2 (1)



NEW PRODUCT
www.hc-cargo.com

116424* Starter 12 V, 1.6 kW
Replacing: 428000-2340
Servicing: Lexus
B+ M8, Length 182.50, Gear type GR,
Mount. holes 2 (2)
A: 74.00 B: 22.50 mm



9

NEW PRODUCT
www.hc-cargo.com
116426* Starter 12 V, 1.3 kW

Replacing: DUDRL, 428000-8170

Servicing: Honda

 B+ M8, Length 220.00, Gear type GR,
Mount. holes 2 (0)

A: 75.00 B: 33.00 mm



21

NEW PRODUCT
www.hc-cargo.com
116443* Starter 12 V, 2.0 kW

Replacing: 428000-4240, 428000-3640

Servicing: Volvo

 B+ M8, Length 238.00, Gear type GR,
Mount. holes 4 (0)

B: -8.00 mm



9

NEW PRODUCT
www.hc-cargo.com
116445* Starter 12 V, 1.4 kW

 Replacing: 228000-1133, 228000-1132,
228000-1131, 228000-1130

Servicing: Iseki, Isuzu, Komatsu, TCM

 B+ M8, Length 187.00, Gear type GR,
Mount. holes 2 (0)

A: 95.00 B: 20.00 mm



13

NEW PRODUCT
www.hc-cargo.com
116464* Starter 12 V, 1.5 kW

Replacing: 428000-9131, 428000-9130

Servicing: BMW, BMW (Brilliance)

 B+ M8, Length 216.50, Gear type GR,
Mount. holes 2 (1)

A: 76.20 B: 25.50 mm



9

NEW PRODUCT
www.hc-cargo.com
116472* Starter 12 V, 2.0 kW

Replacing: 428000-9061, 428000-9060

Gear type GR, Mount. holes 2 (0)



110144 Starter 12 V, 1.0 kW
 Replacing: 581017
 Servicing: Nissan, TCM
 B+ M8, Length 194.30, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 8.00 mm



110365 Starter 12 V, 0.8 kW
 Replacing: 532027, 532024
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: 6231D, 6231C, 6231B, 6231A,
 6231, 6227, 6203, 6187, 6175, 6172, 6144,
 6128, 532017, 532010, 532002
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 66.00 B: 10.50 mm



110439 Starter 12 V, 2.0 kW
 Replacing: 6232, 6127
 Servicing: Buhner, Compair, Eicher, Massey
 Ferguson
 B+ M8, Length 309.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110459 Starter 12 V, 2.8 kW
 Replacing: 538504
 Servicing: Bedford
 B+ M8, Length 335.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110462 Starter 12 V, 2.8 kW
 Replacing: 538501
 Servicing: Buhner, Ford, Matbro, New Holland
 B+ M8, Length 319.45, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137
 A: 92.00 B: 20.00 mm



110565 Starter 12 V, 2.8 kW
 Replacing: 6233, 538505, 538502
 Servicing: Eicher, Massey Ferguson
 B+ M8, B- M8, Length 313.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110584 Starter 12 V, 1.2 kW
 Replacing: 534055, 534054C, 534054B,
 534054A, 534054
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Alternative no.: 116306
 B: -6.00 mm



110585 Starter 12 V, 1.2 kW
 Replacing: 534057, 534043, 534042, 534031,
 534029, 453052
 Servicing: Renault, Volvo
 B+ M8, Length 214.15, Drive type Steel,
 Gear type DD, Mount. holes 4 (4)
 A: 66.00 B: -2.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: 8294, 8293, 534039
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110793 Starter 12 V, 0.9 kW
 Replacing: 6212, 6190, 6189, 533002, 532005
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 221.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 66.00 B: 22.00 mm



110818 Starter 12 V, 2.1 kW
 Replacing: 6068A
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110856 Starter 12 V, 0.6 kW
 Replacing: 6219, 6185, 6136, 532023, 532021
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



110866 Starter 12 V, 0.9 kW
 Replacing: 534047, 534032
 Servicing: Renault
 B+ M8, Length 197.65, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



111025 Starter 12 V, 0.8 kW
 Replacing: 534053
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111066 Starter 12 V, 1.05 kW
 Replacing: 6242, 6240, 618795, 618565,
 618078, 618077, 534050, 534046, 453016
 Servicing: Citroen, Fiat, Peugeot, Talbot
 B+ M8, Length 197.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 65.90 B: 21.00 mm



111068 Starter 12 V, 0.85 kW
 Replacing: 534048
 Servicing: Citroen, Peugeot, Talbot
 B+ M8, Length 212.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 65.85 B: 15.65 mm



111100 Starter 12 V, 0.7 kW
 Replacing: 6202F, 6202D, 6202C, 6202B,
 6202A, 6202
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



NEW PRODUCT
www.hc-cargo.com

116306 Starter 12 V, 1.2 kW
 Replacing: 534055, 534054C, 534054B,
 534054A, 534054
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
Remanufactured unit. No surcharge.
 Alternative no.: 110584
 B: -6.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: R22.22, 0220000
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110209 Starter 24 V, 5.4 kW
 Replacing: R23.23, 6230000
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110214 Starter 24 V, 6.6 kW
 Replacing: R22.13, R20D1, R20.28, 0130000
 Servicing: Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 92.00 B: 37.00 mm



110206 Starter 24 V, 5.4 kW
 Replacing: R23.08, 6080000
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110210 Starter 24 V, 6.6 kW
 Replacing: R23.05, R22.05, R20.42, 6050000,
 0050000
 Servicing: Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110338 Starter 12 V, 0.8 kW
 Replacing: R80Z
 Servicing: Fiat, Lancia, Zastava
 B+ M8, Length 254.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.90 B: 12.00 mm



110207 Starter 24 V, 5.4 kW
 Replacing: R23.10, 6100000
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110212 Starter 24 V, 6.6 kW
 Replacing: R23.26, R22.16, R22.14, 6260000,
 0160000, 0140000
 Servicing: Iveco, Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110352 Starter 12 V, 1.3 kW
 Replacing: R100.3, R100.03, E100L-1.5/12,
 803000.2
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110208 Starter 24 V, 5.4 kW
 Replacing: R23.11, 6110000
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Waterproof
 A: 89.00 B: 48.00 mm



110213 Starter 24 V, 6.6 kW
 Replacing: R22.07, 0070000
 Servicing: Fiat, Iveco
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110365 Starter 12 V, 0.8 kW
 Replacing: R80.02, E80C, 8100000,
 8020020000
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



110512 Starter 24 V, 5.4 kW
 Replacing: R23.25, R23.17, R23.16, R20Z, R20.17, 6250000, 6160000
 Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles
 B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW
 Replacing: R10TA, R10.05
 Servicing: Cummins, Fiat-Allis
 B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110522 Starter 12 V, 3.0 kW
 Replacing: R11C, R11.03
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.50 mm



110523 Starter 24 V, 4.8 kW
 Replacing: R10.08, 6090000
 Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader
 B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



110529 Starter 12 V, 3.0 kW
 Replacing: R11W, R11.07
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 30.00 mm



110531 Starter 24 V, 6.6 kW
 Replacing: R22.12, R22.10, 6220000, 0120000, 0100000, 0090000
 Servicing: Fiat-Allis, Gmeinder, KHD, Mercedes-Benz
 B+ M12, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)
 A: 56.00 B: 37.00 mm



110532 Starter 24 V, 6.6 kW
 Replacing: R20W, R20.24
 Servicing: Iveco
 B+ M10, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof
 A: 115.00 B: 21.00 mm



110533 Starter 24 V, 5.4 kW
 Replacing: R23.09
 Servicing: Steyr
 B+ M10, B- M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



110534 Starter 24 V, 5.4 kW
 Replacing: R23.18, 6180000
 Servicing: Ford, Iveco, Various Agriculture Vehicles
 B+ M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: R23.21, 6210000
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: R11K, R11.12
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Magneton.
 Alternative no.: 116086 , 116139 , 116312
 A: 89.00 B: 28.00 mm



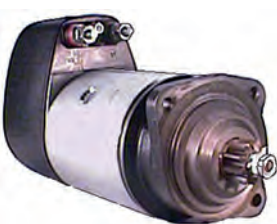
110545 Starter 12 V, 3.0 kW
 Replacing: R11N, R11F, R11A, R11.10, R11.06, R11.01
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110551 Starter 12 V, 3.0 kW
 Replacing: R11B, R11.02
 Servicing: Lamborghini, Same, Ursus, Zetor
 B+ M10, Length 326.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110582 Starter 24 V, 5.4 kW
 Replacing: R23.06, 6060000
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: R23.13, 6130000
 Servicing: Mercedes-Benz, Steyr
 B+ M10, Length 386.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



110932 Starter 24 V, 5.4 kW
 Replacing: R23.24
 Servicing: DAF
 B+ M10, B- M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 88.85 B: 47.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: R23.34, 6340000
 Servicing: Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: R80K, R80.04
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111046 Starter 24 V, 6.6 kW
 Replacing: R22.06, 0060000
 Servicing: MAN, Volvo
 B+ M10, Length 404.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
 Replacing: R23.33, 6330000
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: R23.27, 6270000, 6240000
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW
 Replacing: R22.38, 0380000
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Insulated return
 A: 89.00 B: 40.25 mm



111585 Starter 12 V, 0.8 kW
 Replacing: R80C1, R80C
 Servicing: Fiat
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 61.90 B: 13.00 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: R11K, R11.12
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536, 116086 , 116312
 A: 89.00 B: 28.00 mm



110338 Starter 12 V, 0.8 kW
 Replacing: MTS12P-19, MTS12-22
 Servicing: Fiat, Lancia, Zastava
 B+ M8, Length 254.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.90 B: 12.00 mm



110352 Starter 12 V, 1.3 kW
 Replacing: MTD12-14
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110365 Starter 12 V, 0.8 kW
 Replacing: MTS12-48, MTS12-42, MTS12-39,
 MTS12-29, MTA12-39M, MTA12-39
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: MTS12-51, MTS12-50, MTS12-37,
 MTS12-10, MTA12P-15, MTA12-P19, MTA12-43,
 MTA12-37, MTA12-19M
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 66.00 B: 10.50 mm



110450 Starter 12 V, 3.6 kW
 Manufacturer: Prestolite
 Replacing: MTC252-7
 Servicing: Perkins
 B+ M8, B- M8, 15a M4, Length 370.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Insulated return
 A: 88.80 B: 47.50 mm



110566 Starter 24 V, 5.2 kW
 Manufacturer: Prestolite
 Replacing: MTC25-27
 Servicing: Perkins
 B+ M8, Length 371.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.75 mm



110793 Starter 12 V, 0.9 kW
 Replacing: MOC12-2
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 221.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 66.00 B: 22.00 mm



110856 Starter 12 V, 0.6 kW
 Replacing: MTA12P-7, MTA12-P30
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



111100 Starter 12 V, 0.7 kW
 Replacing: MTA12-30
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm


110224 Starter 12 V, 1.3 kW

Replacing: SA712, SA661A, SA661, E2AF11001DA, D6TZ11002D, D6TF11001DA, D6TF11001A, D5TF11001DA, D5TF11001AA

Servicing: Ford, Mercury

B+ M8, Length 250.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 105.00 B: 5.00 mm


110225 Starter 12 V

Replacing: SA733, SA709B, SA709A, SA709B, SA709A, E2SZ11002A, E2SF11002AA, E2SF11001AA, E1AZ11002B

Servicing: Ford, Lincoln, Mercury

B+ M8, Length 252.00, Drive type Steel, Gear type DD, Mount. holes 2 (0) Marine type ACR: HC-CARGO 111213.

A: 105.00 B: 16.50 mm


110226 Starter 12 V

Replacing: D6TZ11002B, D6TZ11002A, D6TF11001EA, D6TF11001BA, D6TF11001AA, D6DZ11002B, D6DF11002B, D6BF11001BA

Servicing: Ford, Lincoln, Mercury

B+ 5/16" UNC, Length 248.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 103.70 B: 15.50 mm


110227 Starter 12 V

Replacing: SA709, SA660A, SA660, SA630, SA531, D6OZ11002A, D6OF11001AA, D6OF11002AA, D6OF11002A, D6OF11001AA

Servicing: Ford

B+ M8, Length 250.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 105.00 B: 15.00 mm


110228 Starter 12 V

Replacing: D5AZ11002C, D5AF11001EA, D2AF11001JA, D2AF11001AA, D2AF11001A16C, D1AZ11002A, D1AF11001AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Length 251.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 103.70 B: 11.50 mm


110230 Starter 12 V

Replacing: D42F11001BA, D42F11001AB, D42F11001AA, D2FF11001AB, D2FF11001AA, D22F11001AB, D22F11001AA

Servicing: Ford, Mercury

B+ M8, Length 237.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 103.60 B: 15.50 mm


110231 Starter 12 V

Replacing: E1FF11001BA, D8FF11001BA, D8FF11001AA, D8FF11001A, D6FF1100BA, D6FF11001BA, D6FF11001AA, 5752791

Servicing: American Motors, Jeep

B+ 1/4" UNC, Length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 16.50 mm


110336 Starter 12 V, 0.75 kW

Replacing: 86BB11000EA, 83BB11000FB, 83BB11000FA, 83BB11000AB, 83BB11000AA, 82GB11000CA, 81AB11000BO

Servicing: Ford, Mercury, Triumph

B+ M8, 15a M5, Length 243.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 28.00 mm


110461 Starter 12 V, 2.8 kW

Replacing: 755F11000AB, 755F11000AA, 715F11000MA, 5003643, 1653210, 1653206

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: D9NN11000AA, D8NN11000CE, D8NN11000CB, D8NN11000CA, D7NN11000B, D4NN11000B, D2NN11000B, D1NN11000A

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110465 Starter 12 V, 2.8 kW

Replacing: 1624968, 1526103

Servicing: Ford

B+ M8, B- M8, Length 320.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


110509 Starter 12 V, 1.4 kW

Replacing: D0FF11001B, C7FF11001B, C6FF11001D, C6FF11001B, C6FF11001, C5FF11001D

Servicing: American Motors, Jeep

B+ M8, Length 265.50, Drive type Steel, Gear type DD, Mount. holes 2 (1)

A: 82.50 B: 17.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: D6PZ11350C, C9JF11350A
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110584 Starter 12 V, 1.2 kW
 Replacing: 3960404
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Alternative no.: 116306
 B: -6.00 mm



110810 Starter 12 V, 1.4 kW
 Replacing: SAE792, SAE781, SAE770,
 F12Z11002A, F02Z11002B, E92Z11002A
 Servicing: Ford, Kia, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 73.50 B: 16.00 mm



110831 Starter 12 V, 0.8 kW
 Replacing: 87VB11000AA, 87GX11000AA,
 85GB11000FA, 83BB11000EB, 83BB11000EA,
 83BB11000DA, 83BB11000BB
 Servicing: Ford
 B+ M8, Length 258.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 31.00 mm



110842 Starter 12 V, 1.4 kW
 Replacing: SAE762, E8RY11002A,
 E7RY11002A, 91GX11000AB, 91GX11000AA,
 91GB11000AB, 91GB11000AA, 86GB11000JB
 Servicing: Ford, Merkur
 B+ M8, Length 243.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 5.35 mm



110867 Starter 12 V, 1.7 kW
 Replacing: 92AX11000HB, 91AB11000PA,
 91AB11000GB, 91AB11000GA, 91AB11000EB,
 89AB11000AA, 86AB11000AC
 Servicing: Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 14.25 mm



111030 Starter 12 V, 1.4 kW
 Replacing: R95GX11000EA, 95GX11000EA,
 95GB11000FA, 95GB11000EA, 95GB11000CA,
 92BB11000AA, 91BX11000FX
 Servicing: Ford, Volvo
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 A: 76.20 B: 14.00 mm



111102 Starter 12 V, 0.8 kW
 Manufacturer: Lucas
 Replacing: 71AB11001BA
 Servicing: Austin, Lotus, MG, Plymouth,
 Triumph, Vauxhall
 B+ M7, Length 310.80, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 A: 88.85 B: 45.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: R92AX11000JB, R92AX11000HB,
 R92AB11000FB, R91BB11000JA, R91AX11000KB,
 R91AX11000JB, R91AX11000HB
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111183 Starter 12 V, 1.4 kW
 Replacing: SA841, SA-841, F7SZ11002AA,
 F7SU11000AB, F7SU11000AA, F7SU11000A2B,
 F7SU11000A1B, E9SF11000AB
 Servicing: Ford, Lincoln, Mercury
 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 105.00 B: 15.00 mm



111224 Starter 12 V, 4.0 kW
 Replacing: C3OF11001B
 Servicing: John Deere
 B+ M10, Length 402.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 88.90 B: 47.60 mm



111300 Starter 12 V, 1.4 kW
 Replacing: SBA185086500, SBA185086410
 Servicing: Bobcat, Ford, Volvo Penta
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 21.00 mm



111374 Starter 12 V, 1.5 kW
 Replacing: YS8Z11002AA, Y8SZ11002AA, SA898, SA815, SA-815, R93BB11000KD, R93BB11000KC, F3RZ11002C, 98BB11000AA
 Servicing: Ford, Jaguar, Mazda, Mercury
 B+ M8, Length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)



111680 Starter 12 V, 1.1 kW
 Replacing: 97KB11000AC, 97KB11000AB, 1030151
 Servicing: Ford
 B+ M8, Length 211.75, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (2)
 A: 72.00 B: 15.00 mm



111730 Starter 12 V, 1.0 kW
 Replacing: F7RU11000AA
 Servicing: Mazda, Peugeot
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 73.90 B: 13.00 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 92AB11000JA, 92AB11000GA, 81BB11000AA, 6816678
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



111844 Starter 12 V, 1.4 kW
 Replacing: SA853, SA776, SA-853, SA-776, F7PZ11002KA, F7PU11000KA, F0TZ11002B, F07U11000BA, 3852582
 Servicing: Ford, Mazda
 B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 104.00 B: 14.00 mm



111900 Starter 12 V, 1.8 kW
 Replacing: 97VW11000AA, 95VW11000GC, 95VW11000GA, 95VW11000CC, 95VW11000CB, 1072559, 1059564, 1029405, 1012395
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 235.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503
 A: 76.00 B: 53.00 mm



111906 Starter 12 V, 1.1 kW
 Replacing: YS4U11000BB, YS4U11000BA, YS4U11000AD, YS4U11000AB, YS4U11000AA, R96FB11000LD, R96FB11000LC
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 26.35 mm



111909 Starter 12 V, 1.1 kW
 Replacing: 95VW11000BC, 95VW11000BB, 95VW11000BA, 1072156
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504
 A: 76.25 B: 32.00 mm



112016 Starter 12 V
 Replacing: SA746, SA-746, E47F10001AA, E3TZ11002E
 Servicing: Ford
 B+ M6, Length 242.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)
 A: 104.00 B: 15.00 mm



112074 Starter 12 V, 3.1 kW
 Replacing: F0NN11000CA, F0NN11000BA, 898821291, 89821291, 82013922, 82007917, 82005342, 81866002, 3918688
 Servicing: Ford, New Holland
 B+ M8, Length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112089 Starter 12 V
 Replacing: SA768A, E8HZ11002HA, E8HZ11002A, E8HT11001AA, E6HZ11002D, E6HZ11002C, E6HT11001CA, C6TZ11002E
 Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo
 B+ 1/2" UNC, B- 1/2" UNC, Length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed
 Replacing: 42MT., Insulated return
 A: 92.00 B: 46.00 mm



112166 Starter 12 V, 1.7 kW
 Replacing: 95VW11000DA, 7203211
 Servicing: Ford, VW
 B+ M8, Length 288.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm


112177 Starter 12 V, 1.7 kW

Replacing: SBA185086650, SBA185086551

Servicing: Ford, New Holland

 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


112235 Starter 12 V, 1.4 kW

 Replacing: YS4U11000DD, YS4U11000DC,
 YS4U11000DB, YS4U11000DA, XS7U11000CC,
 XS7U11000CB, XS7U11000C4A1

Servicing: Ford, Mazda, Mercury

 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)

A: 76.10 B: 13.00 mm


112251 Starter 12 V, 2.3 kW

 Replacing: R98VB11000B1A, R835X11000AC,
 R835F11000BB, R835F11000AC, 98VB11000BC,
 98VB11000BBB, 98VB11000BA

Servicing: Ford, LDV

 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 91.90 B: 20.50 mm


112267 Starter 12 V, 2.5 kW

 Replacing: SA739, SA-739, F3TU11000AA,
 E8TZ11002A, E8TZ11000AA, E8TF11000AA,
 E5TZ11002B, E5TF11000AA

Servicing: Bobcat, Cummins, Ford

 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)

A: 89.00 B: 46.50 mm


112276 Starter 12 V, 2.5 kW

 Replacing: SA817, SA-817, F5TU11002A,
 F5TU11000AD, F5TU11000AB, F5TU11000AA,
 F4TZ11002A

Servicing: Ford

 B+ M10, Length 288.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 88.90 B: 34.00 mm


112286 Starter 12 V, 1.7 kW

 Replacing: 97VW11000BB, 97VW11000BA,
 95VW11000EC, 95VW11000EB, 1M2111000AA,
 1032666

 Servicing: Audi, Ford, Mercedes-Benz, Seat,
 Skoda, VW

 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 76.10 B: 32.00 mm


112290 Starter 12 V, 2.2 kW

 Replacing: R98AB11000AD, R98AB11000AC,
 R92AB11000HB, R92AB11000HA, R91AB11000HA,
 R91AB11000FA, R89AB11000CA

Servicing: Ford, Mazda

 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)

A: 76.00 B: 15.00 mm


112340 Starter 12 V, 1.4 kW

 Replacing: SA814, SA-814, R93BB11000JC,
 R93BB11000JB, F3RZ11002B, 93BB11000JC,
 93BB11000JB, 93BB11000JA

Servicing: Ford, Mazda, Mercury

 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)

A: 76.00 B: 4.00 mm


112429 Starter 12 V, 2.0 kW

 Replacing: YM2111000BB, YM2111000BA,
 1147432, 1111210

Servicing: Audi, Ford, Seat, Skoda, VW

 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 62.00 mm


112586 Starter 12 V, 1.4 kW

 Replacing: SA871, SA833, SA832, SA-871,
 SA-833, SA-832, F8DZ11002AA, F8DU11000AA,
 F68Z11002BA, F68Z11002AB

Servicing: Ford, Lincoln, Mercury

 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 15.00 mm


112600 Starter 12 V, 1.4 kW

 Replacing: SA857, SA-857, F87Z11002AA,
 F87U11000AA, F87U11000A1B, F87U11000A1A

Servicing: Ford, Mazda

 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 15.00 mm


112603 Starter 12 V, 1.5 kW

 Replacing: SA885, SA855, SA-885, SA-855,
 F7PZ11002EA, F7PZ-11002-EA, F7PU11000EA,
 F7PU-11000-EA

Servicing: Ford

 B+ M8, Length 225.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)

A: 105.00 B: 12.00 mm



112608 Starter 12 V, 1.4 kW

Replacing: YC3U11000AA, SA873, SA-873, F81Z11002AA, F81Z11002A, F81U11000AE, F81U11000AD, F81U11000AC

Servicing: Ford, Lincoln

B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

A: 76.00 B: 14.00 mm



112646 Starter 12 V, 1.4 kW

Replacing: SA849, SA842, SA838, SA-849, SA-842, SA-838, F7LZ11002BA, F7LZ11002B, F7LU11000BA, F7LU11000AA

Servicing: Ford, Lincoln, Mercury

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 15.00 mm



112821 Starter 12 V, 2.2 kW

Replacing: YC1U11000AG, YC1U11000AF, YC1U11000AE, YC1U11000AD, YC1U11000AC, YC1U11000AB, YC1U11000AA

Servicing: Ford, Jaguar

B+ M8, Length 250.80, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

Alternative no.: 115870

B: 36.00 mm



112963 Starter 12 V, 1.4 kW

Replacing: SA732, SA-732, E4DF11001AA, E4DF-11001-AA, E3TZ11002D, E3TZ-11002-D, E37F11001AA, E37F11001A

Servicing: Ford, Mercury, Merkur

B+ M6, Length 243.25, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)

A: 105.00 B: 14.00 mm



113222 Starter 12 V, 1.4 kW

Replacing: SA785, SA-785, F1TZ11002A, F17U11000AB, F17U-11000-AB

Servicing: Ford, Ford USA, Mazda

B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 103.50 B: 14.50 mm



113303 Starter 12 V, 2.2 kW

Replacing: 6G9N11000KB

Servicing: Volvo

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 76.00 B: 0.00 mm



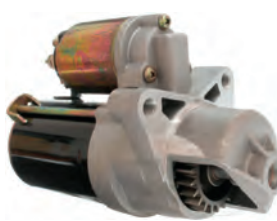
113696 Starter 12 V, 2.0 kW

Replacing: SBA185086530

Servicing: Ford, New Holland

B+ M8, Length 219.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



113701 Starter 12 V, 1.1 kW

Manufacturer: Visteon

Replacing: R97KB11000AC1, R97KB11000AC, R97KB11000AB, 97KB11000AA, 96FB11000ME, 96FB11000MD, 96FB11000MC

Servicing: Ford, Mazda

B+ M8, Length 218.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (2)

Alternative no.: 116329

A: 71.00 B: 14.00 mm



113702 Starter 12 V, 2.2 kW

Replacing: XM3411002CA, F8RU11000AA, 4348654, 3601369

Servicing: Ford, Mazda

B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)

A: 81.50 B: 17.50 mm



113703 Starter 12 V, 3.0 kW

Replacing: 6C2Z11002A, 6C2T11000AA, 6C2T11000A, 3C3Z11002AA, 3C3Z11002A, 3C3U11000AC, 3C3U11000AB

Servicing: Ford

B+ M10, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 76.00 B: 47.00 mm



113794 Starter 12 V, 1.4 kW

Replacing: 1S7U11000AG, 1S7U11000AF, 1S7U11000AE, 1S7U11000AD, 1S7U11000AC, 1S7U11000AB, 1S7U11000AA, 1465010

Servicing: Ford

B+ M8, Length 214.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

B: 30.50 mm



113905 Starter 12 V, 1.4 kW

Manufacturer: Visteon

Replacing: 8V2111000AE, 8V2111000AD, 8V2111000AC, 8V2111000AB, 2S6U11000EE, 2S6U11000ED, 2S6U11000EC

Servicing: Ford, Mazda

B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

Alternative no.: 116159

B: 13.00 mm



113906 Starter 12 V, 1.2 kW

Replacing: DG9T11000AB, DG9T11000AA, BB5T11000BA, 8S4T11000AA, 6S4T11000AA, 6G9N11000AB, 6G9N11000AA

Servicing: Ford, Volvo

B+ M8, Length 214.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
B: 29.00 mm



113908 Starter 12 V, 1.2 kW

Manufacturer: Visteon

Replacing: BG9T11000AA, 3M5T11000CF, 3M5T11000CE, 3M5T11000CD, 3M5T11000CC, 3M5T11000CB, 2109635, 1707507

Servicing: Ford, Mazda, Volvo

B+ M8, Length 200.30, Drive type Steel, Gear type GR, Mount. holes 3 (2)
Alternative no.: 116062
B: 14.00 mm



113910 Starter 12 V, 1.4 kW

Replacing: 4443760, 4424968, 4033064, 2T1411000CC, 2T1411000CB, 2T1411000CA, 2T1411000BC, 2T1411000BB

Servicing: Ford

B+ M8, Length 209.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
A: 76.00 B: 15.00 mm



113911 Starter 12 V, 2.2 kW

Manufacturer: Visteon

Replacing: 6G9N11000FA, 4M5T11000FD, 4M5T11000FC, 4M5T11000FB, 4M5T11000FA, 3M5T11000DC, 3M5T11000DB

Servicing: Ford, Volvo

B+ M8, Length 243.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)
Alternative no.: 116157
A: 62.50 B: -5.95 mm



113959 Starter 12 V, 2.0 kW

Replacing: CC1T11000AB, 7H1211002AC, 7H1211002AB, 7C1911000AB, 6C1T11000AF, 6C1T11000AE, 6C1T11000AD

Servicing: Citroen, Fiat, Ford, Land Rover, Peugeot
B+ M8, Length 261.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 115510

A: 89.00 B: 36.00 mm



113962 Starter 12 V, 0.9 kW

Replacing: BS5111000CA, 9S5111000AB, 9S5111000AA, 1726802, 1567033, 1542468

Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia
B+ M8, Length 169.60, Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm

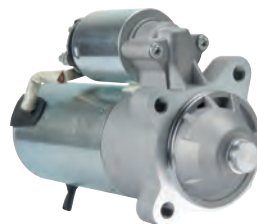


113968 Starter 12 V, 3.6 kW

Replacing: F1NN11000AA, F0NN7H022BA, 82013923, 82005343

Servicing: New Holland

B+ M8, Length 330.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
A: 92.00 B: 20.00 mm



114092 Starter 12 V, 2.0 kW

Replacing: 6G9N11000EC, 6G9N11000EB, 6G9N11000EA, 4M5T11000KE, 4M5T11000KD, 4M5T11000KC, 4M5T11000KB, 1728770

Servicing: Ford

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
A: 76.00 B: 6.00 mm



114119 Starter 12 V, 2.2 kW

Replacing: 98AB11000AD, 97BB11000B3D, 1S4U11000AB, 1S4U11000AA, 1133994

Servicing: Ford

B+ M8, Length 256.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
A: 76.00 B: 14.50 mm



114162 Starter 12 V, 1.1 kW

Replacing: 4S6911000AA, 2S6U11000DC, 2S6U11000DB, 2S6U11000DA, 1564732, 1309581, 1149703

Servicing: Ford

B+ M8, Length 201.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
A: 76.00 B: 15.00 mm



114315 Starter 12 V, 1.4 kW

Replacing: 3M5T11000EA, 1374049

Servicing: Changan Ford Mazda, Ford, Volvo

B+ M8, Length 213.50, Drive type Steel, Gear type GR, Mount. holes 3 (2)
A: 76.00 B: 0.00 mm



114746 Starter 12 V, 1.4 kW

Replacing: 6G9N11000CD, 6G9N11000CC

Servicing: Volvo

B+ M8, Length 224.00, Gear type GR, Mount. holes 3 (0)
A: 56.00 B: -7.00 mm



115312 Starter 12 V, 1.1 kW
 Replacing: FS5111000AA, 1881471, 1715776
 Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia
 B+ M8, Length 218.00, Gear type GR, Mount. holes 3 (1)
 A: 64.00 B: 10.50 mm



115400 Starter 12 V, 1.4 kW
 Replacing: BS5111000BA, 1726350
 Servicing: Alfa Romeo, Citroen, Fiat, Ford, Lancia, Peugeot
 B+ M8, Length 230.00, Gear type GR, Mount. holes 2 (1)
 A: 64.00 B: 24.00 mm



115405 Starter 12 V, 2.2 kW
 Replacing: 6G9N11000GC, 6G9N11000GB, 6G9N11000GA, 1529431, 1476606, 1427763
 Servicing: Ford
 B+ M8, Length 244.00, Gear type GR, Mount. holes 3 (3)
 A: 63.00 B: -5.50 mm



115468 Starter 12 V, 2.0 kW
 Replacing: 6G9N11000NB, 6G9N11000NA
 Servicing: Land Rover
 B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (3)
 B: -5.00 mm



115523 Starter 12 V, 2.3 kW
 Replacing: YM2111000GA, 1118212
 Servicing: Audi, Ford, Seat, VW
 B+ M8, Length 238.00, Gear type GR, Mount. holes 2 (0)
 B: 37.00 mm



115555 Starter 12 V, 1.0 kW
 Manufacturer: Valeo
 Replacing: CV6T11000GF, CV6T11000GE, CV6T11000GD, CV6T11000GC, CV6T11000GB, CV6T11000GA, 2197568, 1911580
 Servicing: Ford
 B+ M8, Length 178.00, Gear type DD, Mount. holes 2 (1)
 A: 86.00 B: 20.00 mm



115641 Starter 12 V, 1.4 kW
 Replacing: 6G9N11000JB, 6G9N11000JA, 1525795, 1379703
 Servicing: Ford, Volvo
 B+ M8, Length 203.50, Gear type GR, Mount. holes 2 (2)
 B: 0.00 mm



115725 Starter 12 V, 2.0 kW
 Replacing: AH5211001AC, 6G9N11000MB, 6G9N11000MA
 Servicing: Land Rover
 B+ M8, Length 220.00, Gear type GR, Mount. holes 3 (3)
 B: -5.00 mm



115732 Starter 12 V, 1.7 kW
 Replacing: CC1T11000BB, CC1T11000BA, 1741087
 Servicing: Ford
 B+ M8, Length 253.00, Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 18.00 mm



115769 Starter 12 V, 2.3 kW
 Replacing: 9M5T11000AA, 9M5N11000AA, 1687623
 Servicing: Volvo
 B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (2)
 B: 13.00 mm



115870 Starter 12 V, 2.1 kW
 Manufacturer: Visteon
 Replacing: YC1U11000AG, YC1U11000AF, YC1U11000AE, YC1U11000AB, YC1U11000AA, XS7U11000AE, XS7U11000AB
 Servicing: Ford, Jaguar
 B+ M8, Length 256.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 112821
 B: 36.00 mm



115943 Starter 12 V, 1.1 kW
 Replacing: 6G9N11000LC, 6G9N11000LB, 6G9N11000LA
 Servicing: Land Rover
 B+ M8, Length 202.00, Gear type GR, Mount. holes 2 (0)
 A: 56.00 B: -7.00 mm



115982 Starter 12 V, 2.7 kW
 Replacing: 7H4211001AC, 7H4211001AB
 Servicing: Land Rover
 B+ M10, Length 278.00, Gear type GR,
 Mount. holes 2 (2)
 A: 80.00 B: 17.00 mm



115986 Starter 12 V, 2.5 kW
 Replacing: CC1T11000DC, CC1T11000DB,
 CC1T11000DA, 1745176, 1740948
 Servicing: Citroen, Ford, Peugeot
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 35.00 mm



116049 Starter 12 V, 1.2 kW
 Manufacturer: Visteon
 Replacing: AV6N11000CA, AMEV3C11000BA,
 1685834
 Servicing: Ford, Volvo
 B+ M8, Length 202.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 26.00 mm



116050 Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: CV6T11000DB, 1787954
 Servicing: Ford
 B+ M8, Length 222.50, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 27.00 mm



116052 Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: AMEV3C11000AA
 Servicing: Volvo
 B+ M8, Length 204.50, Gear type GR,
 Mount. holes 2 (2)
 B: 0.00 mm



116062 Starter 12 V, 1.2 kW
 Replacing: BG9T11000AA, 3M5T11000CF,
 3M5T11000CE, 3M5T11000CD, 3M5T11000CC,
 3M5T11000CB, 2109635, 1707507
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113908
 B: 14.00 mm



116065 Starter 12 V, 2.2 kW
 Replacing: CC1T11000EC, CC1T11000EB,
 CC1T11000EA, 1745178, 1741089
 Servicing: Ford
 B+ M8, Length 255.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 18.00 mm



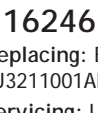
116157 Starter 12 V, 2.2 kW
 Replacing: 6G9N11000FA, 4M5T11000FD,
 4M5T11000FC, 4M5T11000FB, 4M5T11000FA,
 3M5T11000DC, 3M5T11000DB
 Servicing: Ford, Volvo
 B+ M8, Length 243.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 113911
 A: 62.50 B: -5.95 mm



116159 Starter 12 V, 1.4 kW
 Replacing: 8V2111000AE, 8V2111000AD,
 8V2111000AC, 8V2111000AB, 2S6U11000EE,
 2S6U11000ED, 2S6U11000EC
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113905
 B: 14.00 mm



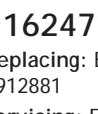
NEW PRODUCT
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116246* Starter 12 V, 1.9 kW
 Replacing: EJ3211001AD, EJ3211001AC,
 EJ3211001AB
 Servicing: Land Rover



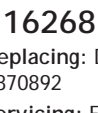
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116247* Starter 12 V, 2.2 kW
 Replacing: BK3T11000DB, BK3T11000CB,
 1912881
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 34.50 mm



NEW PRODUCT
www.hc-cargo.com



116268 Starter 12 V, 1.8 kW
 Replacing: DS7T11000LE, DS7T11000LD,
 1870892
 Servicing: Ford
 B+ M8, Length 231.50, Gear type GR,
 Mount. holes 3 (3)
 A: 62.00 B: -5.00 mm



116286 Starter 12 V, 2.0 kW

Replacing: AH2211001AF, AH2211001AE, AH2211001AD, AH2211001AC

Servicing: Land Rover

B+ M8, Length 242.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 25.50 mm



NEW PRODUCT
www.hc-cargo.com

116306 Starter 12 V, 1.2 kW

Replacing: 3960404

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

Remanufactured unit. No surcharge.

Alternative no.: 110584

B: -6.00 mm



116316 Starter 12 V, 2.0 kW

Replacing: AV6N11000GE, AV6N11000GD, AV6N11000GC, AV6N11000GB, AV6N11000GA, 2033247, 1898356, 1778016, 1715211

Servicing: Ford

B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (2)

Alternative no.: 115684

B: 14.00 mm



NEW PRODUCT
www.hc-cargo.com

116421* Starter 12 V, 2.0 kW

Replacing: CV2T11000AC, CV2T11000AB, CV2T11000AA, 2033252

Servicing: Ford

B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (2)

B: 14.00 mm

STARTERS



110811 Starter 12 V, 1.2 kW
 Replacing: SMD172860
 Servicing: Dodge, Eagle, Great Wall,
 Hyundai, Kia, Mazda, Mitsubishi, Plymouth
 B+ M8, Length 206.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.25 mm



110158 Starter 12 V, 1.2 kW
 Replacing: HSC107100
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,
 Plymouth, Proton
 B+ M8, Length 190.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



110576 Starter 24 V, 3.2 kW
 Replacing: HSG232500
 Servicing: Mitsubishi
 B+ M8, Length 250.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 60.00 B: 18.00 mm



110807 Starter 12 V, 0.85 kW
 Replacing: HSC108100
 Servicing: Ford, Kia, Mazda, Opel
 B+ M8, Length 197.25, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



110809 Starter 12 V, 2.0 kW
 Replacing: HSG120500
 Servicing: Dodge, Hyundai, Mitsubishi, Proton
 B+ M8, Length 241.45, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 3.00 mm



110811 Starter 12 V, 1.2 kW
 Replacing: HSP112110
 Servicing: Dodge, Eagle, Great Wall,
 Hyundai, Kia, Mazda, Mitsubishi, Plymouth
 B+ M8, Length 206.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.25 mm



110958 Starter 12 V, 0.9 kW
 Replacing: HSC109120
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi,
 Plymouth
 B+ M8, Length 191.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 10.80 mm



111307 Starter 12 V, 1.2 kW
 Replacing: HSP112160
 Servicing: Hyundai, Kia
 B+ M8, Length 212.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



114388 Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 9HT12010A6A
 Servicing: Hattat Tarim, JCB, Perkins
 B+ M8, B- M8, 30h M10, Length 296.50,
 Gear type GR, Mount. holes 3 (0)
Iskra version.
 Alternative no.: 116308
 A: 89.00 B: 29.50 mm


110142 Starter 12 V, 1.0 kW

Replacing: S114-97, S114-87M, S114-87K, S114-87, S114-55, S114-208, S114-163F, S114-163E, S114-163B, S114-163

Servicing: Nissan

B+ M8, Length 216.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm


110144 Starter 12 V, 1.0 kW

Replacing: S114-174, S114-170E, S114-170B, S114-170, S114-108M, S114-108L, S114-108, S114-103P, S114-103N

Servicing: Nissan, TCM

B+ M8, Length 194.30, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 8.00 mm


110155 Starter 12 V, 1.0 kW

Replacing: S114-91K, S114-91

Servicing: Komatsu, Nissan, TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm


110156 Starter 12 V, 0.8 kW

Replacing: S114-164A, S114-164, S114-151L, S114-151, S114-150L, S114-150

Servicing: Komatsu

B+ M8, Length 218.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 70.00 B: 21.00 mm


110160 Starter 12 V, 1.2 kW

Replacing: S114-237, S114-232A, S114-232

Servicing: Volvo

B+ M8, 15a 6.30, Length 240.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 82.45 B: 35.00 mm


110249 Starter 12 V, 0.8 kW

Replacing: S114-614, S114-606C, S114-606A, S114-606, S114-566, S114-396D, S114-396

Servicing: Honda, Nissan, Rover

B+ M8, Length 209.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 75.00 B: 34.75 mm


110260 Starter 12 V, 1.0 kW

Replacing: LR160-12B

Servicing: Toyota, VW

B+ M8, Length 197.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 73.80 B: 20.00 mm


110277 Starter 12 V, 0.8 kW

Replacing: S114-426, S114-348A, S114-348, S114-229F, S114-229E, S114-229, S114-173F, S114-173E, S114-173B

Servicing: Nissan

B+ M8, Length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm


110278 Starter 12 V, 0.8 kW

Replacing: S114-320A, S114-320, S114-319

Servicing: Nissan

B+ M8, Length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm


110279 Starter 12 V, 0.8 kW

Replacing: S114-568A, S114-568, S114-402A, S114-402, S114-364, S114-316, S114-315

Servicing: Nissan

B+ M8, Length 227.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 42.00 mm


110280 Starter 12 V, 1.2 kW

Replacing: S114-344, S114-268A, S114-268, S114-258C, S114-258A, S114-258, S114-254F, S114-254D, S114-254C

Servicing: Nissan

B+ M8, Length 214.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 7.20 mm


110386 Starter 12 V, 1.9 kW

Replacing: S13-38B, S13-38A, S13-36, S12-68D, S12-68C, S12-68B, S12-68A, S12-68, S12-63C, S12-63B, S12-63A

Servicing: Nissan

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 10.50 mm



110412 Starter 12 V, 2.2 kW
 Replacing: S13-33B, S13-33A, S13-33, S13-28, S13-27A, S13-27, S13-25, S13-123, S13-111, S13-06A, S13-06
 Servicing: Isuzu, John Deere, TCM
 B+ M8, Length 246.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 A: 95.00 B: 20.30 mm



110462 Starter 12 V, 2.8 kW
 Replacing: S13-61A, S13-61
 Servicing: Buhner, Ford, Matbro, New Holland
 B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137
 A: 92.00 B: 20.00 mm



110573 Starter 12 V, 2.0 kW
 Replacing: S13-82B, S13-82A, S13-82, S13-75, S13-120B, S13-120A, S12-58, S12-48
 Servicing: Daewoo, Hyster, Isuzu
 B+ M8, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.80 mm



110417 Starter 12 V, 1.3 kW
 Replacing: S114-625, S114-235B, S114-235A, S114-235, S114-231B
 Servicing: Yanmar
 B+ M8, Length 194.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 89.00 B: 17.50 mm



110485 Starter 12 V, 1.4 kW
 Replacing: S114-450, S114-116
 Servicing: Thermo King, Yanmar
 B+ M8, Length 191.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



110574 Starter 12 V, 2.0 kW
 Replacing: S14-205A, S14-205, S13-327A, S13-327, S13-307A, S13-213, S13-212, S13-106E, S13-106C, S13-106B
 Servicing: Nissan
 B+ M8, Length 224.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 94.90 B: 11.00 mm



110439 Starter 12 V, 2.0 kW
 Replacing: S12-87, S12-85
 Servicing: Buhner, Compair, Eicher, Massey Ferguson
 B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110552 Starter 12 V, 1.2 kW
 Replacing: S114-381
 Servicing: Ford, JCB, John Deere, Volvo Penta
 B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



110575 Starter 12 V, 2.0 kW
 Replacing: S13-305A, S13-305, S13-105A, S13-105, S114-105
 Servicing: Nissan
 B+ M8, Length 218.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 3.50 mm



110443 Starter 12 V, 2.1 kW
 Replacing: S12-84
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110565 Starter 12 V, 2.8 kW
 Replacing: S13-74, S13-73B, S13-73, S12-73
 Servicing: Eicher, Massey Ferguson
 B+ M8, B- M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110580 Starter 24 V, 4.5 kW
 Replacing: S25-135A, S25-135, S25-103, S25-100A, S25-100
 Servicing: Isuzu
 B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.


110616 Starter 24 V, 4.5 kW

Replacing: S25-75A, S25-75, S25-64F, S25-64E, S25-64B, S25-64, S25-164A, S25-164, S25-162, S25-110M, S25-110L

Servicing: Nissan

B+ M8, Length 303.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 105.00 B: 33.00 mm


110617 Starter 12 V, 1.2 kW

Replacing: S114-23K, S114-184

Servicing: Nissan

B+ M8, Length 249.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 30.00 mm


110719 Starter 12 V, 2.0 kW

Replacing: S13-92A, S13-92, S13-63, S13-46A, S13-45B, S13-45A, S13-45, S13-40B, S13-40A, S13-40, S13-34A

Servicing: Nissan

B+ M8, Length 227.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 11.50 mm


110723 Starter 24 V, 3.5 kW

Replacing: S25-212, S25-120A, S25-120, S24-13, S24-03C, S24-03B, S24-03A

Servicing: Isuzu

B+ M8, Length 248.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 94.90 B: 21.00 mm


110807 Starter 12 V, 0.85 kW

Replacing: S114-550A, S114-550

Servicing: Ford, Kia, Mazda, Opel

B+ M8, Length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm


110820 Starter 12 V, 2.0 kW

Replacing: S13-89D, S13-89C, S13-89B, S13-89A, S13-89, S13-289A, S13-289, S13-211, S12-89

Servicing: Thermo King

B+ M8, Length 229.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 19.50 mm


111010 Starter 12 V, 1.4 kW

Replacing: S114-501A, S114-501

Servicing: Audi, VW

B+ M8, 15a 6.30, Length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 20.80 mm


111023 Starter 12 V, 1.4 kW

Replacing: S114-461B, S114-461A, S114-461

Servicing: Nissan

B+ M8, Length 221.25, Drive type Steel, Gear type GR, Mount. holes 2 (0) mm


111059 Starter 12 V, 0.9 kW

Replacing: S114-553A, S114-553

Servicing: Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0) Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


111098 Starter 12 V, 1.0 kW

Replacing: S114-385

Servicing: Iseki

B+ M8, Length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 80.00 B: 21.60 mm


111120 Starter 12 V, 2.2 kW

Replacing: S13-91A, S13-91

Servicing: Volvo, VW

B+ M8, Length 272.65, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 82.35 B: 21.60 mm


111136 Starter 12 V, 1.4 kW

Replacing: S114-480B, S114-480A, S114-480, S114-473

Servicing: Opel, Vauxhall

B+ M8, Length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 77.90 B: 19.00 mm



111247 Starter 24 V, 3.5 kW
 Replacing: S25-121A, S25-121, S24-07
 Servicing: Isuzu
 B+ M8, Length 243.25, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 20.75 mm



111274 Starter 12 V, 1.2 kW
 Replacing: S114-481A, S114-481
 Servicing: Opel, Vauxhall
 B+ M8, Length 214.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 77.50 B: 18.50 mm



111303 Starter 12 V, 0.8 kW
 Replacing: S114-775A, S114-775, S114-758,
 S114-570C, S114-570B, S114-570A, S114-570
 Servicing: Jaguar, Nissan
 B+ M8, Length 185.15, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (1)
 A: 69.95 B: 11.15 mm



111312 Starter 12 V, 0.8 kW
 Replacing: S114-769H, S114-769A, S114-769,
 S114-630, S114-617A, S114-617, S114-569B,
 S114-569A, S114-569
 Servicing: Nissan
 B+ M8, Length 221.70, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 70.00 B: 43.00 mm



111382 Starter 12 V, 1.4 kW
 Replacing: S114-801D, S114-801C, S114-801B,
 S114-801A, S114-801
 Servicing: Infiniti, Nissan
 B+ M8, Length 229.85, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 75.00 B: 56.25 mm



111445 Starter 12 V, 2.0 kW
 Replacing: S13-502A, S13-502, S13-302B,
 S13-302A, S13-302, S13-102, S13-101
 Servicing: Nissan, Toyota
 B+ M8, Length 231.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 8.00 mm



111452 Starter 12 V, 0.8 kW
 Replacing: S114-839, S114-780, S114-505A,
 S114-505
 Servicing: TCM
 B+ M8, Length 191.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 7.80 mm



111459 Starter 12 V, 1.2 kW
 Replacing: S114-802A, S114-800C, S114-800B,
 S114-800A, S114-800, S114-767, S114-766A,
 S114-766, S114-750
 Servicing: Jaguar, Nissan
 B+ M8, Length 207.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 70.00 B: 11.50 mm



111534 Starter 12 V, 1.4 kW
 Replacing: S114-890A, S114-890, S114-850E,
 S114-850D, S114-850C, S114-850B, S114-
 850A, S114-850
 Servicing: Opel, Vauxhall
 B+ M8, Length 188.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 77.90 B: 19.00 mm



111558 Starter 24 V, 3.5 kW
 Replacing: S25-156
 Servicing: Nissan
 B+ M8, Length 333.60, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 A: 105.00 B: 9.00 mm



111559 Starter 12 V, 2.0 kW
 Replacing: S14-210A, S14-210, S14-203,
 S13-210C, S13-210B, S13-114B, S13-114A,
 S13-114, S13-112A, S13-112
 Servicing: Isuzu, Opel, Vauxhall
 B+ M8, Length 223.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 10.50 mm



111586 Starter 12 V, 1.4 kW
 Replacing: S114-482
 Servicing: GEO, Suzuki
 B+ M8, Length 207.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.45 B: 11.00 mm



111608 Starter 12 V, 1.4 kW
 Replacing: S114-523
 Servicing: Infiniti, Nissan
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.25 B: 43.00 mm



111683 Starter 12 V, 2.0 kW
 Replacing: S13-136
 Servicing: Chevrolet, Clark, GMC, Iseki,
 Isuzu, Opel, TCM
 B+ M8, Length 232.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 95.00 B: 19.50 mm



111690 Starter 12 V, 1.1 kW
 Replacing: S114-808D, S114-808C, S114-808B,
 S114-808A, S114-808
 Servicing: Opel, Vauxhall
 B+ M8, Length 193.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (1)
 A: 78.00 B: 19.50 mm



111706 Starter 12 V, 1.0 kW
 Replacing: S114-303A, S114-303
 Servicing: Yanmar
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 70.00 B: 17.50 mm



111766 Starter 12 V, 1.1 kW
 Replacing: S114-323C, S114-323B, S114-323A,
 S114-323
 Servicing: Yamaha, Yanmar
 B+ M8, Length 222.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 67.00 B: 32.00 mm



111805 Starter 12 V, 2.5 kW
 Replacing: S13-127C, S13-127A, S13-127,
 S13-107A, S13-107
 Servicing: Ford, Nissan
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 11.50 mm



111840 Starter 12 V, 0.6 kW
 Replacing: S108-61G, S108-61F, S108-61E,
 S108-61D, S108-61C, S108-61B, S108-61A,
 S108-61, S108-116
 Servicing: Kawasaki
 B+ M8, Length 224.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 62.00 B: 27.00 mm



111917 Starter 12 V
 Replacing: S13-237
 Servicing: Yamaha
 B+ M6, Length 168.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Alternative no.: 116127
 A: 30.00 B: 41.00 mm



112008 Starter 12 V, 0.6 kW
 Replacing: S114-120, S108-94A, S108-94,
 S108-120, S108-112
 Servicing: Suzuki
 B+ M6, Length 201.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 67.00 B: 30.00 mm



112083 Starter 12 V, 2.8 kW
 Replacing: S14-03, S13-555B, S13-555A, S13-
 555, S13-514
 Servicing: Isuzu, Opel, Vauxhall
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 95.00 B: 11.50 mm



112296 Starter 12 V, 1.0 kW
 Replacing: S114-194, S114-134
 Servicing: Yanmar
 B+ M8, Length 206.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 Not oilproof.
 A: 82.00 B: 7.00 mm



112320 Starter 12 V, 1.4 kW
 Replacing: S114-925C, S114-925B, S114-925A,
 S114-925, S114-869, S114-829D, S114-829C,
 S114-829B, S114-829A
 Servicing: Opel, Vauxhall
 B+ M8, Length 194.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 77.90 B: 19.50 mm



112365 Starter 12 V, 2.2 kW
 Replacing: S13-326, S13-322, S13-126A, S13-126, S13-122
 Servicing: Nissan
 B+ M8, Length 224.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 95.00 B: 10.50 mm



112371 Starter 12 V, 2.2 kW
 Replacing: S13-207C, S13-207A, S13-207
 Servicing: Thermo King, Yanmar
 B+ M8, Length 226.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 95.00 B: 21.50 mm



112373 Starter 12 V, 0.9 kW
 Replacing: S114-816A, S114-816, S114-653B, S114-653A, S114-653, S114-443A, S114-443
 Servicing: Yanmar
 B+ M8, Length 192.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)
 A: 80.00 B: 12.00 mm



112374 Starter 12 V, 2.5 kW
 Replacing: S13-94A, S13-94, S13-78, S13-332, S13-294, S13-132, S13-124
 Servicing: Yanmar
 B+ M8, Length 222.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



112382 Starter 12 V, 0.8 kW
 Replacing: S114-949A, S114-949, S114-903A, S114-903
 Servicing: Fiat, Lancia
 B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (1)
 A: 64.50 B: 10.50 mm



112478 Starter 12 V, 0.8 kW
 Replacing: S114-651A, S114-651, S114-414A, S114-414
 Servicing: Yanmar
 B+ M8, Length 192.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 Direct drive version HC-CARGO 116115.
 Alternative no.: 116115
 A: 66.00 B: 14.50 mm



112672 Starter 12 V, 3.0 kW
 Manufacturer: Hitachi
 Replacing: S13-138A, S13-138
 Servicing: Yanmar
 B+ M8, Length 292.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 Alternative no.: 116144
 A: 94.45 B: 20.00 mm



112674 Starter 12 V, 1.3 kW
 Replacing: S114-230A, S114-230, S114-203
 Servicing: Yanmar
 B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (0)
 A: 89.00 B: 23.00 mm



112676 Starter 12 V, 2.2 kW
 Replacing: S13-404, S13-204
 Servicing: Komatsu, Yanmar
 B+ M8, Length 231.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 95.00 B: 20.40 mm



113191 Starter 24 V, 3.5 kW
 Replacing: S25-160, S25-158B, S25-158A, S25-158, 23300-6J04, 23300-6J02
 Servicing: Nissan
 B+ M8, Length 301.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 104.90 B: 10.50 mm



113210 Starter 24 V, 3.2 kW
 Replacing: S25-303A, S25-303, S25-302, S25-125B, S25-125A, S25-125, S24-01D, S24-01C, S24-01B, S24-01
 Servicing: Nissan
 B+ M8, Length 240.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)
 A: 105.00 B: 11.00 mm



113276 Starter 12 V, 1.1 kW
 Replacing: S114-907A, S114-907
 Servicing: Chevrolet, Daewoo, Fiat, Mercedes-Benz, Opel, Saab, Vauxhall
 B+ M8, Length 200.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 67.90 B: 19.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.


113408 Starter 12 V, 1.4 kW

Replacing: S12-47, S114-817A, S114-817, S114-815A, S114-815

Servicing: Yanmar

B+ M8, Length 193.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

HC-CARGO 114281 = 1.7 kW.

A: 94.85 B: 20.00 mm


113675 Starter 24 V, 4.0 kW

Replacing: S25-515C, S25-515B, S25-515A, S25-505G, S25-505E, S25-505C, S25-505A, S25-505, S25-501C, S25-501B

Servicing: Isuzu, Nissan

B+ M8, Length 235.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 94.00 B: 44.10 mm


113680 Starter 12 V, 0.9 kW

Replacing: S114-656A, S114-656

Servicing: Yanmar

B+ M8, Length 189.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 89.00 B: 16.00 mm

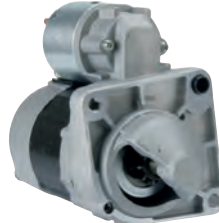

113924 Starter 12 V, 1.4 kW

Replacing: S114-483A, S114-483, S114-349B, S114-349A, S114-349, S114-257H, S114-257G, S114-257D, S114-257C

Servicing: Mustang, Yanmar

B+ M8, Length 226.20, Gear type DD/GR, Mount. holes 2 (0)

A: 95.00 B: 20.00 mm


113962 Starter 12 V, 0.9 kW

Replacing: S114-948, S114-947A, S114-947, S114-943A, S114-943, S114-938, S114-906, S114-905

Servicing: Abarth, Alfa Romeo, Fiat, Ford, Lancia

B+ M8, Length 169.60, Gear type DD/GR, Mount. holes 2 (1)

A: 64.10 B: 10.00 mm


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113976 Starter 12 V, 1.4 kW

Replacing: S114-851A, S114-851

Servicing: Yanmar

B+ M8, Length 188.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 24.00 mm


114032 Starter 12 V, 2.5 kW

Replacing: S13-559B, S13-559A, S13-556A, S13-556, S13-553, S13-527B, S13-527A, S13-527

Servicing: Nissan, Opel, Renault, Renault Trucks, Renault V.I., Vauxhall

B+ M8, Length 214.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.00 mm


114098 Starter 12 V, 3.0 kW

Replacing: S13-160

Servicing: Gehl, Yanmar

B+ M8, Length 242.00, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 20.70 mm


114213 Starter 12 V, 2.0 kW

Replacing: S13-407A, S13-407

Servicing: Thermo King

B+ M8, Length 213.00, Gear type GR, Mount. holes 2 (0)

Alternative no.: 114253

A: 95.00 B: 21.30 mm


114232 Starter 12 V, 2.0 kW

Replacing: S14-413

Servicing: Nissan

B+ M8, Length 233.00, Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm


114253 Starter 12 V, 2.0 kW

Manufacturer: Hitachi

Replacing: S13-407A, S13-407

Servicing: Thermo King

B+ M8, Length 213.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 114213

A: 95.00 B: 21.30 mm


114261 Starter 12 V, 1.0 kW

Replacing: S114-221J, S114-221H, S114-221G, S114-221F, S114-221E, S114-221, S114-220

Servicing: Mercury

B+ M6, Length 198.00, Gear type DD, Mount. holes 3 (3)

A: 66.50 B: 31.50 mm



114281 Starter 12 V, 1.7 kW
 Replacing: S114-883
 Servicing: Case, New Holland, Yanmar
 B+ M8, Length 192.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.10 mm



114308 Starter 12 V, 1.4 kW
 Replacing: S114-875
 Servicing: Audi, VW
 B+ M8, 15a Plug, Length 235.00,
 Gear type GR, Mount. holes 2 (0)
 B: 54.00 mm



114401 Starter 12 V, 1.2 kW
 Replacing: S114-821A, S114-821
 Servicing: John Deere
 B+ M8, Length 193.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 70.00 B: 25.00 mm



114482 Starter 12 V, 2.2 kW
 Replacing: S14-412F, S14-412E, S14-412D,
 S14-412C, S14-412
 Servicing: Opel, Vauxhall
 B+ M8, Length 225.00, Gear type GR,
 Mount. holes 2 (0)
 B: 41.00 mm



114526 Starter 12 V, 2.0 kW
 Replacing: S14-410F, S14-410E, S14-410
 Servicing: BMW, Renault, Saab
 B+ M8, Length 214.00, Gear type GR,
 Mount. holes 3 (0)
 B: 41.50 mm



114675 Starter 12 V, 0.6 kW
 Replacing: S108-80B, S108-80A, S108-80
 Servicing: Mercury
 B+ M6, Length 204.00, Gear type DD,
 Mount. holes 2 (2)
 A: 67.00 B: 32.00 mm



114739 Starter 12 V, 0.8 kW
 Replacing: S114-655D, S114-655A, S114-655
 Servicing: Yanmar
 B+ M8, Length 188.00, Gear type DD,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114747 Starter 12 V, 2.2 kW
 Replacing: S13-558
 Servicing: Komatsu
 B+ M8, Length 225.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114763 Starter 12 V, 1.4 kW
 Replacing: S114-844A, S114-844
 Servicing: Nissan
 B+ M8, Length 206.00, Gear type GR,
 Mount. holes 4 (2)
 A: 75.00 B: 61.00 mm



114764 Starter 12 V, 2.5 kW
 Replacing: S13-551C, S13-551A, S13-551
 Servicing: Nissan
 B+ M8, Length 215.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 11.00 mm



114867 Starter 12 V, 0.9 kW
 Replacing: S114-671A
 Servicing: Suzuki
 B+ M6, Length 196.00, Gear type DD,
 Mount. holes 2 (2)
 A: 57.00 B: 36.00 mm



114874 Starter 12 V, 3.0 kW
 Replacing: S14-102
 Servicing: Bobcat, Gehl, Mustang, Yanmar
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



114875 Starter 12 V, 2.8 kW
 Replacing: S14-407C, S14-407A
 Servicing: Nissan
 B+ M8, Length 213.50, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 11.00 mm



115341 Starter 12 V, 1.0 kW
 Replacing: S114-955, S114-922A, S114-922,
 S114-902C, S114-902B, S114-902A, S114-902
 Servicing: Dongfeng (DFL), Nissan, Nissan
 (Dongfeng), Renault
 B+ M8, Length 193.00, Gear type GR,
 Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



115361 Starter 12 V, 1.0 kW
 Replacing: S114-968, S114-954B, S114-954,
 S114-901B, S114-901A, S114-901
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 182.00, Gear type GR,
 Mount. holes 4 (4)
 A: 70.00 B: 18.50 mm



115450 Starter 12 V, 1.4 kW
 Replacing: S114-939A
 Servicing: Polaris
 B+ M8, Length 197.00, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 18.00 mm



115523 Starter 12 V, 2.3 kW
 Replacing: S13-550, S13-250
 Servicing: Audi, Ford, Seat, VW
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 2 (0)
 B: 37.00 mm



115686 Starter 12 V, 1.4 kW
 Replacing: S114-877C, S114-877B, S114-877A,
 S114-877
 Servicing: Renault
 B+ M8, Length 193.00, Gear type GR,
 Mount. holes 3 (0)
 A: 68.00 B: 9.00 mm



115981 Starter 12 V, 2.5 kW
 Replacing: S13-86, S13-68C, S13-68A, S13-68
 Servicing: Yanmar
 B+ M8, Length 304.00, Gear type GR,
 Mount. holes 3 (0)
 A: 105.00 B: 32.00 mm



116085 Starter 12 V, 2.2 kW
 Manufacturer: Hitachi
 Replacing: S13-118A, S13-118
 Servicing: Nissan
 B+ M8, Length 239.00, Gear type GR,
 Mount. holes 3 (0)
 A: 105.00 B: 10.00 mm



116112 Starter 12 V, 2.5 kW
 Replacing: S13-41D, S13-41C, S13-41B, S13-
 41A, S13-41
 Servicing: John Deere, Yanmar
 B+ M8, Length 297.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 19.00 mm



116127 Starter 12 V
 Manufacturer: Mitsuba
 Replacing: S13-237
 Servicing: Yamaha
 B+ M6, Length 168.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Alternative no.: 111917
 A: 30.00 B: 41.00 mm



116144 Starter 12 V, 3.0 kW
 Replacing: S13-138A, S13-138
 Servicing: Yanmar
 B+ M8, Length 292.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 Alternative no.: 112672
 A: 95.00 B: 20.00 mm



110160 Starter 12 V, 1.2 kW
 Replacing: AZE2545, 11.130.777
 Servicing: Volvo
 B+ M8, 15a 6.30, Length 240.50,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 2 (2)
 A: 82.45 B: 35.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: AZK5191, 11.139.032
 Servicing: Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110365 Starter 12 V, 0.8 kW
 Replacing: AZE3514, AZE1528, AZE1516,
 AZE1214, 11.130.967, 11.130.586,
 11.130.487, 11.130.219
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110205 Starter 24 V, 6.5 kW
 Replacing: AZK5187, 11.139.028
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110212 Starter 24 V, 6.6 kW
 Replacing: AZK5172, 11.139.012
 Servicing: Iveco, Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: AZF3509, AZE3517, AZE3512,
 AZE3506, 11.130.362, 11.130.234,
 11.130.217, 11.130.193, 11.130.162
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 66.00 B: 10.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: AZK5570, AZK5545, AZK5401, 72442831,
 11.139.603, 11.139.506, 11.139.041, 11.130.041
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110213 Starter 24 V, 6.6 kW
 Replacing: AZK5179, 11.139.020
 Servicing: Fiat, Iveco
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110368 Starter 12 V, 2.3 kW
 Replacing: AZJ3567, AZJ3312, AZJ3311,
 AZJ3107, 11.130.886, 11.130.885,
 11.130.399, 11.130.300
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 11.139.106
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110338 Starter 12 V, 0.8 kW
 Replacing: AZE1520, AZE1501, AZE1211,
 AZE0201, AZB0101, 11.130.964, 11.130.519,
 11.130.321
 Servicing: Fiat, Lancia, Zastava
 B+ M8, Length 254.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.90 B: 12.00 mm



110409 Starter 12 V, 3.0 kW
 Replacing: AZK5487, 11.139.140
 Servicing: Kaelble, Mack, Sennebogen
 B+ M10, Length 384.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm


110439 Starter 12 V, 2.0 kW

Replacing: AZK5111, AZJ3544, AZJ3531, AZJ3248, AZJ3114, AZJ0404, 11.130.711, 11.130.408, 11.130.194

Servicing: Buhner, Compair, Eicher, Massey Ferguson

B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 25.00 mm


110442 Starter 12 V, 2.1 kW

Replacing: AZJ3447, 11.131.635

Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro

B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 30.00 mm


110449 Starter 12 V, 3.6 kW

Manufacturer: Prestolite

Replacing: AZK5133, 11.139.038, 11.130.320

Servicing: Caterpillar, Dronningborg, Hyster, Massey Ferguson, Perkins

B+ M8, Length 370.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

Alternative no.: 116326

A: 88.90 B: 48.75 mm


110461 Starter 12 V, 2.8 kW

Replacing: AZJ3279, 11.130.769

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: AZJ3198, AZJ3182, 11.130.624, 11.130.579

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110464 Starter 12 V, 2.1 kW

Replacing: AZJ3324, 11.130.795

Servicing: Carbodies, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Length 336.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


110512 Starter 24 V, 5.4 kW

Replacing: AZK5412, AZK5194, AZK5104, 11.139.052, 11.139.035, 11.130.115, 10.130.123

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110517 Starter 24 V, 3.2 kW

Replacing: AZJ3542, AZJ3520, 11.130.216, 11.130.146

Servicing: BENFRA, Fiat-Allis, Iveco

B+ M10, Length 295.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110518 Starter 24 V, 4.0 kW

Replacing: AZJ3515, AZJ3460, AZJ3131, 11.139.454, 11.130.490, 11.130.124

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110519 Starter 12 V, 3.0 kW

Replacing: AZJ3299, 11.130.862

Servicing: Iveco, Volvo

B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110520 Starter 24 V, 4.0 kW

Replacing: AZK5119, AZJ3593, 11.130.364, 11.130.170, 11.130.121

Servicing: Cummins, Fiat-Allis

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


110521 Starter 24 V, 4.0 kW

Replacing: AZJ3546, AZJ3459, AZJ3133, AZF3542, 11.139.453, 11.130.492, 11.130.225

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110522 Starter 12 V, 3.0 kW

Replacing: AZJ3594, AZJ3461, AZJ3237, 11.139.455, 11.130.697, 11.130.366

 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.50 mm


110523 Starter 24 V, 4.8 kW

Replacing: AZJ3518, AZJ3132, 11.130.491, 11.130.172, 11.130.141, 11.130.075

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

 B+ M10, Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

Replacing: AZJ3589, AZJ3549, AZJ3113, AZJ0501, 11.130.407, 11.130.339, 11.130.230, 11.130.010

Servicing: Mercedes-Benz

 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

Replacing: AZJ3548, AZJ3118, 11.130.412, 11.130.229

Servicing: Claas, Mercedes-Benz

 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110527 Starter 24 V, 4.0 kW

Replacing: AZJ3263, 11.130.743

Servicing: Scania, Steyr

 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Not Insulated return.

A: 89.00 B: 46.50 mm


110530 Starter 12 V, 3.0 kW

Replacing: AZJ3556, AZJ3537, AZJ3503, AZJ3149, 11.130.521, 11.130.253, 11.130.201, 11.130.083

Servicing: Huerlimann, Lamborghini, Same

 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 22.00 mm


110535 Starter 24 V, 5.4 kW

Replacing: AZK5173, 11.139.013

Servicing: Iveco

 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110536 Starter 12 V, 2.7 kW

Replacing: AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402, 11.130.552, 11.130.551, 11.130.484, 11.130.117

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

 B+ M10, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Magneton.

Alternative no.: 116086 , 116139 , 116312

A: 89.00 B: 28.00 mm


110537 Starter 12 V, 3.6 kW

Replacing: AZK5196, AZK5195, AZK5168, AZK5106, AZK5105, 11.139.037, 11.139.036, 11.139.008, 11.130.126

Servicing: Volvo BM

 B+ M10, B- M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110545 Starter 12 V, 3.0 kW

Replacing: AZJ3599, AZJ3525, AZJ3319, AZJ3234, AZJ3119, 11.130.897, 11.130.692, 11.130.414, 11.130.376

Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor

 B+ M10, Length 335.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110551 Starter 12 V, 3.0 kW

Replacing: AZJ3285, 11.130.821

Servicing: Lamborghini, Same, Ursus, Zetor

 B+ M10, Length 326.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110565 Starter 12 V, 2.8 kW

Replacing: AZJ3598, AZJ3536, AZJ3330, AZJ3305, AZJ3203, AZJ3144, AZJ3121, AZJ3117, AZJ3105, AZJ0405, AZE4244

Servicing: Eicher, Massey Ferguson

 B+ M8, B- M8, Length 313.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



110582 Starter 24 V, 5.4 kW
 Replacing: AZK5466, 11.139.117
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110584 Starter 12 V, 1.2 kW
 Replacing: AZE1523, AZE1521, AZE1507,
 AZE1502, AZE1212, AZD3515, AZD2119,
 11.139.404, 11.131.764, 11.130.965
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Alternative no.: 116306
 B: -6.00 mm



110585 Starter 12 V, 1.2 kW
 Replacing: AZF3558, AZF3531, AZF3512,
 AZE1203, 11.130.790, 11.130.582,
 11.130.346, 11.130.208
 Servicing: Renault, Volvo
 B+ M8, Length 214.15, Drive type Steel,
 Gear type DD, Mount. holes 4 (4)
 A: 66.00 B: -2.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: AZF3551, AZF3528, AZF3515,
 11.130.418, 11.130.338, 11.130.233
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: AZK5193, AZK5117, AZK5113,
 11.139.034, 11.130.005, 10.130.121
 Servicing: Mercedes-Benz, Steyr
 B+ M10, Length 386.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



110615 Starter 12 V, 2.8 kW
 Replacing: AZJ3369, AZJ3151, 11.131.070,
 11.130.526
 Servicing: Agco Allis, Agco White, Allis Chalmers,
 Atlas Copco, JCB, Massey Ferguson, Perkins
 B+ M8, B- M8, Length 312.25,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 HC-CARGO 115393 4.0 kW. Alternative HC-
 CARGO 113534.
 A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW
 Replacing: AZJ3534, AZJ3516, AZJ3115,
 11.130.409, 11.130.198, 11.130.127
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
 B+ M10, Length 310.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.00 mm



110793 Starter 12 V, 0.9 kW
 Replacing: AZF3543, AZF3518, 11.130.375,
 11.130.245
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 221.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 66.00 B: 22.00 mm



110807 Starter 12 V, 0.85 kW
 Replacing: AZE1540, 11.130.809
 Servicing: Ford, Kia, Mazda, Opel
 B+ M8, Length 197.25, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



110813 Starter 12 V, 2.7 kW
 Replacing: AZJ3538, AZJ3458, AZE6531,
 11.139.452, 11.131.603, 11.130.203
 Servicing: Agrifull, Allis Chalmers, BENFRA,
 Fiat, Fiat-Allis, Goldoni, Iveco
 B+ M10, Length 294.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW
 Replacing: AZJ3514, AZJ3137, 11.130.500,
 11.130.123
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,
 Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110818 Starter 12 V, 2.1 kW
 Replacing: AZJ3347, AZJ3204, 11.130.972,
 11.130.630
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW
 Replacing: AZJ3389, AZJ3206, AZJ3148, 11.131.162, 11.130.632, 11.130.520
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110866 Starter 12 V, 0.9 kW
 Replacing: AZF3545, 11.130.378, 11.103.234
 Servicing: Renault
 B+ M8, Length 197.65, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



111001 Starter 12 V, 3.0 kW
 Replacing: AZJ3557, AZJ3320, AZF4220, 11.131.829, 11.130.898, 11.130.254
 Servicing: Lamborghini, Same, Steyr
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 21.60 mm



110839 Starter 12 V, 1.7 kW
 Replacing: AZE2507, 11.130.558
 Servicing: Opel, Vauxhall
 B+ M8, Length 269.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 82.00 B: 19.60 mm



110867 Starter 12 V, 1.7 kW
 Replacing: AZE2523, 11.130.647
 Servicing: Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 14.25 mm



111015 Starter 12 V, 1.1 kW
 Replacing: AZD2127, 11.131.928
 Servicing: Lombardini, Various Agriculture Vehicles
 B+ M8, Length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.20 B: 15.00 mm



110847 Starter 12 V, 1.4 kW
 Replacing: AZE2525, 11.130.651
 Servicing: Opel, Saab, Toyota, Vauxhall
 B+ M8, Length 242.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: AZK5188, 11.139.029
 Servicing: Volvo
 B+ M10, B- M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: AZE1531, AZE1215, 11.130.968, 11.130.661
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



110856 Starter 12 V, 0.6 kW
 Replacing: AZE0303, 11.130.134, 11.130.034
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



110981 Starter 24 V, 5.4 kW
 Replacing: AZK5553, AZK5184, 11.139.514, 11.139.025
 Servicing: DAF
 B+ M12, B- M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 47.50 mm



111029 Starter 12 V, 1.4 kW
 Replacing: AZE2548, 11.130.787
 Servicing: Citroen, Nissan, Peugeot, Rover
 B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)
 A: 62.00 B: -5.00 mm



111046 Starter 24 V, 6.6 kW
 Replacing: 11.139.048
 Servicing: MAN, Volvo
 B+ M10, Length 404.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 48.00 mm



111059 Starter 12 V, 0.9 kW
 Replacing: AZD3520, 11.139.418
 Servicing: Seat, VW
 B+ M8, 15a 6.30, Length 230.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 A: 76.00 B: 33.00 mm



111060 Starter 12 V, 1.7 kW
 Replacing: AZE2536, 11.130.722
 Servicing: VW
 B+ M8, Length 264.35, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 31.80 mm



111065 Starter 12 V, 2.2 kW
 Replacing: AZE4527, 11.139.305
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.30 B: 26.50 mm



111068 Starter 12 V, 0.85 kW
 Replacing: AZF3549, AZE3513, AZE0304,
 11.130.395, 11.130.218, 11.130.029
 Servicing: Citroen, Peugeot, Talbot
 B+ M8, Length 212.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 65.85 B: 15.65 mm



111069 Starter 12 V, 1.7 kW
 Replacing: AZE2577, AZE2540, 11.130.910,
 11.130.772
 Servicing: VW
 B+ M8, Length 290.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.40 B: 42.50 mm



111070 Starter 12 V, 1.7 kW
 Replacing: AZE3521, AZE2521, 11.130.642
 Servicing: Citroen, Fiat, Hyundai, Lancia,
 Peugeot, Suzuki, Talbot
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 66.00 B: -6.50 mm



111100 Starter 12 V, 0.7 kW
 Replacing: ZB4-12/06-9, AZE0305,
 11.130.007, 10.130.172
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



111123 Starter 12 V, 0.9 kW
 Replacing: AZE1216, AZD2108, 11.131.622,
 11.130.969
 Servicing: Chevrolet, Daewoo, Fiat, Opel,
 Vauxhall
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.95 B: 18.55 mm



111130 Starter 12 V, 1.1 kW
 Replacing: AZD3513, 11.139.402
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (3)
 A: 65.90 B: -5.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: AZE1515, AZE1210, 11.130.963,
 11.130.483
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111217 Starter 12 V, 3.0 kW
 Replacing: AZK5511, AZK5457, AZK5449,
 AZK5192, AZK5112, 11.139.108, 11.139.098,
 11.139.033, 11.130.142
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
 Replacing: AZK5431, 11.139.077
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111224 Starter 12 V, 4.0 kW
 Replacing: AZJ3297, AZJ3215, 11.130.860,
 11.130.663
 Servicing: John Deere
 B+ M10, Length 402.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0),
 Oil sealed
 Replacing: 37MT.
 A: 88.90 B: 47.60 mm



111231 Starter 24 V, 6.6 kW
 Replacing: AZK5189, 184452, 11.139.030
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 40.25 mm



111251 Starter 12 V, 1.1 kW
 Replacing: AZE1209, AZD3514, 11.139.403,
 11.130.956
 Servicing: Renault, Volvo
 B+ M8, Length 208.20, Drive type Steel,
 Gear type GR, Mount. holes 4 (4)
 Short version HC-CARGO 115442.
 A: 66.00 B: -2.00 mm



111304 Starter 12 V, 2.7 kW
 Manufacturer: Mahle Letrika
 Replacing: AZJ3255, 11.130.732
 Servicing: Sabb
 B+ M10, Length 194.75, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 20.70 mm



111332 Starter 12 V, 2.7 kW
 Replacing: AZJ3244, AZJ3219, AZJ3218,
 11.130.706, 11.130.670, 11.130.669
 Servicing: Fendt, Renault Agriculture
 B+ M8, Length 293.55, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



111398 Starter 12 V, 1.2 kW
 Manufacturer: Mahle Letrika
 Replacing: AZF3566, AZE2160, 11.131.285,
 11.130.782
 Servicing: BUKH
 B+ M8, Length 215.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 OE unit has an opening on opposite side. HC-
 CARGO 111398 should be mounted "upside
 down" (Solenoid downward).
 A: 82.00 B: 21.00 mm



111422 Starter 12 V, 0.8 kW
 Replacing: AZE1511, AZE1202, 11.130.763,
 11.130.421
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (1)
 A: 64.00 B: 11.50 mm



111461 Starter 12 V, 2.2 kW
 Replacing: AZE4635, 11.139.413
 Servicing: Dodge, Hyundai, Mitsubishi
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 3.50 mm



111638 Starter 24 V, 4.0 kW
 Replacing: AZJ3231, 11.130.687
 Servicing: Volvo
 B+ M10, B- M10, Length 334.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111640 Starter 24 V, 4.0 kW
 Replacing: AZJ3393, AZJ3387, AZJ3160,
 11.131.177, 11.131.143, 11.130.537
 Servicing: MAN
 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.50 B: 28.00 mm



111641 Starter 12 V, 0.7 kW
 Replacing: AZE1225, 11.131.088
 Servicing: Nissan, Renault
 B+ M8, Length 195.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 0.50 mm

STARTERS

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111685 Starter 12 V, 1.4 kW
 Replacing: AZE2204, 11.139.433
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 211.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 65.90 B: 10.80 mm



111690 Starter 12 V, 1.1 kW
 Replacing: AZD3517, 11.139.409
 Servicing: Opel, Vauxhall
 B+ M8, Length 193.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (1)
 A: 78.00 B: 19.50 mm



111693 Starter 12 V, 2.5 kW
 Replacing: AZJ3156, 11.130.532
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 21.65 mm



111694 Starter 12 V, 1.8 kW
 Replacing: AZE2578, AZE2541, 11.130.911,
 11.130.773
 Servicing: Audi, Ferrari, Seat, Skoda, VW
 B+ M8, Length 270.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 16.00 mm



111748 Starter 12 V, 1.1 kW
 Replacing: AZE2563, AZD3519, 11.139.415,
 11.130.854
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 33.00 mm



111749 Starter 12 V, 1.1 kW
 Replacing: AZE2543, AZE2185, 11.139.416,
 11.130.775
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 245.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



111752 Starter 12 V, 2.7 kW
 Replacing: AZJ3314, AZJ3242, 11.130.889,
 11.130.704
 Servicing: Case, Payloader
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



111755 Starter 12 V, 3.0 kW
 Replacing: AZJ3283, AZJ3274, AZJ3181,
 AZJ3158, AZJ3157, AZF4596, AZF4521,
 11.131.374, 11.130.819, 11.130.793
 Servicing: John Deere
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 34.00 mm



111771 Starter 24 V, 6.2 kW
 Replacing: AZG4605, 11.131.016
 Servicing: Mercedes-Benz
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111793 Starter 12 V, 3.0 kW
 Replacing: 11.131.065
 Servicing: Caterpillar, Mercedes-Benz, Volvo
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



111805 Starter 12 V, 2.5 kW
 Replacing: AZE4634, 11.139.406
 Servicing: Ford, Nissan
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 11.50 mm



111848 Starter 12 V, 1.0 kW
 Replacing: AZE2113, 11.131.010
 Servicing: Chevrolet, Citroen, Daewoo,
 Holden, Isuzu, Opel, Peugeot, Vauxhall
 B+ M8, Length 215.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm



111851 Starter 12 V, 2.0 kW
 Replacing: AZE2206, 11.139.435
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm



111855 Starter 12 V, 2.2 kW
 Replacing: AZE4535, 11.131.109
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 267.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116128
 A: 82.50 B: 23.00 mm



111865 Starter 12 V, 1.7 kW
 Replacing: AZE2201, 11.139.432
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



111885 Starter 12 V, 3.1 kW
 Replacing: AZJ3236, AZJ3216, 11.130.695,
 11.130.664
 Servicing: Case
 B+ M10, Length 332.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0), Oil
 sealed, Waterproof
 Oil and waterproof.
 A: 89.00 B: 48.00 mm



111900 Starter 12 V, 1.8 kW
 Replacing: AZE2624, 11.131.055
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503
 A: 76.00 B: 53.00 mm



111904 Starter 12 V, 1.8 kW
 Replacing: AZE2665, 11.139.439
 Servicing: Seat, VW
 B+ M8, Length 247.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 46.70 mm



111909 Starter 12 V, 1.1 kW
 Replacing: AZE2623, 11.131.054
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504
 A: 76.25 B: 32.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: AZJ3450, 11.139.164
 Servicing: Scania
 B+ M12, B- M10, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111982 Starter 24 V, 4.0 kW
 Replacing: AZF4507, 11.130.728
 Servicing: Mercedes-Benz
 B+ M10, Length 342.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.75 B: 45.00 mm



111996 Starter 12 V, 2.2 kW
 Replacing: AZE4144, 11.139.445
 Servicing: Iveco
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: AZE2634, 11.131.137
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: AZE2636, 11.131.157
 Servicing: ACME, Arona, BCS, Ferrari,
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: AZJ3192, AZJ3123, 11.130.612, 11.130.432
 Servicing: Fendt, Jenbacher Werke, KHD, Lombardini
 B+ M10, Length 298.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112041 Starter 12 V, 2.2 kW
 Replacing: AZJ3177, 11.130.565
 Servicing: KHD, Various Agriculture Vehicles
 B+ M10, Length 293.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 82.50 B: 23.00 mm



112053 Starter 12 V, 2.2 kW
 Replacing: AZE6514, AZE4112, 11.131.477
 Servicing: Citroen, Peugeot
 B+ M8, Length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 74.00 B: -6.00 mm



112071 Starter 12 V, 3.0 kW
 Replacing: AZF4514, 11.130.841
 Servicing: Deutz-Fahr
 B+ M10, Length 315.80, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 28.80 mm



112074 Starter 12 V, 3.1 kW
 Replacing: AZJ3201, 11.131.705, 11.130.627
 Servicing: Ford, New Holland
 B+ M8, Length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: AZK5456, 11.139.107
 Servicing: Volvo
 B+ M12, B- M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: AZK5181, 11.139.022
 Servicing: Scania
 B+ M10, B- M10, Length 406.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112131 Starter 12 V, 1.4 kW
 Replacing: AZE2558, 11.130.845
 Servicing: VW
 B+ M8, 15a 6.30, Length 244.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112132 Starter 24 V, 4.0 kW
 Replacing: AZJ3277, 11.130.766
 Servicing: Volvo BM
 B+ M10, Length 339.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 BOSCH OE 0001360036 IS OIL-SEALED. CARGO 112132 IS NOT!
 A: 88.70 B: 47.00 mm



112135 Starter 12 V, 3.1 kW
 Replacing: AZJ3317, AZJ3243, 11.130.895, 11.130.705
 Servicing: Case
 B+ M10, Length 315.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 88.80 B: 22.00 mm



112136 Starter 12 V, 2.8 kW
 Replacing: AZJ3318, 11.130.896
 Servicing: Massey Ferguson
 B+ M8, Length 340.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 88.75 B: 48.30 mm



112171 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: AZE2617, 11.131.002
 Servicing: BCS, Bertolini, Ferrari, Goldoni, Lombardini, Piaggio, Valpadana
 B+ M8, Length 220.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm



112173 Starter 12 V, 2.7 kW
 Replacing: AZJ3554, 11.130.250
 Servicing: Bertolini, BMW, Hatz, VM (Stabilimenti Mec)
 B+ M10, Length 342.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 82.50 B: 20.00 mm



112218 Starter 12 V, 1.0 kW
 Replacing: AZE1244, 11.139.449
 Servicing: Renault
 B+ M8, Length 168.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 B: -1.00 mm



112249 Starter 12 V, 2.7 kW
 Replacing: AZJ3197, AZJ3155, 11.130.620, 11.130.531
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 B+ M10, Length 295.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



112251 Starter 12 V, 2.3 kW
 Replacing: AZE4562, AZE4101, 11.139.410, 11.139.331
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112267 Starter 12 V, 2.5 kW
 Replacing: AZJ3217, 11.130.665
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



112286 Starter 12 V, 1.7 kW
 Replacing: AZE2626, AZE2537, 11.131.057, 11.130.723
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112290 Starter 12 V, 2.2 kW
 Replacing: AZE4102, 11.139.411
 Servicing: Ford, Mazda
 B+ M8, Length 259.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



112295 Starter 12 V, 1.7 kW
 Replacing: AZE2522, 11.130.646
 Servicing: Mitsubishi, Renault, Volvo
 B+ M8, Length 265.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 66.00 B: -0.50 mm



112304 Starter 12 V, 1.4 kW
 Replacing: AZE2502, 11.130.417
 Servicing: Lada
 B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 35.00 mm



112306 Starter 12 V, 1.1 kW
 Replacing: AZE2640, 11.131.178
 Servicing: VW
 B+ M8, Length 254.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112307 Starter 12 V, 1.1 kW
 Replacing: AZE2147, 11.139.327
 Servicing: Seat, VW
 B+ M8, Length 234.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 82.50 B: 2.00 mm



112320 Starter 12 V, 1.4 kW
 Replacing: AZE2169, AZE2150, 11.139.401, 11.139.334
 Servicing: Opel, Vauxhall
 B+ M8, Length 194.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 77.90 B: 19.50 mm



112321 Starter 12 V, 1.1 kW
 Replacing: AZE2186, 11.139.417
 Servicing: Audi, Skoda, VW
 B+ M8, Length 227.55, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 13.50 mm



112379 Starter 12 V, 1.8 kW
 Replacing: AZE2110, 11.130.996
 Servicing: Fiat
 B+ M8, Length 221.35, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 NOTE CANNOT replace Bosch 0001109048
 and 0001108204. The Bosch numbers have a
 new Cargo reference Cargoref# 114321.
 A: 77.00 B: 10.00 mm



112390 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZE1227, 11.131.100
 Servicing: Lister
 B+ M8, 15a 4.70, Length 210.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



112436 Starter 12 V, 2.3 kW
 Replacing: AZE6513, 11.131.476
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.50 B: 21.50 mm



112441 Starter 12 V, 2.3 kW
 Replacing: AZE6526, 11.131.560
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.00-84.00 mm.
 Alternative no.: 115505
 A: 82.00 B: 27.00 mm



112442 Starter 12 V, 3.0 kW
 Replacing: 11.130.739
 Servicing: John Deere
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 GR Starter HC-CARGO 115609.
 Alternative no.: 116130
 A: 89.00 B: 48.00 mm



112446 Starter 24 V, 4.0 kW
 Replacing: AZF4509, 11.130.730
 Servicing: MAN
 B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Bosch DD HC-CARGO 113468.
 Alternative no.: 116135
 A: 89.00 B: 27.45 mm



112474 Starter 12 V, 1.8 kW
 Replacing: AZE2188, 11.139.423
 Servicing: Mitsubishi, Nissan, Opel, Renault,
 Suzuki, Vauxhall, Volvo
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 4 (3)
 B: -2.00 mm



112494 Starter 24 V, 4.0 kW
 Replacing: AZF4515, AZF4198, 11.131.770,
 11.130.842
 Servicing: Fendt, Volvo
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



112496 Starter 12 V, 2.0 kW
 Replacing: AZE2141, AZE2105, 11.131.164,
 11.130.979
 Servicing: Farymann
 B+ M8, Length 269.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 82.50 B: 14.50 mm



112498 Starter 24 V, 4.0 kW
 Replacing: AZF4237, 11.131.846
 Servicing: Ginaf, Iveco
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112534 Starter 12 V, 2.0 kW
 Replacing: AZE2155, 11.131.267
 Servicing: JCB, KHD, Perkins
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



112545 Starter 12 V, 1.4 kW
 Replacing: AZE2117, 11.131.052
 Servicing: Lister
 B+ M8, Length 187.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 89.00 B: 27.00 mm



112553 Starter 12 V, 1.7 kW
 Replacing: AZE2210, 11.139.447
 Servicing: Alpina, BMW
 B+ M8, 30h M5, Length 269.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 76.20 B: 21.50 mm



112555 Starter 12 V, 3.1 kW
 Replacing: AZJ3179, 11.130.567
 Servicing: Bosch, Deutz-Fahr, Fendt, Irmer,
 Jenbacher Werke, KHD, Kramer, Linde
 B+ M10, Length 303.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



112581 Starter 24 V, 6.2 kW
 Replacing: AZJ3452, AZJ3448, 11.139.165,
 11.139.163
 Servicing: DAF
 B+ M12, Length 380.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 48.00 mm



112651 Starter 24 V, 4.8 kW
 Manufacturer: Mahle Letrika
 Replacing: AZJ3221, AZJ0602, 11.130.672,
 11.130.030, 11.130.003
 Servicing: Bosch, KHD
 B+ M10, Length 351.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: AZJ3364, AZE4217, 11.132.010,
 11.131.038
 Servicing: Case
 B+ M10, Length 333.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 48.00 mm



112670 Starter 24 V, 4.0 kW
 Replacing: AZJ3351, 11.130.993
 Servicing: DAF, Hanomag, Mercedes-Benz, Perkins
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



112821 Starter 12 V, 2.2 kW
 Replacing: AZE2226, AZE2189, 11.139.459,
 11.139.424
 Servicing: Ford, Jaguar
 B+ M8, Length 250.80, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 Alternative no.: 115870
 B: 36.00 mm



113134 Starter 12 V, 2.2 kW
 Replacing: AZE4564, 11.139.333
 Servicing: Opel, Renault, Renault V.I.,
 Vauxhall
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 109.70 B: 27.00 mm



113181 Starter 12 V, 2.3 kW
 Replacing: AZE6554, AZE6530, AZE6509,
 AZE4566, 11.131.948, 11.131.600,
 11.131.458, 11.131.223
 Servicing: Bomag, JCB, KHD
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



113182 Starter 12 V, 3.0 kW
 Replacing: AZF4155, 11.131.604
 Servicing: New Holland
 B+ M10, Length 320.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



113276 Starter 12 V, 1.1 kW
 Replacing: AZD2126, 11.131.903
 Servicing: Chevrolet, Daewoo, Fiat,
 Mercedes-Benz, Opel, Saab, Vauxhall
 B+ M8, Length 200.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.90 B: 19.00 mm



113281 Starter 12 V, 1.1 kW
 Replacing: AZE2211, 11.139.448
 Servicing: MG, Rover
 B+ M8, Length 231.40, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 75.00 B: 43.00 mm



113282 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: AZE2199, 11.139.431
 Servicing: Chrysler, Mercedes-Benz
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 116477
 A: 60.00 B: 26.00 mm



113346 Starter 12 V, 0.8 kW
 Replacing: AZJ3281, 11.130.783
 Servicing: MG, Rover, VW
 B+ M8, Length 210.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 67.00 B: 41.00 mm



113356 Starter 24 V, 3.5 kW
 Replacing: AZJ3223, 11.130.676
 Servicing: Belarus, GAZ, ZIL
 B+ M10, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 99.90 B: 32.00 mm



113381 Starter 12 V, 2.5 kW
 Replacing: AZJ3462, AZJ3195, AZJ3145,
 11.139.456, 11.130.618, 11.130.510
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni
 B+ M10, B- M8, Length 340.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 109.70 B: 26.00 mm



113387 Starter 12 V, 2.0 kW
 Replacing: AZE2625, 11.131.056
 Servicing: Seat, VW
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 54.00 mm



113389 Starter 12 V, 2.2 kW
 Replacing: AZE4140, 11.139.441
 Servicing: Mercedes-Benz
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.40 B: 25.00 mm



113429 Starter 12 V, 4.2 kW
 Replacing: AZF4611, AZF4577, 11.131.300,
 11.131.117
 Servicing: Case, Cummins
 B+ M10, B- M12, Length 317.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



113430 Starter 12 V, 1.8 kW
 Replacing: AZE2111, 11.130.997
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 81.50 B: 9.50 mm



113443 Starter 12 V, 1.4 kW
 Replacing: AZE2534, 11.130.716
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 62.10 B: -5.00 mm



113451 Starter 12 V, 2.2 kW
 Replacing: AZE4142, 11.139.443
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 272.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 81.50 B: 23.00 mm



113459 Starter 12 V, 2.0 kW
 Replacing: AZE2138, 11.131.136
 Servicing: Lister
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)
 A: 88.80 B: 27.00 mm



113464 Starter 24 V, 4.0 kW
 Replacing: AZJ3522, AZJ3222, 11.130.673, 11.130.151
 Servicing: ABG, Irmer, Iveco, KHD
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



113465 Starter 12 V, 3.0 kW
 Replacing: AZJ3187, 11.130.596
 Servicing: Renault V.I.
 B+ M10, Length 338.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 88.75 B: 21.50 mm



113466 Starter 24 V, 4.0 kW
 Replacing: AZJ3188, AZF4527, AZF4508, 11.130.944, 11.130.729, 11.130.598
 Servicing: Renault V.I.
 B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113467 Starter 12 V, 3.7 kW
 Replacing: AZJ3196, 11.130.619
 Servicing: Atlas Copco, Deutz-Fahr, Iveco
 B+ M10, Length 368.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



113468 Starter 24 V, 4.0 kW
 Replacing: AZJ3404, AZJ3388, AZJ3374, AZJ3199, 11.131.236, 11.131.144, 11.131.085, 11.130.626
 Servicing: MAN
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 Bosch GR HC-CARGO 112446.
 A: 89.00 B: 27.00 mm



113478 Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: AZE4620, AZE4603, 11.131.221, 11.131.063
 Servicing: Atlas Copco, John Deere
 B+ M10, Length 303.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed
 Alternative HC-CARGO 116379.
 A: 82.50 B: 35.00 mm



113480 Starter 12 V, 1.2 kW
 Replacing: AZE2642, 11.131.233
 Servicing: Ruggnerini
 B+ M8, Length 220.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 28.00 mm



113481 Starter 12 V, 1.4 kW
 Replacing: AZE2101, AZD3523, 11.139.422, 11.130.957
 Servicing: Opel, Renault, Suzuki, Vauxhall
 B+ M8, Length 231.00, Drive type Steel, Gear type GR, Mount. holes 4 (4)
 A: 65.90 B: -1.00 mm



113482 Starter 12 V, 3.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZJ3310, 11.130.881
 Servicing: Volvo BM
 B+ M10, Length 338.50, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed
 A: 88.75 B: 47.00 mm



113484 Starter 24 V, 4.0 kW
 Replacing: AZJ3186, AZF4588, 11.131.335, 11.130.595
 Servicing: Sisu, Valtra
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



113532 Starter 12 V, 3.0 kW
 Replacing: AZJ3284, AZF4582, AZF4559, AZF4510, 11.131.929, 11.131.318, 11.131.167, 11.130.820, 11.130.748
 Servicing: Renault Agriculture
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 82.50 B: 34.00 mm



113570 Starter 12 V, 4.0 kW
 Replacing: AZF4513, AZF4190, 11.131.727, 11.131.542, 11.130.836
 Servicing: Valtra
 B+ M10, Length 320.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



113605 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: AZD3522, 11.139.421
 Servicing: Renault, Volvo
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -1.70 mm



113674 Starter 12 V, 2.0 kW
 Replacing: AZE2165, 11.131.297
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.30 B: 18.50 mm



113678 Starter 12 V, 2.2 kW
 Replacing: AZE2668, 11.131.676
 Servicing: VW
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115507
 A: 76.10 B: 62.00 mm



113690 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZE1230, 11.131.186
 Servicing: Mini, Yanmar
 B+ M8, Length 185.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 66.00 B: 17.00 mm



113725 Starter 12 V, 2.5 kW
 Replacing: 11.131.275
 Servicing: Case
 B+ M10, Length 300.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 88.60 B: 49.00 mm



113760 Starter 24 V, 4.0 kW
 Replacing: AZF4403, 72442886, 11.139.608
 Servicing: DAF
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



113843 Starter 12 V, 1.1 kW
 Replacing: AZD2125, 11.131.902
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 24.25 mm



113850 Starter 24 V, 5.4 kW
 Replacing: AZK5467
 Servicing: Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0),
 Oil sealed
Not insulated return.
 A: 89.00 B: 48.00 mm



113859 Starter 24 V, 6.0 kW
 Replacing: AZG4862, 72442835, 11.139.607
 Servicing: Scania
 B+ M10, Length 361.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113891 Starter 24 V, 5.5 kW
 Replacing: AZF4876, 72442833, 11.139.605
 Servicing: Scania
 B+ M10, Length 325.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Alternative no.: 115509
 A: 92.00 B: 48.00 mm



113900 Starter 12 V, 2.2 kW
 Replacing: AZE6544, 11.131.750
 Servicing: John Deere
 B+ M8, Length 239.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



113901 Starter 12 V, 3.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZE4597, AZE4540, AZE4230,
 AZE4166, 11.132.101, 11.131.728,
 11.131.426, 11.131.116
 Servicing: Valtra
 B+ M10, Length 297.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



113968 Starter 12 V, 3.6 kW
 Replacing: AZJ3212, 11.130.659
 Servicing: New Holland
 B+ M8, Length 330.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 20.00 mm



113982 Starter 12 V, 2.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZE2663, AZE2606, 11.131.528,
 11.130.923
 Servicing: Hatz
 B+ M8, Length 233.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 116458
 A: 82.50 B: 40.50 mm



114002 Starter 12 V, 4.2 kW
 Replacing: AZF4591, 11.131.352
 Servicing: Case
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



114031 Starter 24 V, 5.5 kW
 Replacing: AZF4875, 72442832, 11.139.604
 Servicing: MAN
 B+ M10, Length 323.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115892
 A: 92.00 B: 48.00 mm



114050 Starter 12 V, 4.2 kW
 Replacing: AZF4535, AZF4135, AZF4122,
 11.131.520, 11.131.464, 11.130.999
 Servicing: Case, New Holland
 B+ M10, 30h M10, Length 317.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



114073 Starter 24 V, 5.5 kW
 Replacing: AZF4877, 72442834, 11.139.606
 Servicing: Bova, DAF, Minelli, Solaris
 B+ M10, Length 319.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
w/ safety switch.
 Alternative no.: 115511
 A: 110.00 B: 47.00 mm



114107 Starter 12 V, 3.2 kW
 Replacing: AZE4579, AZE4214, 11.131.984,
 11.131.315
 Servicing: Landini, Massey Ferguson, Mc
 Cormick, Perkins
 B+ M10, Length 295.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 29.50 mm



114117 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZE1241, 11.131.530, 11.131.059
 Servicing: Hatz
 B+ M8, Length 202.00, Gear type DD,
 Mount. holes 0 (0)
 A: 66.00 B: 16.00 mm



114126 Starter 12 V, 2.3 kW
 Replacing: AZE6559, AZE6515, 11.131.986,
 11.131.478
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 72.00 B: -6.00 mm



114196 Starter 24 V, 4.0 kW
 Replacing: AZF4572, AZF4295, 11.132.094,
 11.131.271
 Servicing: Case, New Holland
 B+ M10, Length 317.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 27.60 mm



114220 Starter 24 V, 4.0 kW
 Replacing: AZF4230, AZF4156, 11.131.863,
 11.131.607
 Servicing: Deutz-Fahr
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116132
 A: 82.50 B: 23.00 mm



114254 Starter 12 V, 2.7 kW
 Replacing: AZJ3405, AZJ3247, 11.131.249,
 11.130.710
 Servicing: Balkancar, Chang Feng (Liebao),
 Dronningborg, Sampo-Rosenlew, Ursus,
 Valtra, Zetor
 B+ 9.70, Length 237.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 116134
 A: 89.00 B: 49.40 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



114264 Starter 12 V, 4.2 kW
 Replacing: AZF4576, AZF4224, AZF4186, AZF4181, 11.131.848, 11.131.711, 11.131.697, 11.131.292
 Servicing: JCB
 B+ M10, B- M8, Length 349.50, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



114265 Starter 12 V, 2.7 kW
 Replacing: AZJ3140, 11.130.503
 Servicing: VM (Stabilimenti Mec)
 B+ M10, Length 295.00, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



114266 Starter 24 V, 4.0 kW
 Replacing: AZJ3256, AZF4298, 11.132.106, 11.130.734
 Servicing: AGCO POWER (SISU DIESEL)
 B+ M10, B- M8, Length 346.50, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



114276 Starter 12 V, 1.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZE1240, 11.131.529, 11.131.028
 Servicing: Hatz
 B+ M8, Length 219.00, Gear type GR
 A: 66.00 B: 17.00 mm



114320 Starter 12 V, 3.0 kW
 Replacing: AZF4229
 Servicing: JCB, KHD
 B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



114387 Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: AZJ3369, AZF4569, AZF4315, AZE4219, AZE4207, AZE4199, AZE4172, AZE4151, AZAF4569, 11.132.149
 Servicing: JCB, Perkins
 B+ M8, B- M8, Length 299.00, Gear type DD/GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 116307
 A: 89.00 B: 28.85 mm



114388 Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: AZF4545, AZE4220, AZE4201, AZE4197, AZE4175, AZE4173, AZE4170, AZE4150, 11.132.036, 11.131.989
 Servicing: Hattat Tarim, JCB, Perkins
 B+ M8, B- M8, 30h M10, Length 296.50, Gear type GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 116308
 A: 89.00 B: 29.50 mm



114398 Starter 24 V, 4.0 kW
 Replacing: AZJ3413, 11.131.353
 Servicing: Hatz
 B+ M10, Length 345.00, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



114447 Starter 12 V, 3.0 kW
 Replacing: AZF4539, AZF4511, AZF4115, 11.131.430, 11.131.027, 11.130.785
 Servicing: Case, New Holland
 B+ M8, Length 316.00, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



114460 Starter 12 V, 1.4 kW
 Replacing: AZE2151, 11.131.232
 Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot
 B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (3)
 B: -4.00 mm



114475 Starter 12 V, 4.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZF4310, AZF4231, AZF4178, 11.132.138, 11.131.864, 11.131.686
 Servicing: Fendt
 B+ M10, Length 321.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



114480 Starter 12 V, 4.2 kW
 Replacing: AZF4687, 11.131.830
 Servicing: Case IH
 B+ M12, Length 327.00, Gear type GR, Mount. holes 3 (0), Oil sealed
 A: 92.00 B: 48.00 mm



114523 Starter 24 V, 4.0 kW
 Replacing: AZF4402, 72442813, 11.139.601
 Servicing: Mercedes-Benz
 B+ M10, Length 313.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115514 **5★**
 A: 89.00 B: 48.50 mm



114777 Starter 12 V, 3.0 kW
 Replacing: IS1067, AZJ3402, 11.131.218
 Servicing: Mc Cormick
 B+ M8, B- M8, Length 241.00,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



115325 **5★** Starter 24 V, 2.5 kW
 Manufacturer: Mahle Letrika
 Replacing: AZE2156, 11.131.265
 Servicing: JCB
 B+ M8, Length 233.00, Gear type GR,
 Mount. holes 2 (0)
 A: 74.00 B: 21.00 mm



114676 Starter 12 V, 2.2 kW
 Replacing: AZE6556, 11.131.950
 Servicing: KHD
 B+ M10, Length 293.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 82.50 B: 23.00 mm



114824 Starter 24 V, 4.0 kW
 Replacing: AZF4571, AZF4292, 11.132.083,
 11.131.254
 Servicing: Various Industrial applications
 B+ M10, Length 320.50, Gear type GR,
 Mount. holes 3 (0)
 A: 88.90 B: 47.00 mm



115329 Starter 12 V, 1.2 kW
 Replacing: AZE2649, 11.131.299
 Servicing: Lamborghini, Lombardini
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 113177 **5★**
 A: 76.20 B: 16.00 mm



114677 **5★** Starter 12 V, 2.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AZE2662, AZE2605, 11.131.527,
 11.130.922
 Servicing: Hatz, Various Agriculture Vehicles,
 Various Industrial applications
 B+ M8, Length 232.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 40.50 mm



114852 Starter 12 V, 4.2 kW
 Replacing: AZF4269, AZF4248, AZF4208,
 AZF4206, AZF4196, AZF4164, 11.132.008,
 11.131.900, 11.131.792
 Servicing: Various Agriculture Vehicles,
 Various Industrial applications
 B+ M10, B- M8, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



115355 **5★** Starter 24 V, 5.4 kW
 Manufacturer: Mahle Letrika
 Replacing: AZF4697, AZF4671, 11.131.870,
 11.131.688
 Servicing: Deutz-Fahr, KHD, Various Agriculture
 Vehicles, Various Industrial applications
 B+ M10, B- M10, Length 355.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



114702 Starter 24 V, 4.0 kW
 Replacing: AZF4554, AZF4199, 11.131.775,
 11.131.150
 Servicing: Kamaz
 B+ M10, Length 321.00, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114903 Starter 12 V, 4.2 kW
 Replacing: AZF4562, 11.131.191
 Servicing: Claas
 B+ M10, Length 321.00, Gear type GR,
 Mount. holes 4 (1)
 A: 89.00 B: 48.00 mm



115357 Starter 12 V, 4.2 kW
 Replacing: AZF4228, AZF4116, 11.131.856,
 11.131.433
 Servicing: Claas
 B+ M10, B- M10, Length 345.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 49.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.


115389 starter 12 V, 4.2 kW

Replacing: AZF4275, AZF4260, AZF4258, AZF4204, AZF4202, AZF4129, 11.132.034, 11.131.965, 11.131.945

 Servicing: linde, Perkins, Teksan
 B+ M10, B- M8, Length 327.00, Gear type GR, Mount. holes 3 (0)
 4.2 kW version = HC-CARGO 113654.
 A: 89.00 B: 29.50 mm

115391 Starter 12 V, 4.2 kW

Replacing: AZF4146, 11.131.573

Servicing: Case, JCB, Matbro, New Holland, Various Agriculture Vehicles

 B+ M8, Length 327.20, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 20.50 mm

115392 Starter 12 V, 4.0 kW

Replacing: AZF4147, 11.131.574

Servicing: Landini, Massey Ferguson, Various Agriculture Vehicles

 B+ M10, Length 325.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm

115393 Starter 12 V, 4.0 kW

Replacing: IS1160, AZF4148, 11.131.575

Servicing: Various Agriculture Vehicles, Various Industrial applications

 B+ M8, Length 325.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm

115397 Starter 12 V, 2.0 kW

Replacing: AZE2573, AZE2213, 11.131.674, 11.130.899

Servicing: GAZ

B+ M8, Length 245.00, Gear type GR, Mount. holes 2 (2)

 Alternative no.: 115500
 A: 82.50 B: 21.00 mm

115472 Starter 12 V, 2.7 kW

Replacing: AZJ3386, AZJ3258, 11.131.140, 11.130.736

Servicing: BMW, Deutz-Fahr

B+ M10, Length 315.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.20 mm


115535 Starter 12 V, 3.0 kW

Replacing: IS0402, AZJ3555, AZJ3109, 11.130.402, 11.130.251

Servicing: Agrifull, VM (Stabilimenti Mec)

B+ M10, Length 342.00, Gear type DD, Mount. holes 2 (0)

A: 82.40 B: 21.50 mm


115536 Starter 12 V, 2.8 kW

Replacing: IS0875, AZJ3306, 11.130.875

Servicing: Landini

B+ M8, B- M8, Length 323.50, Gear type DD, Mount. holes 3 (0)

A: 88.90 B: 28.00 mm


115537 Starter 24 V, 2.8 kW

Replacing: AZJ3433, AZJ3211, 11.131.479, 11.130.645

Servicing: VM (Stabilimenti Mec)

B+ M10, Length 294.00, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 21.00 mm


115697 Starter 12 V, 1.8 kW

Replacing: AZE2645, 11.131.255

Servicing: Ruggerini

B+ M8, Length 238.00, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 28.00 mm


115721 Starter 12 V, 4.2 kW

Replacing: AZF4598, AZF4553, 11.131.382, 11.131.145

Servicing: Case, Doosan, John Deere

B+ M10, Length 321.50, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


115776 Starter 24 V, 4.0 kW

Replacing: AZF4579, AZF4267, AZF4225, AZF4211, 11.132.230, 11.131.995, 11.131.849, 11.131.805, 11.131.303

Servicing: GEAX, JCB

B+ M10, B- M8, Length 352.00, Gear type GR, Mount. holes 3 (0)

A: 89.00 B: 20.00 mm



115870 5★ Starter 12 V, 2.1 kW
 Manufacturer: Visteon
 Replacing: AZE2226, AZE2189, 11.139.459, 11.139.424
 Servicing: Ford, Jaguar
 B+ M8, Length 256.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 112821
 B: 36.00 mm



116040 Starter 24 V, 4.0 kW
 Replacing: AZJ3213, 11.130.660
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116093 Starter 12 V, 4.0 kW
 Replacing: AZF4343, AZF4309, AZF4197, AZF4194, 11.132.256, 11.131.769, 11.131.754, 11.131.620
 Servicing: Bomag, Deutz-Fahr, Same
 B+ M10, B- M10, Length 321.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



116128 5★ Starter 12 V, 3.2 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZE4535, AZE4202, 11.131.951, 11.131.109
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 287.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm



116130 5★ Starter 12 V, 3.1 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZJ3261, 11.130.739
 Servicing: John Deere
 B+ M10, B- M10, Length 332.00, Gear type DD, Mount. holes 3 (0)
 Alternative no.: 112442
 A: 89.00 B: 48.00 mm



116132 5★ Starter 24 V, 4.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZF4230, AZF4156, 11.131.863, 11.131.607
 Servicing: Deutz-Fahr
 B+ M10, Length 324.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 114220
 A: 82.50 B: 23.00 mm



116134 5★ Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZJ3405, AZJ3247, 11.131.249
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B+ M10, B- M8, Length 348.00, Gear type DD, Mount. holes 3 (0)
 Alternative no.: 114254
 A: 89.00 B: 48.00 mm



116135 5★ Starter 24 V, 4.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZF4509, 11.130.730
 Servicing: Fendt, MAN
 B+ M10, Length 321.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 112446
 A: 89.00 B: 28.00 mm



116136 Starter 12 V, 4.2 kW
 Replacing: AZF4205, 11.131.783
 Servicing: Perkins
 B+ M10, B- M8, Length 345.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



116139 5★ Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: AZJ3508, AZJ3170, AZJ3169, AZJ3128, AZJ0402
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD, Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536, 116086 5★, 116312
 A: 89.00 B: 28.00 mm



NEW PRODUCT
www.hc-cargo.com

116306 Starter 12 V, 1.2 kW
 Replacing: AZE1523, AZE1521, AZE1507, AZD3515, AZD2119, 11.139.404, 11.131.764, 11.130.965, 11.130.556
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)
 Remanufactured unit. No surcharge.
 Alternative no.: 110584
 B: -6.00 mm



116307 Starter 12 V, 3.2 kW
 Replacing: 11.132.149, 11.132.035, 11.131.964, 11.131.946, 11.131.780, 11.131.606, 11.131.410, 11.131.228
 Servicing: JCB, Perkins
 B+ M8, B- M8, Length 299.00, Gear type DD/GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 114387 5★
 A: 89.00 B: 28.85 mm



116308 Starter 12 V, 3.2 kW

Replacing: AZF4545, AZE4220, AZE4201, AZE4197, AZE4175, AZE4173, AZE4170, AZE4150, 11.132.036, 11.131.989

Servicing: Hattat Tarim, JCB, Perkins

B+ M8, B- M8, Length 296.50, Gear type GR, Mount. holes 3 (0) *Iskra version.*

Alternative no.: 114388

A: 89.00 B: 29.50 mm

NEW PRODUCT

www.hc-cargo.com

116379* Starter 12 V, 3.2 kW

Replacing: AZE4534, AZE4185, 11.131.833, 11.131.108

Servicing: Atlas Copco, John Deere

Gear type GR, Mount. holes 2 (0)

Alternative HC-CARGO 113478.

A: 82.50 mm



NEW PRODUCT

www.hc-cargo.com

116477* Starter 12 V, 1.4 kW

Replacing: 11.139.431

B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Alternative no.: 113282

A: 60.00 B: 25.80 mm



110352 Starter 12 V, 1.3 kW

Replacing: KAT3KCT22112B, KAT3KCT221126, KAT3K35.3708, CT2213708000, CT22112B, CT221128, 5722.3708, 4253708

Servicing: Fiat, Lada

B+ M8, Length 201.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (3)

A: 82.50 B: 22.50 mm



112304 Starter 12 V, 1.4 kW

Replacing: 5702.3708, 2110-3708010

Servicing: Lada

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.20 B: 35.00 mm



110590 Starter 12 V, 2.8 kW

Replacing: M0014502ME

Servicing: Bobcat, Perkins

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Waterproof

Replacing: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



111221 Starter 12 V, 2.5 kW

Replacing: 35259580

Servicing: Bobcat, Clark, John Deere

B+ M10, 15a M5, Length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Replacing: 28MT.

A: 82.50 B: 33.00 mm



110315 Starter 12 V, 0.9 kW
 Replacing: 61924101
 Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton
 B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.40 mm



110336 Starter 12 V, 0.75 kW
 Replacing: 25648K, 25648A, 25648, 25357A, 25357, 25335B, 25335A, 25335, 25289J, 25289H, 25289D, 25289A, 25289
 Servicing: Ford, Mercury, Triumph
 B+ M8, 15a M5, Length 243.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



110363 Starter 12 V, 0.7 kW
 Replacing: 25286D, 25286A, 25286, 25257D, 25257A, 25257
 Servicing: BMW, Porsche, VW
 B+ M8, Length 214.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 A: 76.00 B: 33.00 mm



110368 Starter 12 V, 2.3 kW
 Replacing: 26025016A
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



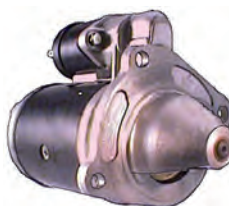
110421 Starter 12 V, 0.8 kW
 Replacing: 26925240A
 Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles
 B+ M8, Length 188.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 66.00 B: 16.00 mm



110438 Starter 12 V, 2.1 kW
 Replacing: 27420B, 27420A, 27420, 26925188D, 26925188A, 26288F, 26288E, 26288A, 26288, 26193D, 26193A, 26193
 Servicing: Case, Payloader
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 19.50 mm



110439 Starter 12 V, 2.0 kW
 Replacing: NSB509, 27488, 27480, 27474B, 27474A, 27474, 27470B, 27470A, 27470, 27469A, 27469, 27459A, 27459
 Servicing: Buhner, Compair, Eicher, Massey Ferguson
 B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110440 Starter 12 V, 2.1 kW
 Replacing: NSB511, NSB409, 27468B, 27468A, 27468, 27446A, 27446, 26925198D, 26925198A, 26321F, 26321D, 26321B
 Servicing: Land Rover
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 91.90 B: 19.00 mm



110441 Starter 12 V, 2.1 kW
 Replacing: NSB512, 27460B, 27460A, 27460, 27425B, 27425A, 27425, 26925200A, 25024044A
 Servicing: Land Rover
 B+ M8, Length 309.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 20.00 mm



110442 Starter 12 V, 2.1 kW
 Replacing: NSB501, NSB500, 27487, 27485, 27479, 27477, 27473, 27464, 27415D, 27415B, 27415A, 27415, 27411
 Servicing: Balkancar, Conveyancer, Massey Ferguson, Matbro
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.90 B: 30.00 mm



110443 Starter 12 V, 2.1 kW
 Replacing: NSB503, 27486, 27478, 27472, 27467, 27435A, 27435, 27417D, 27417B, 27417A, 27417, 26925194D
 Servicing: Balkancar, Dronningborg, Massey Ferguson, Matbro, Rover
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110444 Starter 12 V, 2.1 kW
 Replacing: 27431B, 27431A, 27431, 26400D, 26400B, 26400A, 26400, 26371F, 26371E, 26371D, 26371A, 26371
 Servicing: LDV
 B+ M8, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 88.80 B: 23.50 mm


110459 Starter 12 V, 2.8 kW

Replacing: NSB532, 27545, 27543D, 27543A, 27543, 27443, 26420, 26416E, 26416D, 26416A, 26416, 26349H, 26349D

Servicing: Bedford

B+ M8, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.50 mm


110460 Starter 12 V, 2.8 kW

Replacing: 27559E, 27559A, 27559, 27537B, 27537A, 27537, 27519D, 27519A, 27519, 27503D, 27503A, 26436B, 26436A

Servicing: Atlas Copco, Dronningborg, JCB, Massey Ferguson

B+ M8, Length 307.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


110461 Starter 12 V, 2.8 kW

Replacing: NSB521, 27577A, 27577, 27567, 27531, 27501E, 27501B, 27501A, 27501, 26407, 26388, 26356, 26355

Servicing: Ford, Lancer Boss, Various Agriculture Vehicles

B+ M8, 30h M5, Length 272.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 21.00 mm


110462 Starter 12 V, 2.8 kW

Replacing: NSB520, 27614, 27569A, 27569, 27515A, 27500J, 27500A, 27500, 27426, 26925155B, 26925155A, 26925

Servicing: Buhner, Ford, Matbro, New Holland

B+ M8, Length 319.45, Drive type Steel, Gear type DD, Mount. holes 3 (0) 4 KW: HC-CARGO 115391.

Alternative no.: 116137

A: 92.00 B: 20.00 mm


110464 Starter 12 V, 2.1 kW

Replacing: NSB515, LRS138, 27489, 27476, 27465, 27419D, 27419A, 27419, 26286J, 26286H, 26286F, 26286E, 26286A

Servicing: Carbodyes, DAF, Lancer Boss, Various Agriculture Vehicles

B+ M8, Length 336.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 29.50 mm


110465 Starter 12 V, 2.8 kW

Replacing: NSB535, 27554B, 27554A, 27554, 27511A, 27511, 26431B, 26431A, 26431, 26360, 26342L, 26342B, 26341J

Servicing: Ford

B+ M8, B- M8, Length 320.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 20.00 mm


110512 Starter 24 V, 5.4 kW

Replacing: 22615

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110518 Starter 24 V, 4.0 kW

Replacing: 61924031

Servicing: BENFRA, Fiat, Fiat-Allis, Iveco

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110523 Starter 24 V, 4.8 kW

Replacing: 61924051, 26025117A

Servicing: ABG, Ahlmann, Case, Compair, Iveco, KHD, Payloader

B+ M10, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 27.50 mm


110524 Starter 24 V, 4.0 kW

Replacing: 26025136A

Servicing: Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm


110525 Starter 12 V, 3.0 kW

Replacing: 26417

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


110536 Starter 12 V, 2.7 kW

Replacing: 61924050

Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz

B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) Magnetron.

Alternative no.: 116086 , 116139 , 116312

A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW
 Replacing: NSB523, LRS926, 27587B, 27587A, 27587, 27512D, 27512A, 27512, 26432, 26342K, 26342D, 26342A, 26342
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110565 Starter 12 V, 2.8 kW
 Replacing: NSB540, NSB531, NSB529, 54265233, 54243441, 27606, 27599, 27594, 27583A, 27583, 27578, 27572B
 Servicing: Eicher, Massey Ferguson
 B+ M8, B- M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110615 Starter 12 V, 2.8 kW
 Replacing: NSB524, NSB522, 27628, 27625, 27621, 27609, 27607, 27603, 27596, 27592, 27588, 27585, 27570B
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins
 B+ M8, B- M8, Length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 HC-CARGO 115393 4.0 kW. Alternative HC-CARGO 113534.
 A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW
 Replacing: 27440B, 27440A, 27440, 26394
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
 B+ M10, Length 310.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.00 mm



110809 Starter 12 V, 2.0 kW
 Replacing: 61924100
 Servicing: Dodge, Hyundai, Mitsubishi, Proton
 B+ M8, Length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 3.00 mm



110813 Starter 12 V, 2.7 kW
 Replacing: S0850, LRS01976, 61924066, 61924015, 26390E, 26390B, 26390A, 26390, 26290
 Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco
 B+ M10, Length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW
 Replacing: 27401
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110817 Starter 12 V, 2.1 kW
 Replacing: 27427E, 27427A, 27427, 27424B, 27424A, 27424, 26310H, 26310F, 26310E, 26310D, 26310A, 26310, 26285F
 Servicing: DAF, Various Agriculture Vehicles
 B+ M8, Length 315.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 25.00 mm



110818 Starter 12 V, 2.1 kW
 Replacing: S4523, NSB513, NSB415, 27463D, 27463A, 27463, 27423A, 27423, 27413D, 27413A, 27413, 26917, 26278
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW
 Replacing: S4515, NSB530, 27593A, 27593, 27584, 27582, 27580, 27571B, 27571A, 27571, 27546B, 27546A, 27546
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110831 Starter 12 V, 0.8 kW
 Replacing: NSB103, NSB101, 26657, 26656, 26654, 26649, 25368A, 25368, 25356A, 25356, 25333A, 25333, 25331D
 Servicing: Ford
 B+ M8, Length 258.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 31.00 mm



110842 Starter 12 V, 1.4 kW
 Replacing: 26805
 Servicing: Ford, Merkur
 B+ M8, Length 243.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 5.35 mm



110867 Starter 12 V, 1.7 kW
 Replacing: 26942, 26941, 26935D, 26935,
 26914F, 26914A, 26914, 26913
 Servicing: Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 14.25 mm



111030 Starter 12 V, 1.4 kW
 Replacing: 27002, 26680, 26628
 Servicing: Ford, Volvo
 B+ M8, Length 246.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 A: 76.20 B: 14.00 mm



111102 Starter 12 V, 0.8 kW
 Manufacturer: Lucas
 Replacing: 25345A, 25345, 25238E, 25238A,
 25238, 25196F, 25196A, 25196, 25147H,
 25147E, 25147D, 25147B, 25147A
 Servicing: Austin, Lotus, MG, Plymouth,
 Triumph, Vauxhall
 B+ M7, Length 310.80, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (0)
 A: 88.85 B: 45.00 mm



111103 Starter 12 V, 0.8 kW
 Manufacturer: Lucas
 Replacing: 25239F, 25239A, 25239, 25201,
 25149H, 25149D, 25149B, 25149, 25138J,
 25138A, 25138, 25097, 25092D
 Servicing: Hillman, MG, Morris, Triumph,
 Various Agriculture Vehicles, Vauxhall
 B+ M8, Length 321.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 88.80 B: 60.35 mm



111131 Starter 12 V, 0.8 kW
 Replacing: 27014, 27006, 27005, 26679,
 26678, 26601, 26600, 26587
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111254 Starter 24 V, 4.5 kW
 Replacing: LRS01910
 Servicing: John Deere
 B+ M10, Length 332.25, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 94.85 B: 19.20 mm



111303 Starter 12 V, 0.8 kW
 Replacing: 27047, 27043, 27022, 26814D,
 26814B, 26814A, 26814, 26667
 Servicing: Jaguar, Nissan
 B+ M8, Length 185.15, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (1)
 A: 69.95 B: 11.15 mm



111310 Starter 12 V, 0.8 kW
 Replacing: 26925159E, 26925159B, 26925159A
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 B+ M8, Length 190.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 75.00 B: 6.00 mm



111346 Starter 12 V, 2.8 kW
 Replacing: 27629, 27627B, 27627, 27626,
 27620, 27610, 27608, 27602, 27598, 27590,
 27589, 27568A, 27568, 27565D
 Servicing: Massey Ferguson
 B+ M8, Length 314.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



111385 Starter 12 V, 0.6 kW
 Manufacturer: Lucas
 Replacing: 26251048
 Servicing: Bedford, Suzuki
 B+ M8, 15a 6.30, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 64.85 B: 27.00 mm



111573 Starter 12 V, 2.8 kW
 Replacing: 27526D, 27526A, 27526, 27513A,
 27513, 26376L, 26376K, 26376A, 26376,
 26351, 26343K, 26343D, 26343B
 Servicing: Avia, JCB, TCM, Various
 Agriculture Vehicles
 B+ M8, Length 311.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 101.00 B: 25.50 mm



111574 Starter 12 V, 2.8 kW
 Replacing: 27595, 27564F, 27564A, 27564, 26025110A
 Servicing: ERF, LDV International, Various Agriculture Vehicles
 B+ M8, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.75 B: 47.15 mm



111608 Starter 12 V, 1.4 kW
 Replacing: 26845, 26841, 26834, 26813
 Servicing: Infiniti, Nissan
 B+ M8, Length 216.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.25 B: 43.00 mm



111737 Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: 27570, 27502D, 27502A, 27502, 26369J, 26369H, 26369A, 26369, 26359F, 26359B, 26359A, 26359, 26357R
 Servicing: Atlas Copco, Bedford, Fiat-Allis, Massey Ferguson, Perkins, Sampo-Rosenlew
 B+ M8, Length 314.75, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 26689
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 26801, 26267, 25696L, 25696J, 25696H, 25696E, 25696A, 25696, 25681D, 25681A, 25681
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



112124 Starter 12 V, 0.9 kW
 Replacing: NSB132
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 206.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)
 A: 64.10 B: 11.00 mm



112136 Starter 12 V, 2.8 kW
 Replacing: 27533E, 27533A, 27533, 26398H, 26398F, 26398A, 26398
 Servicing: Massey Ferguson
 B+ M8, Length 340.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 88.75 B: 48.30 mm



112232 Starter 12 V, 2.4 kW
 Manufacturer: Lucas
 Replacing: 26925202B
 Servicing: Mercruiser, OMC, Thermo King, Volvo Penta
 B+ M10, 15a M5, Length 320.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 Replacing: 10MT.
 A: 82.00 B: 46.00 mm



112277 Starter 12 V, 1.8 kW
 Replacing: 54292967, 47920166, 47920141, 26920E, 26920A, 26920
 Servicing: Perkins
 B+ M8, B- M6, Length 261.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114650
 A: 89.00 B: 30.00 mm



112390 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 66925191, 27018, 26631, 25219K, 25219
 Servicing: Lister
 B+ M8, 15a 4.70, Length 210.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: 529965EX, 27604, 27586, 27575, 27556, 27508D, 27508B, 27508A, 27508, 26925262B, 26433, 26428A
 Servicing: Case
 B+ M10, Length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 48.00 mm



112670 Starter 24 V, 4.0 kW
 Replacing: 27315E, 27315B, 27315A, 27315, 27311H, 27311E, 27311A, 27311, 27309E, 27309A, 27309, 27301K
 Servicing: DAF, Hanomag, Mercedes-Benz, Perkins
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 28.50 mm



113346 Starter 12 V, 0.8 kW
 Replacing: 27034, 26694, 26693, 26690, 26660
 Servicing: MG, Rover, VW
 B+ M8, Length 210.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 67.00 B: 41.00 mm



113380 Starter 12 V, 2.8 kW
 Replacing: NSB534, 27553D, 27553A, 27553,
 27507B, 27507A, 27507, 27504B, 27504A,
 27504, 26430D, 26430A, 26430
 Servicing: Ford
 B+ M8, B- M8, Length 311.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
Terminal 50 is where the wire needs to be soldered.
 A: 91.80 B: 20.00 mm



113381 Starter 12 V, 2.5 kW
 Replacing: 27430B, 27430A, 27430
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni
 B+ M10, B- M8, Length 340.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 109.70 B: 26.00 mm



113478 Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: 26024033A
 Servicing: Atlas Copco, John Deere
 B+ M10, Length 303.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0), Oil sealed
Alternative HC-CARGO 116379.
 A: 82.50 B: 35.00 mm



113484 Starter 24 V, 4.0 kW
 Replacing: 27305
 Servicing: Sisu, Valtra
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm



113668 Starter 12 V, 1.2 kW
 Replacing: S9463
 Servicing: Clark, Mitsubishi
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 77.00 B: 18.00 mm



113670 Starter 12 V, 2.2 kW
 Manufacturer: Lucas
 Replacing: 26025115A, 26025115, 26024070A
 Servicing: Mahindra
 B+ M8, 15a M5, Length 284.35,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 20.00 mm



113745 Starter 12 V, 1.4 kW
 Replacing: 25756A, 25756, 25755A, 25755,
 25692J, 25692H, 25692F, 25692A, 25692
 Servicing: Jaguar
 B+ M8, 15a M4, Length 267.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (1)
 A: 89.00 B: 26.70 mm



113752 Starter 12 V, 1.8 kW
 Replacing: 26946, 26945, 26943
 Servicing: Fiat
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.00 B: 23.50 mm



114123 Starter 12 V, 0.8 kW
 Replacing: 063102021010
 Servicing: Fiat
 B+ M8, 30h M6, Length 190.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (1)
 A: 64.00 B: 11.00 mm



114650 Starter 12 V, 1.8 kW
 Replacing: 27503, 26358, 26295, 25372A,
 25372
 Servicing: Perkins
 B+ M8, Length 311.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
Not insulated return.
 A: 88.90 B: 30.00 mm



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114713 Starter 12 V, 2.2 kW
 Replacing: 26301, 26215H, 26215F, 26215E,
 26215A, 26215
 Servicing: Massey Ferguson
 B+ M8, Length 300.00, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 27.00 mm



114730 Starter 12 V, 2.1 kW
 Replacing: 27477A, 27412, 26275
 Servicing: Various Agriculture Vehicles,
 Various Industrial applications
 B+ M8, B- M8, Length 317.00,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



114821 Starter 12 V, 0.9 kW
 Manufacturer: Valeo
 Replacing: 26024242A
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type DD,
 Mount. holes 2 (2)
 A: 75.00 B: 15.00 mm



115572 Starter 12 V, 2.1 kW
 Replacing: 27410, 26270
 Servicing: Lister
 B+ M8, B- 1/4" UNC, 15a 6.30, Length 307.00,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.50 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 61924050
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536, 116086 , 116312
 A: 89.00 B: 28.00 mm

STARTERS



110213 Starter 24 V, 6.6 kW
 Replacing: 63226391, 63226301
 Servicing: Fiat, Iveco
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110338 Starter 12 V, 0.8 kW
 Replacing: E84-0.8/12V1, 63220741,
 63220731, 63220721, 63220701
 Servicing: Fiat, Lancia, Zastava
 B+ M8, Length 254.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.90 B: 12.00 mm



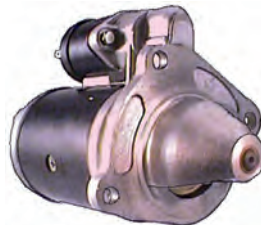
110352 Starter 12 V, 1.3 kW
 Replacing: E100-1.3/12V8, 63222506, 63222438,
 63222436, 63222435, 63222408, 63222405
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110365 Starter 12 V, 0.8 kW
 Replacing: E84-0.8/12V3, 63221892,
 63221832, 63220743, 63220733, 63220723,
 63220713, 63220703, 63220537
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110396 Starter 12 V, 1.4 kW
 Replacing: 943254024010
 Servicing: Toyota
 B+ M8, Length 189.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



110440 Starter 12 V, 2.1 kW
 Replacing: 63227468
 Servicing: Land Rover
 B+ M8, Length 309.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 91.90 B: 19.00 mm



110442 Starter 12 V, 2.1 kW
 Replacing: 63227479, 2707130
 Servicing: Balkancar, Conveyancer, Massey
 Ferguson, Matbro
 B+ M8, Length 309.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.90 B: 30.00 mm



110461 Starter 12 V, 2.8 kW
 Replacing: 63227501
 Servicing: Ford, Lancer Boss, Various
 Agriculture Vehicles
 B+ M8, 30h M5, Length 272.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



110462 Starter 12 V, 2.8 kW
 Replacing: 63227569
 Servicing: Buhner, Ford, Matbro, New Holland
 B+ M8, Length 319.45, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137
 A: 92.00 B: 20.00 mm



110464 Starter 12 V, 2.1 kW
 Replacing: 63227489
 Servicing: Carbodyes, DAF, Lancer Boss,
 Various Agriculture Vehicles
 B+ M8, Length 336.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110517 Starter 24 V, 3.2 kW
 Replacing: MT72AB, MT72AA, MT72A, MT67AD,
 63217226, 63217225, 63217201, 30281018
 Servicing: BENFRA, Fiat-Allis, Iveco
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: MT67CB, MT67CA, MT67C, 63216741,
 63216740, 63216703, 30281020, 063216741010
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110519 Starter 12 V, 3.0 kW
 Replacing: MT68BA, MT68B, 63216833, 63216802, 4755112, 4737758
 Servicing: Iveco, Volvo
 B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW
 Replacing: MT67BA, MT67B, MT43HA, 63216733, 63216702, 63214371, 63214333, 63214308, 30281027, 30281017
 Servicing: Cummins, Fiat-Allis
 B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110521 Starter 24 V, 4.0 kW
 Replacing: MT67DB, MT67DA, MT67D, MT67AC, MT67AB, MT67AA, MT67A, 63224580, 63224170, 63216748, 63216747
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 343.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110522 Starter 12 V, 3.0 kW
 Replacing: MT68LC, MT68LB, MT68LA, MT68L, 63216898, 63216896, 63216873, 4755110, 063216896010
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.50 mm



110524 Starter 24 V, 4.0 kW
 Replacing: 63206704, 063206704010
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110529 Starter 12 V, 3.0 kW
 Replacing: MT68MB, MT68MA, MT68AD, MT68AC, MT68AB, MT68AA, MT68A, MT62BA, M125M3Z9, M125M3-Z9(3/12), M125-3/12
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 30.00 mm



110530 Starter 12 V, 3.0 kW
 Replacing: MT71FB, MT71FA, MT71F, MT68PB, MT68PA, MT68P, 63217138, 63216884, 63216876, 63216814, 063216884010
 Servicing: Huerlimann, Lamborghini, Same
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: MT74G, MT68T, 943252071010
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Magneton.
 Alternative no.: 116086 , 116139 , 116312
 A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW
 Replacing: 63227512
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110585 Starter 12 V, 1.2 kW
 Replacing: 63291405
 Servicing: Renault, Volvo
 B+ M8, Length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)
 A: 66.00 B: -2.00 mm



110615 Starter 12 V, 2.8 kW
 Replacing: 943226366, 63296357, 63227596, 63227588, 63227585, 63227520, 63227518, 63227486, 63227478, 54293284
 Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins
 B+ M8, B- M8, Length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 HC-CARGO 115393 4.0 kW. Alternative HC-CARGO 115334.
 A: 89.00 B: 29.50 mm



110640 Starter 12 V, 3.0 kW
 Replacing: MT71Z
 Servicing: Allis Chalmers, Fiat, Fiat-Allis, Long
 B+ M10, Length 310.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.00 mm

STARTERS

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* Available while stock last, * Program development.



110813 Starter 12 V, 2.7 kW
 Replacing: MT71AC, MT71AB, MT71AA, MT71A, 63522235, 63217126, 63217125, 63217101, 30380319
 Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco
 B+ M10, Length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110814 Starter 12 V, 2.7 kW
 Replacing: MT71DB, MT71DA, MT71D, 94317148, 63217148, 63217147, 63217104, 30180309
 Servicing: Alfa Romeo, BENFRA, Fiat, Iveco, Lancia, Massey Ferguson, Renault
 B+ M10, Length 296.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.80 mm



110818 Starter 12 V, 2.1 kW
 Replacing: 63227528, 63227413, 63226845
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110819 Starter 12 V, 2.8 kW
 Replacing: 63227488, 63227480, 63227470, 27593A, 27571, 27540, 27522
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110854 Starter 12 V, 1.4 kW
 Replacing: 63223531, 63223530, 63223436, 63223431
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 243.35, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 66.25 B: 23.00 mm



110867 Starter 12 V, 1.7 kW
 Replacing: 63253020, 63226942
 Servicing: Ford, Mazda
 B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.20 B: 14.25 mm



111001 Starter 12 V, 3.0 kW
 Replacing: MT68RA, MT68R, MT56A, 63216816
 Servicing: Lamborghini, Same, Steyr
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 21.60 mm



111010 Starter 12 V, 1.4 kW
 Replacing: 63223434, 50246218
 Servicing: Audi, VW
 B+ M8, 15a 6.30, Length 243.25, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 20.80 mm



111015 Starter 12 V, 1.1 kW
 Replacing: 63521070
 Servicing: Lombardini, Various Agriculture Vehicles
 B+ M8, Length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.20 B: 15.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: 63221890, 63221830, 63221800
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111088 Starter 12 V, 0.8 kW
 Replacing: 63223304
 Servicing: Daihatsu, Piaggio
 B+ M8, Length 209.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 64.60 B: 30.00 mm



111131 Starter 12 V, 0.8 kW
 Replacing: 943251688, 63253010, 63227014
 Servicing: Austin, Ford, Mazda, Rover
 B+ M8, Length 208.75, Drive type Steel, Gear type DD, Mount. holes 3 (3)
 A: 76.15 B: 13.45 mm



111217 Starter 12 V, 3.0 kW
 Replacing: MT38RA, MT38R, MT38M
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111310 Starter 12 V, 0.8 kW
 Replacing: 63103019
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 B+ M8, Length 190.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 75.00 B: 6.00 mm



111420 Starter 12 V, 0.9 kW
 Replacing: 63222904, 63102003
 Servicing: Fiat
 B+ M8, Length 205.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (1)
 A: 64.00 B: 10.50 mm



111251 Starter 12 V, 1.1 kW
 Replacing: 943251489010
 Servicing: Renault, Volvo
 B+ M8, Length 208.20, Drive type Steel,
 Gear type GR, Mount. holes 4 (4)
 Short version HC-CARGO 115442.
 A: 66.00 B: -2.00 mm



111346 Starter 12 V, 2.8 kW
 Replacing: 63227599, 63227598, 63227590,
 63227568, 63227565, 63227541
 Servicing: Massey Ferguson
 B+ M8, Length 314.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



111421 Starter 12 V, 2.2 kW
 Manufacturer: Bosch
 Replacing: 63222138, 63222034
 Servicing: Citroen, Fiat
 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 116327
 A: 81.75 B: 26.60 mm



111284 Starter 12 V, 2.5 kW
 Replacing: 63217163, 63217106,
 063217163010
 Servicing: Lamborghini, Sabb, Various
 Agriculture Vehicles
 B+ M10, Length 296.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



111347 Starter 12 V, 1.2 kW
 Replacing: 63111043, 63111023
 Servicing: Daewoo, Mercedes-Benz,
 Ssangyong, VW
 B+ M8, Length 219.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 25.00 mm



111422 Starter 12 V, 0.8 kW
 Replacing: 63223200, 63222936, 63222890,
 63222889, 63222888, 63101002
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (1)
 A: 64.00 B: 11.50 mm



111303 Starter 12 V, 0.8 kW
 Replacing: 63227051
 Servicing: Jaguar, Nissan
 B+ M8, Length 185.15, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (1)
 A: 69.95 B: 11.15 mm



111400 Starter 12 V, 1.4 kW
 Replacing: 63223433
 Servicing: BMW
 B+ M8, 30h M5, Length 246.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 22.00 mm



111585 Starter 12 V, 0.8 kW
 Replacing: 63222908, 63222905, 63222897,
 63222837, 63222836
 Servicing: Fiat
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 61.90 B: 13.00 mm

STARTERS

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111685 Starter 12 V, 1.4 kW
 Replacing: 63223730, 63111007, 63111005
 Servicing: Alfa Romeo, Fiat, Lancia
 B+ M8, Length 211.80, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 65.90 B: 10.80 mm



111693 Starter 12 V, 2.5 kW
 Replacing: MT74L, 63217410
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 21.65 mm



111750 Starter 12 V, 1.4 kW
 Replacing: 63226689
 Servicing: Ford
 B+ M8, 15a M5, Length 208.50,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (3)
 A: 76.00 B: 13.50 mm



111755 Starter 12 V, 3.0 kW
 Replacing: 63206834, 063206834010
 Servicing: John Deere
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 34.00 mm



111865 Starter 12 V, 1.7 kW
 Replacing: 63226801
 Servicing: Lancia, Land Rover
 B+ M8, Length 268.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 73.00 B: 39.00 mm



111906 Starter 12 V, 1.1 kW
 Replacing: 63280010
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 26.35 mm



111911 Starter 12 V, 1.4 kW
 Replacing: 63293537, 63280070, 63223537,
 63111006
 Servicing: Bertolini, BMW, Ford, Porsche,
 Various Agriculture Vehicles
 B+ M8, 30h M5, Length 231.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (2)
 A: 76.00 B: 20.50 mm



112026 Starter 12 V, 2.6 kW
 Replacing: 63114014, 063114014010
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.50 B: 23.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: 63221435, 63221405
 Servicing: ACME, Arona, BCS, Ferrari,
 Goldoni, Hatz, Lombardini, Mosa, Ruggerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: MT71GB, 63217158, 063217158010
 Servicing: Fendt, Jenbacher Werke, KHD,
 Lombardini
 B+ M10, Length 298.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112124 Starter 12 V, 0.9 kW
 Replacing: 63223303, 63223101, 63223085,
 63223033, 63223031, 63223001, 63222833,
 63222831, 63103022, 63103007
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 206.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (3)
 A: 64.10 B: 11.00 mm



112136 Starter 12 V, 2.8 kW
 Replacing: 63227601
 Servicing: Massey Ferguson
 B+ M8, Length 340.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 48.30 mm



112172 Starter 12 V, 1.6 kW
 Replacing: 63223209
 Servicing: Arona, BMW, Ferrari, Lombardini, Mosa
 B+ M8, 30h M5, Length 267.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm



112173 Starter 12 V, 2.7 kW
 Replacing: MT41A
 Servicing: Bertolini, BMW, Hatz, VM (Stabilimenti Mec)
 B+ M10, Length 342.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 82.50 B: 20.00 mm



112235 Starter 12 V, 1.4 kW
 Replacing: 63280005, 63280001
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 225.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 76.10 B: 13.00 mm



112249 Starter 12 V, 2.7 kW
 Replacing: MT74BA, MT71RB
 Servicing: Mercedes-Benz, Various Agriculture Vehicles
 B+ M10, Length 295.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



112267 Starter 12 V, 2.5 kW
 Replacing: 63227564
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



112277 Starter 12 V, 1.8 kW
 Replacing: 63226920
 Servicing: Perkins
 B+ M8, B- M6, Length 261.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114650
 A: 89.00 B: 30.00 mm



112309 Starter 12 V, 1.4 kW
 Replacing: 63223438
 Servicing: Audi, VW
 B+ M8, 15a 6.30, Length 245.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 76.00 B: 27.00 mm



112340 Starter 12 V, 1.4 kW
 Replacing: 63280002
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 226.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 4.00 mm



112379 Starter 12 V, 1.8 kW
 Replacing: 63113003, 063113003010
 Servicing: Fiat
 B+ M8, Length 221.35, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 NOTE CANNOT replace Bosch 0001109048 and 0001108204. The Bosch numbers have a new Cargo reference Cargoref# 114321.
 A: 77.00 B: 10.00 mm



112382 Starter 12 V, 0.8 kW
 Replacing: 63103024, 63103015, 63102020, 63102018, 63102007, 63101018, 63101015
 Servicing: Fiat, Lancia
 B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (1)
 A: 64.50 B: 10.50 mm



112390 Starter 12 V, 1.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 63226631
 Servicing: Lister
 B+ M8, 15a 4.70, Length 210.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)
 A: 89.00 B: 27.00 mm



112436 Starter 12 V, 2.3 kW
 Replacing: 943253266010
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 248.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 81.50 B: 21.50 mm



112455 Starter 12 V, 1.4 kW
 Replacing: 63223432
 Servicing: Alfa Romeo, Fiat, Lancia, VW
 B+ M8, 30h M5-6.30, Length 241.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 68.00 B: 23.00 mm



112498 Starter 24 V, 4.0 kW
 Replacing: 63522310
 Servicing: Ginaf, Iveco
 B+ M10, Length 315.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



112533 Starter 12 V, 2.2 kW
 Replacing: 63222035
 Servicing: BMW, Land Rover, Opel, Vauxhall
 B+ M8, 30h M5, Length 271.75,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 76.00 B: 21.00 mm



112537 Starter 12 V, 2.2 kW
 Replacing: 943251415010, 50246416
 Servicing: Audi, Fiat, VW
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 22.00 mm



112660 Starter 12 V, 2.8 kW
 Replacing: 63227508
 Servicing: Case
 B+ M10, Length 333.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.80 B: 48.00 mm



112818 Starter 12 V, 1.4 kW
 Replacing: 944280166
 Servicing: Renault, Volvo
 B+ M8, 15a 6.30, Length 241.50,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (2)
 A: 76.00 B: 0.20 mm



112821 Starter 12 V, 2.2 kW
 Replacing: 63187051
 Servicing: Ford, Jaguar
 B+ M8, Length 250.80, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 Alternative no.: 115870
 B: 36.00 mm



113182 Starter 12 V, 3.0 kW
 Replacing: MSN2039
 Servicing: New Holland
 B+ M10, Length 320.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



113254 Starter 12 V, 1.4 kW
 Replacing: 63280091
 Servicing: Citroen, DS, Fiat, Peugeot, Toyota
 B+ M8, Length 206.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113276 Starter 12 V, 1.1 kW
 Replacing: 944280198
 Servicing: Chevrolet, Daewoo, Fiat,
 Mercedes-Benz, Opel, Saab, Vauxhall
 B+ M8, Length 200.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.90 B: 19.00 mm



113346 Starter 12 V, 0.8 kW
 Replacing: 63230001, 63223104, 63223103,
 30003A, 30002A, 30001A, 30000A
 Servicing: MG, Rover, VW
 B+ M8, Length 210.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 A: 67.00 B: 41.00 mm



113381 Starter 12 V, 2.5 kW
 Replacing: 63217121
 Servicing: Farymann, Fiat, Fiat-Allis, Goldoni
 B+ M10, B- M8, Length 340.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 109.70 B: 26.00 mm



9,11



113430 Starter 12 V, 1.8 kW
 Replacing: 63113002, 063113002010
 Servicing: Alfa Romeo, Fiat, Lancia, Suzuki
 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 81.50 B: 9.50 mm



9



113446 Starter 12 V, 2.2 kW
 Replacing: 63224017, 63222005, 63114017
 Servicing: BMW, Land Rover, Opel, Vauxhall
 B+ M8, 30h M5, Length 239.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (2)
 Alternative no.: 115506
 A: 76.00 B: 20.00 mm



9



113467 Starter 12 V, 3.7 kW
 Replacing: 943252216010
 Servicing: Atlas Copco, Deutz-Fahr, Iveco
 B+ M10, Length 368.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



10



113654 Starter 12 V, 3.0 kW
 Replacing: 63280040, 40003A
 Servicing: JCB, Perkins
 B+ M8, B- M8, Length 292.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 Optional use HC-CARGO 115389, 4.2 kW. HC-CARGO
 113654 is a Marelli/Denso version, and cannot
 replace the Iskra version (HC-CARGO 114387).
 A: 89.00 B: 30.50 mm



10



113655 Starter 12 V, 3.0 kW
 Replacing: 63280041
 Servicing: Hattat Tarim, JCB, Perkins
 B+ M8, Length 291.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0) HC-CARGO 113655 is a
 Marelli/Denso version, and cannot replace
 the Iskra version (HC-CARGO 114388).
 A: 89.00 B: 30.50 mm



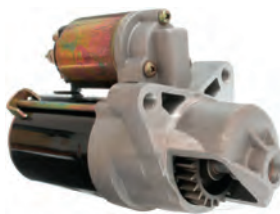
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113659 Starter 12 V, 0.9 kW
 Replacing: 63280901
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



21,23



113701 Starter 12 V, 1.1 kW
 Manufacturer: Visteon
 Replacing: 63293538, 63223538
 Servicing: Ford, Mazda
 B+ M8, Length 218.50, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (2)
 Alternative no.: 116329
 A: 71.00 B: 14.00 mm



9



113719 Starter 12 V, 1.3 kW
 Replacing: 63280045
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 115869
 A: 63.90 B: 24.00 mm



9



113750 Starter 12 V, 0.9 kW
 Replacing: 63293039
 Servicing: Seat, VW
 B+ M8, Length 233.50, Drive type Steel,
 Gear type DD/GR, Mount. holes 4 (2)
 Bosch version HC-CARGO 113750 Marelli
 Version HC-CARGO 114758
 A: 82.50 B: 2.00 mm



9



113752 Starter 12 V, 1.8 kW
 Replacing: 63112003
 Servicing: Fiat
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.00 B: 23.50 mm



11



113925 Starter 12 V, 1.8 kW
 Replacing: 63193001, 63113001
 Servicing: BMW
 B+ M8, 30h M5, Length 227.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (2)
 A: 76.00 B: 21.00 mm



8,9,10



113962 Starter 12 V, 0.9 kW
 Replacing: 63280042, 63103031, 63102022,
 63101021
 Servicing: Abarth, Alfa Romeo, Fiat, Ford,
 Lancia
 B+ M8, Length 169.60, Gear type DD/GR,
 Mount. holes 2 (1)
 A: 64.10 B: 10.00 mm



114072 Starter 12 V, 2.0 kW
 Replacing: 63280071
 Servicing: BMW
 B+ M8, 30h M5, Length 232.00,
 Gear type GR, Mount. holes 2 (2)
 A: 76.00 B: 21.00 mm



114118 Starter 12 V, 1.4 kW
 Replacing: 63223435
 Servicing: BMW
 B+ M8, 30h M5, Length 244.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 75.90 B: 23.00 mm



114123 Starter 12 V, 0.8 kW
 Replacing: 63102021, 63101023, 63101022,
 63101008, 63101003
 Servicing: Fiat
 B+ M8, 30h M6, Length 190.00,
 Drive type Steel, Gear type DD/GR,
 Mount. holes 3 (1)
 A: 64.00 B: 11.00 mm



114126 Starter 12 V, 2.3 kW
 Replacing: 63280090
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 248.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 72.00 B: -6.00 mm



114265 Starter 12 V, 2.7 kW
 Replacing: MT71LA, MT71L
 Servicing: VM (Stabilimenti Mec)
 B+ M10, Length 295.00,
 Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



114730 Starter 12 V, 2.1 kW
 Replacing: 63227485
 Servicing: Various Agriculture Vehicles,
 Various Industrial applications
 B+ M8, B- M8, Length 317.00,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 28.50 mm



114758 Starter 12 V, 0.9 kW
 Replacing: 63293039, 63223039
 Servicing: Seat, VW
 B+ M8, Length 217.50, Gear type GR,
 Mount. holes 4 (2)
*Bosch version HC-CARGO 113750. Marelli
 Version HC-CARGO 114758-*
 A: 82.50 B: 2.00 mm



115407 Starter 12 V, 1.4 kW
 Replacing: 63111001
 Servicing: Nissan
 B+ M8, Length 229.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 42.00 mm



115869 Starter 12 V, 1.3 kW
 Manufacturer: Visteon
 Replacing: 63280045
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113719
 A: 63.90 B: 24.00 mm



115951 Starter 12 V, 0.8 kW
 Replacing: 63191007, 63101007
 Servicing: Smart (MCC)
 B+ M8, Length 172.00, Gear type DD,
 Mount. holes 2 (2)
 Alternative no.: 112380
 A: 70.00 B: 15.00 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: MT74G, MT68T, 943252071010
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
Iskra type.
 Alternative no.: 110536, 116086 , 116312
 A: 89.00 B: 28.00 mm



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116327 Starter 12 V, 2.2 kW
 Replacing: 63222138, 63222034
 Servicing: Citroen, Fiat
 B+ M8, Length 274.00, Gear type GR,
 Mount. holes 3 (3)
 Alternative no.: 111421
 A: 82.00 B: 29.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: 9125100
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110209 Starter 24 V, 5.4 kW
 Replacing: 9125420
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110214 Starter 24 V, 6.6 kW
 Replacing: 9125120
 Servicing: Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



110206 Starter 24 V, 5.4 kW
 Replacing: 9125330, 9125260, 9125220
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 9125010
 Servicing: Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110338 Starter 12 V, 0.8 kW
 Replacing: 9141325
 Servicing: Fiat, Lancia, Zastava
 B+ M8, Length 254.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.90 B: 12.00 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 9125240
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110212 Starter 24 V, 6.6 kW
 Replacing: 9125460, 9125130
 Servicing: Iveco, Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110352 Starter 12 V, 1.3 kW
 Replacing: 9141382
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110208 Starter 24 V, 5.4 kW
 Replacing: 9125250
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr,
 Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Waterproof
 A: 89.00 B: 48.00 mm



110213 Starter 24 V, 6.6 kW
 Replacing: 9125020
 Servicing: Fiat, Iveco
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110461 Starter 12 V, 2.8 kW
 Replacing: 9142860, 9142724
 Servicing: Ford, Lancer Boss, Various
 Agriculture Vehicles
 B+ M8, 30h M5, Length 272.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm

STARTERS



110462 Starter 12 V, 2.8 kW
 Replacing: 9144965, 9142765
 Servicing: Buhner, Ford, Matbro, New Holland
 B+ M8, Length 319.45, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115391.
 Alternative no.: 116137
 A: 92.00 B: 20.00 mm



110464 Starter 12 V, 2.1 kW
 Replacing: 91428729
 Servicing: Carbodyes, DAF, Lancer Boss,
 Various Agriculture Vehicles
 B+ M8, Length 336.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 29.50 mm



110512 Starter 24 V, 5.4 kW
 Replacing: 9125340, 9125320
 Servicing: Ahlmann, Irmer, Mercedes-Benz,
 Various Agriculture Vehicles
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110517 Starter 24 V, 3.2 kW
 Replacing: 9124320
 Servicing: BENFRA, Fiat-Allis, Iveco
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: 9124330
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110519 Starter 12 V, 3.0 kW
 Replacing: 9142744
 Servicing: Iveco, Volvo
 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW
 Replacing: 443115174622
 Servicing: Cummins, Fiat-Allis
 B+ M10, Length 343.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110521 Starter 24 V, 4.0 kW
 Replacing: 9142320
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 343.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110522 Starter 12 V, 3.0 kW
 Replacing: 443115144723
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.50 mm



110523 Starter 24 V, 4.8 kW
 Replacing: 9174602, 9124310, 443115174602
 Servicing: ABG, Ahlmann, Case, Compair,
 Iveco, KHD, Payloader
 B+ M10, Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



110524 Starter 24 V, 4.0 kW
 Replacing: 9124350
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW
 Replacing: 9142746, 443115144726
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110529 Starter 12 V, 3.0 kW
 Replacing: 9144744
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 340.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 30.00 mm



110530 Starter 12 V, 3.0 kW
 Replacing: 9144821, 9144743, 9142880, 443115144743
 Servicing: Huerlimann, Lamborghini, Same
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



110532 Starter 24 V, 6.6 kW
 Replacing: 9125030
 Servicing: Iveco
 B+ M10, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0), Waterproof
 A: 115.00 B: 21.00 mm



110534 Starter 24 V, 5.4 kW
 Replacing: 9125370
 Servicing: Ford, Iveco, Various Agriculture Vehicles
 B+ M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 9125400
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: 9142803, 9142802
 Servicing: ABG, Atlas Copco, Bobcat, Bomag, Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer, Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 234.00, Drive type Steel, Gear type GR, Mount. holes 3 (0) Magnetron.
 Alternative no.: 116086 , 116139 , 116312
 A: 89.00 B: 28.00 mm



110545 Starter 12 V, 3.0 kW
 Replacing: 91455722, 9144722, 9142741, 443115144729, 443115144620, 443115144420, 44311514442
 Servicing: Balkancar, Chang Feng (Liebao), Dronningborg, Sampo-Rosenlew, Ursus, Valtra, Zetor
 B+ M10, Length 335.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110551 Starter 12 V, 3.0 kW
 Replacing: 9144742, 443115144742, 443115144640, 443115144540
 Servicing: Lamborghini, Same, Ursus, Zetor
 B+ M10, Length 326.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110565 Starter 12 V, 2.8 kW
 Replacing: 9142804
 Servicing: Eicher, Massey Ferguson
 B+ M8, B- M8, Length 313.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 4 KW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110582 Starter 24 V, 5.4 kW
 Replacing: 9125480, 9125270
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: 9141400
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: 9125290, 9124340
 Servicing: Mercedes-Benz, Steyr
 B+ M10, Length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 47.50 mm


110615 Starter 12 V, 2.8 kW

Replacing: 9142728, 9142720

Servicing: Agco Allis, Agco White, Allis Chalmers, Atlas Copco, JCB, Massey Ferguson, Perkins

B+ M8, B- M8, Length 312.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)

HC-CARGO 115393 4.0 kW. Alternative HC-CARGO 113534.

A: 89.00 B: 29.50 mm


110813 Starter 12 V, 2.7 kW

Replacing: 9144745

Servicing: Agrifull, Allis Chalmers, BENFRA, Fiat, Fiat-Allis, Goldoni, Iveco

B+ M10, Length 294.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 27.00 mm


110818 Starter 12 V, 2.1 kW

Replacing: 9142764

Servicing: Case, Fiat-Allis, Massey Ferguson

B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 24.60 mm


110867 Starter 12 V, 1.7 kW

Replacing: 9141384

Servicing: Ford, Mazda

B+ M8, Length 265.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 76.20 B: 14.25 mm


110932 Starter 24 V, 5.4 kW

Replacing: 9125430

Servicing: DAF

B+ M10, B- M10, Length 384.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.00 mm


110980 Starter 24 V, 5.4 kW

Replacing: 9125500

Servicing: Volvo

B+ M10, B- M10, Length 387.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


111001 Starter 12 V, 3.0 kW

Replacing: 9144820

Servicing: Lamborghini, Same, Steyr

B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.00 B: 21.60 mm


111041 Starter 12 V, 2.8 kW

Replacing: 9142740, 443115142740

Servicing: Fiat-Allis, Hyster, Perkins

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 22MT, 27MT, 28MT.

A: 88.85 B: 46.25 mm


111059 Starter 12 V, 0.9 kW

Replacing: 9141391

Servicing: Seat, VW

B+ M8, 15a 6.30, Length 230.00, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140008.

A: 76.00 B: 33.00 mm


111060 Starter 12 V, 1.7 kW

Replacing: 9141393

Servicing: VW

B+ M8, Length 264.35, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Bushing D.E. (clutch house): HC-CARGO 140018.

A: 76.00 B: 31.80 mm


111070 Starter 12 V, 1.7 kW

Replacing: 9141404

Servicing: Citroen, Fiat, Hyundai, Lancia, Peugeot, Suzuki, Talbot

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Mount. holes 3 (3)

A: 66.00 B: -6.50 mm


111214 Starter 12 V, 1.0 kW

Replacing: 9141430, 9141310, 443115142350, 443115141311, 443115141310

Servicing: Skoda, VW

B+ M8, Length 194.75, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.00 B: 26.45 mm



111218 Starter 24 V, 5.4 kW
 Replacing: 9125350
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: 9125490
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 9125150
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 40.25 mm



111241 Starter 12 V, 1.2 kW
 Replacing: 9141350
 Servicing: Dodge, Hyundai, Kia, Mitsubishi
 B+ M8, Length 207.80, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 73.00 B: 17.00 mm



111332 Starter 12 V, 2.7 kW
 Replacing: 9142801, 9142701, 443115142801,
 443115142701
 Servicing: Fendt, Renault Agriculture
 B+ M8, Length 293.55, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



111619 Starter 12 V, 1.7 kW
 Replacing: 9141385
 Servicing: Fiat, Seat
 B+ M8, Length 263.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.50 B: 23.00 mm



111693 Starter 12 V, 2.5 kW
 Replacing: 9142840
 Servicing: Fiat, Iveco, Multicar
 B+ M10, Length 295.65, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (1)
 A: 110.00 B: 21.65 mm



111748 Starter 12 V, 1.1 kW
 Replacing: 9141394
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140018.
 A: 76.00 B: 33.00 mm



111749 Starter 12 V, 1.1 kW
 Replacing: 9141413
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 245.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140018.
 A: 76.00 B: 52.00 mm



111752 Starter 12 V, 2.7 kW
 Replacing: 9142805, 9142749
 Servicing: Case, Payloader
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



111755 Starter 12 V, 3.0 kW
 Replacing: 9142700
 Servicing: John Deere
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 34.00 mm



111855 Starter 12 V, 2.2 kW
 Replacing: 9142900, 9142726, 443115142726
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 267.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Alternative no.: 116128
 A: 82.50 B: 23.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111909 Starter 12 V, 1.1 kW
 Replacing: 915111A, 443115141394, 443115141313
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504
 A: 76.25 B: 32.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 915111D
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112074 Starter 12 V, 3.1 kW
 Replacing: 9142766
 Servicing: Ford, New Holland
 B+ M8, Length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112119 Starter 24 V, 6.6 kW
 Replacing: 9125110
 Servicing: Scania
 B+ M10, B- M10, Length 406.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



112131 Starter 12 V, 1.4 kW
 Replacing: 9141410
 Servicing: VW
 B+ M8, 15a 6.30, Length 244.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112167 Starter 12 V, 1.8 kW
 Replacing: 9141319
 Servicing: VW
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112286 Starter 12 V, 1.7 kW
 Replacing: 915109E, 9141396, 9141395, 443115141395
 Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112306 Starter 12 V, 1.1 kW
 Replacing: 9141390
 Servicing: VW
 B+ M8, Length 254.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140018.
 A: 76.00 B: 52.00 mm



112388 Starter 12 V, 1.0 kW
 Replacing: 9141331, 443115141338, 443115141331
 Servicing: Skoda
 B+ M8, Length 199.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (1)
 A: 50.00 B: 21.00 mm



112429 Starter 12 V, 2.0 kW
 Replacing: 915109D
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 259.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 62.00 mm



112442 Starter 12 V, 3.0 kW
 Replacing: 9142745
 Servicing: John Deere
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 GR Starter HC-CARGO 115609.
 Alternative no.: 116130
 A: 89.00 B: 48.00 mm



112488 Starter 12 V, 2.7 kW
 Replacing: 9142780, 443115142780
 Servicing: Belarus
 B+ M10, Length 238.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 A: 100.00 B: 32.00 mm



112822 Starter 24 V, 4.5 kW
 Replacing: 9122110
 Servicing: Iveco
 B+ M10, Length 293.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Alternative no.: 115880
 A: 89.00 B: 49.00 mm



113269 Starter 12 V, 3.0 kW
 Manufacturer: Magneton
 Replacing: 9144702, 9142709, 9142702,
 446115144702, 444115144702, 443115144702,
 443115142709, 443115142702
 Servicing: Atlas Copco, Barber Greene, Benford,
 Case, Daewoo, Matbro, Perkins, Thwaites
 B+ M10, Length 234.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.80 B: 31.50 mm



113356 Starter 24 V, 3.5 kW
 Replacing: 9172780, 9172702
 Servicing: Belarus, GAZ, ZIL
 B+ M10, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 99.90 B: 32.00 mm



113677 Starter 12 V, 1.1 kW
 Replacing: 443115141319
 Servicing: VW
 B+ M8, Length 213.15, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 76.00 B: 52.50 mm



113727 Starter 12 V, 2.7 kW
 Replacing: 9162901
 Servicing: Bobcat
 B+ M10, 15a M5, Length 286.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 88.50 B: 46.50 mm



114034 Starter 12 V, 1.0 kW
 Replacing: 9999984, 915101A
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 52.50 mm



114107 Starter 12 V, 3.2 kW
 Replacing: 9162904
 Servicing: Landini, Massey Ferguson, Mc
 Cormick, Perkins
 B+ M10, Length 295.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.88 B: 29.50 mm



114254 Starter 12 V, 2.7 kW
 Replacing: 9142722, 443115144722
 Servicing: Balkancar, Chang Feng (Liebao),
 Dronningborg, Sampo-Rosenlew, Ursus,
 Valtra, Zetor
 B+ 9.70, Length 237.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 116134
 A: 89.00 B: 49.40 mm



114388 Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 9142903
 Servicing: Hattat Tarim, JCB, Perkins
 B+ M8, B- M8, 30h M10, Length 296.50,
 Gear type GR, Mount. holes 3 (0)
 Iskra version.
 Alternative no.: 116308
 A: 89.00 B: 29.50 mm



115880 Starter 24 V, 4.5 kW
 Manufacturer: Denso
 Replacing: 9122110
 Servicing: Iveco
 B+ M8, B- M8, Length 301.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 112822
 A: 89.00 B: 49.00 mm



116086 Starter 12 V, 2.7 kW
 Manufacturer: Magneton
 Replacing: 9142802
 Servicing: Case, Claas, Deutz-Fahr, Fendt, Payloader
 B+ M10, Length 234.00, Gear type GR,
 Mount. holes 3 (0)
 Magneton.
 Alternative no.: 110536, 116139 , 116312
 A: 89.00 B: 28.00 mm



116128 Starter 12 V, 3.2 kW
 Manufacturer: Iskra/Mahle
 Replacing: 9142900, 9142726, 443115142726
 Servicing: KHD, Various Agriculture Vehicles
 B+ M8, Length 287.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 23.00 mm

STARTERS



116130 Starter 12 V, 3.1 kW
 Manufacturer: Iskra/Mahle
 Replacing: 9142745
 Servicing: John Deere
 B+ M10, B- M10, Length 332.00,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 112442
 A: 89.00 B: 48.00 mm



116134 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 9142722, 443115144722
 Servicing: Balkancar, Chang Feng (Liebao),
 Dronningborg, Sampo-Rosenlew, Ursus,
 Valtra, Zetor
 B+ M10, B- M8, Length 348.00,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 114254
 A: 89.00 B: 48.00 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 9142803, 9142802
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536, 116086 ,
 116312
 A: 89.00 B: 28.00 mm



111442 Starter 12 V, 1.4 kW
 Replacing: SM402-02, SM302-48, SM302-46, SM302-40, SM302-24, SM302-16, SM302-04
 Servicing: Acura, Honda, Rover
 B+ M8, Length 211.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



111917 Starter 12 V
 Replacing: SM13237, SM132-37
 Servicing: Yamaha
 B+ M6, Length 168.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 Alternative no.: 116127
 A: 30.00 B: 41.00 mm



111921 Starter 12 V, 0.6 kW
 Replacing: SM13213
 Servicing: Honda
 B+ M6, Length 193.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
OBS Please control rotational direction. This starter is anticlockwise.
 A: 30.00 B: 36.00 mm



111922 Starter 12 V
 Replacing: SM10230, LT80-CS90
 Servicing: Suzuki
 B+ 6.30, Length 152.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 46.00 B: 17.00 mm



111926 Starter 12 V, 0.6 kW
 Replacing: SM13422
 Servicing: Honda
 B+ M6, Length 193.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)
OBS Please control rotational direction. This starter has clockrotation. Starter HC-CARGO 111921 is anticlockwise.
 A: 30.00 B: 35.50 mm



111927 Starter 12 V, 0.6 kW
 Replacing: SM13475
 Servicing: Honda
 B+ M6, Length 145.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 29.90 B: 41.00 mm



112010 Starter 12 V
 Replacing: 3240-110
 Servicing: Kawasaki, Polaris, Sea Doo
 B+ M6, Length 188.50, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 30.00 mm



112011 Starter 12 V, 0.6 kW
 Replacing: 63M818-00
 Servicing: Yamaha
 B+ M6, Length 182.20, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 30.00 B: 41.00 mm



112214 Starter 12 V, 1.6 kW
 Replacing: SM44223, SM442-23, SM422-27, SM422-16, SM422-14, SM402-05N, SM402-05, SM402-04N, SM402-04
 Servicing: Honda, Rover
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 40.00 mm



113392 Starter 12 V, 1.6 kW
 Replacing: SM442-29, SM442-01
 Servicing: Acura, Honda
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 74.90 B: 33.00 mm



113398 Starter 12 V, 1.6 kW
 Replacing: SM442-02, SM422-02
 Servicing: Acura, Honda, Isuzu
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 74.90 B: 32.50 mm



113528 Starter 12 V
 Replacing: 3084981
 Servicing: Polaris
 B+ M6, Length 159.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 30.00 B: 40.00 mm



113538 Starter 12 V, 0.6 kW
 Replacing: SM224
 Servicing: Honda
 B+ M6, Length 188.00, Gear type GR,
 Mount. holes 2 (0)
 A: 46.00 B: 47.00 mm



113540 Starter 12 V
 Replacing: SM2241
 Servicing: Yamaha
 B+ M6, Length 208.00, Gear type DD,
 Mount. holes 2 (0)
Short shaft.



113546 Starter 12 V
 Replacing: SM7255
 Servicing: Yamaha
 B+ M6, Length 176.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (2)
 A: 30.00 mm



113671 Starter 12 V
 Replacing: SM11
 Servicing: Honda, Various Industrial
 applications
 B+ M6, Length 164.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)



113821 Starter 12 V, 1.6 kW
 Replacing: SM710-05, SM710-02, SM612-09
 Servicing: Acura, Honda
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



114137 Starter 12 V, 1.2 kW
 Replacing: SM710-01
 Servicing: Honda
 B+ M8, Length 215.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 34.00 mm



114715 Starter 12 V, 0.6 kW
 Replacing: SM13449
 Servicing: Honda
 B+ M6, Length 196.00, Gear type PMDD,
 Mount. holes 2 (0)
 A: 30.00 B: 37.00 mm



115993 Starter 12 V, 1.4 kW
 Replacing: SM442-16
 Servicing: Honda
 B+ M8, Length 207.00, Gear type GR,
 Mount. holes 2 (0)
 A: 62.00 B: 30.00 mm



116127 Starter 12 V
 Manufacturer: Mitsubishi
 Replacing: SM13237, SM132-37
 Servicing: Yamaha
 B+ M6, Length 168.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Alternative no.: 111917
 A: 30.00 B: 41.00 mm


110142 Starter 12 V, 1.0 kW

Replacing: MWV4R, MWV3R, MCA02-2, MCA02-0, M2T42981, M2T20181D, M2T20181A, M2T20181, M2T10171, M002T42981

Servicing: Nissan

B+ M8, Length 216.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 11.40 mm


110144 Starter 12 V, 1.0 kW

Replacing: MQJR, MQJ2R, MQJ1R, MES07-1, MEA07-11, MEA07-1, MEA07-0, M3T20681, M3T10672, M003T20681, M003T10672

Servicing: Nissan, TCM

B+ M8, Length 194.30, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 8.00 mm


110149 Starter 12 V, 0.9 kW

Replacing: ME110JA, M3T49585, M3T39385, M3T33588, M3T33587, M3T33586A, M3T33586, M3T33582A, M3T33582, M3T33581

Servicing: Mazda, Mercury

B+ M8, Length 198.00, Drive type Steel, Gear type DD, Mount. holes 3 (2)

A: 74.00 B: 15.00 mm


110155 Starter 12 V, 1.0 kW

Replacing: MXYR, MEY3R, MEY1R, MED02-2, MED02-1, MEA13-2, MEA13-1, ME-Y1R, M3T11272, M003T11272

Servicing: Komatsu, Nissan, TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 83.00 B: 7.50 mm


110157 Starter 12 V, 1.0 kW

Replacing: MED03-4, MED03-3, MED03-2, MED03-1, MED02-0, MEA24-1, MEA03-4, MEA03-2, MEA03-1, MEA03-0, MD034212

Servicing: Dodge, Hyundai, Mitsubishi, Plymouth

B+ M8, Length 191.50, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 17.50 mm


110158 Starter 12 V, 1.2 kW

Replacing: PW501783, MD316001, MD180238, MD162836, MD161437, MD081568, MD081567, MD034121, MD034120, MD021685

Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth, Proton

B+ M8, Length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


110182 Starter 12 V, 0.9 kW

Replacing: M3T10476D, M3T10476, M3T10475, M3T10473, M0T92581, M0T84381A, M0T84381, M003T10476D, M003T10476

Servicing: Mitsubishi, Various Agriculture Vehicles, Yale

B+ M8, Length 196.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm


110256 Starter 12 V, 0.8 kW

Replacing: M3T41181, M3T38682, M3T25181, M3T21882, M3T21881, M3T21781, M3T21282, M3T21281, M003T41181

Servicing: Komatsu, Nissan, TCM

B+ M8, Length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.50 B: 7.50 mm


110277 Starter 12 V, 0.8 kW

Replacing: MED04-2, MEC04-2, MEC01-2, MEC01-1, MEC01-0, MEA95-0, M3T41681, M3T38481, M3T29482, M3T29481

Servicing: Nissan

B+ M8, Length 190.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 82.35 B: 6.80 mm


110278 Starter 12 V, 0.8 kW

Replacing: M3T42281, M3T41381, M3T27688, M3T27686N, M3T27686H, M3T27686D, M3T27686, M3T27685, M3T27681

Servicing: Nissan

B+ M8, Length 192.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 82.00 B: 3.00 mm


110279 Starter 12 V, 0.8 kW

Replacing: M3T37782, M3T37081, M3T27781D, M3T27781, M2T49282, M2T49281, M2T37081, M2T27781, M2T23181

Servicing: Nissan

B+ M8, Length 227.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 42.00 mm


110280 Starter 12 V, 1.2 kW

Replacing: M2T52082, M2T52081, M2T52071, M2T50181, M2T50171, M002T52082, M002T52081, M002T52071, M002T50181

Servicing: Nissan

B+ M8, Length 214.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.45 B: 7.20 mm


110292 Starter 12 V, 1.1 kW

Replacing: MM115517, MM115514, MM115513, MD189054, MD115514, M3T42881, M3T32681, M3T25981, M3T24917, M3T22681

Servicing: Mitsubishi

B+ M8, Length 206.80, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 77.00 B: 19.00 mm


110315 Starter 12 V, 0.9 kW

Replacing: MD162837, MD107615, MD100431, MD066761, MD027401, MD027400, MD021674, MD016921, M4T14772, M3T41285

Servicing: Dodge, Hyundai, Kia, Mitsubishi, Plymouth, Proton

B+ M8, Length 208.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)

A: 77.00 B: 18.40 mm


110386 Starter 12 V, 1.9 kW

Replacing: MG120560

Servicing: Nissan

B+ M8, Length 242.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 10.50 mm


110389 Starter 12 V, 2.0 kW

Replacing: M2T92071A, M2T92071, M002T92071A, M002T92071

Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki

B+ M8, Length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)

A: 88.00 B: 6.00 mm


110394 Starter 12 V, 0.85 kW

Replacing: M3T41781, M3T39981, M3T38981, M3T34782, M3T34781, M3T31471, M1T74583ZC, M1T74583, M1T74581ZC

Servicing: Chevrolet, GEO, Suzuki

B+ M8, Length 207.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 65.85 B: 4.35 mm


110415 Starter 12 V, 1.4 kW

Replacing: M2T58381, M002T58381

Servicing: Nissan

B+ M8, Length 221.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 82.50 B: 8.00 mm


110421 Starter 12 V, 0.8 kW

Replacing: M3T49982, M3T49981, M3T33481, M3T33181, M3T29681, M003T49982, M003T49981, M003T33481, M003T33181

Servicing: Daihatsu, Kubota, Suzuki, Toyota, Various Agriculture Vehicles

B+ M8, Length 188.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 16.00 mm


110479 Starter 12 V, 0.9 kW

Replacing: MD016920, M3T32585, M003T32585

Servicing: Hyundai, Mitsubishi

B+ M8, Length 189.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 17.00 mm


110572 Starter 12 V, 1.2 kW

Replacing: MD320618, MD318086, MD171228, M2T58681, M1T79781, M1T79681, M002T58681, M001T79781, M001T79681

Servicing: Mitsubishi, Nissan

B+ M8, Length 209.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 76.95 B: 17.30 mm


110576 Starter 24 V, 3.2 kW

Replacing: ME017089, ME017085, ME017061, ME017056, ME017036, ME017035, ME017034, M2T67884, M2T67883, M2T67882

Servicing: Mitsubishi

B+ M8, Length 250.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

A: 60.00 B: 18.00 mm


110584 Starter 12 V, 1.2 kW

Replacing: M3T40371, M003T40371

Servicing: Citroen, Fiat, Peugeot

B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)

Alternative no.: 116306

B: -6.00 mm


110585 Starter 12 V, 1.2 kW

Replacing: M3T32989, M3T32988, M3T32986, M3T32985, M003T32989, M003T32988, M003T32986, M003T32985

Servicing: Renault, Volvo

B+ M8, Length 214.15, Drive type Steel, Gear type DD, Mount. holes 4 (4)

A: 66.00 B: -2.00 mm



110807 Starter 12 V, 0.85 kW
 Replacing: M3T33081, M1T71811, M003T33081, M001T71811
 Servicing: Ford, Kia, Mazda, Opel
 B+ M8, Length 197.25, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



110808 Starter 12 V, 0.85 kW
 Replacing: M3T49781, M3T49581, M3T49481, M3T49381, M3T43581, M3T39481, M3T38885, M3T38884, M3T38883, M3T38882C
 Servicing: Ford, Kia, Mazda
 B+ M8, Length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)
 A: 74.00 B: 16.00 mm



110809 Starter 12 V, 2.0 kW
 Replacing: MD191435, MD191433, MD164975, MD162975, MD156986, MD084414, MD070934, MD069166, MD061154, MD050205
 Servicing: Dodge, Hyundai, Mitsubishi, Proton
 B+ M8, Length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 3.00 mm



110810 Starter 12 V, 1.4 kW
 Replacing: M1T77381ZC, M1T77381, M1T71881A, M1T71881, M1T71281ZC, M1T71281B, M1T71281AC, M1T71281A, M1T71281
 Servicing: Ford, Kia, Mazda
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 73.50 B: 16.00 mm



110811 Starter 12 V, 1.2 kW
 Replacing: MD174483, MD172860, MD162839, MD099667, MD072582, M1T70485A, M1T70485, M1T70483ZC, M1T70483
 Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth
 B+ M8, Length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.25 mm



110856 Starter 12 V, 0.6 kW
 Replacing: A3T02192, A003T02192
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



110865 Starter 12 V, 0.95 kW
 Replacing: M3T80571, M003T80571
 Servicing: Audi, VW
 B+ M8, Length 220.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)
 Bushing D.E. (clutch house): HC-CARGO 140500.
 A: 82.50 B: 15.00 mm



110933 Starter 12 V, 1.4 kW
 Replacing: MM409414, MM409410, M2T50391, M2T50381, M2T50371, M002T50391, M002T50381, M002T50371
 Servicing: Iseki
 B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 76.90 B: 29.25 mm



110947 Starter 12 V, 2.0 kW
 Replacing: MM409413, MM409411, M8T70471A, M8T70471, M3T61171, M2T56272, M2T56271, M008T70471A, M008T70471
 Servicing: Mitsubishi
 B+ M8, Length 243.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 77.00 B: 30.00 mm



110958 Starter 12 V, 0.9 kW
 Replacing: MD667539, MD192228, MD180239, MD162838, M3T43481, M3T42781ZC, M3T42781, M2T48081, M0A01901
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 B+ M8, Length 191.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 10.80 mm



110999 Starter 24 V
 Replacing: M7T03777, M7T03774, M007T03777, M007T03774
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo
 B+ 1/2" UNC, B- 1/2" UNC, Length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111000 Starter 24 V, 6.5 kW
 Replacing: M4T95481, M004T95481
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis
 B+ 1/2" UNC, B- 1/2" UNC, Length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 42MT. w/ rotating D.E. Bracket.
 A: 92.00 B: 46.00 mm

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111005 Starter 12 V, 0.8 kW
 Replacing: M3T30981, M003T30981
 Servicing: Sumitomo, Yale
 B+ M8, Length 190.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 74.00 B: 16.75 mm



111070 Starter 12 V, 1.7 kW
 Replacing: M2T90071, M1T90281, M1T50172,
 M1T50171, M0T80082, M002T90071,
 M001T90281, M001T50172, M001T50171
 Servicing: Citroen, Fiat, Hyundai, Lancia,
 Peugeot, Suzuki, Talbot
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 66.00 B: -6.50 mm



111088 Starter 12 V, 0.8 kW
 Replacing: M2T41085
 Servicing: Daihatsu, Piaggio
 B+ M8, Length 209.80, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 64.60 B: 30.00 mm



111108 Starter 12 V, 1.2 kW
 Replacing: M1T60381, M1T60081,
 M001T60381, M001T60081
 Servicing: Mitsubishi, Nissan
 B+ M8, Length 198.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.30 B: 8.25 mm



111241 Starter 12 V, 1.2 kW
 Replacing: MD313327, MD309471, MD172863,
 MD162842, MD136933, MD122625, MD112625,
 M313327D, M1T79081, M1T72583G
 Servicing: Dodge, Hyundai, Kia, Mitsubishi
 B+ M8, Length 207.80, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 73.00 B: 17.00 mm



111272 Starter 12 V, 2.2 kW
 Replacing: M8T75171, M8T71571, M8T70371,
 M2T74371, M2T62271, M008T75171,
 M008T71571, M008T70371, M002T74371
 Servicing: Mitsubishi
 B+ M8, Length 260.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.45 B: 22.90 mm



111273 Starter 12 V, 2.7 kW
 Replacing: M5T22171, M2T54572, M2T54571,
 M005T22171, M002T54572, M002T54571
 Servicing: Hyster, Yale
 B+ M8, Length 240.30, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 100.00 B: 31.65 mm



111275 Starter 12 V, 2.0 kW
 Replacing: M5T23172, M3T64172, M2T61371,
 M2T60271, M2T56475, M2T56472, M2T56471,
 M2T54671, M005T23172
 Servicing: Ford, Mitsubishi
 B+ M8, Length 250.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.40 B: 23.50 mm



111300 Starter 12 V, 1.4 kW
 Replacing: M8T70071, M2T58981, M2T54091,
 M2T54085, M2T54083, M008T70071,
 M002T58981, M002T54091, M002T54085
 Servicing: Bobcat, Ford, Volvo Penta
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 74.00 B: 21.00 mm



111303 Starter 12 V, 0.8 kW
 Replacing: M2T48681, M2T41171, M0T70285,
 M0T70281, M002T48681, M002T41171,
 M000T70285, M000T70281
 Servicing: Jaguar, Nissan
 B+ M8, Length 185.15, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (1)
 A: 69.95 B: 11.15 mm



111310 Starter 12 V, 0.8 kW
 Replacing: M3T44281, M3T41885, M3T41881,
 M3T33871, M3T33785, M3T33781ZC,
 M3T33781, M3T33585, M2T46081ZE
 Servicing: Chevrolet, GEO, Pontiac, Suzuki
 B+ M8, Length 190.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 75.00 B: 6.00 mm



111312 Starter 12 V, 0.8 kW
 Replacing: M3T37783, M2T49283, M1T77281,
 M0T80285A, M0T80285, M003T37783,
 M002T49283, M001T77281, M000T80285A
 Servicing: Nissan
 B+ M8, Length 221.70, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 70.00 B: 43.00 mm


111349 Starter 12 V, 1.2 kW

Replacing: M1T84382ZC, M1T84381ZC, M1T84381, M1T74287ZC, M1T74286ZC, M1T74283ZC, M1T74283, M1T74281ZC

Servicing: Jeep

B+ M8, Length 230.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (1)

A: 82.40 B: 5.50 mm


111374 Starter 12 V, 1.5 kW

Replacing: M1T96581, M001T96581

Servicing: Ford, Jaguar, Mazda, Mercury

B+ M8, Length 219.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)


111382 Starter 12 V, 1.4 kW

Replacing: M0T87181, M000T87181

Servicing: Infiniti, Nissan

B+ M8, Length 229.85, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

A: 75.00 B: 56.25 mm


111451 Starter 12 V, 1.4 kW

Replacing: M1T86481, M1T84481, M1T75681, M1T74087, M1T74081A, M1T74081, M0T20176, M0T20175, M0T20171

Servicing: Subaru

B+ M8, Length 210.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 82.50 B: 33.50 mm


111452 Starter 12 V, 0.8 kW

Replacing: M3T41185, M3T21882D, M3T21281D, M003T41185, M003T21882D, M003T21281D

Servicing: TCM

B+ M8, Length 191.00, Drive type Steel, Gear type DD/GR, Mount. holes 2 (0)

A: 82.50 B: 7.80 mm


111459 Starter 12 V, 1.2 kW

Replacing: M1T72087A, M1T72087, M1T72086A, M1T72086, M1T72085A, M1T72085, M001T72087A, M001T72087, M001T72086A

Servicing: Jaguar, Nissan

B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 70.00 B: 11.50 mm


111461 Starter 12 V, 2.2 kW

Replacing: MD164977, MD156989, MD095865, MD072654, M2T61072, M2T61071, M2T60172, M2T60171, M002T61072

Servicing: Dodge, Hyundai, Mitsubishi

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 3.50 mm


111475 Starter 12 V, 0.8 kW

Replacing: M3T33183, M3T33182, M2T49189, M2T49181, M2T42381, M2T41586, M2T41581, M2T33183, M2T33182, M2T30586

Servicing: Suzuki

B+ M8, Length 185.50, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 66.00 B: 18.00 mm


111476 Starter 12 V, 2.0 kW

Replacing: MD164976, MD140190, M2T74171, M2T57773, M2T57771, M002T74171, M002T57773, M002T57771

Servicing: Hyundai, Kia, Mitsubishi

B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)

A: 77.00 B: 10.00 mm


111485 Starter 12 V, 1.2 kW

Replacing: M1T60286, M1T60285A, M1T60285, M1T60281, M001T60285A, M001T60285, M001T60281

Servicing: Ford, Nissan

B+ M8, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 83.00 B: 8.00 mm


111508 Starter 12 V, 1.2 kW

Replacing: MD308088

Servicing: Mitsubishi

B+ M8, Length 207.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 71.00 B: 3.50 mm


111552 Starter 12 V, 1.0 kW

Replacing: M3T43181, M1T77181, M0T83981, M0T81681, M0T30475, M0T30471, M003T43181, M001T77181, M000T83981

Servicing: Subaru

B+ M8, Length 204.25, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 65.00 B: 49.00 mm



111565 Starter 12 V, 2.2 kW
 Replacing: MD191437, MD177596, MD164978, MD156987, MD121581, M2T63171, M2T62771, M2T61171, M2T60185
 Servicing: Hyundai, Kia, Mitsubishi
 B+ M8, Length 239.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 77.30 B: 9.00 mm



111608 Starter 12 V, 1.4 kW
 Replacing: M1T78881, M1T72981A, M1T72981, M001T78881, M001T72981A, M001T72981
 Servicing: Infiniti, Nissan
 B+ M8, Length 216.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.25 B: 43.00 mm



111703 Starter 12 V, 2.0 kW
 Replacing: M2T63371, M002T63371
 Servicing: Ford, Perkins
 B+ M8, Length 242.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 73.80 B: 19.50 mm



111728 Starter 12 V, 1.4 kW
 Replacing: M3T27881, M2T25481, M2T23685, M003T27881, M002T25481, M002T23685
 Servicing: Nissan
 B+ M8, Length 228.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 B: 15.00 mm



111730 Starter 12 V, 1.0 kW
 Replacing: MOT80381, M000T80381
 Servicing: Mazda, Peugeot
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 73.90 B: 13.00 mm



111849 Starter 12 V, 0.8 kW
 Replacing: M2T47383, M2T47382, M2T47381, M002T47383, M002T47382, M002T47381
 Servicing: Chevrolet, Daewoo, Suzuki
 B+ M8, Length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 75.00 B: 6.50 mm



111912 Starter 12 V, 2.2 kW
 Replacing: MD348221, MD344182, MD312858, MD312857, M2T88271, M2T87971, M2T87072ZT, M2T87072, M2T87071ZT
 Servicing: Hyundai, Mitsubishi, Proton
 B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 76.90 B: 2.50 mm



111913 Starter 24 V, 3.2 kW
 Replacing: M5T27671, M3T54072, M3T54071, M2T65275, M2T65272, M2T65271, M005T27671, M003T54072, M003T54071
 Servicing: Mitsubishi
 B+ M8, Length 250.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0), Oil sealed
 A: 82.50 B: 22.75 mm



111970 Starter 12 V, 1.0 kW
 Replacing: MOT80081, M000T80081
 Servicing: Mazda, Mercedes-Benz
 B+ M8, Length 196.70, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (2)
 A: 74.00 B: 15.50 mm



111971 Starter 12 V, 1.2 kW
 Replacing: MR994325, MD360368, MD356104, MD332022, MD301351, M332022D, MOT81284, MOT81283, MOT81281, MOT80581
 Servicing: Mitsubishi
 B+ M8, Length 195.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 75.00 B: 10.00 mm



111994 Starter 12 V, 0.7 kW
 Replacing: M2T13081, MOT45071ZT, MOT45071, M002T13081, M000T45071ZT
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 178.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)
 B: -5.00 mm



112053 Starter 12 V, 2.2 kW
 Replacing: M2T84771, M2T80582, M002T84771, M002T80582
 Servicing: Citroen, Peugeot
 B+ M8, Length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 74.00 B: -6.00 mm



112103 Starter 12 V, 2.2 kW
 Replacing: M2T87671, M002T87671
 Servicing: Opel, Renault, Vauxhall
 B+ M8, Length 272.55, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 72.00 B: 0.50 mm



112177 Starter 12 V, 1.7 kW
 Replacing: M2T58971, M1T66081,
 M002T58971, M001T66081
 Servicing: Ford, New Holland
 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 74.00 B: 20.00 mm



112178 Starter 12 V, 1.6 kW
 Replacing: MM317600, M2T50285, M2T50281,
 M2T50271, M002T50285, M002T50281, M002T50271
 Servicing: Komatsu, Mitsubishi, Pel Job,
 Toro, Vetus
 B+ M8, Length 228.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



112185 Starter 12 V, 1.2 kW
 Replacing: M2T53681, M002T53681
 Servicing: LDV, Mitsubishi, Pel Job, Vetus
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 76.90 B: 18.00 mm



112215 Starter 12 V, 0.95 kW
 Replacing: M3T48181, M003T48181
 Servicing: Mazda
 B+ M8, Length 202.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



112267 Starter 12 V, 2.5 kW
 Replacing: M3T90072, M3T90071,
 M003T90072, M003T90071
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



112276 Starter 12 V, 2.5 kW
 Replacing: M8T50072, M8T50071A, M8T50071,
 M008T50072, M008T50071A, M008T50071
 Servicing: Ford
 B+ M10, Length 288.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.90 B: 34.00 mm



112295 Starter 12 V, 1.7 kW
 Replacing: MD329260
 Servicing: Mitsubishi, Renault, Volvo
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -0.50 mm



112300 Starter 12 V, 1.4 kW
 Replacing: M1T86181, M1T79581, M1T76481,
 M0T85881, M0T85681ZC, M0T85681,
 M001T86181, M001T79581, M001T76481
 Servicing: Chevrolet, Suzuki
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 66.00 B: 4.50 mm



112301 Starter 12 V, 1.2 kW
 Replacing: M1T79482, M1T79481,
 M001T79482, M001T79481
 Servicing: Dodge, Jeep
 B+ M8, Length 207.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 60.00 B: 18.00 mm



112323 Starter 24 V, 5.0 kW
 Replacing: M3T56183, M3T56182, M3T56181,
 M3T56174, M3T56172, M003T56183,
 M003T56182, M003T56181, M003T56174
 Servicing: Caterpillar, Mitsubishi
 B+ M10, Length 292.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0), Oil sealed
 A: 82.00 B: 23.00 mm



112342 Starter 24 V, 5.5 kW
 Replacing: ME057990, ME057985, ME057845,
 ME057350, ME057200, M4T55077, M4T55076,
 M4T55072, M4T55071, M3T95082
 Servicing: Hyundai, Mitsubishi
 B+ M10, Length 368.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 100.00 B: 68.00 mm

STARTERS

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112368 Starter 12 V, 1.4 kW
 Replacing: MOT60082, MOT60081A, MOT60081, M000T60082, M000T60081A, M000T60081
 Servicing: Nissan
 B+ M8, Length 199.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 82.50 B: 7.00 mm



112370 Starter 12 V, 2.2 kW
 Replacing: ME204425B, ME204425, ME204424A, ME204424, ME202970, ME201650A, ME201650, M8T75074ZT, M8T75074
 Servicing: Mitsubishi
 B+ M8, Length 240.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (2)
 A: 77.00 B: 9.00 mm



112441 Starter 12 V, 2.3 kW
 Replacing: MK666919
 Servicing: Iveco, Mitsubishi, Multicar, Renault V.I.
 B+ M8, Length 258.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 81.00-84.00 mm.
 Alternative no.: 115505
 A: 82.00 B: 27.00 mm



112474 Starter 12 V, 1.8 kW
 Replacing: MW30620657, M1T85981, M1T85682, M1T85681, M001T85981, M001T85682, M001T85681, 1810A048
 Servicing: Mitsubishi, Nissan, Opel, Renault, Suzuki, Vauxhall, Volvo
 B+ M8, Length 238.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 4 (3)
 B: -2.00 mm



112822 Starter 24 V, 4.5 kW
 Replacing: M8T61671, M008T61671
 Servicing: Iveco
 B+ M10, Length 293.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 Alternative no.: 115880
 A: 89.00 B: 49.00 mm



112846 Starter 12 V, 1.4 kW
 Replacing: M1T78581ZC, M1T78581, M001T78581ZC, M001T78581
 Servicing: Chrysler, Dodge
 B+ M8, Length 231.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0)
 A: 81.90 B: 7.70 mm



113038 Starter 12 V, 0.7 kW
 Replacing: MD301350, M2T44781, M002T44781
 Servicing: Mitsubishi, Subaru
 B+ M8, Length 189.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (2)
 A: 77.00 B: 11.00 mm



113040 Starter 12 V, 0.9 kW
 Replacing: MD359972, MD321445, MD301348G, MD301348, M3T44182, M3T44181, M3T44091ZT, M3T44081ZT, M3T44081
 Servicing: Mitsubishi
 B+ M8, Length 190.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (2)
 A: 76.90 B: 10.00 mm



113044 Starter 12 V, 1.4 kW
 Replacing: M1T76082ZC, M1T76082, M1T76081ZC, M1T76081, M001T76082ZC, M001T76082, M001T76081ZC, M001T76081
 Servicing: Jeep
 B+ M8, Length 237.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 A: 72.00 B: 23.00 mm



113129 Starter 24 V, 4.5 kW
 Replacing: ME077407, ME077048, ME037636, ME037465, ME037330, ME037150, M6T10673, M4T50177, M4T50171, M4T50073
 Servicing: Mitsubishi
 B+ M10, Length 290.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 110.00 B: 64.50 mm



113141 Starter 12 V, 0.8 kW
 Replacing: M2T43881, M2T43781, M2T43681, M2T43481, M2T32581, M002T43881, M002T43781, M002T43681, M002T43481
 Servicing: Mitsubishi, New Holland, Onan
 B+ M8, Length 210.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 73.90 B: 29.50 mm



113194 Starter 24 V, 3.2 kW
 Replacing: ME017004, ME017001, M3T52071, M2T64272, M2T64271, M003T52071, M002T64272, M002T64271
 Servicing: Caterpillar, Mitsubishi
 B+ M8, Length 240.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 99.90 B: 22.00 mm



113195 Starter 24 V, 3.2 kW
 Replacing: ME014418, ME013008, ME012995, M8T85071, M8T80071B, M8T80071A, M8T80071, M008T80071B, M008T80071A
 Servicing: Mitsubishi
 B+ M8, Length 257.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)
 A: 59.90 B: 17.00 mm



113323 Starter 12 V, 1.7 kW
 Replacing: M8T71471ZE, M8T71471, M008T71471ZE, M008T71471
 Servicing: Nissan
 B+ M8, Length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 70.00 B: 54.00 mm



113618 Starter 12 V, 1.6 kW
 Replacing: M1T84981ZC, M1T84981, M0T91182ZC, M0T91182, M0T91181ZC, M0T91181, M001T84981ZC, M001T84981
 Servicing: Jeep
 B+ M8, Length 215.00, Drive type Steel, Gear type GR, Mount. holes 2 (1)
 A: 64.90 B: 6.00 mm



113210 Starter 24 V, 3.2 kW
 Replacing: M2T64373, M2T64372, M2T64371, M002T64373, M002T64371
 Servicing: Nissan
 B+ M8, Length 240.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (0)
 A: 105.00 B: 11.00 mm



113445 Starter 12 V, 2.2 kW
 Replacing: MD344183, MD331137, MD315548, MD315547, MD314167, M2T88071, M2T87371, M2T87171ZT, M2T87171
 Servicing: Hyundai, Mitsubishi
 B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 9.00 mm



113638 Starter 12 V, 1.4 kW
 Replacing: MD362910, MD356178, MD328235, M356178D, M1T84884, M1T84883ZC, M1T84883, M0T81181, M00356178D
 Servicing: Chrysler, Hyundai, Kia, Mitsubishi
 B+ M8, Length 194.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 77.00 B: 10.50 mm



113254 Starter 12 V, 1.4 kW
 Replacing: M0T93582, M0T93581, M0T22472, M000T93582, M000T93581, M000T22472
 Servicing: Citroen, DS, Fiat, Peugeot, Toyota
 B+ M8, Length 206.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113550 Starter 12 V
 Replacing: M9T70977, M9T70379, M009T70379
 Servicing: Mack
 B+ M12, Length 413.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Replacing: 39MT.
 A: 92.00 B: 46.00 mm



113642 Starter 12 V, 1.6 kW
 Replacing: M1T86884ZC, M1T86883ZC, M1T86782ZC, M1T86782, M001T86884ZC, M001T86883ZC, M001T86782ZC
 Servicing: Jeep
 B+ M8, Length 228.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (2)
 A: 65.00 B: 5.60 mm



113319 Starter 12 V, 2.2 kW
 Replacing: M8T75371, M8T71371ZE, M8T71371, M008T75371, M008T71371ZE, M008T71371
 Servicing: Nissan
 B+ M8, Length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 72.50 B: 55.50 mm



113551 Starter 12 V, 2.2 kW
 Replacing: M8T70971, M008T70971
 Servicing: Kubota
 B+ M8, Length 258.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 82.40 B: 27.00 mm



113644 Starter 12 V, 1.2 kW
 Replacing: M2T42881, M0T84585, M002T42881, M000T84585
 Servicing: Nissan
 B+ M8, Length 189.80, Drive type Steel, Gear type DD, Mount. holes 2 (1)
 A: 69.90 B: 10.60 mm

STARTERS

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113659 Starter 12 V, 0.9 kW
 Replacing: M2T47281, M002T47281
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



113668 Starter 12 V, 1.2 kW
 Replacing: MM115519, MM115518, M2T58881,
 M2T58581, M002T58881, M002T58581
 Servicing: Clark, Mitsubishi
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 77.00 B: 18.00 mm



113669 Starter 24 V, 5.0 kW
 Replacing: ME077796, M8T60071A,
 M8T60071, M008T60071A, M008T60071
 Servicing: Caterpillar
 B+ M8, Length 287.80, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 109.70 B: 66.00 mm



113672 Starter 24 V, 5.5 kW
 Replacing: M9T61571, M9T60473, M9T60471,
 M009T61571, M009T60473, M009T60471
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 350.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
w/ safety switch.
 Alternative no.: 115881
 A: 91.90 B: 47.00 mm



113673 Starter 24 V, 5.5 kW
 Replacing: M9T60372, M9T60371,
 M009T60372, M009T60371
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 350.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115882
 A: 88.80 B: 40.00 mm



113676 Starter 24 V, 5.5 kW
 Replacing: M9T60672, M9T60671,
 M009T60672, M009T60671
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 350.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
w/ safety switch.
 Alternative no.: 115883
 A: 89.00 B: 40.00 mm



113702 Starter 12 V, 2.2 kW
 Replacing: M2T87271ZT, M2T87271,
 M002T87271ZT, M002T87271
 Servicing: Ford, Mazda
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.50 B: 17.50 mm



113746 Starter 24 V, 5.5 kW
 Replacing: ME152487, M9T60171, M009T60171
 Servicing: Mitsubishi
 B+ M10, Length 318.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 100.00 B: 68.00 mm



113795 Starter 12 V, 1.0 kW
 Replacing: MOT90981, MOT90981,
 M000T90981
 Servicing: MAN, Mazda
 B+ M8, Length 208.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 82.30 B: 22.00 mm



113819 Starter 12 V, 1.4 kW
 Replacing: MOT87681, MOT87601,
 M000T87681, M000T87601
 Servicing: Mazda
 Gear type GR



113820 Starter 12 V, 1.2 kW
 Replacing: MOT91981ZC, MOT91981,
 M000T91981ZC
 Servicing: Jeep
 B+ M8, Length 207.00, Gear type GR,
 Mount. holes 2 (2)
 A: 65.00 B: 6.00 mm



113821 Starter 12 V, 1.6 kW
 Replacing: MOT20371ZC, MOT20371
 Servicing: Acura, Honda
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm


113830 Starter 24 V, 5.5 kW

 Replacing: M9T61171ZA, M9T61171, M009T61171
 Servicing: Volvo

 B+ M10, B- M10, Length 360.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
Over Crank Protection.

Alternative no.: 115884

A: 92.00 B: 48.00 mm


113851 Starter 24 V, 7.5 kW

 Replacing: M9T84771, M9T83672,
 M9T83671, M9T80473, M9T80472, M9T80471,
 M009T84771, M009T83672, M009T83671

 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (0)
Replacing: 39MT.

Alternative no.: 115885

A: 92.00 B: 47.70 mm


113897 Starter 12 V, 1.4 kW

 Replacing: MOT87881, MOT88681, MOT87881,
 MOT21471, M00T87881, M000T88681,
 M000T87881, M000T21471

 Servicing: Dacia, Nissan, Renault, Suzuki
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)

A: 62.90 B: -0.07 mm


113906 Starter 12 V, 1.2 kW

Replacing: MOT89182ZC, M000T89182ZC

 Servicing: Ford, Volvo
 B+ M8, Length 214.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)

B: 29.00 mm


113927 Starter 12 V, 1.4 kW

 Replacing: MOT91581, MOT86181, MOT81291,
 M000T91581, M000T86181, M000T81291

Servicing: Dacia, Nissan, Renault

 B+ M8, Length 198.00, Gear type GR,
 Mount. holes 3 (2)

A: 65.00 B: -1.30 mm


113930 Starter 12 V, 1.4 kW

Replacing: M1T85781, M001T85781

Servicing: Dacia, Renault

 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (3)

A: 65.00 B: -2.00 mm


113931 Starter 12 V, 1.7 kW

 Replacing: M1T30073, M1T30072, M1T30071,
 M001T30072, M001T30071

 Servicing: Alfa Romeo, Cadillac, Chevrolet,
 Fiat, Lancia, Opel, Saab, Vauxhall

 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 3 (0)

A: 82.00 B: 9.00 mm


113932 Starter 12 V, 0.85 kW

 Replacing: MOT46371ZT, MOT46371,
 M000T46371ZT

Servicing: Dacia, Nissan, Renault

 B+ M8x1.25, Length 168.00,
 Gear type DD, Mount. holes 3 (3)

B: -3.00 mm


113933 Starter 12 V, 1.5 kW

Replacing: MOT22473, MOT22471, M000T22471

 Servicing: Citroen, DS, Mini, Peugeot, Toyota
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Mount. holes 4 (2)

A: 62.00 B: 14.00 mm


113960 Starter 12 V, 0.9 kW

 Replacing: MOT32272ZE, MOT32272,
 MOT32271ZE, MOT32271, M000T32272ZE,
 M000T32271ZE, M000T32271

Servicing: Citroen, DS, Mini, Peugeot

 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 4 (2)

A. Measure = 60.00-64.00 mm.

A: 64.00 B: 13.00 mm


113964 Starter 12 V, 2.2 kW

 Replacing: M2TS0575, M2TS0571, M2T50571,
 M002TS0575, M002TS0571

Servicing: Nissan

 B+ M8, Length 267.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)

A: 70.00 B: 31.00 mm


113977 Starter 12 V, 2.2 kW

 Replacing: M2T88971ZC, M2T88971,
 M002T88971

Servicing: Chrysler, Dodge

 B+ M8, Length 251.00, Gear type GR,
 Mount. holes 3 (3)

A: 82.00 B: 9.00 mm



113984 Starter 24 V, 5.0 kW
 Replacing: M9T61671, M009T61671
 Servicing: Iveco
 B+ M10, Length 320.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.80 mm



113995 Starter 12 V, 1.7 kW
 Replacing: M1T68281, M001T68281, 31B66-00101, 31B66-00100
 Servicing: Caterpillar
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (0)
 A: 77.00 B: 29.50 mm



114003 Starter 12 V, 5.0 kW
 Replacing: M9T72271, M9T70173, M9T70172, M009T72271, M009T70173, M009T70172
 Servicing: Mercedes-Benz
 B+ M12, Length 345.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



114057 Starter 12 V, 1.1 kW
 Replacing: MOT45371ZT, MOT45371, M000T45371ZT
 Servicing: Renault
 B+ M8, Length 177.00, Gear type DD,
 Mount. holes 3 (3)
 A: 62.00 B: 1.00 mm



114058 Starter 12 V, 1.7 kW
 Replacing: M1T30173, M1T30172, M1T30171, M001T30173, M001T30172, M001T30171
 Servicing: Opel, Saab, Vauxhall
 B+ M8x1.25, Length 220.00,
 Gear type GR, Mount. holes 3 (0)
 A: 82.00 B: 4.00 mm



114059 Starter 12 V, 2.3 kW
 Replacing: M2T88671, M002T88671
 Servicing: Mazda
 B+ M8, Length 226.00, Gear type GR,
 Mount. holes 3 (3)
 A: 88.00 B: 5.00 mm



114060 Starter 12 V, 1.0 kW
 Replacing: M2T46781ZE, MOT36071ZE, MOT36071, M002T46781ZE, M000T36071ZE, M000T36071
 Servicing: Suzuki
 B+ M8, Length 183.00, Gear type DD/GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.00 mm



114061 Starter 12 V, 2.0 kW
 Replacing: M2T85271, M002T85271
 Servicing: Suzuki
 B+ M8, Length 227.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 66.00 B: 3.00 mm



114074 Starter 12 V, 2.2 kW
 Replacing: M1T80681, M001T80681
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 215.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.50 B: 13.50 mm



114086 Starter 24 V, 5.5 kW
 Replacing: M9T66171, M9T65271, M9T64371, M009T66171, M009T65271, M009T64371
 Servicing: Mercedes-Benz
 B+ M10, Length 329.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115896
 A: 89.00 B: 48.00 mm



114100 Starter 24 V, 7.5 kW
 Replacing: M9T80272, M9T80071, M009T80071
 Servicing: Renault V.I.
 B+ M12, Length 380.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115893
 A: 92.00 B: 47.00 mm



114108 Starter 12 V, 0.9 kW
 Replacing: MR994922, MOT45275ZT, MOT45275, MOT45271ZT, MOT45271, M000T45275ZT, M000T45275, M000T45271ZT
 Servicing: Mitsubishi, Smart (MCC)
 B+ M8, Length 205.00, Gear type DD,
 Mount. holes 2 (0)
 A: 75.00 B: 44.00 mm



114144 Starter 12 V, 2.0 kW
 Replacing: M2T88571, M002T88571
 Servicing: Chrysler
 B+ M8, Length 227.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 25.95 mm



114167 Starter 12 V, 3.0 kW
 Replacing: M8T50473, M8T50471,
 M008T50471
 Servicing: TCM
 B+ M8, Length 287.30, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 27.00 mm



114169 Starter 24 V, 5.0 kW
 Replacing: M8T60374, M8T60373, M8T60372,
 M8T60371, M008T60373, M008T60372,
 M008T60371, 32B66-00202
 Servicing: Caterpillar, Mitsubishi
 B+ M8, Length 287.50, Gear type GR,
 Mount. holes 2 (0)
 w/ safety switch.
 A: 82.50 B: 22.60 mm



114180 Starter 12 V, 0.8 kW
 Replacing: M0T45171ZT, M0T45171,
 M000T45171ZT, M000T45171
 Servicing: Dacia, Renault
 B+ M8, Length 176.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.00 B: -1.00 mm



114183 Starter 12 V, 1.8 kW
 Replacing: MN960265, M1T30271,
 M001T30271, 1810A002
 Servicing: Mitsubishi, Smart (MCC)
 B+ M8, Length 247.00, Gear type GR,
 Mount. holes 2 (0)
 A: 70.00 B: 34.50 mm



114185 Starter 24 V, 3.2 kW
 Replacing: M8T80373, M8T80371,
 M008T80373, M008T80371
 Servicing: Isuzu, Kobelco
 B+ M8, Length 259.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114193 Starter 24 V, 5.5 kW
 Replacing: M9T64973AM, M9T64973,
 M9T61471AM, M9T61471, M009T64973AM,
 M009T64973, M009T61471
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115877
 A: 89.00 B: 48.00 mm



114217 Starter 12 V, 2.0 kW
 Replacing: M1T93571, M1T93371ZC,
 M1T93371, M1T93171ZC, M1T93171,
 M1T93071, M001T93571, M001T93371ZC
 Servicing: Dodge, Jeep, Mitsubishi
 B+ M8, Length 232.00, Gear type GR,
 Mount. holes 3 (0)
 B: 42.00 mm



114225 Starter 12 V, 1.6 kW
 Replacing: M1T85881ZC, M1T85881,
 M001T85881ZC, M001T85881
 Servicing: Case IH, Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Gear type GR,
 Mount. holes 2 (0)
 A: 66.00 B: 4.25 mm



114232 Starter 12 V, 2.0 kW
 Replacing: M8T76072ZE, M8T76072,
 M8T76071ZE, M8T76071, M008T76072ZE,
 M008T76072, M008T76071ZE, M008T76071
 Servicing: Nissan
 B+ M8, Length 233.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 31.00 mm

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114234* Starter 12 V
 Replacing: M1TA0171ZZ9, M1TA0171AM,
 M1TA0171, M001TA0171
 Servicing: Alfa Romeo, Fiat



114237 Starter 12 V, 2.2 kW
 Replacing: M2T88572ZC, M2T88572,
 M002T88572ZC, M002T88572
 Servicing: Chrysler, Jeep
 B+ M8, Length 227.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm



114279 Starter 12 V, 2.2 kW
 Replacing: M2T88372ZC, M2T88372, M002T88372ZC, M002T88372
 Servicing: Jeep
 B+ M8, Length 227.50, Gear type GR, Mount. holes 3 (0)
 A: 82.50 B: 19.00 mm



114280 Starter 24 V, 3.2 kW
 Replacing: ME108364, ME108080, M8T80472A, M8T80472, M8T80471A, M8T80471, M008T80472A, M008T80472, M008T80471A
 Servicing: Caterpillar
 B+ M8, Length 241.00, Gear type GR, Mount. holes 2 (0)
 A: 77.00 B: 10.40 mm



114283 Starter 12 V, 2.0 kW
 Replacing: M2T88473, M2T88472, M2T88471, M002T88473, M002T88472, M002T88471
 Servicing: Chrysler
 B+ M8, Length 227.00, Gear type GR, Mount. holes 3 (2)
 A: 82.50 B: 0.00 mm



114310 Starter 24 V, 7.0 kW
 Replacing: M9T82672, M9T82671, M009T82672, M009T82671
 Servicing: Volvo
 B+ M12, B- M12, Length 380.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115888
 A: 92.00 B: 47.00 mm



114323 Starter 24 V, 5.0 kW
 Replacing: M8T62471AM, M8T62471, M008T62471
 Servicing: Dennis, Renault V.I., Volvo
 B+ M10, Length 295.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115889
 A: 89.00 B: 26.50 mm



114330 Starter 24 V, 8.3 kW
 Replacing: M9T82479, M009T82479
 Servicing: Cummins
 B+ M12, B- M12, Length 418.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114343 Starter 24 V, 6.0 kW
 Replacing: M4T95082, M4T95076, M4T95072, M4T95071, M004T95082, M004T95076, M004T95072, M004T95071
 Servicing: Mitsubishi
 B+ M10, Length 324.60
 A: 100.00 B: 77.00 mm



114394 Starter 12 V, 2.2 kW
 Replacing: M3T67771, M003T67771
 Servicing: Yale
 B+ M8, Length 275.00, Gear type GR, Mount. holes 3 (0)
 A: 100.00 B: 30.00 mm



114443 Starter 12 V, 0.9 kW
 Replacing: MOT32572ZE, MOT32571ZE, MOT32571, M000T32572ZE, M000T32571ZE
 Servicing: Hyundai, Kia
 B+ M8, Length 174.50, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 21.00 mm



114444 Starter 12 V, 1.6 kW
 Replacing: MO01T68381, M1T68381, M001T68381, 30L66-10500
 Servicing: Case
 B+ M8, Length 228.00, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



114445 Starter 24 V, 5.0 kW
 Replacing: M8T60873, M8T60872, M8T60871, M008T60873, M008T60872, M008T60871, 32B66-12100, 32B66-02102
 Servicing: Caterpillar
 B+ M8, Length 288.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 22.50 mm



114460 Starter 12 V, 1.4 kW
 Replacing: M1T80481, M1T80381, M1T80082, M1T80081, MOT86081, MOT20873, MOT20872ZE, MOT20872, MOT20871ZE
 Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot
 B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (3)
 B: -4.00 mm



114474 Starter 24 V, 5.0 kW
 Replacing: M8T60973, M8T60972, M8T60971, M008T60972
 Servicing: Isuzu
 B+ M10, Length 287.00, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 44.00 mm



114479 Starter 12 V, 1.2 kW
 Replacing: MOT65581, MOT65381, M000T65381
 Servicing: Nissan
 B+ M8, Length 186.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 83.50 B: 19.00 mm



114485 Starter 12 V, 1.1 kW
 Replacing: MOT90882, MOT90881, M000T90881
 Servicing: Bobcat, Kubota
 B+ M8, Length 211.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.00 mm



114487 Starter 12 V, 1.0 kW
 Replacing: MOT46171ZT, MOT46171, M000T46171ZT, M000T46171
 Servicing: Smart (MCC)
 B+ M8, Length 217.70, Gear type DD, Mount. holes 2 (0)
 A: 65.00 B: 52.00 mm



114488 Starter 12 V, 1.2 kW
 Manufacturer: Mitsubishi
 Replacing: MN137825, MN128202, MOT32471, MOT31771, MOT31171, MOT31071, M000T32471, M000T31771, M000T31171
 Servicing: Mitsubishi
 B+ M8, Length 184.50, Gear type GR, Mount. holes 2 (1)
 A: 71.00 B: 9.50 mm



114686 Starter 12 V, 1.3 kW
 Replacing: MOT88081
 Servicing: Grasshopper
 B+ M8, Length 201.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 66.00 B: 18.50 mm



114696 Starter 12 V, 1.2 kW
 Manufacturer: Mitsubishi
 Replacing: MOT60481, 30L66-10600
 Servicing: Case, New Holland
 B+ M8, Length 207.00, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



114729 Starter 24 V, 7.0 kW
 Replacing: M9T82179
 Servicing: Various, Various Industrial applications
 B+ M12, B- M12, Length 404.00, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



114733 Starter 24 V, 5.5 kW
 Replacing: M9T62671
 Servicing: Renault V.I., Volvo
 B+ M10, Length 318.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115894
 A: 89.00 B: 27.00 mm



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114734 Starter 24 V, 7.0 kW
 Replacing: M9T83879
 Mount. holes 3 (0)



114761 Starter 12 V, 1.0 kW
 Replacing: MOT33071ZM, MOT33071
 Servicing: Nissan, Suzuki
 B+ M8, Length 176.00, Gear type GR, Mount. holes 2 (1)
 A: 70.00 B: 29.00 mm



114818 Starter 12 V, 3.6 kW
 Replacing: M8T55779, M8T55579, M8T55578, M008T55579, M008T55578
 Servicing: Volvo Penta
 B+ M10, B- M8, Length 314.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



114819 Starter 24 V, 5.5 kW
 Replacing: M9T65479
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 356.00,
 Gear type GR, Mount. holes 3 (0)
 A: 88.90 B: 47.50 mm



114838 Starter 12 V, 4.5 kW
 Replacing: M9T50471, M009T50471
 Servicing: Fendt
 B+ M10, Length 328.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.80 B: 27.50 mm



114854 Starter 12 V, 2.5 kW
 Replacing: 1810A111
 Servicing: Citroen, DS, Fiat, Lancia,
 Mitsubishi, Peugeot, VW
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 5 (5)
 B: -5.00 mm



114855 Starter 12 V, 1.2 kW
 Replacing: M0T65081, M000T65081
 Servicing: Honda
 B+ M8, Length 201.50, Gear type GR,
 Mount. holes 2 (0)
 A: 55.00 B: 34.00 mm



114856 Starter 12 V, 1.1 kW
 Replacing: MM43309901, MM40374001,
 M3T42681, M3T25681
 Servicing: Mitsubishi
 B+ M8, Length 189.00, Gear type DD,
 Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



114871 Starter 12 V, 1.1 kW
 Replacing: M0T36971ZE, M0T36971,
 M000T36971ZE, M000T36971
 Servicing: Opel, Suzuki, Vauxhall
 B+ M8, Length 182.50, Gear type GR,
 Mount. holes 2 (1)
 A: 70.00 B: 28.00 mm



114872 Starter 24 V, 5.5 kW
 Replacing: M9T66371, M9T64171ZT,
 M9T64171, M9T62173, M9T62172,
 M009T66371, M009T64171ZT, M009T64171
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 344.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115875
 A: 92.00 B: 46.00 mm



114873 Starter 24 V, 5.5 kW
 Replacing: M9T62871, M009T62871
 Servicing: Volvo BM
 B+ M10, Length 321.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



114885 Starter 12 V, 0.9 kW
 Replacing: M3T33281, M003T33281
 Servicing: Kia
 B+ M8, Length 184.00, Gear type DD,
 Mount. holes 3 (2)
 A: 74.00 B: 12.50 mm



114893* Starter 24 V, 4.2 kW
 Replacing: ME080740, M8T87171M, M8T87171
 Servicing: Kobelco, New Holland
 B+ M8, Length 274.00, Gear type GR,
 Mount. holes 2 (0)
 A: 100.00 B: 21.00 mm



115327 Starter 12 V, 2.0 kW
 Replacing: M2T85672, M2T85671
 Servicing: Honda
 B+ M8, Length 241.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



115330 Starter 12 V, 2.2 kW
 Replacing: ME193880, ME193061, M8T76171,
 M8T75971, M008T75971
 Servicing: Mitsubishi
 B+ M8, Length 241.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 10.00 mm



115349 Starter 12 V, 1.2 kW
 Replacing: MOT86581, M000T86581
 Servicing: Suzuki
 B+ M8, Length 174.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.00 mm



115359 Starter 12 V, 1.2 kW
 Replacing: MN153444, MOT20672, MOT20671,
 M000T20672, M000T20671, 1810A001
 Servicing: Mitsubishi, VW
 B+ M8, Length 189.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 10.00 mm



115360 Starter 12 V, 1.4 kW
 Replacing: MOT35471, M000T35471
 Servicing: Alfa Romeo, Fiat
 B+ M8, Length 191.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 31.00 mm



115361 Starter 12 V, 1.0 kW
 Replacing: MOT32178ZE, MOT32177,
 MOT32173ZE, MOT32173, MOT32172ZE,
 MOT32172, MOT32171, M000T32178ZE
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 182.00, Gear type GR,
 Mount. holes 4 (4)
 A: 70.00 B: 18.50 mm



115377 Starter 12 V, 1.0 kW
 Replacing: MOT65585, M000T65585
 Servicing: Nissan
 B+ M8, Length 185.50, Gear type GR,
 Mount. holes 2 (0)
 A: 83.50 B: 19.00 mm



115378 Starter 12 V, 2.5 kW
 Replacing: M8T71671
 Servicing: Kubota
 B+ M8, Length 259.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



115426 Starter 12 V, 1.0 kW
 Replacing: MOTD0971, MOT37871ZE,
 MOT37871, M000T37871ZE, M000T37871,
 M000T33671ZT
 Servicing: Nissan
 B+ M8, Length 170.00, Gear type DD,
 Mount. holes 2 (2)
 B: 21.00 mm



115439 Starter 24 V, 7.0 kW
 Replacing: M9T83771
 Servicing: Scania
 B+ M10, Length 349.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115876
 A: 92.00 B: 47.50 mm



115440 Starter 24 V, 7.0 kW
 Replacing: M9T83071, M9T82771, M009T83071
 Servicing: MAN
 B+ M10, Length 350.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115442 Starter 12 V, 0.8 kW
 Replacing: M2T48381, M2T13581, M2T13281,
 M002T48381, M002T13581, M002T13281
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 170.50, Gear type DD,
 Mount. holes 3 (3)
 A: 66.00 B: -1.00 mm



115448 Starter 12 V, 1.4 kW
 Replacing: M1810A011D, MOT38771,
 MOT21571, M00T38771, M000T38771,
 1810A205, 1810A011
 Servicing: Citroen, Mitsubishi
 B+ M8, Length 198.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.50 mm



115451 Starter 24 V, 5.5 kW
 Replacing: M9T68871, M9T67671,
 M9T66471ZT, M9T66471, M9T64071,
 M009T68871, M009T67671, M009T66471ZT
 Servicing: Volvo
 B+ M10, B- M10, Length 355.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



115466 Starter 12 V, 2.0 kW
 Replacing: M2T85371
 Servicing: Nissan
 B+ M8, Length 228.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 10.00 mm



115517 Starter 24 V, 7.0 kW
 Replacing: M9T80072, M009T80072
 Servicing: Renault V.I.
 B+ M12, B- M12, Length 390.00,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115525 Starter 12 V, 1.2 kW
 Replacing: MOT60381
 Servicing: Honda
 B+ M8, Length 208.00, Gear type GR,
 Mount. holes 2 (0)
 A: 55.00 B: 34.00 mm



115538 Starter 12 V, 1.4 kW
 Manufacturer: Mitsubishi
 Replacing: MOT21671, M000T21671
 Servicing: Suzuki
 B+ M8, Length 189.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 5.00 mm



115553 Starter 12 V, 1.0 kW
 Replacing: MOT91381, M000T91381
 Servicing: Mazda
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 3 (3)
 Can also be delivered w/ 2 mounting holes
 2(2).
 A: 74.00 B: 15.00 mm



115556 Starter 24 V, 5.5 kW
 Replacing: M9T62071, M9T61971,
 M009T61971
 Servicing: MAN
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115886



115573 Starter 12 V, 2.2 kW
 Replacing: M2T88371
 Servicing: Jeep
 B+ M8, Length 226.00, Gear type GR,
 Mount. holes 3 (0)
 A: 82.50 B: 19.00 mm



115593 Starter 24 V, 5.5 kW
 Replacing: M9T64972, M9T64971, M9T61474,
 M9T61473, M009T64972, M009T64971,
 M009T61474, M009T61473
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 355.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115887
 A: 89.00 B: 47.00 mm



115597 Starter 12 V, 1.4 kW
 Replacing: MOT35672, MOT35671,
 M000T35671
 Servicing: Chevrolet, Opel, Saab, Vauxhall
 B+ M8, Length 198.15, Gear type GR,
 Mount. holes 3 (0)
 A: 68.50 B: 30.00 mm



115599 Starter 12 V, 1.4 kW
 Replacing: MOT36371, M000T36371
 Servicing: Mazda
 B+ M8, Length 210.20, Gear type GR,
 Mount. holes 2 (0)
 B: 22.00 mm



115627 Starter 12 V, 2.0 kW
 Replacing: M2T85871, M002T85871
 Servicing: Honda
 B+ M8, Length 248.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 33.00 mm



115639 Starter 12 V, 1.0 kW
 Replacing: MOT32771, M000T32771
 Servicing: Changan Ford Mazda, Mazda
 B+ M8, Length 172.50, Gear type GR,
 Mount. holes 3 (3)
 A: 74.00 B: 15.50 mm



115727 Starter 12 V, 2.2 kW
 Replacing: M2TS0671ZE, M2TS0671, M002TS0671ZE, M002TS0671
 Servicing: Nissan
 B+ M8, Length 236.00, Gear type GR, Mount. holes 2 (2)
 A: 70.00 B: 31.00 mm



115728 Starter 12 V, 1.2 kW
 Replacing: MOT93381, M000T93381
 Servicing: Renault
 B+ M8, Length 195.00, Gear type GR, Mount. holes 3 (3)
 A: 63.00 B: 0.00 mm



115731 Starter 24 V, 5.0 kW
 Replacing: M8T62771, M008T62771
 Servicing: MAN
 B+ M10, Length 299.50, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115891
 A: 89.00 B: 27.00 mm



115756 Starter 24 V, 7.0 kW
 Replacing: M9T80271, M009T80271
 Servicing: Renault V.I.
 B+ M12, B- M12, Length 389.00, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



115774 Starter 12 V, 1.1 kW
 Manufacturer: Valeo
 Replacing: MOT31675, MOT31671, M000T31675, M000T31671, 1810A008
 Servicing: Mitsubishi
 B+ M8, Length 173.00, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 25.40 mm



115778 Starter 12 V, 1.4 kW
 Replacing: MOT88381, M000T88381
 Servicing: Suzuki
 B+ M8, Length 196.00, Gear type GR, Mount. holes 3 (2)
 A: 65.00 B: -1.50 mm



115802 Starter 24 V, 3.2 kW
 Replacing: M8T81571, M008T81571
 Servicing: John Deere, New Holland
 B+ M8, Length 259.00, Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.50 mm



115830 Starter 12 V, 2.0 kW
 Replacing: M2T86271, M002T86271
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 232.50, Gear type GR, Mount. holes 2 (1)
 A: 78.00 B: 18.00 mm



115840 Starter 24 V, 5.5 kW
 Replacing: M9T20172, M9T20171, M009T20171
 Servicing: Mercedes-Benz
 B+ M10, Length 326.00, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 49.00 mm



115842 Starter 12 V, 1.0 kW
 Replacing: MOT45971ZT, MOT45971, M000T45971ZT, M000T45971
 Servicing: Renault
 B+ M8, Length 177.00, Gear type GR, Mount. holes 3 (3)
 A: 62.00 B: 0.00 mm



115875 Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M9T66371, M9T64171ZT, M9T64171, M9T62173, M9T62172, M009T66371, M009T64171ZT, M009T64171
 Servicing: Renault V.I., Volvo
 B+ M10, Length 320.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114872
 A: 92.00 B: 47.00 mm



115876 Starter 24 V, 7.0 kW
 Manufacturer: Mitsubishi
 Replacing: M9T83771
 Servicing: Scania
 B+ M10, Length 348.00, Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115439
 A: 92.00 B: 47.50 mm



11,13


115877 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: M9T61471AM, M009T61471

Servicing: Renault V.I., Volvo

B+ M10, B- M10, Length 344.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 114193

A: 89.00 B: 47.50 mm



10


115880 5★ Starter 24 V, 4.5 kW

Manufacturer: Denso

Replacing: M8T61671, M008T61671

Servicing: Iveco

B+ M8, B- M8, Length 301.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 112822

A: 89.00 B: 49.00 mm



11


115881 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M9T61571, M9T60473, M9T60471,

M009T61571, M009T60473, M009T60471

Servicing: Renault V.I.

B+ M10, B- M10, Length 350.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 113672

A: 92.00 B: 47.00 mm



12


115882 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M9T60371, M009T60372, M009T60371

Servicing: Renault V.I.

B+ M10, B- M10, Length 351.00,

Drive type Steel, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 113673

A: 89.00 B: 40.00 mm



12


115883 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M9T60672, M9T60671,

M009T60672, M009T60671

Servicing: Renault V.I.

B+ M10, B- M10, Length 352.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 113676

A: 89.00 B: 40.00 mm



12


115884 5★ Starter 24 V, 5.5 kW

Manufacturer: Bosch

Replacing: M9T61171ZA, M9T61171, M009T61171

Servicing: Volvo

B+ M10, B- M10, Length 342.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 113830

A: 92.00 B: 48.00 mm



12


115885 5★ Starter 24 V, 7.5 kW

Manufacturer: Mitsubishi

Replacing: M9T84771, M9T83672,

M9T83671, M9T80473, M9T80472, M9T80471,

M009T84771, M009T80473, M009T80472

Servicing: Mercedes-Benz

B+ M12, Length 348.50, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 113851

A: 92.00 B: 47.50 mm



12


115886 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M9T61971, M009T61971

Servicing: MAN, Scania

B+ M10, Length 320.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 115556

A: 92.00 B: 47.50 mm



11


115887 5★ Starter 24 V, 5.5 kW

Manufacturer: Mitsubishi

Replacing: M9T64972, M9T64971, M9T61474,

M9T61473, M009T64972, M009T64971,

M009T61474, M009T61473

Servicing: Volvo

B+ M10, Length 320.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 115593

A: 89.00 B: 47.50 mm



12


115888 5★ Starter 24 V, 7.0 kW

Manufacturer: Mitsubishi

Replacing: M9T82672, M9T82671,

M009T82672, M009T82671

Servicing: Volvo

B+ M12, B- M12, Length 380.00,

Gear type GR, Mount. holes 3 (0)

Alternative no.: 114310

A: 92.00 B: 47.50 mm



10


115889 5★ Starter 24 V, 5.0 kW

Manufacturer: Mitsubishi

Replacing: M8T62471AM, M8T62471, M008T62471

Servicing: Dennis, Renault V.I., Volvo

B+ M10, Length 296.50, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 114323

A: 89.00 B: 27.50 mm



11


115891 5★ Starter 24 V, 5.0 kW

Manufacturer: Mitsubishi

Replacing: M8T62771, M008T62771

Servicing: MAN

B+ M10, Length 298.00, Gear type GR,

Mount. holes 3 (0)

Alternative no.: 115731

A: 89.00 B: 28.00 mm



115893 Starter 24 V, 7.2 kW
 Manufacturer: Prestolite
 Replacing: M9T80272, M9T80071, M009T80071
 Servicing: Renault V.I.
 B+ M12, B- M12, Length 380.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114100
 A: 92.00 B: 47.00 mm



115894 Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M9T62671
 Servicing: MAN, Renault V.I., Volvo
 B+ M10, Length 327.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114733
 A: 89.00 B: 27.00 mm



115896 Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: M9T66171, M9T65271, M9T64371,
 M009T66171, M009T65271, M009T64371
 Servicing: Mercedes-Benz
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114086
 A: 89.00 B: 48.00 mm



115991 Starter 12 V, 1.2 kW
 Manufacturer: Mitsubishi
 Replacing: MOT84281, M000T84281
 Servicing: Perkins, Yanmar
 B+ M8, Length 195.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



116040 Starter 24 V, 4.0 kW
 Replacing: M2T46781
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



116087 Starter 24 V, 5.5 kW
 Replacing: M9T65571, M009T65571
 Servicing: MAN
 B+ M10, Length 327.50, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



116250 Starter 12 V, 1.2 kW
 Replacing: MN176584, MOT20472,
 M000T20472
 Servicing: Mitsubishi
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 2 (2)
 A: 73.00 B: 10.50 mm



116251 Starter 12 V, 1.2 kW
 Replacing: MOT89281ZC, MOT89281,
 M000T89281ZC, M000T89281
 Servicing: Mazda
 B+ M8, Length 201.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 6.80 mm



NEW PRODUCT
www.hc-cargo.com

116253* Starter 12 V, 1.4 kW
 Replacing: MOT37971ZE, MOT37971,
 M000T37971ZE, M000T37971
 Servicing: Nissan
 B+ M8, Length 200.00, Gear type GR,
 Mount. holes 4 (4)
 A: 70.00 B: 20.00 mm



NEW PRODUCT
www.hc-cargo.com

116262* Starter 12 V, 0.8 kW
 Replacing: MOT46572ZT, MOT46571ZT,
 M000T46572ZT, M000T46572, M000T46571ZT
 Servicing: Dacia, Renault



116269 Starter 12 V, 1.2 kW
 Replacing: MOT32871, M000T32871
 Servicing: Hongqi, Mazda
 B+ M8, Length 211.00, Gear type GR,
 Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



116270 Starter 12 V, 1.2 kW
 Replacing: MOT38071ZE, MOT38071,
 M000T38071ZE, M000T38071
 Servicing: Suzuki
 B+ M8, Length 193.00, Gear type GR,
 Mount. holes 2 (1)
 A: 70.00 B: 28.00 mm



13

NEW PRODUCT
www.hc-cargo.com

116274* Starter 12 V, 1.4 kW
 Replacing: MOT38271, M000T38271
 Servicing: Mazda



10



116275 Starter 12 V, 1.0 kW
 Replacing: MOT33971, M000T33971
 Servicing: Changan Ford Mazda, Mazda
 B+ M8, Length 173.00, Gear type GR,
 Mount. holes 3 (3)
 A: 74.00 B: 15.00 mm



9

NEW PRODUCT
www.hc-cargo.com

116306 Starter 12 V, 1.2 kW
 Replacing: M3T40371, M003T40371
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
Remanufactured unit. No surcharge.
 Alternative no.: 110584
 B: -6.00 mm



12

NEW PRODUCT
www.hc-cargo.com

116374* Starter 24 V, 5.5 kW
 Replacing: M9T66771, M009T66771
 Servicing: Volvo
 B+ M10, Length 327.00, Gear type GR,
 Mount. holes 3 (0)
 A: 83.00 B: 47.50 mm

NEW PRODUCT
www.hc-cargo.com

116435* Starter 24 V, 5.5 kW
 Replacing: M9T66971, M009T66971
 Gear type GR, Mount. holes 3 (0)



111043 Starter 12 V, 0.6 kW

Replacing: 9AR2714F, 9AR2714, 9AL5009F, 9AL5009

Servicing: Evinrude, Johnson

B+ M6, Length 200.50, Drive type Steel, Gear type DD

A: 63.30 B: 43.50 mm



110412 Starter 12 V, 2.2 kW
 Replacing: 0-21000-5231, 0-21000-5230,
 0-21000-4231, 0-21000-4230, 0-21000-3730
 Servicing: Isuzu, John Deere, TCM
 B+ M8, Length 246.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 95.00 B: 20.30 mm



110555 Starter 24 V, 7.5 kW
 Manufacturer: Nikko
 Replacing: 0-23000-7022, 0-23000-3270,
 0-23000-3186, 0-23000-3185, 0-23000-3184,
 0-23000-3180, 0-23000-3153
 Servicing: Komatsu
 B+ M10-1.25, Length 413.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0), Oil sealed
 w/ safety switch.
 A: 92.00 B: 46.00 mm



110568 Starter 12 V, 2.2 kW
 Manufacturer: Nikko
 Replacing: 0-23000-0263, 0-23000-0262,
 0-23000-0261, 0-23000-0260, 0-23000-0130
 Servicing: Komatsu
 B+ M8, Length 315.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



110580 Starter 24 V, 4.5 kW
 Replacing: 0-23000-3661, 0-23000-3016,
 0-23000-3010, 0-23000-3000, 0-23000-1670,
 0-23000-1061, 0-23000-1060
 Servicing: Isuzu
 B+ M10, Length 297.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.00 mm



110590 Starter 12 V, 2.8 kW
 Replacing: 0-23000-1900, 0-23000-1860
 Servicing: Bobcat, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Waterproof
 Replacing: 22MT, 27MT, 28MT.
 A: 88.90 B: 46.00 mm



110602 Starter 12 V, 2.8 kW
 Replacing: 0-23000-2160, 0-23000-1840
 Servicing: Bobcat, Clark, Perkins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 22MT, 28MT.
 A: 89.00 B: 46.00 mm



110604 Starter 12 V, 2.8 kW
 Replacing: 0-23000-1890, 0-23000-1880
 Servicing: Allis Chalmers, Carrier Transcold,
 Perkins
 B+ M10, Length 340.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 22MT, 27MT, 28MT.
 A: 88.75 B: 46.45 mm



110656 Starter 24 V, 5.5 kW
 Replacing: 0-23000-2561, 0-23000-2560,
 0-23000-1752, 0-23000-1750, 0-23000-1550,
 0-23000-1410, 0-23000-1292
 Servicing: Komatsu
 B+ M10, Length 368.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 w/ safety switch.
 A: 104.90 B: 13.50 mm



111020 Starter 24 V, 7.5 kW
 Replacing: 0-23000-8300, 0-23000-7021,
 0-23000-7020, 0-23000-6533, 0-23000-6532,
 0-23000-6531, 0-23000-6530
 Servicing: Komatsu
 B+ M10, Length 407.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0),
 Oil sealed
 w/ safety switch.
 A: 92.00 B: 47.00 mm



111041 Starter 12 V, 2.8 kW
 Replacing: 0-23000-1870, 0-23000-1830
 Servicing: Fiat-Allis, Hyster, Perkins
 B+ M10, Length 338.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 22MT, 27MT, 28MT.
 A: 88.85 B: 46.25 mm



111212 Starter 24 V, 2.8 kW
 Replacing: 0-23000-0333, 0-23000-0332,
 0-23000-0331, 0-23000-0330, 0-23000-0063,
 0-23000-0062, 0-23000-0061
 Servicing: Komatsu
 B+ M8, Length 332.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 94.90 B: 20.00 mm



111221 Starter 12 V, 2.5 kW
 Replacing: 0-23000-2060
 Servicing: Bobcat, Clark, John Deere
 B+ M10, 15a M5, Length 340.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 Replacing: 28MT.
 A: 82.50 B: 33.00 mm



111222 Starter 12 V, 2.8 kW
 Replacing: 0-23000-2000
 Servicing: Clark
 B+ M10, 15a M5, Length 338.00,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 28MT.
 A: 88.85 B: 19.80 mm



112267 Starter 12 V, 2.5 kW
 Replacing: 0-23000-2460, 0-23000-2450,
 0-23000-2434, 0-23000-2430, 0-23000-2020,
 0-23000-1818, 0-23000-1810
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



112668 Starter 12 V, 2.5 kW
 Replacing: 0-23000-2070
 Servicing: Hough, Komatsu
 B+ M10, Length 338.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (0)
 Replacing: 28MT.
 A: 89.00 B: 46.00 mm



111254 Starter 24 V, 4.5 kW
 Replacing: 0-23000-2541, 0-23000-2540,
 0-23000-2201, 0-23000-2103, 0-23000-2102,
 0-23000-2101, 0-23000-2100
 Servicing: John Deere
 B+ M10, Length 332.25, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 94.85 B: 19.20 mm



112268 Starter 12 V, 2.8 kW
 Replacing: 0-23000-2140, 0-23000-2010,
 0-23000-1850
 Servicing: Allis Chalmers, Hyster, Massey
 Ferguson, New Holland
 B+ M10, Length 340.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0), Oil sealed
 Replacing: 28MT.
 A: 89.00 B: 46.00 mm



113435 Starter 24 V, 4.5 kW
 Replacing: 0-23000-1940
 Servicing: Hummer, Various
 B+ M10, Length 336.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Replacing: 28MT.
 A: 82.00 B: 7.50 mm



111760 Starter 24 V, 4.5 kW
 Replacing: 0-23000-2470, 0-23000-2270,
 0-23000-2040, 0-23000-2031, 0-23000-2030
 Servicing: Case, Cummins
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 7MT, 28MT.
 A: 89.00 B: 45.00 mm



112341 Starter 12 V, 2.5 kW
 Replacing: 0-23000-1588, 0-23000-1581,
 0-23000-1580, 0-23000-1571, 0-23000-1570
 Servicing: Chevrolet, GMC
 B+ M10, Length 337.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 Replacing: 7MT, 28MT.
 A: 82.50 B: 9.00 mm



113452 Starter 12 V, 2.5 kW
 Replacing: 0-23000-2260
 Servicing: Agco White
 B+ M10, 15a M5, Length 338.50,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 28MT.
 A: 88.80 B: 45.00 mm



111982 Starter 24 V, 4.0 kW
 Replacing: 0-23000-2590, 0-23000-2358,
 0-23000-2350
 Servicing: Mercedes-Benz
 B+ M10, Length 342.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 88.75 B: 45.00 mm



112649 Starter 24 V, 4.5 kW
 Replacing: 0-23000-2342, 0-23000-2341, 0-23000-
 2340, 0-23000-1073, 0-23000-1071, 0-23000-1070
 Servicing: Isuzu
 B+ M10, Length 348.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 39.50 mm



114164 Starter 24 V, 7.5 kW
 Replacing: 0-23000-3286, 0-23000-3285,
 0-23000-3280, 0-23000-2386
 Servicing: Komatsu
 B+ M12, Length 395.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 w/ safety switch.
 A: 92.00 B: 46.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



114166 Starter 24 V, 7.5 kW
 Replacing: 0-23000-6523, 0-23000-6521,
 0-23000-6520, 0-23000-3522
 Servicing: Komatsu
 B+ M10, Length 429.00, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 45.50 mm



114267 Starter 24 V, 4.5 kW
 Replacing: 0-24000-3151, 0-24000-3150
 Servicing: John Deere
 B+ M10, Length 288.00, Gear type GR,
 Mount. holes 3 (0)
 A: 105.00 B: 41.30 mm



114324 Starter 24 V, 4.5 kW
 Replacing: 0-24000-3251, 0-24000-3250,
 0-24000-3123, 0-24000-3122, 0-24000-3120
 Servicing: Hitachi, Isuzu
 B+ M10, Length 290.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 20.00 mm



114396 Starter 24 V, 7.5 kW
 Manufacturer: Nikko
 Replacing: 0-23000-3360, 0-23000-3341,
 0-23000-3340
 Servicing: Komatsu
 B+ M10, Length 407.00, Gear type DD/GR,
 Mount. holes 3 (0)
 A: 92.00 B: 45.00 mm



114474 Starter 24 V, 5.0 kW
 Replacing: 0-24000-3041, 0-24000-3040
 Servicing: Isuzu
 B+ M10, Length 287.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 44.00 mm



114483 Starter 24 V, 4.5 kW
 Replacing: 0-24000-3261, 0-24000-3260
 Servicing: JCB
 B+ M10, Length 230.10, Gear type GR,
 Mount. holes 3 (0)
 A: 105.00 B: 41.00 mm



114659 Starter 24 V, 5.0 kW
 Replacing: 0-24000-0178, 0-24000-0168,
 0-24000-0148
 Servicing: Case, Hitachi, JCB
 B+ M10, Length 306.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 90.00 B: 13.00 mm



114710 Starter 24 V, 4.0 kW
 Replacing: 0-23000-2374, 0-23000-2373,
 0-23000-2372, 0-23000-2371, 0-23000-2370
 Servicing: Cummins
 B+ M10, 15a M5, Length 340.00,
 Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 46.00 mm



115954 Starter 24 V, 3.0 kW
 Replacing: 0-24000-0040, 0-24000-0030
 Servicing: Komatsu
 B+ M10, Length 297.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



110525 Starter 12 V, 3.0 kW

Replacing: 35259380

Servicing: Claas, Mercedes-Benz

B+ M10, Length 341.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110389 Starter 12 V, 2.0 kW
 Replacing: 03101-3051, 03101-3050
 Servicing: Asia Motors, Ford, Kia, Mazda, Suzuki
 B+ M8, Length 232.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 88.00 B: 6.00 mm



111065 Starter 12 V, 2.2 kW
 Replacing: 03111-4041, 03111-4040
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 B+ M8, Length 276.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.30 B: 26.50 mm



111683 Starter 12 V, 2.0 kW
 Replacing: 03101-3031, 03101-3030
 Servicing: Chevrolet, Clark, GMC, Iseki, Isuzu, Opel, TCM
 B+ M8, Length 232.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 95.00 B: 19.50 mm



112344 Starter 12 V, 2.5 kW
 Replacing: 03111-5021, 03111-5020
 Servicing: Daewoo
 B+ M12, Length 298.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 41.50 mm



112502 Starter 24 V, 4.5 kW
 Replacing: 03112-7021
 Servicing: Daewoo
 B+ M10, Length 293.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)
 A: 105.00 B: 42.30 mm



113327 Starter 12 V, 2.2 kW
 Replacing: 03111-4140
 Servicing: Kia
 B+ M8, Length 236.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 64.00 B: 4.50 mm



113329 Starter 12 V, 2.0 kW
 Replacing: 03101-3220, 03101-3210, 03101-3190, 03101-3170
 Servicing: Hyundai, Kia
 B+ M8, Length 223.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 82.40 B: 25.00 mm



114732 Starter 12 V, 2.2 kW
 Replacing: 03111-4241, 03111-4240
 Servicing: Hyundai, Kia
 B+ M8, Length 237.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 64.00 B: 13.00 mm



114762 Starter 12 V, 2.2 kW
 Replacing: 03111-4200
 Servicing: Kia
 B+ M8, Length 283.00, Gear type GR, Mount. holes 3 (0)
 A: 88.00 B: 44.50 mm



115968 Starter 12 V, 2.0 kW
 Replacing: 03101-3180
 Servicing: Cummins, Various Agriculture Vehicles, Vermeer
 B+ M8, Length 220.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



110240 Starter 12 V, 0.6 kW
 Replacing: POA4002, POA4001, MGD4115, MGD4110, MGD4106
 Servicing: Johnson
 B+ M8, Length 209.00, Drive type Steel, Gear type DD, Mount. holes 1 (0)
 A: 63.40 B: 44.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: 858320
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110636 Starter 12 V, 0.6 kW
 Replacing: MKW4005, MGL4014, MGL4013, MGL4002
 Servicing: Chrysler
 B+ 1/4" UNC, Length 262.00, Drive type Bronze, Gear type DD, Mount. holes 2 (2)
 A: 63.30 B: 64.00 mm



110644 Starter 12 V, 0.6 kW
 Replacing: POC4001, MKW4001, MGL4109, MGL4008
 Servicing: Johnson
 B+ 1/4" UNC, Length 228.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)
 A: 63.00 B: 44.00 mm



110647 Starter 12 V, 0.6 kW
 Replacing: MKW4006, MGD4113, MGD4013, MGD4007A, MGD4007, MCD4007
 Servicing: Evinrude, Johnson
 B+ 1/4" UNC, Length 208.00, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 B: 61.00 mm



110648 Starter 12 V, 0.7 kW
 Replacing: MGL4001B, MGD4108A, MGD4108
 Servicing: Mariner, Mercury
 B+ 1/4" UNC, Length 263.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)
 A: 54.80 B: 48.00 mm



110793 Starter 12 V, 0.9 kW
 Replacing: 11925115
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 221.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)
 A: 66.00 B: 22.00 mm



110999 Starter 24 V
 Replacing: MFY6601K, MFY6601L, MFY6401K, MFY6201K, MFY6201L
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo
 B+ 1/2" UNC, B- 1/2" UNC, Length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111000 Starter 24 V, 6.5 kW
 Replacing: 855694
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis
 B+ 1/2" UNC, B- 1/2" UNC, Length 497.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 42MT. w/ rotating D.E. Bracket.
 A: 92.00 B: 46.00 mm



111043 Starter 12 V, 0.6 kW
 Replacing: POB4001, MGD4102C, MGD4102A, MGD4002M, MGD4002C, MGD4002A, MDW4204M, MDW4002M, MDH4102M, MDH4002M
 Servicing: Evinrude, Johnson
 B+ M6, Length 200.50, Drive type Steel, Gear type DD
 A: 63.30 B: 43.50 mm



111218 Starter 24 V, 5.4 kW
 Replacing: 860543
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 388.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: 860541
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 385.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.40 mm



111231 Starter 24 V, 6.6 kW
 Replacing: 860507
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 40.25 mm



111771 Starter 24 V, 6.2 kW
 Replacing: 860705
 Servicing: Mercedes-Benz
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



111910 Starter 24 V, 6.7 kW
 Replacing: 860305Z
 Servicing: Scania
 B+ M12, B- M10, Length 429.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



112055 Starter 24 V, 5.2 kW
 Manufacturer: Bosch
 Replacing: 861035
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112224 Starter 24 V, 6.7 kW
 Replacing: 860650
 Servicing: Scania
 B+ M12, Length 428.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



112249 Starter 12 V, 2.7 kW
 Replacing: MEO6005
 Servicing: Mercedes-Benz, Various
 Agriculture Vehicles
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



113672 Starter 24 V, 5.5 kW
 Replacing: 860616
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 350.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
w/ safety switch.
 Alternative no.: 115881
 A: 91.90 B: 47.00 mm



113827 Starter 24 V, 7.0 kW
 Replacing: M105R3507SE
 Servicing: Cummins, Various Industrial applications
 B+ M12, B- M12, Length 406.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 92.00 B: 46.95 mm



114001 Starter 24 V, 4.0 kW
 Replacing: 860813
 Servicing: MAN
 B+ M10, Length 317.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
w/ safety switch. Bosch Version
 A: 89.00 B: 28.00 mm



114330 Starter 24 V, 8.3 kW
 Replacing: M105R3502SE
 Servicing: Cummins
 B+ M12, B- M12, Length 418.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114388 Starter 12 V, 3.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 860715
 Servicing: Hattat Tarim, JCB, Perkins
 B+ M8, B- M8, 30h M10, Length 296.50,
 Gear type GR, Mount. holes 3 (0)
Iskra version.
 Alternative no.: 116308
 A: 89.00 B: 29.50 mm



115447 Starter 24 V, 7.5 kW
 Manufacturer: Prestolite
 Replacing: M105R3509SE, M105R3505SE
 Servicing: Case, Cummins, Fiat-Allis,
 Lister, Various Agriculture Vehicles, Various
 Industrial applications
 B+ M12, B- M12, Length 413.00,
 Gear type GR, Mount. holes 3 (0)
Replacing: 39mt.
 A: 92.00 B: 47.50 mm



115881 Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: 860616
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 350.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 113672
 A: 92.00 B: 47.00 mm



116346* Starter 24 V, 4.0 kW
 Replacing: 861035
 Servicing: DAF
 Alternative no.: 112055



110205 Starter 24 V, 6.5 kW
 Replacing: 19024075
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110206 Starter 24 V, 5.4 kW
 Replacing: 35032VL, 19024109, 19024025,
 19024010
 Servicing: Claas, Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Neoplan, Setra
 B+ M12, B- M10, Length 390.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



110207 Starter 24 V, 5.4 kW
 Replacing: 19024553, 19024013
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110208 Starter 24 V, 5.4 kW
 Replacing: 19024576, 19024555, 19024099,
 19024037, 19024016, 19024015
 Servicing: Fiat-Allis, Mercedes-Benz, Steyr, Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed, Waterproof
 A: 89.00 B: 48.00 mm



110210 Starter 24 V, 6.6 kW
 Replacing: 19024051
 Servicing: Fiat-Allis, Kässbohrer, MAN,
 Mercedes-Benz, Mitsubishi, Neoplan, Ssangyong
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 48.50 mm



110212 Starter 24 V, 6.6 kW
 Replacing: 19024078, 19024042
 Servicing: Iveco, Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.65 mm



110213 Starter 24 V, 6.6 kW
 Replacing: 19024053
 Servicing: Fiat, Iveco
 B+ M12, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 115.00 B: 20.80 mm



110214 Starter 24 V, 6.6 kW
 Replacing: 19024077
 Servicing: Scania
 B+ M10, B- M10, Length 407.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 37.00 mm



110216 Starter 12 V, 1.4 kW
 Replacing: 1998590, 1998589, 1998584,
 1998583, 1998574, 1998570, 1998569,
 1998568, 1998566, 1998562, 1998561
 Servicing: Buick, Cadillac, Chevrolet, GMC,
 Mercruiser, Oldsmobile, OMC, Pontiac
 B+ M8, 15a M5, Length 234.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 Replacing: 10MT.
 B: 18.50 mm



110218 Starter 12 V
 Replacing: 1998579, 1109431, 1109072,
 1109026, 1109022, 1108794, 1108766,
 1108765, 1108759, 1108758, 1108519
 Servicing: Buick, Cadillac, Oldsmobile, Pontiac
 B+ 3/8" UNC, 15a M4, Length 287.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 Replacing: 10MT.
 A: 82.30 B: 8.00 mm



110221 Starter 12 V, 1.2 kW
 Replacing: 323-427, 323-422, 323-421, 323-
 411, 1998544, 1998530, 1998526, 1998521,
 1998515, 1998514, 1998450
 Servicing: Buick, Chevrolet, GMC,
 Oldsmobile, Pontiac
 B+ M10, Length 267.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Replacing: 8MT.
 B: 16.00 mm



110225 Starter 12 V
 Replacing: 10465075
 Servicing: Ford, Lincoln, Mercury
 B+ M8, Length 252.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Marine type ACR: HC-CARGO 11213.
 A: 105.00 B: 16.50 mm



110231 Starter 12 V
 Replacing: 10465082, 10465081
 Servicing: American Motors, Jeep
 B+ 1/4" UNC, Length 265.50,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (1)
 A: 82.50 B: 16.50 mm



110347 Starter 24 V, 7.5 kW
 Replacing: 1993840, 1990284, 1990276,
 1990274, 1990273, 1990272, 1990271,
 1990270, 1990269, 1990268, 1990266
 Servicing: Caterpillar, Clark, Fiat-Allis, Iveco
 B+ 1/2" UNC, B- 1/2" UNC, Length 522.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 50MT.
 A: 92.00 B: 47.00 mm



110352 Starter 12 V, 1.3 kW
 Replacing: 19024839
 Servicing: Fiat, Lada
 B+ M8, Length 201.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (3)
 A: 82.50 B: 22.50 mm



110368 Starter 12 V, 2.3 kW
 Replacing: 19024249, 19024239
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110394 Starter 12 V, 0.85 kW
 Replacing: 323-540
 Servicing: Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.85 B: 4.35 mm



110409 Starter 12 V, 3.0 kW
 Replacing: 19024563, 19024001
 Servicing: Kaelble, Mack, Sennebogen
 B+ M10, Length 384.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110414 Starter 12 V
 Replacing: 1109534, 1109527, 1109524, 1109521
 Servicing: American Motors, Buick,
 Chevrolet, GMC, Jeep, Oldsmobile, Pontiac
 B+ M10, 15a 8-32 UNC, Length 286.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 Replacing: 8MT.
 A: 68.10 B: 16.00 mm



110436 Starter 12 V
 Replacing: 323-855, 323-830, 323-829,
 1993983, 1993961, 1993943, 1993942,
 1993939, 1993938, 1993937, 1993935
 Servicing: Caterpillar, Clark, Mack, Various
 B+ 1/2" UNC, B- 1/2" UNC, Length 496.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.00 mm



110468 Starter 12 V
 Replacing: 1998267, 1998266, 1109091,
 1109090, 1108197, 1107378, 1107377
 Servicing: Bobcat, Clark, Hyster, Various
 Agriculture Vehicles
 B+ 3/8" UNC, B- 1/4" UNC, 15a 8-32 UNC,
 Length 307.00, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (0), Oil sealed
 Replacing: 10MT.
 A: 88.65 B: 20.50 mm



110469 Starter 12 V
 Replacing: 1998281, 1998270, 1998269, 1109093,
 1108421, 1107203, 10455355, 10455340, 10455304
 Servicing: Bobcat, Various Agriculture Vehicles
 B+ M10, 15a M5, Length 306.70,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 Replacing: 10MT.
 A: 88.60 B: 44.50 mm



110472 Starter 12 V
 Replacing: 1998337, 1107582, 1107557
 Servicing: Hyster
 B+ 3/8" UNC, 15a M4, Length 346.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 20MT.
 A: 89.00 B: 47.50 mm



110485 Starter 12 V, 1.4 kW
 Replacing: 10465584, 10465440
 Servicing: Thermo King, Yanmar
 B+ M8, Length 191.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 95.00 B: 21.00 mm



110491 Starter 12 V, 1.4 kW
 Replacing: 1998274, 1109098, 1108505, 1107209
 Servicing: Allis Chalmers, Hyster
 B+ M10, Length 305.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 10MT.
 A: 88.00 B: 45.00 mm



110506 Starter 12 V
 Replacing: 1998271, 1109095, 1108423, 1108422,
 1107295, 1107287, 1107205, 1107204, 1107194
 Servicing: Hyster
 B+ M10, 15a M4, Length 305.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 10MT.
 A: 89.00 B: 47.00 mm



110509 Starter 12 V, 1.4 kW
 Replacing: 3182972
 Servicing: American Motors, Jeep
 B+ M8, Length 265.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)
 A: 82.50 B: 17.00 mm



110512 Starter 24 V, 5.4 kW
 Replacing: 19024556, 19024550, 19024024
 Servicing: Ahlmann, Irmer, Mercedes-Benz,
 Various Agriculture Vehicles
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110517 Starter 24 V, 3.2 kW
 Replacing: 19024242
 Servicing: BENFRA, Fiat-Allis, Iveco
 B+ M10, Length 295.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110518 Starter 24 V, 4.0 kW
 Replacing: 19024256, 19024232
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110519 Starter 12 V, 3.0 kW
 Replacing: 19024229
 Servicing: Iveco, Volvo
 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110520 Starter 24 V, 4.0 kW
 Replacing: 19024201
 Servicing: Cummins, Fiat-Allis
 B+ M10, Length 343.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



110521 Starter 24 V, 4.0 kW
 Replacing: 19024273, 19024231
 Servicing: BENFRA, Fiat, Fiat-Allis, Iveco
 B+ M10, Length 343.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 27.00 mm



110522 Starter 12 V, 3.0 kW
 Replacing: 19024253, 19024202
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.50 mm



110523 Starter 24 V, 4.8 kW
 Replacing: 19024813, 19024234, 19024226
 Servicing: ABG, Ahlmann, Case, Compair,
 Iveco, KHD, Payloader
 B+ M10, Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 27.50 mm



110524 Starter 24 V, 4.0 kW
 Replacing: DRX67131, 19024258, 19024236,
 19024225, 19024204, 10479627
 Servicing: Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110525 Starter 12 V, 3.0 kW
 Replacing: 19024223, 19024205
 Servicing: Claas, Mercedes-Benz
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110527 Starter 24 V, 4.0 kW
 Replacing: 19024233
 Servicing: Scania, Steyr
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 Not Insulated return.
 A: 89.00 B: 46.50 mm



110529 Starter 12 V, 3.0 kW
 Replacing: 19024272, 19024230
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis,
 Iveco
 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 30.00 mm



110530 Starter 12 V, 3.0 kW
 Replacing: 19024238
 Servicing: Huerlimann, Lamborghini, Same
 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 22.00 mm



110531 Starter 24 V, 6.6 kW
 Replacing: 19024071
 Servicing: Fiat-Allis, Gmeinder, KHD,
 Mercedes-Benz
 B+ M12, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 0 (0)
 A: 56.00 B: 37.00 mm



110532 Starter 24 V, 6.6 kW
 Replacing: 19024054
 Servicing: Iveco
 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Waterproof
 A: 115.00 B: 21.00 mm



110533 Starter 24 V, 5.4 kW
 Replacing: 19024011
 Servicing: Steyr
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm



110534 Starter 24 V, 5.4 kW
 Replacing: 19024030
 Servicing: Ford, Iveco, Various Agriculture
 Vehicles
 B+ M10, Length 390.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110535 Starter 24 V, 5.4 kW
 Replacing: 19024035
 Servicing: Iveco
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



110536 Starter 12 V, 2.7 kW
 Replacing: 19024824, 19024252, 19024235,
 19024224
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Magneton.
 Alternative no.: 116086 , 116139 ,
 116312
 A: 89.00 B: 28.00 mm



110537 Starter 12 V, 3.6 kW
 Replacing: 19024562, 19024561, 19024000
 Servicing: Volvo BM
 B+ M10, B- M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110538 Starter 12 V, 3.6 kW
 Replacing: 19024005
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm

STARTERS



110539 Starter 12 V, 3.6 kW

Replacing: 19024008

Servicing: Claas, Mercedes-Benz, New Holland
B+ M10, B- M10, Length 384.50,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm



110551 Starter 12 V, 3.0 kW

Replacing: 19024815

Servicing: Lamborghini, Same, Ursus, Zetor
B+ M10, Length 326.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm



110565 Starter 12 V, 2.8 kW

Replacing: 19024817

Servicing: Eicher, Massey Ferguson
B+ M8, B- M8, Length 313.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)
4 KW: HC-CARGO 115392.

A: 89.00 B: 29.50 mm



110569 Starter 12 V

Replacing: 1113683, 1113652

Servicing: Hyster
B+ M10, 15a M4, Length 405.00,
Drive type Steel, Gear type DD,
Clutch type Wet, Mount. holes 3 (0),
Oil sealed
Replacing: 35MT.

A: 89.00 B: 47.25 mm



110582 Starter 24 V, 5.4 kW

Replacing: 19024046, 19024018

Servicing: Iveco
B+ M10, B- M10, Length 384.00,
Drive type Steel, Gear type DD,
Mount. holes 3 (0)

A: 92.00 B: 47.00 mm

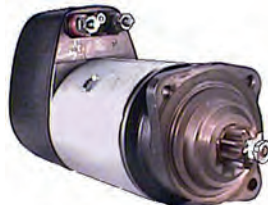


110590 Starter 12 V, 2.8 kW

Replacing: 1998480, 1998376, 1998359,
1998342, 1998335, 1998330, 1113282,
1113281, 1109263, 1109261, 1109253

Servicing: Bobcat, Perkins
B+ M10, Length 339.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0), Waterproof
Replacing: 22MT, 27MT, 28MT.

A: 88.90 B: 46.00 mm



110601 Starter 24 V, 5.4 kW

Replacing: 19024578

Servicing: Mercedes-Benz, Steyr
B+ M10, Length 386.25, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm



110602 Starter 12 V, 2.8 kW

Replacing: 1998339, 1113273, 1108692, 1107588,
10479613, 10465420, 10465348, 10465058

Servicing: Bobcat, Clark, Perkins
B+ M10, Length 339.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0), Oil sealed
Replacing: 22MT, 28MT.

A: 89.00 B: 46.00 mm



110604 Starter 12 V, 2.8 kW

Replacing: 1998409, 1998394, 1998378,
1998338, 1998334, 1113280, 1113279,
1109272, 1107587, 1107567, 10465048

Servicing: Allis Chalmers, Carrier Transicold,
Perkins

B+ M10, Length 340.00, Drive type Steel,
Gear type GR, Clutch type Dry,
Mount. holes 3 (0), Oil sealed
Replacing: 22MT, 27MT, 28MT.

A: 88.75 B: 46.45 mm



110807 Starter 12 V, 0.85 kW

Replacing: 111018

Servicing: Ford, Kia, Mazda, Opel
B+ M8, Length 197.25, Drive type Steel,
Gear type DD, Mount. holes 2 (0)

A: 70.00 B: 20.50 mm



110808 Starter 12 V, 0.85 kW

Replacing: 112816, 111089

Servicing: Ford, Kia, Mazda
B+ M8, Length 190.00, Drive type Steel,
Gear type DD/GR, Mount. holes 3 (2)

A: 74.00 B: 16.00 mm



110814 Starter 12 V, 2.7 kW

Replacing: 19024255

Servicing: Alfa Romeo, BENFRA, Fiat, Iveco,
Lancia, Massey Ferguson, Renault
B+ M10, Length 296.50, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 26.80 mm



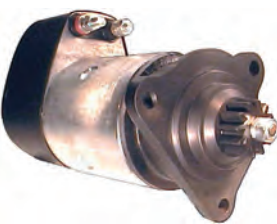
110819 Starter 12 V, 2.8 kW
 Replacing: 19024821
 Servicing: Eicher, Massey Ferguson, Perkins
 B+ M8, Length 311.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 23.00 mm



110839 Starter 12 V, 1.7 kW
 Replacing: 3471396
 Servicing: Opel, Vauxhall
 B+ M8, Length 269.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.00 B: 19.60 mm



110932 Starter 24 V, 5.4 kW
 Replacing: 19024040
 Servicing: DAF
 B+ M10, B- M10, Length 384.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 88.85 B: 47.00 mm



110980 Starter 24 V, 5.4 kW
 Replacing: 19024048
 Servicing: Volvo
 B+ M10, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



110981 Starter 24 V, 5.4 kW
 Replacing: 19024106, 19024049
 Servicing: DAF
 B+ M12, B- M10, Length 387.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 110.00 B: 47.50 mm



110999 Starter 24 V
 Replacing: 1993945, 1993833, 1993815,
 1993814, 1993808, 1993804, 1993797,
 1993796, 1993704, 1990809, 1990497
 Servicing: Case, Caterpillar, Fiat-Allis,
 Peterbilt Trucks, Various, Volvo
 B+ 1/2" UNC, B- 1/2" UNC, Length 499.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111000 Starter 24 V, 6.5 kW
 Replacing: 199903, 1993924, 1993842,
 1993810, 1993805, 1993802, 1993700,
 1990838, 1990493, 1990491, 1990485
 Servicing: Caterpillar, Clark, Cummins, Fiat-Allis
 B+ 1/2" UNC, B- 1/2" UNC, Length 497.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 42MT. w/ rotating D.E. Bracket.
 A: 92.00 B: 46.00 mm



111001 Starter 12 V, 3.0 kW
 Replacing: 19024250
 Servicing: Lamborghini, Same, Steyr
 B+ M10, Length 340.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 82.00 B: 21.60 mm



111003 Starter 24 V, 5.4 kW
 Replacing: 19024012
 Servicing: Hanomag, Mercedes-Benz
 B+ M10, B- M10, Length 387.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Waterproof
 A: 89.00 B: 47.50 mm



111025 Starter 12 V, 0.8 kW
 Replacing: 19024838
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111034 Starter 12 V, 1.2 kW
 Replacing: 1998524, 1998427, 1109064,
 1108776, 10465393, 10465065, 10455070,
 10455054, 10455050, 10455042
 Servicing: Chevrolet, GMC, Isuzu, Jeep,
 Oldsmobile, Pontiac
 B+ M8, Length 270.00, Gear type DD,
 Mount. holes 2 (0)
 Replacing: SD260.
 A: 67.80 B: 18.00 mm



111041 Starter 12 V, 2.8 kW
 Replacing: 1998481, 1998387, 1998383,
 1998336, 1113278, 1113275, 1109550,
 1107580, 10465406, 10465046
 Servicing: Fiat-Allis, Hyster, Perkins
 B+ M10, Length 338.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 Replacing: 22MT, 27MT, 28MT.
 A: 88.85 B: 46.25 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111046 Starter 24 V, 6.6 kW
 Replacing: 19024052
 Servicing: MAN, Volvo
 B+ M10, Length 404.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 88.85 B: 48.00 mm



111049 Starter 12 V
 Replacing: 1998576, 1109439
 Servicing: Hyster, Various, Various Agriculture
 Vehicles
 B+ M8, 15a M5, Length 304.00,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0), Oil
 sealed
 Replacing: 10MT.
 A: 89.00 B: 46.25 mm



111065 Starter 12 V, 2.2 kW
 Replacing: 110397
 Servicing: Daewoo, Mercedes-Benz, Ssangyong
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.30 B: 26.50 mm



111123 Starter 12 V, 0.9 kW
 Replacing: 96208781, 9000981, 9000795,
 10455506
 Servicing: Chevrolet, Daewoo, Fiat, Opel,
 Vauxhall
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.95 B: 18.55 mm



111127 Starter 12 V, 1.4 kW
 Replacing: X16478, 9000802, 9000791,
 9000785, 9000772, 9000758, 9000756,
 9000751, 9000700, 3471173, 3471169
 Servicing: Opel, Pontiac, Vauxhall
 B+ M8, Length 183.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Replacing: PG100.
 A: 68.00 B: 18.00 mm



111190 Starter 12 V
 Replacing: 1998210, 1109422, 1109088,
 1109087, 1108508, 1107379, 1107308, 10455332
 Servicing: Caterpillar, Clark
 B+ 3/8" UNF, 15a M4, Length 303.45,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 10MT.
 A: 88.70 B: 21.00 mm



111217 Starter 12 V, 3.0 kW
 Replacing: 19024566, 19024565
 Servicing: Volvo, Volvo BM
 B+ M10, B- M10, Length 386.50,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111218 Starter 24 V, 5.4 kW
 Replacing: 19024028
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 388.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



111219 Starter 24 V, 6.6 kW
 Replacing: 19024063, 19024047
 Servicing: Volvo Penta
 B+ M10, B- M10, Length 385.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.40 mm



111221 Starter 12 V, 2.5 kW
 Replacing: 1113271, 1109251, 1107871,
 1107863, 1107599, 1107577
 Servicing: Bobcat, Clark, John Deere
 B+ M10, 15a M5, Length 340.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 Replacing: 28MT.
 A: 82.50 B: 33.00 mm



111222 Starter 12 V, 2.8 kW
 Replacing: 1998389, 1113288, 1109540
 Servicing: Clark
 B+ M10, 15a M5, Length 338.00,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed
 Replacing: 28MT.
 A: 88.85 B: 19.80 mm



111224 Starter 12 V, 4.0 kW
 Replacing: 1993988, 1993894, 1993886,
 1993881, 1993799, 1993790, 1993769,
 1993762, 1993754, 1993712, 1993705
 Servicing: John Deere
 B+ M10, Length 402.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0),
 Oil sealed
 Replacing: 37MT.
 A: 88.90 B: 47.60 mm


111231 Starter 24 V, 6.6 kW

Replacing: 19024080

Servicing: Renault V.I.

 B+ M10, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

A: 89.00 B: 40.25 mm


111258 Starter 12 V

 Replacing: 1998225, 1970445, 1876552,
 1109074, 1109067, 1109059, 1109029,
 1108799, 1108788, 1108783, 1108775

 Servicing: Buick, Chevrolet, GMC,
 Oldsmobile, Pontiac

 B+ M10, 15a M4, Length 292.75,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)

Replacing: 10MT.

A: 71.15 B: 5.85 mm


111259 Starter 12 V, 1.3 kW

Replacing: 1998305, 1109568, 1109430, 1108511

Servicing: Case

 B+ M10, 15a M5, Length 305.00,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)
 Replacing: 10MT.

A: 88.70 B: 19.00 mm


111277 Starter 12 V

 Replacing: 1998580, 1998318, 1998317,
 1109490, 1109489, 1109488, 1109487,
 1109486, 1108756, 1108755

Servicing: Chevrolet, GMC, Mercruiser, OMC

 B+ M10, 15a M4, Length 294.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)

Replacing: 10MT.

A: 82.60 B: 19.45 mm


111383 Starter 12 V, 2.8 kW

Replacing: 1113285

Servicing: Bobcat, Clark

 B+ M10, 15a M5, Length 341.50,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 3 (0),
 Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm


111399 Starter 24 V, 4.0 kW

Replacing: 19024262

Servicing: DAF

 B+ M10, B- M8, Length 352.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 38.00 mm


111640 Starter 24 V, 4.0 kW

Replacing: 19024264

Servicing: MAN

 B+ M10, Length 338.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 88.50 B: 28.00 mm


111683 Starter 12 V, 2.0 kW

Replacing: 112473

 Servicing: Chevrolet, Clark, GMC, Iseki,
 Isuzu, Opel, TCM

 B+ M8, Length 232.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)

A: 95.00 B: 19.50 mm


111684 Starter 12 V, 1.4 kW

Replacing: 96550792, 96208782, 9000801

Servicing: Daewoo, Opel, Vauxhall

 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)

A: 67.90 B: 18.00 mm


111699 Starter 12 V, 1.6 kW

 Replacing: 9000895, 9000850, 9000822,
 9000820, 9000763, 8000193, 323-677, 12301334

Servicing: Mercruiser, Volvo Penta

 B+ M8, 30h M5, Length 245.00,
 Drive type Steel, Gear type GR,
 Clutch type Wet, Mount. holes 2 (0)

Replacing: PG260L.

B: 19.00 mm


111709 Starter 12 V, 2.2 kW

Replacing: 110002

Servicing: Daewoo, Isuzu, TCM

 B+ M8, Length 233.65, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)

A: 95.00 B: 20.00 mm


111752 Starter 12 V, 2.7 kW

Replacing: 19024257

Servicing: Case, Payloader

 B+ M10, Length 342.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 47.00 mm


111760 Starter 24 V, 4.5 kW

Replacing: 1998488, 1113594, 1113291, 1113277, 10479656, 10479655, 10479623, 10479622, 10461486, 10461469

Servicing: Case, Cummins

B+ M10, Length 339.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 7MT, 28MT.

A: 89.00 B: 45.00 mm


111771 Starter 24 V, 6.2 kW

Replacing: 19024179

Servicing: Mercedes-Benz

B+ M12, B- M10, Length 390.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


111786 Starter 12 V, 1.7 kW

Replacing: 9000884, 9000851, 9000821, 9000819, 9000789, 9000768, 9000762, 9000761, 9000735, 9000725, 9000719

Servicing: Mercruiser, Mercury, OMC

B+ M8, 15a M5, Length 246.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)

Alternative no.: 115985

B: 18.30 mm


111793 Starter 12 V, 3.0 kW

Replacing: 19024261

Servicing: Caterpillar, Mercedes-Benz, Volvo

B+ M10, Length 342.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 88.80 B: 28.50 mm


111805 Starter 12 V, 2.5 kW

Replacing: 17610-Q1010, 111534

Servicing: Ford, Nissan

B+ M8, Length 228.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 95.00 B: 11.50 mm


111848 Starter 12 V, 1.0 kW

Replacing: 96450663, 96208785, 92064181

Servicing: Chevrolet, Citroen, Daewoo, Holden, Isuzu, Opel, Peugeot, Vauxhall

B+ M8, Length 215.50, Drive type Steel, Gear type GR, Mount. holes 2 (1)

A: 82.50 B: 19.00 mm


111849 Starter 12 V, 0.8 kW

Replacing: 96569440, 96275481, 10455503

Servicing: Chevrolet, Daewoo, Suzuki

B+ M8, Length 184.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)

A: 75.00 B: 6.50 mm


111982 Starter 24 V, 4.0 kW

Replacing: DRX67149, DRX67095, 8200138, 8200004, 19070039, 10479626, 10461470

Servicing: Mercedes-Benz

B+ M10, Length 342.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.75 B: 45.00 mm


112037 Starter 24 V, 4.0 kW

Replacing: 19024260

Servicing: Perkins, Volvo

B+ M10, Length 340.70, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)

A: 89.00 B: 29.00 mm


112089 Starter 12 V

Replacing: 323-871, 1993977, 1993856, 1993816, 1993813, 1993807, 1993803, 1990495, 1990490, 1990483, 1990478

Servicing: Case, Caterpillar, Cummins, Ford, Freightliner, International, Kenworth, Mack, New Holland, Perkins, Volvo

B+ 1/2" UNC, B- 1/2" UNC, Length 496.00, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 42MT.

A: 92.00 B: 46.00 mm


112116 Starter 24 V, 6.6 kW

Replacing: 19024085

Servicing: Volvo

B+ M12, B- M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 47.00 mm


112119 Starter 24 V, 6.6 kW

Replacing: 19024076

Servicing: Scania

B+ M10, B- M10, Length 406.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 37.00 mm



112120 Starter 24 V, 6.6 kW
 Replacing: 19024072
 Servicing: MAN, Mercedes-Benz
 B+ M12, B- M10, Length 405.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



112169 Starter 24 V, 4.5 kW
 Replacing: 1993954, 1993903, 10479108
 Servicing: Case
 B+ 3/8" UNF, Length 401.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 89.00 B: 46.00 mm



112224 Starter 24 V, 6.7 kW
 Replacing: 19070036
 Servicing: Scania
 B+ M12, Length 428.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



112232 Starter 12 V, 2.4 kW
 Manufacturer: Lucas
 Replacing: 1998405, 1998316, 19010615,
 1109485, 1109369, 1108374, 10455602
 Servicing: Mercruiser, OMC, Thermo King,
 Volvo Penta
 B+ M10, 15a M5, Length 320.00,
 Drive type Steel, Gear type DD,
 Mount. holes 2 (0)
 Replacing: 10MT.
 A: 82.00 B: 46.00 mm



112233 Starter 12 V
 Manufacturer: Lucas
 Replacing: 1998599, 1998460, 1998421,
 1998404, 1998315, 1998282, 1998280,
 19010617, 1109484, 1109358, 1109356
 Servicing: Caterpillar, International, Mercruiser
 B+ M10, 15a M5, Length 318.50,
 Drive type Steel, Gear type DD,
 Clutch type Wet, Mount. holes 2 (0)
 Replacing: 10MT.
 A: 82.45 B: 47.00 mm



112239 Starter 12 V, 1.4 kW
 Replacing: 9000840, 9000839
 Servicing: Mercruiser
 B+ M8, 15a M5, Length 232.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 Replacing: PG260F1, -G.
 A: 67.90 B: 18.00 mm



112240 Starter 12 V, 1.7 kW
 Replacing: 9000899, 9000879, 9000860,
 9000786, 12564108, 10465554, 10465167
 Servicing: Cadillac, Chevrolet, GMC, Isuzu,
 Oldsmobile
 B+ M8, 15a M5, Length 245.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 Replacing: PG260M.
 B: 19.00 mm



112241 Starter 12 V, 1.5 kW
 Replacing: 9000910, 9000871, 9000858,
 9000841, 323-1434, 12564107, 10465520
 Servicing: Chevrolet, GMC, Isuzu, Oldsmobile
 B+ M8, Length 245.00, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0)
 Replacing: PG260F2.
 B: 18.00 mm



112243 Starter 24 V
 Replacing: 1993910, 1993909, 1993902,
 1993901, 1993732, 1993729, 1993707,
 1990332, 1990330, 1113541, 1113536
 Servicing: Case, Clark
 B+ 1/2" UNC, 15a 1/4" UNC, Length 401.50,
 Drive type Steel, Gear type DD,
 Clutch type Dry, Mount. holes 3 (0),
 Oil sealed
 Replacing: 37MT.
 A: 92.00 B: 48.00 mm



112251 Starter 12 V, 2.3 kW
 Replacing: CER3087, 112161, 00E091
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112255 Starter 12 V
 Replacing: 323-842, 1993974, 1993931,
 1993874, 1993871, 1993869, 1993819,
 1993794, 1993778, 1993763, 1993719
 Servicing: Clark, Cummins
 B+ 1/2" UNC, Length 401.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0), Oil sealed
 Replacing: 37MT.
 A: 92.00 B: 48.00 mm



112267 Starter 12 V, 2.5 kW
 Replacing: 323-824, 323-823, 323-419,
 1998522, 1998506, 1998490, 1998457,
 1998456, 1998423, 1998408, 1113593
 Servicing: Bobcat, Cummins, Ford
 B+ M10, Length 339.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 89.00 B: 46.50 mm

STARTERS



112268 Starter 12 V, 2.8 kW

Replacing: 1998484, 1998468, 1998373, 1998357, 1998350, 1998340, 1113597, 1113290, 1113274, 1107540, 10479607

Servicing: Allis Chalmers, Hyster, Massey Ferguson, New Holland

B+ M10, Length 340.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0), Oil sealed
Replacing: 28MT.

A: 89.00 B: 46.00 mm



112341 Starter 12 V, 2.5 kW

Replacing: 1998442, 1998401, 1113590, 1113589, 1113296, 1113295, 1113270, 1113269, 1113267, 1113266, 1109563

Servicing: Chevrolet, GMC

B+ M10, Length 337.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
Replacing: 7MT, 28MT.

A: 82.50 B: 9.00 mm



112365 Starter 12 V, 2.2 kW

Replacing: DSR1167L, 110566

Servicing: Nissan

B+ M8, Length 224.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)

A: 95.00 B: 10.50 mm



112507 Starter 24 V, 5.4 kW

Replacing: 19024026

Servicing: Volvo, Volvo Penta

B+ M10, B- M10, Length 385.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
BOSCH OE 0001414022/0001416026 IS OIL-SEALED. HC-CARGO 112507 IS NOT!

A: 89.00 B: 51.00 mm



112534 Starter 12 V, 2.0 kW

Replacing: 8000286

Servicing: JCB, KHD, Perkins

B+ M8, Length 239.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



112546 Starter 12 V, 0.6 kW

Replacing: 10455516, 10455513

Servicing: Cub Cadet, John Deere, Kohler

B+ M8, Length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)

A: 63.00 B: 16.90 mm



112581 Starter 24 V, 6.2 kW

Replacing: 19070032

Servicing: DAF

B+ M12, Length 380.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 110.00 B: 48.00 mm



112652 Starter 24 V, 4.5 kW

Replacing: 10479605, 10461461

Servicing: Detroit

B+ M10, Length 338.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed

Replacing: 28MT.

A: 89.00 B: 46.00 mm



112660 Starter 12 V, 2.8 kW

Replacing: 1107867, 1107862

Servicing: Case

B+ M10, Length 333.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm



112668 Starter 12 V, 2.5 kW

Replacing: 1113284, 1113248, 10461483

Servicing: Hough, Komatsu

B+ M10, Length 338.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0)

Replacing: 28MT.

A: 89.00 B: 46.00 mm



112897 Starter 12 V, 1.7 kW

Replacing: 9000798, 9000796, 9000773, 323-488, 323-480, 1998591, 1998577, 1998564, 1998557, 1998516, 1998435

Servicing: American Motors, Buick, Cadillac, Chevrolet, Jeep, Mercruiser, Pontiac

B+ M8, Length 236.00, Drive type Steel, Gear type DD/GR, Clutch type Wet,

Mount. holes 2 (0), Waterproof

Replacing: PG250, -260.

B: 19.00 mm



112900 Starter 12 V, 1.4 kW

Replacing: 9000859, 9000847, 9000833, 323-1396, 323-1062, 10465542, 10465459, 10465384

Servicing: Buick, Chevrolet, GMC, Isuzu, Oldsmobile, Pontiac

B+ M8, Length 218.00, Drive type Steel, Gear type GR, Clutch type Wet,

Mount. holes 2 (0)

Replacing: PG260F1.

A: 68.20 B: 19.00 mm



112902 Starter 12 V, 1.2 kW
 Replacing: 9000939, 9000925, 9000873, 9000854, 9000842, 9000837, 336-2002, 323-1483, 323-1400, 12573853
 Servicing: Buick, Cadillac, Chevrolet, GMC
 B+ M8, Length 214.40, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (0)
 Replacing: PG260F2.
 B: 18.00 mm



112904 Starter 12 V, 1.7 kW
 Replacing: 9000876, 9000862, 9000805, 9000775, 323-489, 323-1432, 12563919, 10465523, 10465294
 Servicing: Cadillac, Oldsmobile
 B+ M8, Length 233.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 Replacing: PG260L, -260M.
 A: 82.50 B: 30.00 mm



112905 Starter 12 V, 1.6 kW
 Replacing: 9000926, 9000875, 323-1476, 323-1446, 12563863, 10465527
 Servicing: Buick, Chevrolet, GMC, Oldsmobile
 B+ M8, Length 232.00, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 2 (0)
 Replacing: PG260L.
 A: 82.30 B: 29.60 mm



112906 Starter 12 V, 1.7 kW
 Replacing: 9000866, 9000853, 9000834, 89000853, 323-1063, 12563907, 10465385
 Servicing: Cadillac, Chevrolet, GMC, Pontiac
 B+ M8, Length 246.15, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0)
 Replacing: PG260M.
 B: 19.00 mm



112912 Starter 12 V, 1.6 kW
 Replacing: 323-1065, 323-1064, 12558851, 10465389, 10455065
 Servicing: Cadillac, Chevrolet, GMC
 B+ M8, Length 268.80, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)
 A: 65.50 B: 9.00 mm



113153 Starter 12 V
 Replacing: 323-864, 1993836, 1993776, 1990484, 1990428, 1990426, 1990421, 1990393, 1990391, 1990355, 10479082
 Servicing: Freightliner
 B+ 1/2" UNC, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 Replacing: 42MT.
 A: 91.85 B: 45.25 mm



113172 Starter 12 V, 2.0 kW
 Replacing: 1109423, 1109418, 1108493, 1108443, 1107335
 Servicing: Caterpillar, Hyster, Yale
 B+ M8, Length 249.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 2 (0), Oil sealed
 Replacing: 10MT.
 A: 88.70 B: 46.00 mm



113429 Starter 12 V, 4.2 kW
 Replacing: 10465537, 10461645
 Servicing: Case, Cummins
 B+ M10, B- M12, Length 317.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 47.50 mm



113435 Starter 24 V, 4.5 kW
 Replacing: 323-408, 1113591, 10479611, 10465015, 10461453
 Servicing: Hummer, Various
 B+ M10, Length 336.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 Replacing: 28MT.
 A: 82.00 B: 7.50 mm



113452 Starter 12 V, 2.5 kW
 Replacing: 10479617, 10461466
 Servicing: Agco White
 B+ M10, 15a M5, Length 338.50, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed
 Replacing: 28MT.
 A: 88.80 B: 45.00 mm



113466 Starter 24 V, 4.0 kW
 Replacing: 19024280
 Servicing: Renault V.I.
 B+ M10, Length 316.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113468 Starter 24 V, 4.0 kW
 Replacing: 19024286
 Servicing: MAN
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 Bosch GR HC-CARGO 112446.
 A: 89.00 B: 27.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.


113550 Starter 12 V

Replacing: 8300019, 8200040, 8200033, 19011530, 19011521, 19011518, 19011516, 19011506, 10461777, 10461753

Servicing: Mack

B+ M12, Length 413.50, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Replacing: 39MT.

A: 92.00 B: 46.00 mm


113608 Starter 24 V, 6.2 kW

Replacing: 19070033

Servicing: Evobus, Kässbohrer, Mercedes-Benz, Setra

B+ M12, 15a M6, Length 380.50, Drive type Steel, Gear type DD/GR, Clutch type Wet, Mount. holes 3 (0)

A: 92.00 B: 48.00 mm


113659 Starter 12 V, 0.9 kW

Replacing: 8000395, 8000174, 113136

Servicing: Hyundai, Kia

B+ M8, Length 186.00, Drive type Steel, Gear type DD, Mount. holes 2 (2)

A: 77.00 B: 18.00 mm


113679 Starter 12 V, 1.6 kW

Replacing: 9000885

Servicing: Clark

B+ M8, 15a M5, Length 243.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)

Replacing: PG260L.

B: 18.00 mm


113695 Starter 24 V, 6.0 kW

Replacing: 1993918, 1993831, 10478961, 10478960, 10478811, 10461405, 10461402

Servicing: Caterpillar

B+ 1/2" UNC, B- 1/2" UNC, 15a 3/16"UNF, Length 433.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed

Replacing: 37MT.

A: 89.00 B: 47.00 mm


113725 Starter 12 V, 2.5 kW

Replacing: 10465540

Servicing: Case

B+ M10, Length 300.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 88.60 B: 49.00 mm


113827 Starter 24 V, 7.0 kW

Replacing: 8300025, 8200072, 8200000, 19026030, 19026026, 19023060

Servicing: Cummins, Various Industrial applications

B+ M12, B- M12, Length 406.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 46.95 mm


113850 Starter 24 V, 5.4 kW

Replacing: 19024101

Servicing: Volvo BM

B+ M10, B- M10, Length 387.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0), Oil sealed

Not insulated return.

A: 89.00 B: 48.00 mm


113851 Starter 24 V, 7.5 kW

Replacing: 8200519, 19024196, 19011501

Servicing: Mercedes-Benz

B+ M12, Length 348.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 3 (0)

Replacing: 39MT.

 Alternative no.: 115885 5★

A: 92.00 B: 47.70 mm


113860 Starter 12 V, 0.8 kW

Replacing: 96289430

Servicing: Chevrolet, Daewoo

B+ M8, Length 185.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (1)

A: 75.00 B: 6.50 mm


114003 Starter 12 V, 5.0 kW

Replacing: 19011504

Servicing: Mercedes-Benz

B+ M12, Length 345.00, Gear type GR, Mount. holes 3 (0)

A: 92.00 B: 47.50 mm


114013 Starter 24 V

Replacing: 8200086, 8200029, 19011524, 19011511, 10461759, 10461758

Servicing: Cummins

B+ M12, B- M12, Length 419.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

Replacing: 39MT.

A: 92.00 B: 48.00 mm



114124 Starter 12 V, 1.8 kW
 Replacing: 9000965, 9000952, 9000936, 9000889, 9000835, 8000321
 Servicing: Fiat, Holden, Opel, Saab, Vauxhall
 B+ M8, Length 236.00, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 29.00 mm



114145 Starter 12 V, 2.3 kW
 Replacing: 8000032
 Servicing: Fiat
 B+ M8, Length 235.00, Gear type GR, Mount. holes 3 (3)
Remy Type (Bosch type HC-CARGO 113935).
 A: 81.50 B: 1.50 mm



114159 Starter 12 V, 1.8 kW
 Replacing: 96843574, 8000129
 Servicing: Chevrolet, Opel
 B+ M8, Length 222.00, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 18.00 mm



114298 Starter 12 V, 1.1 kW
 Replacing: 8000387, 8000048
 Servicing: Alfa Romeo, Chevrolet, Fiat, Opel, Saab, Vauxhall
 B+ M8, Length 199.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 68.00 B: 17.50 mm



114325 Starter 12 V, 4.6 kW
 Replacing: 8300024, 8200077, 8200023, 1993879, 1993756, 19026031, 10479107
 Servicing: Cummins
 B+ M12, Length 405.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



114326 Starter 24 V, 7.5 kW
 Replacing: 8300023, 8200078, 8200024, 19026032
 Servicing: Cummins
 B+ M12, B- M12, Length 405.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 88.80 B: 47.00 mm



114330 Starter 24 V, 8.3 kW
 Replacing: 8300018, 8300016, 8200724, 8200700, 8200330, 8200041, 8200039, 8200034, 8200032, 8200022, 19011523
 Servicing: Cummins
 B+ M12, B- M12, Length 418.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



114341 Starter 12 V, 1.2 kW
 Replacing: 9000967, 9000934, 9000902, 8000180, 12567585
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 214.00, Gear type GR
 A: 75.00 B: 30.00 mm



114397 Starter 24 V, 4.0 kW
 Replacing: 19024294
 Servicing: Cummins
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 48.20 mm



114443 Starter 12 V, 0.9 kW
 Replacing: 8000484, 8000400
 Servicing: Hyundai, Kia
 B+ M8, Length 174.50, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 21.00 mm



114460 Starter 12 V, 1.4 kW
 Replacing: 8000006
 Servicing: Citroen, Fiat, Hyundai, Lancia, Mitsubishi, Peugeot
 B+ M8, Length 216.00, Gear type GR, Mount. holes 3 (3)
 B: -4.00 mm



114710 Starter 24 V, 4.0 kW
 Replacing: 10479647
 Servicing: Cummins
 B+ M10, 15a M5, Length 340.00, Gear type GR, Mount. holes 3 (0)
 A: 89.00 B: 46.00 mm



114885 Starter 12 V, 0.9 kW
 Replacing: 112847
 Servicing: Kia
 B+ M8, Length 184.00, Gear type DD,
 Mount. holes 3 (2)
 A: 74.00 B: 12.50 mm



114888 Starter 12 V
 Replacing: RS41058
 Servicing: John Deere, Kawasaki
 B+ 1/4" UNC, Length 185.00,
 Gear type DD, Mount. holes 2 (0)
 B: 19.50 mm



115347 Starter 24 V, 7.5 kW
 Replacing: 1993980, 10479011, 10478948,
 10461361, 10461204
 Servicing: Atlas Copco
 B+ 1/2" UNC, B- 1/2" UNC,
 Length 496.50, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 47.00 mm



115446 Starter 12 V, 1.7 kW
 Manufacturer: Delco Remy Korea
 Replacing: 8000511, 8000396
 Servicing: Hyundai, Kia
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



115447 Starter 24 V, 7.5 kW
 Manufacturer: Prestolite
 Replacing: 8300011, 8200702, 8200435
 Servicing: Case, Cummins, Fiat-Allis,
 Lister, Various Agriculture Vehicles, Various
 Industrial applications
 B+ M12, B- M12, Length 413.00,
 Gear type GR, Mount. holes 3 (0)
 Replacing: 39mt.
 A: 92.00 B: 47.50 mm



115569 Starter 12 V, 1.2 kW
 Replacing: 8000169
 Servicing: Hyundai, Kia
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 27.00 mm



115575 Starter 12 V, 1.4 kW
 Replacing: 8000375
 Servicing: Chevrolet, Opel, Saab, Vauxhall
 B+ M8, Length 214.50, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 30.00 mm



115623* Starter 24 V, 4.0 kW
 Replacing: 19024288
 Servicing: Volvo
 B+ M10, Length 340.00, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm

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115626 Starter 12 V, 2.0 kW
 Replacing: 8000530, 8000269
 Servicing: Hyundai, Kia
 B+ M8, Length 222.00, Gear type GR,
 Mount. holes 2 (2)
 A: 80.00 B: 25.00 mm



115740 Starter 12 V
 Replacing: 9000855
 Servicing: Mariner, Mercury
 B+ M8, 15a M5, Length 261.50,
 Gear type GR
 B: 46.50 mm



115743 Starter 12 V, 1.4 kW
 Replacing: 8000340
 Servicing: Clark, Doosan, Hyundai
 B+ M8, Length 214.00, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 A: 70.00 B: 28.00 mm



115758 Starter 12 V, 1.2 kW
 Manufacturer: Valeo
 Replacing: 8000357, 8000285
 Servicing: Hyundai, Kia
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.00 mm



115773 Starter 12 V, 1.3 kW
 Replacing: 8000213
 Servicing: Opel, Saab, Vauxhall
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 2 (0)
 A: 75.00 B: 30.00 mm



115801 Starter 24 V, 4.0 kW
 Replacing: 8200297
 Servicing: Mercedes-Benz
 B+ M10, Length 306.00, Gear type GR,
 Mount. holes 3 (0)
 Replacing: 29MT.
 A: 89.00 B: 47.00 mm



115885 Starter 24 V, 7.5 kW
 Manufacturer: Mitsubishi
 Replacing: 8200519, 19024196, 19011501
 Servicing: Mercedes-Benz
 B+ M12, Length 348.50, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 113851
 A: 92.00 B: 47.50 mm



116004 Starter 12 V, 3.3 kW
 Replacing: 8200011, 19011403, 10461772
 Servicing: Mercedes-Benz
 B+ M10, Length 306.00, Gear type GR,
 Mount. holes 3 (0)
 29MT.
 A: 89.00 B: 46.00 mm



116139 Starter 12 V, 3.0 kW
 Manufacturer: Iskra/Mahle
 Replacing: 19024824, 19024252, 19024235,
 19024224
 Servicing: ABG, Atlas Copco, Bobcat, Bomag,
 Bosch, Case, Claas, Deutz-Fahr, Fendt, Irmer,
 Iveco, KHD, Kramer, Mercedes-Benz
 B+ M10, Length 311.00, Gear type DD,
 Mount. holes 3 (0)
 Iskra type.
 Alternative no.: 110536, 116086 , 116312
 A: 89.00 B: 28.00 mm



116151 Starter 12 V, 0.8 kW
 Replacing: 8000153
 Servicing: New Holland
 B+ M8, Length 205.00, Gear type DD/GR,
 Mount. holes 2 (2)
 A: 61.50 B: 25.50 mm



116271 Starter 12 V, 1.7 kW
 Manufacturer: Delco Remy Korea
 Replacing: 8000680, 8000551
 Servicing: Hyundai, Kia
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



116283 Starter 12 V, 1.8 kW
 Manufacturer: Remy
 Replacing: 8000675
 Servicing: Hyundai, Kia
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 15.50 mm



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116305* Starter 24 V, 4.5 kW
 Replacing: 8200777, 8200734, 8200475
 Gear type GR, Mount. holes 3 (0)



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116447* Starter 24 V, 4.5 kW
 Replacing: 8200222
 Servicing: Doosan
 Mount. holes 3 (0)



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: DM92140, DM2146, DM2140
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 66.00 B: 10.50 mm



110529 Starter 12 V, 3.0 kW
 Replacing: DM2138
 Servicing: Agrifull, BENFRA, Fiat, Fiat-Allis,
 Iveco
 B+ M10, Length 340.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 30.00 mm



110640 Starter 12 V, 3.0 kW
 Replacing: DM2134, DM2130, DM2120, 2130
 Servicing: Allis Chalmers, Fiat, Fiat-Allis,
 Long
 B+ M10, Length 310.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.00 mm



110866 Starter 12 V, 0.9 kW
 Replacing: DM2140
 Servicing: Renault
 B+ M8, Length 197.65, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110616 Starter 24 V, 4.5 kW
 Replacing: 0350-502-0131, 0350-502-0130
 Servicing: Nissan
 B+ M8, Length 303.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 105.00 B: 33.00 mm



113130 Starter 24 V, 4.5 kW
 Replacing: 0350-552-0328, 0350-552-0326,
 0350-552-0325, 0350-552-0324, 0350-552-
 0323, 0350-552-0322
 Servicing: Hino
 B+ M10, Length 296.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 105.00 B: 32.00 mm



114345 Starter 24 V, 6.0 kW
 Replacing: 0350-702-0339, 0350-702-0294,
 0350-702-0226, 0350-702-0180, 0350-702-
 0025, 0350-702-0024
 Servicing: Hino
 B+ M10, Length 325.00, Drive type Steel,
 Mount. holes 3 (0)
 A: 122.00 B: 43.00 mm



114436 Starter 24 V, 5.0 kW
 Replacing: 0355-502-0041, 0355-502-0040,
 0355-502-0019
 Servicing: Hino
 B+ M8, Length 280.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 105.00 B: 29.50 mm

STARTERS



112312 Starter 12 V, 0.48 kW

Replacing: 36680, 36463, 35763A, 35763, 33606, 33605, 33306

Servicing: Tecumseh

B+ 1/4" UNF, Length 166.50,
Drive type Steel, Gear type DD,
Mount. holes 4 (0)

B: 44.20 mm



112313 Starter 12 V, 0.5 kW

Replacing: 33835

Servicing: Massey Ferguson, Tecumseh

B+ M6, Length 190.00, Drive type Steel,
Gear type DD, Mount. holes 3 (0)

B: 29.00 mm



112565 Starter 12 V, 0.5 kW

Replacing: 36795, 36264

Servicing: Tecumseh

B+ 1/4" UNC, Length 187.50,
Drive type Steel, Gear type DD,
Clutch type Dry, Mount. holes 2 (0)

A: 43.50 B: 30.00 mm



112566 Starter 12 V, 0.5 kW

Replacing: 37425, 36914

Servicing: Tecumseh

B+ 1/4" UNC, Length 190.00,
Drive type Steel, Gear type DD,
Mount. holes 2 (0)

Mounting bolts must be supplied w/ starter.

B: 41.00 mm



110240 Starter 12 V, 0.6 kW
 Replacing: SMH12B41, SM17996, SM10629, SM02610, 5704840-MO30SM, 5704820MO30SM, 1799640MO30SM, 1799640-MO30SM
 Servicing: Johnson
 B+ M8, Length 209.00, Drive type Steel, Gear type DD, Mount. holes 1 (0)
 A: 63.40 B: 44.00 mm



110510 Starter 12 V, 0.5 kW
 Replacing: SMH12A4, SMH12A202, SMH12A201, SMH12A2, SMH12A102, SME12A8, SME12A11, SM56661, SM50497, SM16353
 Servicing: John Deere
 B+ 1/4" UNC, Length 182.55, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 B: 49.50 mm



110634 Starter 12 V, 0.65 kW
 Replacing: SMO1965, SMO1965
 Servicing: Briggs & Stratton
 B+ 1/4" UNC, Length 170.00, Drive type Plastic, Gear type DD, Mount. holes 3 (0)



110636 Starter 12 V, 0.6 kW
 Replacing: SM44120, 5273440MO30SM, 4412040MO30SM, 4412040
 Servicing: Chrysler
 B+ 1/4" UNC, Length 262.00, Drive type Bronze, Gear type DD, Mount. holes 2 (2)
 A: 63.30 B: 64.00 mm



110644 Starter 12 V, 0.6 kW
 Replacing: SMO2469, SMH12C41, SMH1201399, SM59535, SM57047, SM20703, SM20702, SM17917, SM17916, SM02466
 Servicing: Johnson
 B+ 1/4" UNC, Length 228.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)
 A: 63.00 B: 44.00 mm



110647 Starter 12 V, 0.6 kW
 Replacing: SMH12B43, SMH12B42, SM57053, SM11279, SM1122940, SM11229, SM08041, 5705340MO30SM, 5705340-MO30SM
 Servicing: Evinrude, Johnson
 B+ 1/4" UNC, Length 208.00, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 B: 61.00 mm



110648 Starter 12 V, 0.7 kW
 Replacing: SMH12C31, SM48865, SM48201, SM09964, SMO9962, SMO1446, 4886540MO30SM, 4820140-MO30SM, 4820123MO30SM
 Servicing: Mariner, Mercury
 B+ 1/4" UNC, Length 263.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)
 A: 54.80 B: 48.00 mm



110654 Starter 12 V, 0.7 kW
 Replacing: SM48203, SM48202, SM47764, SM10970, SM10790, 4820340MO30SM, 4820340-MO30SM, 4820250-MO30SM
 Servicing: Mercury
 B+ 1/4" UNC, Length 240.00, Drive type Bronze, Gear type DD, Mount. holes 1 (0)
 A: 54.50 B: 46.00 mm



110949 Starter 12 V, 0.6 kW
 Replacing: SM56662, SM18190, SM17705, 5666240MO30SM, 5666240-MO30SM, 5666220MO30SM, 5213140MO30SM
 Servicing: Bobcat, Kohler, Various Agriculture Vehicles
 B+ M6, Length 215.25, Drive type Bronze, Gear type DD, Mount. holes 0 (0)
 A: 63.40 B: 45.80 mm



110999 Starter 24 V
 Replacing: 9G4338
 Servicing: Case, Caterpillar, Fiat-Allis, Peterbilt Trucks, Various, Volvo
 B+ 1/2" UNC, B- 1/2" UNC, Length 499.50, Drive type Steel, Gear type DD, Mount. holes 3 (0), Oil sealed
 Replacing: 42MT.
 A: 92.00 B: 46.50 mm



111012 Starter 12 V, 0.5 kW
 Replacing: SM56666, SM47330, 5666640MO30SM, 5666640-MO30SM, 5666620MO30SM, 4733040MO30SM, 4733040-MO30SM
 Servicing: Kohler, Massey Ferguson
 B+ 1/4" UNC, Length 201.00, Drive type Steel, Gear type DD, Mount. holes 0 (0)
 B: 39.00 mm



111043 Starter 12 V, 0.6 kW
 Replacing: SMO2556, 5705140-MO30SM, 5705120MO30SM, 0255640-MO30SM, 0255625-MO30SM
 Servicing: Evinrude, Johnson
 B+ M6, Length 200.50, Drive type Steel, Gear type DD
 A: 63.30 B: 43.50 mm

STARTERS

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* Available while stock last, * Program development.



112145 Starter 12 V, 0.5 kW
 Replacing: SM56714, SM47690, 5769040-MO30SM, 5671440MO30SM, 5671440-MO30SM, 4769040MO30SM, 4769040-MO30SM
 Servicing: Johnson, OMC
 B+ 1/4" UNF, Length 267.20, Drive type Steel, Gear type GR, Mount. holes 2 (0)



112146 Starter 12 V, 0.6 kW
 Replacing: SM56676, 5667640MO30SM, 5667640-MO30SM
 Servicing: Mercury
 B+ M6, Length 265.50, Drive type Bronze, Gear type DD, Clutch type Dry
 A: 77.00 B: 62.00 mm



112150 Starter 12 V
 Replacing: SM56670, SM52784, SM52397, 6734620MO30SM, 5667040MO30SM, 5667040-MO30SM, 5278440MO30SM
 Servicing: Cub Cadet, Kohler
 B+ 1/4" UNC, Length 202.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 B: 17.00 mm



112157 Starter 12 V
 Replacing: 6858540-MO30SM, 685840MO30SM, 685840, 5249840MO30SM, 5249840-MO30SM
 Servicing: Johnson, OMC
 B+ 1/4" UNC, Length 187.00, Gear type DD, Mount. holes 2 (2)
 A: 36.50 mm



112244 Starter 12 V
 Replacing: SM56669, 6560040, 6560020MO30SM, 5666940MO30SM, 5666940-MO30SM, 5278340MO30SM, 5278340-MO30SM
 Servicing: Johnson
 B+ 1/4" UNC, Length 188.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 B: 17.50 mm



112247 Starter 12 V
 Replacing: SM52160, SM20521, 5216040MO25SM, 5216040-MO30SM, 5216040-MO25SM, 5216020MO25SM
 Servicing: Mercury
 B+ M5, Length 186.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)
 B: 71.00 mm



112546 Starter 12 V, 0.6 kW
 Replacing: 5174740
 Servicing: Cub Cadet, John Deere, Kohler
 B+ M8, Length 205.60, Drive type Steel, Gear type DD, Clutch type Wet, Mount. holes 2 (0)
 A: 63.00 B: 16.90 mm



112826 Starter 12 V
 Replacing: SM56756, 5675640MO30SM, 5675640-MO30SM, 5675620MO30SM
 Servicing: Mercury
 B+ M6, Length 231.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (2)
 B: 33.00 mm



112829 Starter 12 V
 Replacing: SM67675, 6767540MO30SM, 6767540-MO30SM
 Servicing: Mercury
 B+ 1/4" UNC, Length 212.80, Drive type Bronze, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 B: 33.60 mm



112830 Starter 12 V
 Replacing: 6743040MO30SM, 6743040-MO30SM, 6743040
 Servicing: Mariner, Mercury
 B+ M6, Length 231.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 B: 46.00 mm



112831 Starter 12 V, 0.6 kW
 Replacing: SM56664, SM52132, SM21349, 56666420MO30SM, 5666440MO30SM, 5666440-MO30SM, 5666420MO30SM
 Servicing: Cub Cadet, Kohler
 B+ M6, Length 246.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 A: 63.50 B: 41.40 mm



113017 Starter 12 V
 Replacing: 6727040MO30SM, 5667140MO30SM, 5667140-MO30SM
 Servicing: John Deere
 B+ 1/4" UNC, Length 181.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 B: 17.00 mm


113476 Starter 12 V

Replacing: SM60209, 6088420M030SM, 6020940-M020SM

Servicing: Onan

B+ M8, Length 176.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)

A: 70.00 B: 25.50 mm


113594 Starter 12 V, 0.6 kW

Replacing: SM56804, 5680640M030SM, 5680640

Servicing: Audi, Honda

B+ 1/4" UNC, Length 188.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 9.00 mm


113591 Starter 12 V

Replacing: SM67432, 6743240-M030SM

Servicing: Mariner, Mercury, Various Industrial applications

B+ 1/4" UNC, Length 231.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 34.00 mm


113854 Starter 12 V

Replacing: 2009805, 1053720M030SM

Servicing: New Holland

B+ 1/4" UNC, Length 186.00, Drive type Bronze, Gear type PMDD 3/16 Whitworth thread. 4,763 dia.

A: 58.00 B: 23.00 mm


113592 Starter 12 V

Replacing: SM68737, 6873740-M030SM

Servicing: Mariner, Mercury, Various Industrial applications

B+ 1/4" UNC, Length 217.00, Drive type Bronze, Gear type DD, Mount. holes 2 (0)

B: 35.00 mm


113593 Starter 12 V

Replacing: 2-2432-UT

Servicing: Kawasaki

B+ 1/4" UNC, Length 209.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)

STARTERS



110149 Starter 12 V, 0.9 kW
 Replacing: M38382, 1EM0088
 Servicing: Mazda, Mercury
 B+ M8, Length 198.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (2)
 A: 74.00 B: 15.00 mm



110205 Starter 24 V, 6.5 kW
 Replacing: D13E101TE, D13E101
 Servicing: Volvo
 B+ M10, Length 407.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0),
 Waterproof
 A: 89.00 B: 47.50 mm



110245 Starter 12 V, 1.7 kW
 Replacing: TM000A07101, MG120559,
 MG117559, M40237
 Servicing: Kubota, Various Agriculture
 Vehicles
 B+ M8, Length 196.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



110315 Starter 12 V, 0.9 kW
 Replacing: MC109025, MC109018, M39646,
 M37454, M36370, 1EM0081
 Servicing: Dodge, Hyundai, Kia, Mitsubishi,
 Plymouth, Proton
 B+ M8, Length 208.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 18.40 mm



110336 Starter 12 V, 0.75 kW
 Replacing: D9E167, D9E107
 Servicing: Ford, Mercury, Triumph
 B+ M8, 15a M5, Length 243.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 89.00 B: 28.00 mm



110338 Starter 12 V, 0.8 kW
 Replacing: D9E127
 Servicing: Fiat, Lancia, Zastava
 B+ M8, Length 254.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 66.90 B: 12.00 mm



110354 Starter 12 V, 3.1 kW
 Replacing: D9R91
 Servicing: Land Rover
 B+ M8, Length 273.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



110363 Starter 12 V, 0.7 kW
 Replacing: D8E158
 Servicing: BMW, Porsche, VW
 B+ M8, Length 214.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 Bushing D.E. (clutch house): HC-CARGO
 140008.
 A: 76.00 B: 33.00 mm



110365 Starter 12 V, 0.8 kW
 Replacing: D6RA30
 Servicing: Autobianchi, Fiat, Lancia, Seat
 B+ M8, Length 236.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 62.00 B: 12.50 mm



110367 Starter 12 V, 1.0 kW
 Manufacturer: Lucas
 Replacing: D9E34, D9E22, D9E20, D9E12,
 D8E81, D8E75, D8E66, D8E64, D8E60, D8E41,
 D8E21, D8E152, D8E121, 94170X
 Servicing: Dacia, DAF, Renault, Volvo
 B+ M8, Length 200.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 66.00 B: 10.50 mm



110368 Starter 12 V, 2.3 kW
 Replacing: D9R141
 Servicing: Audi, Mercedes-Benz, Volvo
 B+ M10, Length 289.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



110389 Starter 12 V, 2.0 kW
 Replacing: TM000A06901, TM000A06701,
 MG122404, M32909, 1EM0049
 Servicing: Asia Motors, Ford, Kia, Mazda,
 Suzuki
 B+ M8, Length 232.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 88.00 B: 6.00 mm



110394 Starter 12 V, 0.85 kW
 Replacing: D6RA13
 Servicing: Chevrolet, GEO, Suzuki
 B+ M8, Length 207.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.85 B: 4.35 mm



110439 Starter 12 V, 2.0 kW
 Replacing: D11E84, D11E155, D11E141
 Servicing: Buhrer, Compair, Eicher, Massey Ferguson
 B+ M8, Length 309.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 25.00 mm



110479 Starter 12 V, 0.9 kW
 Replacing: MC107023, MC107012, M36873,
 1EM0064
 Servicing: Hyundai, Mitsubishi
 B+ M8, Length 189.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



110512 Starter 24 V, 5.4 kW
 Replacing: D13E81T, D13E81, D13E69T,
 D13E69, D13E63T, D13E63, 076571
 Servicing: Ahlmann, Irmer, Mercedes-Benz,
 Various Agriculture Vehicles
 B+ M10, B- M10, Length 384.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 A: 89.00 B: 48.00 mm



110522 Starter 12 V, 3.0 kW
 Replacing: 455669
 Servicing: Fiat, Fiat-Allis, Iveco, New Holland
 B+ M10, Length 341.00, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 110.00 B: 26.50 mm



110565 Starter 12 V, 2.8 kW
 Replacing: D11E15H, D11E154, D11E137
 Servicing: Eicher, Massey Ferguson
 B+ M8, B- M8, Length 313.00,
 Drive type Steel, Gear type DD,
 Mount. holes 3 (0)
 4 kW: HC-CARGO 115392.
 A: 89.00 B: 29.50 mm



110576 Starter 24 V, 3.2 kW
 Replacing: TM000A06001, MG232415,
 M04501, M000A026
 Servicing: Mitsubishi
 B+ M8, Length 250.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 60.00 B: 18.00 mm



110584 Starter 12 V, 1.2 kW
 Replacing: TS8E2, D7E5, D7E25, D7E23,
 D7E2, D7E16, D6RA572, D6RA571, D6RA57,
 D6RA5, D6RA37, D6RA20, D6RA100
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 Alternative no.: 116306
 B: -6.00 mm



110585 Starter 12 V, 1.2 kW
 Replacing: D9R237, D9E776, D9E774, D9E773,
 D9E772, D9E771, D9E77, D9E761, D9E76,
 D9E72, D9E52, D9E39, D9E276
 Servicing: Renault, Volvo
 B+ M8, Length 214.15, Drive type Steel,
 Gear type DD, Mount. holes 4 (4)
 A: 66.00 B: -2.00 mm



110587 Starter 12 V, 1.2 kW
 Replacing: D9EP119, D9E49, D9E48, D6RA23,
 99680X, 310213V
 Servicing: Citroen, Peugeot
 B+ M8, Length 208.20, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -5.00 mm



110793 Starter 12 V, 0.9 kW
 Replacing: D9E9, D9E27, D8E96, D8E76,
 D8E124, D8E122, D8E104
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 221.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 66.00 B: 22.00 mm



110807 Starter 12 V, 0.85 kW
 Replacing: MC109011, MC108030, MC108027,
 M36505, M04686, M000A0171, 1EM0087
 Servicing: Ford, Kia, Mazda, Opel
 B+ M8, Length 197.25, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 70.00 B: 20.50 mm



110808 Starter 12 V, 0.85 kW
 Replacing: TM000A05501, TM000A03901, TM000A0241, MC109046, MC109039, MC109036, MC109028, MC109021, MC108029
 Servicing: Ford, Kia, Mazda
 B+ M8, Length 190.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)
 A: 74.00 B: 16.00 mm



110809 Starter 12 V, 2.0 kW
 Replacing: TM000A06101, MG122433, MG120906, MG120413, M000A025
 Servicing: Dodge, Hyundai, Mitsubishi, Proton
 B+ M8, Length 241.45, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 3.00 mm



110810 Starter 12 V, 1.4 kW
 Replacing: TM000A05101, TM000A03801, N43169, MP112045, MP112038, M42373
 Servicing: Ford, Kia, Mazda
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Mount. holes 3 (2)
 A: 73.50 B: 16.00 mm



110811 Starter 12 V, 1.2 kW
 Replacing: TM000A04001, MP112040, MG112014, M43007, M43005, 1EM0057
 Servicing: Dodge, Eagle, Great Wall, Hyundai, Kia, Mazda, Mitsubishi, Plymouth
 B+ M8, Length 206.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.25 mm



110818 Starter 12 V, 2.1 kW
 Replacing: D11E78, D11E73, D11E59, D11E35
 Servicing: Case, Fiat-Allis, Massey Ferguson
 B+ M8, 15a 6.30, Length 309.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 24.60 mm



110856 Starter 12 V, 0.6 kW
 Replacing: D9E92, D8E86, D8E74, D8E70, D8E54, D8E131, D8E130, D8E111, D6RA42
 Servicing: Renault
 B+ M8, Length 208.50, Drive type Steel, Gear type DD/GR, Clutch type Dry, Mount. holes 2 (0)
 A: 66.00 B: 21.00 mm



110865 Starter 12 V, 0.95 kW
 Replacing: D9E136
 Servicing: Audi, VW
 B+ M8, Length 220.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (3)
 Bushing D.E. (clutch house): HC-CARGO 140500.
 A: 82.50 B: 15.00 mm



110866 Starter 12 V, 0.9 kW
 Replacing: D9E79, D9E78, D9E68, D9E55, D9E46, D9E278
 Servicing: Renault
 B+ M8, Length 197.65, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (2)
 A: 66.00 B: 10.50 mm



110958 Starter 12 V, 0.9 kW
 Replacing: TM000A37301, TM000A27601, TM000A0191, MC109032, M39378, M39376, M000A0191, M000A01901
 Servicing: Dodge, Eagle, Hyundai, Mitsubishi, Plymouth
 B+ M8, Length 191.50, Drive type Steel, Gear type DD/GR, Mount. holes 2 (2)
 A: 77.00 B: 10.80 mm



111015 Starter 12 V, 1.1 kW
 Replacing: D6RA52, D6RA22
 Servicing: Lombardini, Various Agriculture Vehicles
 B+ M8, Length 216.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (0)
 A: 76.20 B: 15.00 mm



111025 Starter 12 V, 0.8 kW
 Replacing: D6RA39
 Servicing: Autobianchi, Fiat, Lancia
 B+ M8, Length 209.00, Drive type Steel, Gear type DD/GR, Mount. holes 3 (2)
 A: 64.00 B: 11.00 mm



111029 Starter 12 V, 1.4 kW
 Replacing: D7R45, D7R3, D7R151, D7R15, D7R11, D7R1
 Servicing: Citroen, Nissan, Peugeot, Rover
 B+ M8, Length 207.00, Drive type Steel, Gear type GR, Mount. holes 3 (1)
 A: 62.00 B: -5.00 mm



111047 Starter 12 V, 3.1 kW
 Replacing: D9R144, D9R116, D11E167T, D11E167
 Servicing: Volvo, Volvo Penta
 B+ M8, B- M8, Length 303.50,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.70 mm



111066 Starter 12 V, 1.05 kW
 Replacing: D9E62, D9E61, D9E54, D9E36,
 94612K, 310023W
 Servicing: Citroen, Fiat, Peugeot, Talbot
 B+ M8, Length 197.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 65.90 B: 21.00 mm



111103 Starter 12 V, 0.8 kW
 Manufacturer: Lucas
 Replacing: VS109
 Servicing: Hillman, MG, Morris, Triumph,
 Various Agriculture Vehicles, Vauxhall
 B+ M8, Length 321.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 A: 88.80 B: 60.35 mm



111059 Starter 12 V, 0.9 kW
 Replacing: D9E140
 Servicing: Seat, VW
 B+ M8, 15a 6.30, Length 230.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 Bushing D.E. (clutch house): HC-CARGO 140008.
 A: 76.00 B: 33.00 mm



111068 Starter 12 V, 0.85 kW
 Replacing: D9E75, D9E64, D9E53
 Servicing: Citroen, Peugeot, Talbot
 B+ M8, Length 212.25, Drive type Steel,
 Gear type DD, Mount. holes 3 (3)
 A: 65.85 B: 15.65 mm



111115 Starter 12 V, 2.2 kW
 Replacing: D9R90
 Servicing: Citroen, Peugeot, Talbot
 B+ M8, Length 285.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 82.00 B: 29.00 mm



111063 Starter 12 V, 1.2 kW
 Replacing: D9E852, D9E851, D9E85, D9E702,
 D9E701, D9E70
 Servicing: Citroen, Peugeot, Renault
 B+ M8, Length 208.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (3)
 A: 66.00 B: -6.00 mm



111070 Starter 12 V, 1.7 kW
 Replacing: D9R84, D9R121, D7R8, D7R32,
 D7R27, D7R20, D7R127, D7R12, 185994,
 185625, 184643, 182604
 Servicing: Citroen, Fiat, Hyundai, Lancia,
 Peugeot, Suzuki, Talbot
 B+ M8, Length 230.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 66.00 B: -6.50 mm



111123 Starter 12 V, 0.9 kW
 Replacing: D7EP12, D6RA93, D6RA62, D6RA32,
 D6RA293, D6RA249, D6RA163, D6RA162, D6RA132
 Servicing: Chevrolet, Daewoo, Fiat, Opel,
 Vauxhall
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 67.95 B: 18.55 mm



111065 Starter 12 V, 2.2 kW
 Replacing: D9RP160, D9R119
 Servicing: Daewoo, Mercedes-Benz,
 Ssangyong
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.30 B: 26.50 mm



111100 Starter 12 V, 0.7 kW
 Replacing: D9E93, D8E99, D8E148, D8E116,
 D6RA431, D6RA43
 Servicing: Citroen
 B+ M8, Length 207.75, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 65.60 B: 19.80 mm



111127 Starter 12 V, 1.4 kW
 Replacing: D6RA48
 Servicing: Opel, Pontiac, Vauxhall
 B+ M8, Length 183.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Replacing: PG100.
 A: 68.00 B: 18.00 mm

STARTERS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



111130 Starter 12 V, 1.1 kW
 Replacing: D6RA8, D6RA661, D6RA66, D6RA38, D6RA18, D6RA161, D6RA16, D6RA109, 186887, 186269, 184470, 184413
 Servicing: Citroen, Fiat, Lancia, Peugeot
 B+ M8, Length 208.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (3)
 A: 65.90 B: -5.00 mm



111231 Starter 24 V, 6.6 kW
 Replacing: FS60PR110, D13HP705, D13HP703, D13E123TE, D13E123T, D13E1231TE, D13E123, D13E121TE, D13E119TE
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 405.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 40.25 mm



111241 Starter 12 V, 1.2 kW
 Replacing: TM000A19301, TM000A04101, MP112041, MG112022, M43006
 Servicing: Dodge, Hyundai, Kia, Mitsubishi
 B+ M8, Length 207.80, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 73.00 B: 17.00 mm



111251 Starter 12 V, 1.1 kW
 Replacing: D6RA73, D6RA61, D6RA6, D6RA56, D6RA46, D6RA33, D6RA133, 187153, 185547
 Servicing: Renault, Volvo
 B+ M8, Length 208.20, Drive type Steel, Gear type GR, Mount. holes 4 (4)
 Short version HC-CARGO 115442.
 A: 66.00 B: -2.00 mm



111307 Starter 12 V, 1.2 kW
 Replacing: TM000A08401, S000V1196228, MP112056, M53486, M53436, D6RA78, 1250301, 1250299
 Servicing: Hyundai, Kia
 B+ M8, Length 212.00, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



111332 Starter 12 V, 2.7 kW
 Replacing: D11E158, D11E131, D11E120
 Servicing: Fendt, Renault Agriculture
 B+ M8, Length 293.55, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 89.00 B: 21.00 mm



111334 Starter 12 V, 1.2 kW
 Replacing: D6RA7, D6RA15
 Servicing: BMW
 B+ M8, Length 213.50, Drive type Steel, Gear type GR, Mount. holes 2 (2)
 A: 62.00 B: 27.80 mm



111335 Starter 12 V, 1.1 kW
 Replacing: D6RA75, D6RA55
 Servicing: BMW
 B+ M8, Length 218.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 B: 14.30 mm



111347 Starter 12 V, 1.2 kW
 Replacing: D6RA68, D6RA168
 Servicing: Daewoo, Mercedes-Benz, Ssangyong, VW
 B+ M8, Length 219.80, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 A: 82.50 B: 25.00 mm



111398 Starter 12 V, 1.2 kW
 Manufacturer: Mahle Letrika
 Replacing: D9E51
 Servicing: BUKH
 B+ M8, Length 215.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 OE unit has an opening on opposite side. HC-CARGO 111398 should be mounted "upside down" (Solenoid downward).
 A: 82.00 B: 21.00 mm



111404 Starter 12 V, 1.1 kW
 Replacing: D6RA40, D6RA11
 Servicing: Volvo Penta
 B+ M8, Length 224.00, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 2 (2)
 Valeo D6RA11 is insulated which HC-CARGO 111404 is NOT!
 A: 82.45 B: 35.00 mm



111422 Starter 12 V, 0.8 kW
 Replacing: D6RA59
 Servicing: Fiat, Lancia
 B+ M8, Length 206.00, Drive type Steel, Gear type DD, Mount. holes 3 (1)
 A: 64.00 B: 11.50 mm



111442 Starter 12 V, 1.4 kW
 Replacing: D7RSA7, D7RSA2, D7RS7, D7RS1
 Servicing: Acura, Honda, Rover
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



111476 Starter 12 V, 2.0 kW
 Replacing: TM000A14901, MG120445,
 HK988300
 Servicing: Hyundai, Kia, Mitsubishi
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 10.00 mm



111508 Starter 12 V, 1.2 kW
 Replacing: D6RA76
 Servicing: Mitsubishi
 B+ M8, Length 207.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 71.00 B: 3.50 mm



111565 Starter 12 V, 2.2 kW
 Replacing: TM000A18601, MG122202,
 HQ808670
 Servicing: Hyundai, Kia, Mitsubishi
 B+ M8, Length 239.25, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 77.30 B: 9.00 mm



111619 Starter 12 V, 1.7 kW
 Replacing: D7R42
 Servicing: Fiat, Seat
 B+ M8, Length 263.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 82.50 B: 23.00 mm



111641 Starter 12 V, 0.7 kW
 Replacing: TS8E1, D7E1
 Servicing: Nissan, Renault
 B+ M8, Length 195.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 0.50 mm



111694 Starter 12 V, 1.8 kW
 Replacing: D7R33
 Servicing: Audi, Ferrari, Seat, Skoda, VW
 B+ M8, Length 270.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 16.00 mm



111768* Starter 12 V, 1.7 kW
 Replacing: D7R36, D7G20, D7G14
 Servicing: Maybach, Mercedes-Benz
 B+ M8, Length 256.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 60.00 B: 25.00 mm



111786 Starter 12 V, 1.7 kW
 Replacing: TM000A24301
 Servicing: Mercruiser, Mercury, OMC
 B+ M8, 15a M5, Length 246.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (0)
 Alternative no.: 115985
 B: 18.30 mm



111848 Starter 12 V, 1.0 kW
 Replacing: D6RA92
 Servicing: Chevrolet, Citroen, Daewoo,
 Holden, Isuzu, Opel, Peugeot, Vauxhall
 B+ M8, Length 215.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 82.50 B: 19.00 mm



111849 Starter 12 V, 0.8 kW
 Replacing: TM000A35301, TM000A23501
 Servicing: Chevrolet, Daewoo, Suzuki
 B+ M8, Length 184.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 75.00 B: 6.50 mm



111851 Starter 12 V, 2.0 kW
 Replacing: TM000A15701, D7R46, D7R43,
 D7R28, D7R19
 Servicing: Mercedes-Benz
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 82.50 B: 25.50 mm

STARTERS

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* Available while stock last, * Program development.



111900 Starter 12 V, 1.8 kW
 Replacing: D7RS301, D7RS30
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503 **5***
 A: 76.00 B: 53.00 mm



111906 Starter 12 V, 1.1 kW
 Replacing: TS12E10
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 26.35 mm



111909 Starter 12 V, 1.1 kW
 Replacing: D7ES5, D7ES1, 190396
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 212.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115504 **5***
 A: 76.25 B: 32.00 mm



111912 Starter 12 V, 2.2 kW
 Replacing: TM000A36001, TM000A30801
 Servicing: Hyundai, Mitsubishi, Proton
 B+ M8, Length 228.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 76.90 B: 2.50 mm



111931 Starter 12 V, 1.1 kW
 Replacing: D7E8, D7E4, D7E38, D7E18,
 D6RAP229, D6RA83, D6G5
 Servicing: Mercedes-Benz
 B+ M8, Length 212.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 2 (0)
 A: 70.00 B: 15.00 mm



111994 Starter 12 V, 0.7 kW
 Replacing: D7E71, D7E7
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 178.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 B: -5.00 mm



111996 Starter 12 V, 2.2 kW
 Replacing: D7R61
 Servicing: Iveco
 B+ M8, Length 274.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
 A: 110.00 B: 27.00 mm



112005 Starter 12 V, 1.1 kW
 Replacing: 817209
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



112010 Starter 12 V
 Replacing: 817077
 Servicing: Kawasaki, Polaris, Sea Doo
 B+ M6, Length 188.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)
 A: 30.00 mm



112014 Starter 12 V, 2.0 kW
 Replacing: 817521
 Servicing: VW
 B+ M8, Length 237.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 21.00 mm



112026 Starter 12 V, 2.6 kW
 Replacing: 817090
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 276.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 81.50 B: 23.00 mm



112034 Starter 12 V, 1.7 kW
 Replacing: 817515
 Servicing: ACME, Arona, BCS, Ferrari,
 Goldoni, Hatz, Lombardini, Mosa, Ruggnerini
 B+ M8, Length 233.30, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 27.00 mm



112039 Starter 12 V, 2.7 kW
 Replacing: 817680
 Servicing: Fendt, Jenbacher Werke, KHD, Lombardini
 B+ M10, Length 298.00, Drive type Steel, Gear type DD, Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



112053 Starter 12 V, 2.2 kW
 Replacing: D7R57, 817102
 Servicing: Citroen, Peugeot
 B+ M8, Length 272.50, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 A: 74.00 B: -6.00 mm



112214 Starter 12 V, 1.6 kW
 Replacing: D7RSA5, D7RSA4, D7RSA11, D7RSA10
 Servicing: Honda, Rover
 B+ M8, Length 210.00, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 40.00 mm



112040 5★ Starter 12 V, 1.5 kW
 Manufacturer: Bosch
 Replacing: 817220
 Servicing: Hatz
 B+ M8, Length 272.50, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 2 (0)
 Alternative no.: 116333
 A: 82.50 B: 40.50 mm



112055 5★ Starter 24 V, 5.2 kW
 Manufacturer: Bosch
 Replacing: 817104
 Servicing: DAF
 B+ M10, Length 340.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 Alternative no.: 116346
 A: 110.00 B: 48.00 mm



112217 Starter 12 V, 1.0 kW
 Replacing: D6RA80, D6RA67, D6RA167
 Servicing: Honda, Rover
 B+ M8, Length 226.50, Drive type Steel, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 33.50 mm



112041 Starter 12 V, 2.2 kW
 Replacing: 817518
 Servicing: KHD, Various Agriculture Vehicles
 B+ M10, Length 293.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 82.50 B: 23.00 mm



112074 Starter 12 V, 3.1 kW
 Replacing: 817510
 Servicing: Ford, New Holland
 B+ M8, Length 329.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 21.00 mm



112218 Starter 12 V, 1.0 kW
 Replacing: TS10E5, TS10E4, D7E6, D7E26, D7E22, D7E19, 105119C
 Servicing: Renault
 B+ M8, Length 168.25, Drive type Steel, Gear type GR, Clutch type Dry, Mount. holes 3 (3)
 B: -1.00 mm



112052 Starter 12 V, 2.2 kW
 Replacing: 817101
 Servicing: VW
 B+ M8, Length 294.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 52.00 mm



112116 Starter 24 V, 6.6 kW
 Replacing: FS60PR171
 Servicing: Volvo
 B+ M12, B- M12, Length 407.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)
 A: 92.00 B: 47.00 mm



112224 Starter 24 V, 6.7 kW
 Replacing: D13HP601
 Servicing: Scania
 B+ M12, Length 428.00, Drive type Steel, Gear type DD, Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



112239 Starter 12 V, 1.4 kW
 Replacing: 817682
 Servicing: Mercruiser
 B+ M8, 15a M5, Length 232.00,
 Drive type Steel, Gear type GR,
 Mount. holes 2 (0)
 Replacing: PG260f1, -G.
 A: 67.90 B: 18.00 mm



112251 Starter 12 V, 2.3 kW
 Replacing: D7R70
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112286 Starter 12 V, 1.7 kW
 Replacing: D7RS29, D7RS129
 Servicing: Audi, Ford, Mercedes-Benz, Seat,
 Skoda, VW
 B+ M8, Length 236.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.10 B: 32.00 mm



112290 Starter 12 V, 2.2 kW
 Replacing: VS456, D7R64, 626614, 578147
 Servicing: Ford, Mazda
 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



112295 Starter 12 V, 1.7 kW
 Replacing: D9RP256, D9R112, D7R5, D7R35,
 D7R25, D7R18, D7R13, D6RA112, D10E922,
 D10E921, D10E92, D10E85
 Servicing: Mitsubishi, Renault, Volvo
 B+ M8, Length 265.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -0.50 mm



112322 Starter 12 V, 0.8 kW
 Replacing: TM000A37001, TM000A31001,
 M56290, 1195248
 Servicing: Hyundai, Kia
 B+ M8, Length 187.50, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (2)
 A: 75.00 B: 14.00 mm



112340 Starter 12 V, 1.4 kW
 Replacing: VS358
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 4.00 mm



112342 Starter 24 V, 5.5 kW
 Replacing: MG255301, M34466, M000A0271
 Servicing: Hyundai, Mitsubishi
 B+ M10, Length 368.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 100.00 B: 68.00 mm



112429 Starter 12 V, 2.0 kW
 Replacing: D7RS50, D7RS150
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.20 B: 62.00 mm



112440 Starter 12 V, 2.2 kW
 Replacing: D9R149, D7RP123, D7R281
 Servicing: Mercedes-Benz, Ssangyong
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.50 B: 26.00 mm



112474 Starter 12 V, 1.8 kW
 Replacing: D7R49, D7R48, D7R47, D7R44
 Servicing: Mitsubishi, Nissan, Opel, Renault,
 Suzuki, Vauxhall, Volvo
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 4 (3)
 B: -2.00 mm



112475 Starter 12 V, 2.1 kW
 Replacing: D7RP204, D7R56, D7R53, D7R34,
 D7G11
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 3 (2)
 B: -6.00 mm



10,12


112541 Starter 12 V, 2.2 kW

Replacing: D11E272, D11E172

Servicing: Fiat, Jeep, Renault

 B+ M8, Length 273.00, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (1)

A: 77.00 B: -4.00 mm



11


113129 Starter 24 V, 4.5 kW

 Replacing: TM000A08701, MG250302,
 M24798, M24698, M000A0291

Servicing: Mitsubishi

 B+ M10, Length 290.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)

A: 110.00 B: 64.50 mm



8


113267 Starter 12 V, 0.7 kW

Replacing: TS8E4, D7E41, D7E31

Servicing: Nissan

 B+ M8, Length 185.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (1)

A: 69.90 B: 12.00 mm



11


112651 Starter 24 V, 4.8 kW

Manufacturer: Mahle Letrika

Replacing: D11E149, 94955E

Servicing: Bosch, KHD

 B+ M10, Length 351.50, Drive type Steel,
 Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



9


113134 Starter 12 V, 2.2 kW

Replacing: D7R41, 573387

 Servicing: Opel, Renault, Renault V.I.,
 Vauxhall

 B+ M8, Length 272.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 109.70 B: 27.00 mm



10


113269 Starter 12 V, 3.0 kW

Manufacturer: Magneton

Replacing: D11E93, D11E146, D11E118

 Servicing: Atlas Copco, Barber Greene,
 Benford, Case, Daewoo, Matbro, Perkins,
 Thwaites

 B+ M10, Length 234.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 31.50 mm



8


113020 Starter 12 V, 1.2 kW

Replacing: TM000A14401, M62957, 1195923

Servicing: Hyundai, Kia

 B+ M8, Length 216.50, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (2)

A: 70.00 B: 10.00 mm



9


113141 Starter 12 V, 0.8 kW

Replacing: TM000A21901

Servicing: Mitsubishi, New Holland, Onan

 B+ M8, Length 210.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)

A: 73.90 B: 29.50 mm



9


113307 Starter 12 V, 1.2 kW

Manufacturer: Valeo

 Replacing: D9E50, D6RA54, D6RA50, D6RA34,
 D6RA29, D6RA19, 186625

Servicing: BUKH, Lombardini

 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)

A: 76.10 B: 27.00 mm



8


113040 Starter 12 V, 0.9 kW

Replacing: 458522

Servicing: Mitsubishi

 B+ M8, Length 190.50, Drive type Steel,
 Gear type DD/GR, Clutch type Wet,
 Mount. holes 2 (2)

A: 76.90 B: 10.00 mm



11,12


113254 Starter 12 V, 1.4 kW

Replacing: TS14E110, TS14-62, D6RA110

Servicing: Citroen, DS, Fiat, Peugeot, Toyota

 B+ M8, Length 206.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 4 (2)

A: 62.00 B: 14.00 mm



10


113387 Starter 12 V, 2.0 kW

Replacing: D7RS31, D7RS131

Servicing: Seat, VW

 B+ M8, Length 238.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)

A: 76.00 B: 54.00 mm

STARTERS

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113443 Starter 12 V, 1.4 kW
 Replacing: D6RA190
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 240.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 62.10 B: -5.00 mm



113445 Starter 12 V, 2.2 kW
 Replacing: TM000A36101, TM000A34101
 Servicing: Hyundai, Mitsubishi
 B+ M8, Length 239.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 9.00 mm



113456 Starter 24 V, 6.0 kW
 Replacing: TM000A0301, M000A0301
 Servicing: Daewoo
 B+ M10, Length 386.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 w/ safety switch.
 A: 89.00 B: 49.00 mm



113465 Starter 12 V, 3.0 kW
 Replacing: D11E119T, D11E119, D11E104
 Servicing: Renault V.I.
 B+ M10, Length 338.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.75 B: 21.50 mm



113466 Starter 24 V, 4.0 kW
 Replacing: D11E99, D11E122T, D11E122,
 76517, 076517
 Servicing: Renault V.I.
 B+ M10, Length 316.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (0)
 A: 88.90 B: 22.00 mm



113478 Starter 12 V, 2.8 kW
 Manufacturer: Lucas
 Replacing: D7R14, 187031
 Servicing: Atlas Copco, John Deere
 B+ M10, Length 303.50, Drive type Steel,
 Gear type DD/GR, Clutch type Dry,
 Mount. holes 2 (0), Oil sealed
 Alternative HC-CARGO 116379.
 A: 82.50 B: 35.00 mm



113481 Starter 12 V, 1.4 kW
 Replacing: D6RA104, D6RA101
 Servicing: Opel, Renault, Suzuki, Vauxhall
 B+ M8, Length 231.00, Drive type Steel,
 Gear type GR, Mount. holes 4 (4)
 A: 65.90 B: -1.00 mm



113521 Starter 12 V, 1.2 kW
 Replacing: TM000A13901, M60082, M60062
 Servicing: Hyundai, Kia
 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



113605 Starter 12 V, 1.1 kW
 Manufacturer: Bosch
 Replacing: D6RA63
 Servicing: Renault, Volvo
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 66.00 B: -1.70 mm



113609 Starter 24 V, 6.2 kW
 Replacing: FS60PR006
 Servicing: Mercedes-Benz
 B+ M12, 15a M6S, Length 391.00,
 Drive type Steel, Gear type DD/GR,
 Clutch type Dry, Mount. holes 3 (0)
 A: 92.00 B: 48.00 mm



113638 Starter 12 V, 1.4 kW
 Replacing: TM000A13701, M60081
 Servicing: Chrysler, Hyundai, Kia, Mitsubishi
 B+ M8, Length 194.50, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 77.00 B: 10.50 mm



113659 Starter 12 V, 0.9 kW
 Replacing: TM000A37201, TM000A27301,
 1250955
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 77.00 B: 18.00 mm



113676 Starter 24 V, 5.5 kW
 Replacing: MF250671
 Servicing: Renault V.I.
 B+ M10, B- M10, Length 350.50,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115883 **5★**
 A: 89.00 B: 40.00 mm



113719 Starter 12 V, 1.3 kW
 Replacing: D6G321, D6G32, D6G1
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 115869 **5★**
 A: 63.90 B: 24.00 mm



113727 Starter 12 V, 2.7 kW
 Replacing: TM000A28901
 Servicing: Bobcat
 B+ M10, 15a M5, Length 286.00,
 Drive type Steel, Gear type GR,
 Mount. holes 3 (0)
 A: 88.50 B: 46.50 mm



113745 Starter 12 V, 1.4 kW
 Replacing: VS371, 458545
 Servicing: Jaguar
 B+ M8, 15a M4, Length 267.00,
 Drive type Steel, Gear type GR,
 Clutch type Dry, Mount. holes 2 (1)
 A: 89.00 B: 26.70 mm



113756 **5★** Starter 12 V, 0.8 kW
 Manufacturer: Valeo
 Replacing: D7ED281, D7ED28
 Servicing: Mercedes-Benz
 B+ M8, Length 176.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
 Alternative no.: 116303
 A: 70.00 B: 15.00 mm



113773 Starter 12 V, 1.1 kW
 Replacing: D6GS14M, D6GS14
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.15 B: 62.00 mm



113796 Starter 12 V, 1.7 kW
 Replacing: TM000A31201
 Servicing: Hyundai
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (2)
 A: 82.40 B: 24.00 mm



113797 Starter 12 V, 1.7 kW
 Replacing: TM000A33401, 1250295, 1195925
 Servicing: Hyundai, Kia, Nissan
 B+ M8, Length 223.40, Drive type Steel,
 Gear type DD, Mount. holes 2 (2)
 A: 76.95 B: 16.85 mm



113841 Starter 12 V, 1.7 kW
 Replacing: TS18ER123, TS18E3, D7GS10, 458390
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 242.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 A: 76.10 B: 62.00 mm



113842 Starter 12 V, 1.7 kW
 Replacing: TS18E1, D7GS8, 191335
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 234.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115508 **5★**
 A: 76.20 B: 52.50 mm



113843 Starter 12 V, 1.1 kW
 Replacing: D6G332, D6G33
 Servicing: Fiat, Lancia, Opel, Suzuki, Vauxhall
 B+ M8, Length 199.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (1)
 A: 64.00 B: 24.25 mm



113897 Starter 12 V, 1.4 kW
 Replacing: TS12E9
 Servicing: Dacia, Nissan, Renault, Suzuki
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 62.90 B: -0.07 mm

STARTERS

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113905 Starter 12 V, 1.4 kW
 Replacing: TS14E11
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 116159
 B: 13.00 mm



113926 Starter 12 V, 1.9 kW
 Replacing: D8R29, D8R27
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 237.00, Gear type GR,
 Mount. holes 3 (3)
 B: -5.00 mm



113929 Starter 12 V, 1.2 kW
 Replacing: D6RA115, D6RA105
 Servicing: Renault
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 3 (3)
 B: -1.00 mm



113932 Starter 12 V, 0.85 kW
 Replacing: TS10E3, FS10E3, D7E47, D7E27
 Servicing: Dacia, Nissan, Renault
 B+ M8x1.25, Length 168.00,
 Gear type DD, Mount. holes 3 (3)
 B: -3.00 mm



113933 Starter 12 V, 1.5 kW
 Replacing: TS18E13, D7G3, 190895
 Servicing: Citroen, DS, Mini, Peugeot, Toyota
 B+ M8, Length 220.00, Drive type Steel,
 Gear type GR, Mount. holes 4 (2)
 A: 62.00 B: 14.00 mm



113934 Starter 24 V, 5.5 kW
 Replacing: S635329A, FS60PR019
 Servicing: Bova, DAF, Solaris
 B+ M10, Length 321.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 110.00 B: 48.00 mm



113937 Starter 12 V, 2.2 kW
 Replacing: TM000V23601, TM000A23601,
 1250128
 Servicing: Hyundai, Kia
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (2)
 A: 78.00 B: 19.00 mm



113959 Starter 12 V, 2.0 kW
 Replacing: D7R71
 Servicing: Citroen, Fiat, Ford, Land Rover,
 Peugeot
 B+ M8, Length 261.50, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115510
 A: 89.00 B: 36.00 mm



113962 Starter 12 V, 0.9 kW
 Replacing: D7E52
 Servicing: Abarth, Alfa Romeo, Fiat, Ford,
 Lancia
 B+ M8, Length 169.60, Gear type DD/GR,
 Mount. holes 2 (1)
 A: 64.10 B: 10.00 mm



113963 Starter 12 V, 1.1 kW
 Replacing: TS10E11, TS10E1
 Servicing: Citroen, Peugeot, Toyota
 B+ M8, Length 168.40, Gear type DD/GR,
 Mount. holes 2 (1)
 A: 74.00 B: 25.00 mm



113974 Starter 12 V, 1.1 kW
 Replacing: D6RA210, D6RA21
 Servicing: Moto Guzzi
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 A: 62.00 B: 9.45 mm



114029 Starter 12 V, 1.8 kW
 Replacing: TS18E331, TS18E33
 Servicing: Opel, Vauxhall
 B+ M8, Length 215.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 A: 64.00 B: 23.10 mm



114030 Starter 12 V, 2.2 kW
 Replacing: TS22E26, D7G26
 Servicing: Citroen, DS, Peugeot
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 4 (2)
 B: 13.50 mm



114034 Starter 12 V, 1.0 kW
 Replacing: TS10E26, D6GS12M, D6GS12
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 52.50 mm



114035 Starter 12 V, 1.3 kW
 Replacing: D6RA188, D6RA187, D6RA138,
 D6RA137
 Servicing: Fiat, Lancia
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (2)
 B: 10.00 mm



114073 Starter 24 V, 5.5 kW
 Replacing: FS60PR020
 Servicing: Bova, DAF, Minelli, Solaris
 B+ M10, Length 319.00, Drive type Steel,
 Gear type DD/GR, Mount. holes 3 (0)
 w/ safety switch.
 Alternative no.: 115511
 A: 110.00 B: 47.00 mm



114074 Starter 12 V, 2.2 kW
 Replacing: TS22E9, TS22E8, TS22E5B,
 TS22E5, TS2232
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 215.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.50 B: 13.50 mm



114095 Starter 12 V, 0.85 kW
 Replacing: TS8E6, D7E39
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 170.00, Drive type Steel,
 Gear type DD, Clutch type Dry,
 Mount. holes 2 (1)
 A: 62.50 B: -1.00 mm



114100 Starter 24 V, 7.5 kW
 Replacing: D13HP709, D13HP613
 Servicing: Renault V.I.
 B+ M12, Length 380.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 115893
 A: 92.00 B: 47.00 mm



114127 Starter 12 V, 1.6 kW
 Manufacturer: Valeo
 Replacing: D7G4
 Servicing: BMW
 B+ M8, 30h M5, Length 220.00,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 116160
 A: 74.00 B: 20.50 mm



114161 Starter 12 V, 2.4 kW
 Replacing: D8R1
 Servicing: Renault
 B+ M8, Length 239.00, Gear type GR,
 Mount. holes 3 (2)
 B: -7.00 mm



114163 Starter 12 V, 1.1 kW
 Replacing: TS12MR11, D6GS11M, D6GS11
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 204.50, Gear type GR,
 Mount. holes 3 (0)
 A: 76.00 B: 53.00 mm



114171 Starter 12 V, 1.7 kW
 Manufacturer: Valeo
 Replacing: D7GS9
 Servicing: Audi, VW
 B+ M8, Length 211.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116338
 A: 82.00 B: 3.00 mm



114175 Starter 12 V, 1.1 kW
 Replacing: TS12E1
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 223.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 76.00 B: 56.00 mm



114176 Starter 12 V, 1.0 kW
 Replacing: D6GS13M, D6GS13
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 213.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 52.00 mm



114198 Starter 12 V, 1.3 kW
 Manufacturer: Valeo
 Replacing: D6RA108
 Servicing: BMW
 B+ M8, Length 211.50, Gear type GR,
 Mount. holes 3 (2)
 A: 76.00 B: 21.00 mm



114199 Starter 12 V, 0.7 kW
 Replacing: TS8E5, TS8E3, D7E42, D7E40,
 D7E32, D7E30
 Servicing: Nissan, Renault
 B+ M8x1.25, Length 166.00,
 Gear type DD, Mount. holes 2 (1)
 A: 70.00 B: 11.00 mm



114265 Starter 12 V, 2.7 kW
 Replacing: D11E75
 Servicing: VM (Stabilimenti Mec)
 B+ M10, Length 295.00,
 Mount. holes 2 (0)
 A: 82.50 B: 21.50 mm



114270 Starter 12 V, 2.2 kW
 Replacing: TM000A34001
 Servicing: Ssangyong
 B+ M8, Length 253.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 25.00 mm



114299 Starter 12 V, 1.7 kW
 Replacing: TS18ER121, 458389, 438225
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 232.00, Gear type GR,
 Mount. holes 3 (0)
 A: 76.20 B: 53.00 mm



114443 Starter 12 V, 0.9 kW
 Replacing: 1204960, 1201942, 1195239
 Servicing: Hyundai, Kia
 B+ M8, Length 174.50, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 21.00 mm



114460 Starter 12 V, 1.4 kW
 Replacing: D7R4, D7R26, D7R24, D7R2
 Servicing: Citroen, Fiat, Hyundai, Lancia,
 Mitsubishi, Peugeot
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (3)
 B: -4.00 mm



114525 Starter 12 V, 1.3 kW
 Manufacturer: Valeo
 Replacing: D6RADP359, D6RAD183
 Servicing: Mercedes-Benz
 B+ M8, Length 211.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 116351
 A: 70.00 B: 15.00 mm



114719 Starter 12 V, 1.2 kW
 Manufacturer: Valeo
 Replacing: D6RA17
 Servicing: Ruggerini
 B+ M8, Length 217.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 A: 76.00 B: 28.00 mm



114760 Starter 12 V, 0.8 kW
 Replacing: 1250902
 Servicing: Hyundai, Kia
 B+ M8, Length 186.50, Gear type DD,
 Mount. holes 2 (2)
 A: 75.00 B: 14.50 mm



114762 Starter 12 V, 2.2 kW
 Replacing: MG122423
 Servicing: Kia
 B+ M8, Length 283.00, Gear type GR,
 Mount. holes 3 (0)
 A: 88.00 B: 44.50 mm



12



114778 Starter 12 V, 2.0 kW
 Replacing: 1250449
 Servicing: Hyundai, Kia
 B+ M8, Length 223.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 25.00 mm



8



114820 Starter 12 V, 1.2 kW
 Replacing: TM000A38001, 1195921
 Servicing: Hyundai, Kia
 B+ M8, Length 194.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



8



114821 Starter 12 V, 0.9 kW
 Manufacturer: Valeo
 Replacing: JM000A15001
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type DD,
 Mount. holes 2 (2)
 A: 75.00 B: 15.00 mm



11



114854 Starter 12 V, 2.5 kW
 Replacing: D8R28
 Servicing: Citroen, DS, Fiat, Lancia,
 Mitsubishi, Peugeot, VW
 B+ M8, Length 238.00, Gear type GR,
 Mount. holes 5 (5)
 B: -5.00 mm



12



114872 Starter 24 V, 5.5 kW
 Replacing: FS60PR172
 Servicing: Renault V.I., Volvo
 B+ M10, B- M10, Length 344.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 115875
 A: 92.00 B: 46.00 mm



10



114878 Starter 12 V, 2.2 kW
 Replacing: D7G22, D7G18
 Servicing: Chrysler, Jeep
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 27.00 mm



8



114885 Starter 12 V, 0.9 kW
 Replacing: TM000A18001, MC109015, M35216
 Servicing: Kia
 B+ M8, Length 184.00, Gear type DD,
 Mount. holes 3 (2)
 A: 74.00 B: 12.50 mm



8



114892 Starter 12 V, 0.9 kW
 Replacing: S0001250303, 1250303
 Servicing: Hyundai, Kia
 B+ M8, Length 185.30, Gear type DD,
 Mount. holes 2 (2)
 A: 77.00 B: 21.00 mm



13



115336 Starter 12 V, 2.2 kW
 Replacing: ESW20ER121
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 252.00, Gear type GR,
 Mount. holes 3 (0)
 A: 79.00 B: 52.00 mm



10



115354 Starter 12 V, 1.3 kW
 Replacing: D6RAP404, D6RA70, D6RA107
 Servicing: Citroen, Lancia, Peugeot, Renault
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 3 (0)
 B: 13.50 mm



12



115376 Starter 12 V, 1.8 kW
 Replacing: TS18ER20
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 62.00 mm



115390 starter 12 V, 1.2 kW
 Replacing: 1201973, 1197908
 Servicing: Hyundai, Kia
 Mount. holes 2 (2)



115402 Starter 12 V, 1.8 kW
 Replacing: RSW20R13, RSW20R-13, ESW20ER123HE, ESW20ER123
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 248.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115403 Starter 12 V, 2.2 kW
 Manufacturer: Valeo
 Replacing: D7R51
 Servicing: Still
 B+ M8, Length 239.50, Gear type GR, Mount. holes 2 (0)
 A: 82.50 B: 26.00 mm



115426 Starter 12 V, 1.0 kW
 Replacing: FS10M3, 1196052A
 Servicing: Nissan
 B+ M8, Length 170.00, Gear type DD, Mount. holes 2 (2)
 B: 21.00 mm



115442 Starter 12 V, 0.8 kW
 Replacing: D7E20, D7E15
 Servicing: Dacia, Nissan, Renault
 B+ M8, Length 170.50, Gear type DD, Mount. holes 3 (3)
 A: 66.00 B: -1.00 mm



115522 Starter 12 V, 0.7 kW
 Replacing: D7E29
 Servicing: Nissan
 B+ M8, Length 168.00, Gear type DD, Mount. holes 2 (1)
 A: 70.00 B: 6.50 mm



115539 Starter 12 V, 2.0 kW
 Manufacturer: Valeo
 Replacing: RSW20R10, RSW20R-10, ESW20ER25HE, ESW20ER25
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 Alternative no.: 116156
 A: 79.00 B: 42.00 mm



115554 Starter 12 V, 1.0 kW
 Replacing: D6RA91
 Servicing: Honda
 B+ M8, Length 234.50, Gear type GR, Mount. holes 2 (0)
 A: 75.00 B: 32.00 mm



115555 Starter 12 V, 1.0 kW
 Manufacturer: Valeo
 Replacing: ESW10E40
 Servicing: Ford
 B+ M8, Length 178.00, Gear type DD, Mount. holes 2 (1)
 A: 86.00 B: 20.00 mm



115559 Starter 12 V, 1.4 kW
 Replacing: TS14E42
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR, Mount. holes 2 (1)
 Alternative no.: 116054
 A: 66.00 B: 24.00 mm



115571 Starter 12 V, 2.2 kW
 Replacing: 1196601
 Servicing: Chevrolet, Opel, Vauxhall
 B+ M8, Length 238.50, Gear type GR, Mount. holes 3 (1)
 A: 82.50 B: 22.00 mm



115574 Starter 12 V, 1.2 kW
 Manufacturer: Valeo
 Replacing: TS12E36
 Servicing: BMW
 B+ M8, Length 203.00, Gear type GR, Mount. holes 2 (1)
 A: 76.00 B: 26.00 mm



115610 Starter 12 V, 2.0 kW
 Replacing: ESW20ER20B, ESW20ER20
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR, Mount. holes 2 (0)
 A: 79.00 B: 61.00 mm



115611 Starter 12 V, 1.1 kW
 Replacing: TS12ER20
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.30, Gear type GR,
 Mount. holes 2 (0)
 A: 76.20 B: 63.00 mm



115612 Starter 12 V, 1.2 kW
 Replacing: TS12ER22M, TS12ER22
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 211.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 63.00 mm



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115629 Starter 12 V, 1.0 kW
 Replacing: ESW10E7, ESW1014, ESW1012,
 ESW10-14, ESW10-12
 Servicing: Dacia, Renault, Smart (MCC)
 Mount. holes 4 (3)



115634 Starter 12 V, 1.8 kW
 Manufacturer: Valeo
 Replacing: TS18ER22
 Servicing: Audi, Peugeot, Seat, Skoda, VW
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (0)
 A: 79.00 B: 62.00 mm



115674 Starter 24 V, 5.0 kW
 Manufacturer: Valeo/Mando
 Replacing: YGA000061, TM000A08601,
 MG250448
 Servicing: Halla, Various Industrial
 applications
 B+ M8, Length 273.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 19.00 mm



115685 Starter 12 V
 Replacing: FS10E10
 Servicing: Renault
 B+ M8, Length 184.00, Gear type GR,
 Mount. holes 3 (3)
 A: 70.00 B: 19.50 mm



115741 Starter 12 V, 1.4 kW
 Replacing: TS14E6
 Servicing: Mercedes-Benz
 B+ M8, Length 228.00, Gear type GR,
 Mount. holes 2 (2)
 A: 60.00 B: 27.00 mm



115744 Starter 12 V, 1.7 kW
 Manufacturer: Valeo
 Replacing: D7GS17
 Servicing: VW
 B+ M8, Length 209.00, Gear type GR,
 Mount. holes 3 (2)
 A: 76.00 B: 23.00 mm



115745 Starter 12 V, 2.2 kW
 Replacing: TS22E20
 Servicing: Cadillac, Chevrolet, Saab
 B+ M8, Length 218.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 20.00 mm



115751 Starter 24 V, 5.0 kW
 Manufacturer: Valeo
 Replacing: 1251025
 Servicing: Hyundai
 B+ M8, Length 288.00, Gear type GR,
 Mount. holes 4 (2)
 A: 60.00 B: 17.50 mm



115758 Starter 12 V, 1.2 kW
 Manufacturer: Valeo
 Replacing: 1209422
 Servicing: Hyundai, Kia
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 28.00 mm



115769 Starter 12 V, 2.3 kW
 Replacing: TS22E37, TS22E36
 Servicing: Volvo
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 3 (2)
 B: 13.00 mm



115829 Starter 12 V, 1.8 kW
 Replacing: ESW20E26, ESW2014, ESW20-14
 Servicing: Nissan, Opel, Renault, Vauxhall
 B+ M8, Length 236.00, Gear type GR,
 Mount. holes 3 (3)
 B: 1.00 mm



115839 Starter 12 V, 2.0 kW
 Replacing: TS24E30, TS24E3
 Servicing: Toyota
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 24.00 mm



115841 Starter 12 V, 2.4 kW
 Replacing: TS24E13
 Servicing: Mercedes-Benz, VW
 B+ M8, Length 217.00, Gear type GR,
 Mount. holes 2 (2)
 A: 82.50 B: 20.50 mm



115869 Starter 12 V, 1.3 kW
 Manufacturer: Visteon
 Replacing: D6G321, D6G32, D6G1
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113719
 A: 63.90 B: 24.00 mm



115875 Starter 24 V, 5.5 kW
 Manufacturer: Mitsubishi
 Replacing: FS60PR172
 Servicing: Renault V.I., Volvo
 B+ M10, Length 320.00, Gear type GR,
 Mount. holes 3 (0)
 Alternative no.: 114872
 A: 92.00 B: 47.00 mm



115893 Starter 24 V, 7.2 kW
 Manufacturer: Prestolite
 Replacing: D13HP709, D13HP613
 Servicing: Renault V.I.
 B+ M12, B- M12, Length 380.00,
 Gear type GR, Mount. holes 3 (0)
 Alternative no.: 114100
 A: 92.00 B: 47.00 mm



115947 Starter 12 V, 1.1 kW
 Replacing: D6GS19
 Servicing: Audi, Seat
 B+ M8, Length 224.50, Gear type GR,
 Mount. holes 2 (2)
 A: 82.20 B: 3.00 mm



115948 Starter 12 V, 2.2 kW
 Replacing: TS22E45
 Servicing: Audi, Porsche
 B+ M8, Length 249.00, Gear type GR,
 Mount. holes 2 (1)
 A: 66.00 B: 24.00 mm



115949 Starter 12 V, 2.2 kW
 Replacing: TS24E6
 Servicing: Nissan
 B+ M8, Length 221.00, Gear type GR,
 Mount. holes 2 (2)
 B: 20.50 mm



115974 Starter 12 V, 2.4 kW
 Replacing: D8R49
 Servicing: Renault
 B+ M8, Length 238.50, Gear type GR,
 Mount. holes 4 (3)
 B: 0.00 mm



115977 Starter 12 V, 1.2 kW
 Replacing: 1250313, 1195912
 Servicing: Hyundai, Kia
 B+ M8, Length 215.50, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 10.20 mm



116046 Starter 12 V, 1.2 kW
 Replacing: TS12E30, D6G2
 Servicing: BMW
 B+ M8, Length 213.00, Gear type GR,
 Mount. holes 2 (0)
 B: 24.00 mm



10



116054 Starter 12 V, 1.4 kW
 Manufacturer: Bosch
 Replacing: TS14E42
 Servicing: Audi, Bentley, Porsche
 B+ M8, Length 230.50, Gear type GR,
 Mount. holes 2 (1)
 Alternative no.: 115559
 A: 66.00 B: 24.00 mm



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116112 Starter 12 V, 2.5 kW
 Replacing: MG120558
 Servicing: John Deere, Yanmar
 B+ M8, Length 297.00, Gear type GR,
 Mount. holes 2 (0)
 A: 95.00 B: 19.00 mm



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116156 Starter 12 V, 2.0 kW
 Replacing: RSW20R10, RSW20R-10,
 ESW20ER25HE, ESW20ER25
 Servicing: Audi, Seat, Skoda, VW
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 115539
 A: 79.00 B: 42.00 mm



10,12



116159 Starter 12 V, 1.4 kW
 Replacing: TS14E11
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113905
 B: 14.00 mm



10



116160 Starter 12 V, 1.6 kW
 Replacing: D7G4
 Servicing: BMW
 B+ M8, 30h M5, Length 221.00,
 Gear type GR, Mount. holes 2 (2)
 Alternative no.: 114127
 A: 74.00 B: 20.50 mm



12

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116247* Starter 12 V, 2.2 kW
 Replacing: TS22E28, TS2234, TS22-34
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 2 (0)
 A: 89.00 B: 34.50 mm



12

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116248* Starter 12 V, 2.2 kW
 Replacing: TS22ER13, TS22ER12
 Servicing: VW



8



116258 Starter 12 V, 1.7 kW
 Manufacturer: Valeo
 Replacing: 1205914
 Servicing: Hyundai, Kia
 B+ M8, Length 186.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 17.00 mm



10



116260 Starter 12 V, 0.9 kW
 Replacing: S0001201952, 1201952
 Servicing: Hyundai, Kia
 B+ M8, Length 185.00, Gear type DD,
 Mount. holes 2 (2)
 A: 75.00 B: 16.00 mm



13



116265* Starter 12 V, 2.2 kW
 Replacing: ESW22E3, ESW2027HE
 Servicing: Volvo
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (3)
 A: 76.20 B: -2.00 mm



12



116271 Starter 12 V, 1.7 kW
 Manufacturer: Delco Remy Korea
 Replacing: 1204354
 Servicing: Hyundai, Kia
 B+ M8, Length 220.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 16.00 mm



11,13



116276 Starter 12 V, 1.7 kW
 Replacing: 1199875
 Servicing: Hyundai, Kia
 B+ M8, Length 187.00, Gear type GR,
 Mount. holes 2 (2)
 A: 77.00 B: 15.00 mm



116279* Starter 12 V, 1.2 kW
 Replacing: TS12E200
 Servicing: Citroen, Peugeot, Toyota
 B+ M8, Length 199.00, Gear type GR,
 Mount. holes 2 (1)
 A: 74.00 B: 26.00 mm



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116281* Starter 12 V, 1.8 kW
 Replacing: ESM18E8
 Servicing: Citroen, DS, Peugeot
 B+ M8, Length 208.50, Gear type GR,
 Mount. holes 3 (1)
 B: 13.00 mm



116303 Starter 12 V, 0.8 kW
 Replacing: D7ED281, D7ED28
 Servicing: Mercedes-Benz
 B+ M8, Length 176.50, Drive type Steel,
 Gear type DD, Mount. holes 2 (0)
Remanufactured unit. No surcharge.
 Alternative no.: 113756
 A: 70.00 B: 15.00 mm



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116306 Starter 12 V, 1.2 kW
 Replacing: TS8E2, D7E5, D7E25, D7E23,
 D7E2, D7E16, D6RA572, D6RA571, D6RA57,
 D6RA5, D6RA37, D6RA20, D6RA100
 Servicing: Citroen, Fiat, Peugeot
 B+ M8, Length 210.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (1)
Remanufactured unit. No surcharge.
 Alternative no.: 110584
 B: -6.00 mm



116316 Starter 12 V, 2.0 kW
 Replacing: ESW20E11, ESW2022
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (2)
 Alternative no.: 115684
 B: 14.00 mm



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116333* Starter 12 V, 1.5 kW
 Replacing: 817220
 Servicing: Hatz
 B+ M8, Length 265.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 112040
 A: 82.50 B: 40.00 mm



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116338* Starter 12 V, 1.7 kW
 Replacing: D7GS9
 Servicing: Audi, VW
 B+ M8, Length 216.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 114171
 A: 82.00 B: 3.00 mm



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116346* Starter 24 V, 4.0 kW
 Replacing: 817104
 Servicing: DAF
 Alternative no.: 112055



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116421* Starter 12 V, 2.0 kW
 Replacing: ESW20E18, ESW20E-18
 Servicing: Ford
 B+ M8, Length 235.00, Gear type GR,
 Mount. holes 3 (2)
 B: 14.00 mm



116429* Starter 12 V, 1.2 kW
 Replacing: 1195411
 Servicing: Hyundai, Kia
 B+ M8, Length 179.00, Gear type GR,
 Mount. holes 2 (2)
 A: 70.00 B: 19.00 mm



116440 Starter 12 V, 1.8 kW
 Replacing: D7RS130
 Servicing: Linde
 B+ M8, Length 240.00, Gear type GR,
 Mount. holes 2 (0)
 A: 76.00 B: 53.00 mm



111374 Starter 12 V, 1.5 kW
 Replacing: 20-100-01032, 20-100-01003
 Servicing: Ford, Jaguar, Mazda, Mercury
 B+ M8, Length 219.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 2 (0)
 mm



111900 Starter 12 V, 1.8 kW
 Replacing: 20-100-01015
 Servicing: Audi, Ford, Seat, Skoda, VW
 B+ M8, Length 235.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 Alternative no.: 115503 **5★**
 A: 76.00 B: 53.00 mm



111906 Starter 12 V, 1.1 kW
 Replacing: 20-100-01010
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 214.35, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 26.35 mm



112235 Starter 12 V, 1.4 kW
 Replacing: 20-100-01005, 20-100-01001
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 225.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 A: 76.10 B: 13.00 mm



112251 Starter 12 V, 2.3 kW
 Replacing: 20-100-01020, 20-100-01011
 Servicing: Ford, LDV
 B+ M8, Length 258.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (0)
 A: 91.90 B: 20.50 mm



112290 Starter 12 V, 2.2 kW
 Replacing: 20-100-01025, 20-100-01008, 20-100-01007
 Servicing: Ford, Mazda
 B+ M8, Length 259.00, Drive type Steel,
 Gear type GR, Clutch type Dry,
 Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



112340 Starter 12 V, 1.4 kW
 Replacing: 20-100-01002
 Servicing: Ford, Mazda, Mercury
 B+ M8, Length 226.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 4.00 mm



112821 Starter 12 V, 2.2 kW
 Replacing: 20-100-01022
 Servicing: Ford, Jaguar
 B+ M8, Length 250.80, Drive type Steel,
 Gear type GR, Clutch type Wet,
 Mount. holes 2 (0)
 Alternative no.: 115870 **5★**
 B: 36.00 mm



113701 **5★** Starter 12 V, 1.1 kW
 Manufacturer: Visteon
 Replacing: 20-100-01006
 Servicing: Ford, Mazda
 B+ M8, Length 218.50, Drive type Steel,
 Gear type DD, Clutch type Wet,
 Mount. holes 3 (2)
 Alternative no.: 116329
 A: 71.00 B: 14.00 mm



113794 Starter 12 V, 1.4 kW
 Replacing: 20-100-01023
 Servicing: Ford
 B+ M8, Length 214.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 B: 30.50 mm



113905 **5★** Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: 20-100-01021
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 116159
 B: 13.00 mm



113906 Starter 12 V, 1.2 kW
 Replacing: 20-100-01027
 Servicing: Ford, Volvo
 B+ M8, Length 214.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (0)
 B: 29.00 mm



113908 Starter 12 V, 1.2 kW
 Manufacturer: Visteon
 Replacing: 20-100-01029
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 200.30, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 116062
 B: 14.00 mm



113910 Starter 12 V, 1.4 kW
 Replacing: 20-100-01034, 20-100-01014
 Servicing: Ford
 B+ M8, Length 209.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 A: 76.00 B: 15.00 mm



113911 Starter 12 V, 2.2 kW
 Manufacturer: Visteon
 Replacing: 20-100-01036
 Servicing: Ford, Volvo
 B+ M8, Length 243.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 116157
 A: 62.50 B: -5.95 mm



115869 Starter 12 V, 1.3 kW
 Manufacturer: Visteon
 Replacing: AMHB3C11000AA
 Servicing: Fiat, Lancia, Opel, Vauxhall
 B+ M8, Length 201.00, Drive type Steel,
 Gear type GR, Mount. holes 2 (1)
 Alternative no.: 113719
 A: 63.90 B: 24.00 mm



115870 Starter 12 V, 2.1 kW
 Manufacturer: Visteon
 Replacing: 20-100-01022
 Servicing: Ford, Jaguar
 B+ M8, Length 256.00, Gear type GR,
 Mount. holes 2 (0)
 Alternative no.: 112821
 B: 36.00 mm



116062 Starter 12 V, 1.2 kW
 Replacing: 20-100-01029
 Servicing: Ford, Mazda, Volvo
 B+ M8, Length 216.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113908
 B: 14.00 mm



116157 Starter 12 V, 2.2 kW
 Replacing: 20-100-01036
 Servicing: Ford, Volvo
 B+ M8, Length 243.50, Drive type Steel,
 Gear type GR, Mount. holes 3 (3)
 Alternative no.: 113911
 A: 62.50 B: -5.95 mm



116159 Starter 12 V, 1.4 kW
 Replacing: 20-100-01021
 Servicing: Ford, Mazda
 B+ M8, Length 208.00, Drive type Steel,
 Gear type GR, Mount. holes 3 (2)
 Alternative no.: 113905
 B: 14.00 mm

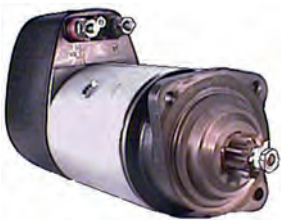


110512 Starter 24 V, 5.4 kW
 Replacing: BNG4/24CRS165, BNG4/24CRS163, BNG4/24CR231, BNG4/24, 0001416054, 0001416047, 0001416024, 0001416022, IM522, R23.25, R23.17, R23.16, R20Z, R20.17, 6250000, 6160000, CS194, AZK5412, AZK5194, AZK5104, 11.139.052, 11.139.035, 11.130.115, 10.130.123, 22615, 9125340, 9125320, 19024556, 19024550, 19024024, D13E81T, D13E81, D13E69T, D13E69, D13E63T, D13E63, 076571

Servicing: Ahlmann, Irmer, Mercedes-Benz, Various Agriculture Vehicles

B+ M10, B- M10, Length 384.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 89.00 B: 48.00 mm



110601 Starter 24 V, 5.4 kW
 Replacing: BNG4/24CRS165SR, BNG4/24CR165SR, 0001416013, 0001415010, 0001414017, 0001410030, 0001410029, IM131, R23.13, 6130000, AZK5193, AZK5117, AZK5113, 11.139.034, 11.130.005, 10.130.121, 9125290, 9124340, 19024578

Servicing: Mercedes-Benz, Steyr
 B+ M10, Length 386.25, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 88.85 B: 47.50 mm



111213 Starter 12 V
 Replacing: 50-70604A3, 50-70604A1
 Servicing: Ford

B+ M8, Length 250.45, Drive type Steel, Gear type DD, Mount. holes 2 (0)

A: 103.60 B: 16.50 mm



113855 Starter 24 V, 5.4 kW
 Replacing: 0031516401

Servicing: MAN, Mercedes-Benz
 B+ M12, B- M10, Length 381.00, Drive type Steel, Gear type DD, Mount. holes 3 (0)

A: 92.00 B: 51.00 mm



114075 Starter 12 V
 Replacing: 32-098-04, 32-098-03, 32-098-01

Servicing: Cub Cadet, New Holland

B+ 1/4" UNC, Length 221.00, Gear type DD, Mount. holes 2 (0)

B: 17.00 mm



114104 Starter 12 V

Replacing: 31200-MZ5-003, 31200-MR7-018, 31200-MR7-008

Servicing: Honda

B+ M6, Length 172.50, Gear type DD, Mount. holes 2 (0)

A: 46.00 B: 33.00 mm



114222 Starter 24 V, 7.5 kW

Replacing: TY24443, se501406, RE70958, RE69705, RE501060, 228000-7413, 228000-7412, 228000-7411, 228000-7410, 228000-6561

Servicing: John Deere

B+ M12, B- M12, Length 319.00, Drive type Steel, Gear type GR, Clutch type Wet, Mount. holes 3 (0), Oil sealed, Waterproof

A: 89.00 B: 48.00 mm



114335 Starter 12 V, 2.5 kW

Servicing: BMW, Isuzu

B+ M10, Length 297.00, Drive type Steel, Gear type GR, Mount. holes 3 (0)

A: 88.80 B: 48.00 mm



114339 Starter 24 V, 4.5 kW

Servicing: Cummins

B+ M10, Length 297.00

A: 89.00 B: 65.00 mm



114476 Starter 12 V, 1.8 kW

Replacing: U85086771, U85086770, P30DC03A, 8000531, 8000417, 8000344, 8000277, 8000111, 333-5930

B+ M8, Length 218.00, Gear type GR, Mount. holes 2 (0)

A: 74.00 B: 20.00 mm



114687 Starter 12 V

Replacing: s114-682, 69W-81800-00-00

Servicing: Yamaha

B+ M8, Length 220.00, Drive type Steel, Mount. holes 2 (2)

A: 67.00 B: 31.50 mm



115406 Starter 12 V, 0.8 kW
 Replacing: 31200-ZF5A-L310, 31200-zf5-L320, 31200-ZF5-L32
 Servicing: Honda, Toro
 B+ 1/4" UNC, Length 204.00,
 Gear type DD, Mount. holes 3 (0)
 A: 60.50 B: 8.00 mm



115423 Starter 12 V, 3.0 kW
 Replacing: MTL12-10, MT74A, MT71HB, AZJ3552, AZJ3150, AZJ3138, AZJ0102, 63217433, 63217180, 63217173, 11.130.525, 11.130.501
 Servicing: BPM, Goldoni, Lombardini, Ruggerini
 B+ M10, Length 330.00, Gear type DD,
 Mount. holes 2 (0)
 A: 82.50 B: 21.00 mm



115625 Starter 12 V, 2.5 kW
 Replacing: TY25972, TY24437, SE501426, RE59595, RE54090, RE40092, 128000-8294, 128000-8293, 128000-8292, 128000-8291, 128000-8290
 Servicing: John Deere
 B+ M10, Length 298.00, Gear type GR,
 Mount. holes 3 (0)
 A: 89.00 B: 47.50 mm



115985 Starter 12 V, 1.6 kW
 Replacing: 9000885, 9000884, 9000851, 9000840, 9000839, 9000821, 9000819, 8000282
 Servicing: Clark, Hyster, Mitsubishi, Yale
 B+ M8, 15a M5, Length 231.00,
 Gear type GR, Mount. holes 2 (0)
 Upgrade version min. 40.000 cycles.
 Alternative no.: 111786
 B: 18.30 mm



115992 Starter 12 V, 1.4 kW
 Replacing: S114-838A, 68V-81800-01, 68V-81800-00, 50-881368T1
 Servicing: Yanmar
 B+ M8, Length 233.00, Gear type GR,
 Mount. holes 2 (0)
 B: 57.00 mm



116051 Starter 12 V, 2.2 kW
 Manufacturer: Visteon
 Replacing: 36001683, 30659314
 Servicing: Volvo
 B+ M8, Length 243.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 116483
 A: 63.00 B: -5.00 mm



116053 Starter 12 V, 1.4 kW
 Manufacturer: Visteon
 Replacing: 36013613, 30644972
 Servicing: Volvo
 B+ M8, Length 212.00, Gear type GR,
 Mount. holes 3 (2)
 B: 14.00 mm



116115 Starter 12 V, 0.8 kW
 Replacing: S114-414A, S114-414, 114362-77010
 Servicing: Yanmar
 B+ M8, Length 190.00, Gear type DD,
 Mount. holes 2 (0)
 Gear reduction version HC-CARGO 112478.
 Alternative no.: 112478
 A: 66.00 B: 14.00 mm



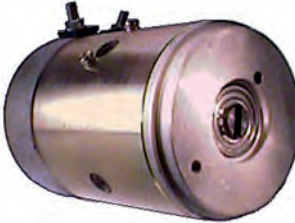
116137 Starter 12 V, 2.8 kW
 Manufacturer: Iskra/Mahle
 Replacing: S13-61A, s13-61, nsb520, K308650, D9NN11000AA, D8NN11000CE, d8nn11000cb, D8NN11000CA, d7nn11000b, D4NN11000B
 Servicing: Buhner, Ford, Matbro, New Holland
 B+ M8, B- M8, Length 318.50,
 Gear type DD, Mount. holes 3 (0)
 Alternative no.: 110462
 A: 92.00 B: 21.00 mm



116483* Starter 12 V, 2.2 kW
 Replacing: 36001683, 30659314
 Servicing: Volvo
 B+ M8, Length 243.00, Gear type GR,
 Mount. holes 2 (2)
 Alternative no.: 116051
 A: 63.00 B: -5.00 mm



110429 5★ DC Motor 12 V, 2.0 kW
 Manufacturer: Mahle Letrika
 Replacing: AMJ5632, 11.212.066, 19024660, 19024654
 Length 174.00, Pulley w/o, Fan w/o



111091 5★ DC Motor 24 V, 2.2 kW
 Manufacturer: Mahle Letrika
 Replacing: 0136355081, 24MB22TWA, 24MB22M, 24MB21TWA, 24MB21M, 24MB1TWA, 24M1TP13, 1024, AMJ5592, 11.212.417, 19024678
 Length 195.60, Pulley w/o, Fan w/o
 A: 105.00 mm



111092 5★ DC Motor 12 V, 1.6 kW
 Manufacturer: Mahle Letrika
 Replacing: 0136355080, 12MB1WA, 12MB1TWA, 12MB1CWA, 12MB12TWA, 12MB12M, 12MB11TWA, 12MB11M, 12M1TP13, 1012, AMJ5991, AMJ5591, AMJ5272, 11.212.957, 11.212.416, 19024706
 Length 195.45, Pulley w/o
 A: 105.00 mm



111466 DC Motor 24 V, 1.5 kW
 Replacing: 0136355067, 0136355061, 0136355057, 0136355042, 0136355038, 0136355037, 0136355014, 0136355012, 1424, 11.214.057, 11.212.001,
 Servicing: Volvo
 Length 200.40, Pulley w/o, Fan w/o



111861 DC Motor 12 V, 1.3 kW
 Replacing: MKW4007, MGL4105, FPOR4001, 462415, SM48826, MM48826, M0551046A
 Length 175.00, Pulley w/o, Fan w/o



112317 5★ DC Motor 12 V, 1.6 kW
 Manufacturer: Mahle Letrika
 Replacing: AMJ4664, 11.212.622, 47044616, 47044608, 47044605, MFX7012, MFX4005, MFX4004, MFX4001, MF7034, MDY7066, MDY7061, MDY7055, MDY7040, MDY7039, MDY7037, 19024743, 19024730, M11C40
 Length 191.00, Pulley w/o, Fan w/o



112318 5★ DC Motor 24 V, 2.5 kW
 Manufacturer: Mahle Letrika
 Replacing: 11.212.619, 47044617, 47044606, MHX4001, MHJ7024, MHJ7005, MHJ7003, MDF7024, 19024732, 19024731
 Length 191.25, Pulley w/o, Fan w/o



112487 5★ DC Motor 24 V, 2.5 kW
 Manufacturer: Mahle Letrika
 Replacing: AMJ5690, 11.212.169, 19024713, 19024709, 19024688
 Length 191.00, Pulley w/o, Fan w/o



112573 5★ DC Motor 12 V, 1.6 kW
 Manufacturer: Mahle Letrika
 Replacing: AMJ5705, AMJ5666, AMJ5175, 11.216.117, 11.212.609, 11.212.107
 Length 173.00, Pulley w/o, Fan w/o
 A: 108.00 mm



112574 5★ DC Motor 12 V, 1.6 kW
 Manufacturer: Mahle Letrika
 Replacing: AMJ4761, AMJ4635, 11.216.273
 Length 230.00, Pulley w/o, Fan w/o



112575 5★ DC motor 24 V, 2.0 kW
 Manufacturer: Mahle Letrika
 Replacing: 0136501074, AMJ4762, AMJ4636, 11.212.450
 Length 226.50, Pulley w/o, Fan w/o
 A: 108.85 mm



112577 5★ DC Motor 12 V, 1.8 kW
 Manufacturer: Prestolite
 Replacing: MBJ6304, MBJ6202, MBJ4407, MBJ4402, MBJ4209, MBJ4202, MBJ4201
 Length 211.00, Pulley w/o, Fan w/o
 Shaft 19.00 mm. Thread on thru bolts: 3/8 UNFx22.50 mm.
 A: 75.90 mm



112864 DC Motor 24 V, 0.8 kW
 Replacing: 19024729
 Length 175.00, Pulley w/o, Fan w/o
 A: 80.00 mm



113666 DC Motor 24 V, 2.2 kW
 Manufacturer: Mahle Letrika
 Replacing: AMJ5730, AMJ5511, AMJ5176,
 11.216.257, 11.212.610, 11.212.212
 Length 173.00, Pulley w/o, Fan w/o
 A: M/A mm



115628 DC motor 24 V, 0.8 kW
 Manufacturer: Mahle Letrika
 Replacing: AME1705, AME1604, 11.216.191,
 11.212.100
 Servicing: Various Industrial applications
 Length 184.00, Pulley w/o, Fan w/o
 A: 63.45 mm



110060 Dynastarter 12 V, 11 Amp
0.9 kW

Replacing: 0010300100, 0010300006, 0010300004, 0010300002, DC1011, 861095, 19025600

Servicing: Albin, BCS, Goldoni, Lombardini
Length 236.50, Pulley w/o, Fan w/o
Regulator: HC-CARGO 235781. Solenoid: HC-CARGO 133695.



110061 Dynastarter 12 V, 11 Amp
0.9 kW

Replacing: 0010350102, 0010350005, 0010300101, 0010300003, 0010300001, 19025602

Servicing: BCS, Ferrari
Length 237.00, Pulley w/o, Fan w/o
Regulator: HC-CARGO 235781. Solenoid: HC-CARGO 133695.



113144 Dynastarter 12 V, 23 Amp
0.7 kW

Replacing: GSB107-04C, GSB107-04A, GSB107-01A, GSB107-01

Servicing: Club Car, EZ-GO
Length 247.00, Pulley w/, Fan w/o
Regulator: HC-CARGO 233625. Not for universal use.



113145 Dynastarter 12 V, 15 Amp
0.75 kW

Replacing: GSB107-06F, GSB107-06E, GSB107-06

Servicing: John Deere
Length 241.50, Pulley w/o, Fan w/o
Regulator: HC-CARGO 233625. Not for universal use.



113146 Dynastarter 12 V, 15 Amp
0.75 kW

Replacing: GSB107-10C, GSB107-10B

Servicing: Yanmar
Length 240.00, Pulley w/o, Fan w/o
Regulator: HC-CARGO 233625. Not for universal use.



113147 Dynastarter 12 V, 23 Amp
0.7 kW

Replacing: GSB107-06B

Servicing: gsb107-06b, Yanmar
Length 248.00, Pulley w/o, Fan w/o
Regulator: HC-CARGO 233625. Not for universal use.



113148 Dynastarter 12 V, 23 Amp
0.75 kW

Replacing: 1018294-01

Servicing: Club Car
Length 247.00, Pulley w/, Fan w/o
Regulator: HC-CARGO 233625. Not for universal use.



111863 Tilt/ Trim Motor 12 V
 Replacing: ETK4102, 40-259
 Servicing: OMC
 Length 171.00, Pulley w/o, Fan w/o

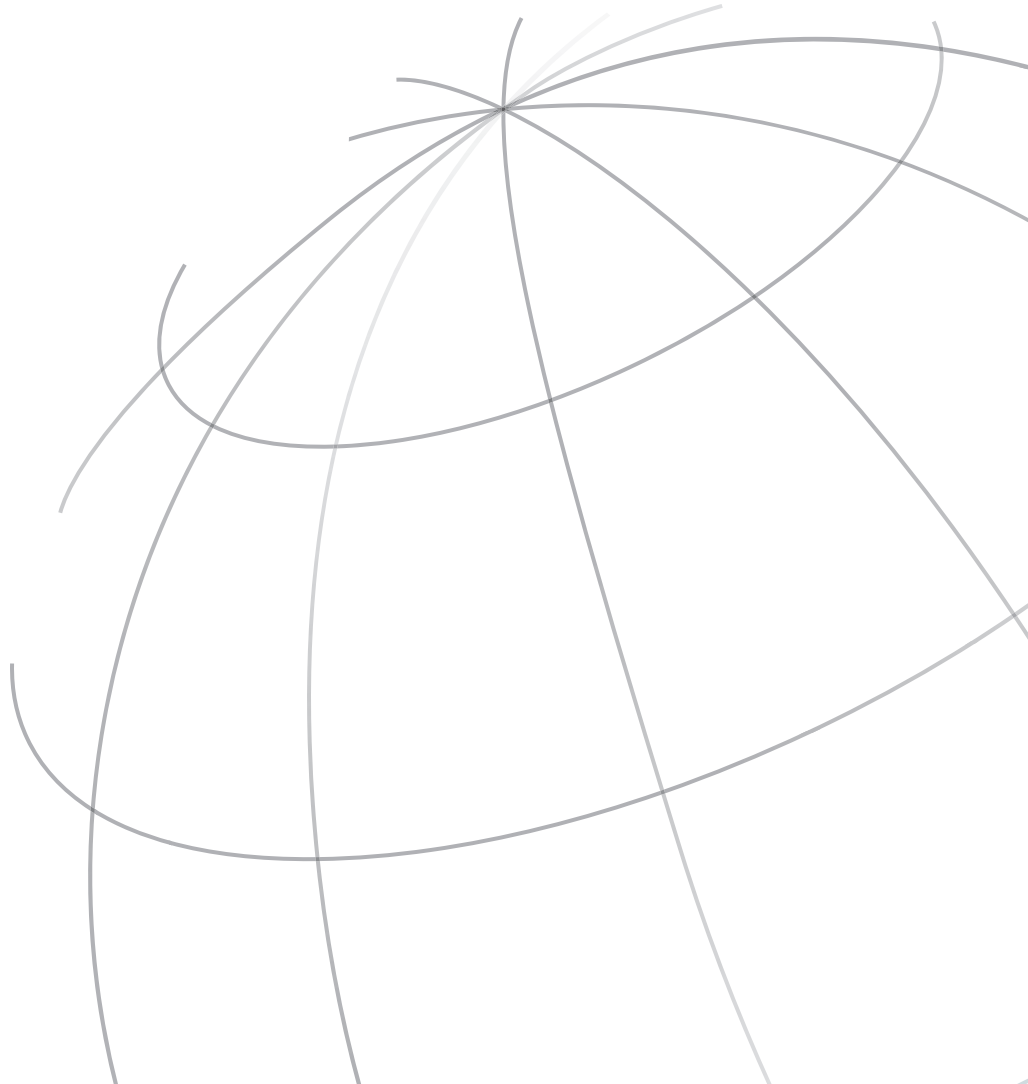


111864 Tilt/ Trim Motor 12 V
 Replacing: EVC4002
 Servicing: OMC
 Length 132.00
 A: 70.00 mm



Application list

Edition 2020-2022





Application list

Abarth							
PASSENGER CARS EU							
500 1.4	[312B3.000]					05.16-	113962 12 0.9
	[312B4.000]					05.16-	113962 12 0.9
500 1.4 Abarth	[312A1.000]	08.08-	116089	14 120		08.08-	113962 12 0.9
	[312A3.000]	08.08-	116089	14 120		08.08-	113962 12 0.9
500 1.4 16V Abarth	[312A3.000]	08.08-	116089	14 120		08.08-	113962 12 0.9
500 / 595 1.4	[312B6.000]					06.16-	113962 12 0.9
500C / 595C 1.4	[312B3.000]	05.16-	116089	14 120		05.16-	113962 12 0.9
	[312B4.000]	05.16-	116089	14 120		05.16-	113962 12 0.9
Grande Punto 1.4 Abarth	[199A8.000]	12.07-	114806	14 120		12.07-	113962 12 0.9
		12.07-	115874	14 120 A49			
	[955A8.000]	12.07-	114806	14 120		12.07-	113962 12 0.9
		12.07-	115874	14 120 A49			
Punto Evo 1.4	[955A8.000]	07.08- 02.12	114806	14 120		07.08- 02.12	113962 12 0.9
		07.08- 02.12	115874	14 120		10.09- 02.12	115312 12 1.1
Ritmo 2.0 TC Abarth	[138AR1.000]	12.82- 12.87	110912	14 55			
	[138AR2.000]	04.83- 12.87	111620	14 65			
ABG							
INDUSTRI							
Various Models							116139 12 3.0 A49
						02.68- 12.90	110523 24 4.8
						04.68- 08.82	110536 12 2.7
						05.76- 12.90	113464 24 4.0
							116312 12 2.7 BO
AC							
PASSENGER CARS EU							
ME 3000 3.0		01.79- 12.86	111515	14 70			
ACME							
MOTORS							
Various Models						01.79-	112034 12 1.7
Agco							
AGRICULTURE							
MT345B 3.3			116111	14 80			
Agco Allis							
AGRICULTURE							
8745	[4-268]					01.98- 01.00	110615 12 2.8
8765	[4-268]					01.98- 01.00	110615 12 2.8
8775	[6-402]					01.98- 01.00	110615 12 2.8
8785	[6-402]					01.98- 01.00	110615 12 2.8
AGCO POWER (SISU DIESEL)							
MOTORS							
Marine			116454*	14 95			114266 24 4.0
			113610	14 120			
			115851	28 60			
			112556	14 95 A49			
Agco White							
AGRICULTURE							
6124	[Cummins 6-359]					01.94- 01.97	113452 12 2.5
6125	[Cummins 6-359]					01.93- 01.97	113452 12 2.5
6144	[Cummins 6-359]					01.94- 01.97	113452 12 2.5
6145	[Cummins 6-359]					01.93- 01.97	113452 12 2.5
6410 3.9	[Cummins]					01.98- 01.00	110615 12 2.8
6510 3.9	[Cummins]					01.98- 01.00	110615 12 2.8
6710	[Cummins 6-359]					01.98- 01.00	110615 12 2.8
6810	[Cummins 6-359]					01.98- 01.00	110615 12 2.8
8310	[Cummins 6-359]					01.98- 01.00	113452 12 2.5
8410	[Cummins 6-359]					01.98- 01.00	113452 12 2.5
AgriFull							
AGRICULTURE							
Various Models		01.80-	110899	14 33		01.85-	110529 12 3.0
		08.83-	111662	14 33		09.80-	110813 12 2.7
			116131	14 33 A49			115535 12 3.0
Ahlmann							
INDUSTRI							
Various Models						01.68- 01.80	110523 24 4.8
						07.82-	110512 24 5.4
Aixam							
PASSENGER CARS EU							
400 0.05		01.00-	110620	14 35			
Albin							
MARINE							
Various Models		03.68-	110060	AD-21			
Alfa Romeo							
PASSENGER CARS EU							
4C 1.7 Tbi	[960A1.000]					03.13-	115563 12 1.4
Alfa 145 1.4 i.e. 16V	[AR33503]	12.96- 01.01	113942	14 100		12.96- 02.99	111685 12 1.4
		AC 12.96- 01.01	111409	14 100			
	[AR38501]	12.96- 01.01	113942	14 100		12.96- 01.01	111685 12 1.4
		ACPS 12.96- 01.01	111409	14 100			
Alfa 145 1.6 16V	[AR 32102]	09.97- 12.00	113942	14 100		09.97- 12.00	111685 12 1.4
Alfa 145 1.6 i.e. 16V	[AR38201]	12.96- 01.01	113942	14 100		12.96- 01.01	111685 12 1.4
	[AR67601]	12.96-	111409	14 100		01.97- 01.00	111685 12 1.4
		12.96- 01.01	113942	14 100			
Alfa 145 1.6 i.e.	[AR33201]	AC 10.94- 11.98	111409	14 100			
Alfa 145 1.8 i.e. 16V	[AR32201]	03.98- 01.01	113942	14 100		03.98-	111685 12 1.4
		AC 03.98-	111409	14 100			
	[AR38401]	12.96- 12.98	113942	14 100		12.96- 12.98	111685 12 1.4
	[AR67106]	12.96- 12.98	113942	14 100		01.97- 01.99	111685 12 1.4
		AC 12.96-	111409	14 100			
	[AR67199]	12.96- 12.98	113942	14 100		12.96- 12.98	111685 12 1.4
		AC 12.96- 12.98	111409	14 100			
Alfa 145 1.9 JTD	[AR32302]	02.99- 01.01	113943	14 100		02.99-	113430 12 1.8
Alfa 145 1.9 TD	[AR33601]	10.94-	112688	14 95			
	[AR67501]	10.94-	112688	14 95		10.94- 02.99	113430 12 1.8
Alfa 145 2.0 16V	[AR32301]	03.98-	111409	14 100		03.98-	111685 12 1.4
		03.98- 01.01	113942	14 100			



Alfa 145 2.0 Twin Spark i.e. 16V	[AR67204]	10.94- 01.01	111409	14	100	10.94-	111685	12	1.4
		AC 10.94- 01.01	111409	14	100				
Alfa 146 1.4 i.e. 16V	[AR33503]	11.96- 01.01	113942	14	100	12.96- 02.99	111685	12	1.4
		AC 11.96- 01.01	111409	14	100				
	[AR38501]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4
Alfa 146 1.6 16V	[AR 32102]	09.97- 12.00	113942	14	100	09.97- 12.00	111685	12	1.4
Alfa 146 1.6 i.e. 16V	[AR38201]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4
		[AR67601]	11.96- 01.01	111409	14				
		11.96- 01.01	113942	14	100	01.97- 01.00	111685	12	1.4
Alfa 146 1.6 i.e.	[AR33201]	AC 12.94- 12.96	111409	14	100				
Alfa 146 1.8 i.e. 16V	[AR38401]	11.96- 01.01	113942	14	100	11.96- 01.01	111685	12	1.4
		[AR67106]	11.96- 01.01	111409	14				
		11.96- 01.01	113942	14	100	01.97- 01.99	111685	12	1.4
Alfa 146 1.8 Twin Spark i.e. 16V	[AR32201]	11.96- 01.01	111409	14	100	03.98- 01.01	111685	12	1.4
		03.98- 01.01	113942	14	100				
Alfa 146 1.9 JTD	[AR32302]	02.99-	113943	14	100	02.99-	113430	12	1.8
Alfa 146 1.9 TD	[AR33601]	12.94-	112688	14	95				
	[AR67501]	12.94-	112688	14	95				
Alfa 146 2.0 16V	[AR32301]	03.98-	111409	14	100				
		03.98- 01.01	113942	14	100				
Alfa 146 2.0 Twin Spark 16V	[AR67204]	10.94-	111409	14	100	10.94-	111685	12	1.4
		10.95- 01.01	113942	14	100				
Alfa 147 1.6 Twin Spark 16V	[AR32104]	01.01-	113942	14	100	01.01-	111685	12	1.4
		AC 11.00-	111409	14	100				
	[AR37203]	01.01-	113942	14	100	01.01-	111685	12	1.4
		AC 11.00-	111409	14	100				
Alfa 147 1.9 JTD 16V	[192A5.000]	11.02-	113943	14	100				
	[192B1.000]	10.04-	113943	14	100				
	[937A4.000]	09.03- 09.04	113943	14	100				
Alfa 147 1.9 JTD	[182B9.000]	06.03-	113336	14	120				
		[937A2.000]	11.00-	113336	14	120			
						04.01-	113430	12	1.8
						04.01-	113931	12	1.7
Alfa 147 1.9 JTD 16V	[937A5.000]	07.05-	113943	14	100	07.05-	113430	12	1.8
	[939A7.000]	10.04- 03.10	113943	14	100	10.04- 03.10	113931	12	1.7
Alfa 147 1.9 JTD 8V	[937A3.000]	07.05-	113943	14	100	07.05-	113931	12	1.7
Alfa 147 1.9 JTD	[937A6.000]	06.08-	113943	14	100				
Alfa 147 2.0 Twin Spark 16V	[AR32310]	11.00-	111409	14	100	01.01-	111685	12	1.4
		01.01-	113942	14	100				
Alfa 147 3.2 GTA	[932A.000]	02.03-	113836	14	120				
Alfa 155 1.6 Twin Spark	[AR67601]	05.96- 01.98	113942	14	100	05.96-	111685	12	1.4 BO
		AC 12.95-	111409	14	100				
Alfa 155 1.7 Twin Spark 16V	[AR67106]	05.96- 12.97	113942	14	100				
		AC 05.96- 12.97	111409	14	100				
Alfa 155 1.8 Twin Spark	[AR67402]	02.92- 12.97	113942	14	100				
		AC 05.96- 12.97	111409	14	100				
Alfa 155 1.9 TD	[AR67501]	04.93-	111620	14	65				
		04.93- 04.96	112688	14	95				
Alfa 155 2.0 Turbo 16V 4x4	[AR67203]					01.95- 04.96	110854	12	1.4
Alfa 155 2.0 Turbo 16V Q4	[AR67203]					01.95- 04.96	110854	12	1.4
Alfa 155 2.0 Twin Spark 16V	[AR67204]	03.95- 12.97	111409	14	100	07.95-	111685	12	1.4
	[AR67299]	03.95- 12.97	111409	14	100	03.95- 12.97	111685	12	1.4
Alfa 155 2.5 TD	[VM07B]					04.93- 04.96	112454	12	2.2
	[VM31B]					04.93- 12.97	112454	12	2.2
Alfa 156 1.6 16V T-Spark	[AR 32102]	09.97- 09.05	113942	14	100	09.97- 09.05	111685	12	1.4
Alfa 156 1.6 16V T-Spark Sportwagon	[AR 32102]	09.97- 09.05	113536	14	90	09.97- 09.05	111685	12	1.4
Alfa 156 1.6 Twin Spark 16V	[AR32102]	09.97-	113536	14	90	08.00-	111685	12	1.4
		09.97- 09.05	113942	14	100				
		AC 09.97-	111409	14	100				
	[AR32103]	09.97-	113536	14	90	08.00-	111685	12	1.4
		09.97- 09.05	113942	14	100				
		AC 09.97-	111409	14	100				
	[AR32104]	09.97-	113536	14	90	08.00-	111685	12	1.4
		09.97- 05.06	113942	14	100				
		AC 09.97-	111409	14	100				
	[AR67601]	09.97- 09.05	113942	14	100	09.97- 09.00	111685	12	1.4
		AC 09.97-	111409	14	100				
Alfa 156 1.8 Twin Spark 16V	[AR32201]	09.97- 10.00	113942	14	100	09.97- 10.00	111685	12	1.4
		10.97-	111409	14	100				
		ACPS 10.97-	111409	14	100				
		AC 05.00- 10.00	111409	14	100				
	[AR32205]	10.00- 05.06	113942	14	100	10.00-	111685	12	1.4
		AC 10.00-	111409	14	100				
Alfa 156 1.9 JTD 16V Q4	[937A5.000]	07.04-	113987	14	140				
Alfa 156 1.9 JTD	[937A2.000]					05.01-	113430	12	1.8
						05.01- 05.06	113931	12	1.7
	[AR32302]	09.97- 10.00	111409	14	100	09.97- 10.00	113430	12	1.8
		09.97- 10.00	113942	14	100				
		09.97- 10.00	113943	14	100				
	[AR37101]	10.00- 05.01	113943	14	100	10.00-	113430	12	1.8
Alfa 156 2.0 JTS	[937A1.000]					03.02-	111685	12	1.4
Alfa 156 2.0 Twin Spark 16V	[AR32301]	09.97- 10.00	111409	14	100	09.97- 10.00	111685	12	1.4
		09.97- 10.00	113942	14	100				
	[AR32310]	10.00-	111409	14	100	10.00-	111685	12	1.4
		10.00- 03.02	113942	14	100				
Alfa 156 2.4 JTD	[839A6.000]	10.00- 05.06	113942	14	100	10.00- 05.06	113430	12	1.8
		AC 10.00-	111409	14	100				
	[841G.000]	10.03-	113336	14	120	10.03- 05.06	113430	12	1.8
	[AR32501]	09.97- 10.00	113942	14	100				
		10.97- 10.00	111409	14	100				
Alfa 156 2.5 V6 24V	[AR32405]	10.00- 09.05	113836	14	120				
Alfa 156 3.2 GTA	[932A.000]	03.02- 05.06	113836	14	120				
Alfa 159 1.7 TBI	[939B1.000]					05.09-	115563	12	1.4
Alfa 159 1.8 MPi	[939A4.000]	03.07-	114431	14	120	03.07-	114298	12	1.1
Alfa 159 1.9 JTS	[939A6.000]	09.05-	114829	14	120	09.05-	115360	12	1.4
Alfa 159 1.9 JTD 16V	[937A8.000]	09.05-	114204	14	120	09.05-	113931	12	1.7
		03.06-	113996	14	140				
		03.06-	114493	14	100				

STARTERS & ALTERNATORS



Application list

ALFA ROMEO Continued

	[939A2.000]	09.05- 09.05- 09.05-	113996 114204 114493	14 140 14 120 14 100		03.06-	113430	12 1.8
	[939A8.000]	09.05- 09.05-	113996 114204	14 140 14 120		09.05-	113931	12 1.7
Alfa 159 1.9 JTDM 8V	[937A7.000]	09.05- 09.05-	113996 114204	14 140 14 120		09.05-	113931	12 1.7
	[939A1.000]	09.05- 09.05- 09.05- 09.05- 03.06-	113955 114204 114493 115429 113996	14 105 14 120 14 100 14 120 14 140		09.05-	113931	12 1.7
	[939A7.000]	09.05- 09.05-	113996 114204	14 140 14 120		09.05-	113931	12 1.7
Alfa 159 2.0 JTDM	[844A2.000]	05.09- 05.09-	114493 115429	14 100 14 120		05.09-	116045	12 1.4
	[939B3.000]	05.09- 05.09-	114493 115429	14 100 14 120		05.09-	116045	12 1.4
	[939B4.000]	06.10- 06.10-	114493 115429	14 100 14 120		06.10-	116045	12 1.4
Alfa 159 2.2 JTS	[939A5.000]	09.05-	114829	14 120		09.05-	115360	12 1.4
Alfa 159 2.4 JTDM	[939A3.000]	09.05-	114749	14 150		09.05- AT 09.05-	113430 114234*	12 1.8
Alfa 164 2.0 Turbo	[AR06476]	01.88- 09.92 A12 10.87- 09.98	112453 112453	14 85 14 85		01.88- 09.92	112455	12 1.4
Alfa 164 2.5 TD	[VM08B] [VM84A]					09.92- 10.98 06.87- 09.92	112454 112454	12 2.2 12 2.2
Alfa 166 2.0 Twin Spark	[AR34103]	10.00- 09.98- 02.00 09.98- 10.00	113536 111409 113942	14 90 14 100 14 100		09.98-	111685	12 1.4
	[AR36301]	10.00- 10.00- 10.00-	111409 113536 113942	14 100 14 90 14 100		10.00-	111685	12 1.4
Alfa 166 2.0 V6	[AR34102]	10.00-	113536	14 90				
Alfa 166 2.4	[841G.000] [841H.000]					10.03- 10.03-	113430 113430	12 1.8 12 1.8
Alfa 166 2.4 JTD	[839A6.000]	10.00- AC 10.00-	113942 111409	14 100 14 100		10.00-	113430	12 1.8
	[841M.000]	10.03- 06.07 07.05-	113336 113942	14 120 14 100		10.03- 06.07	113430	12 1.8
	[841N.000]	10.03- 06.07	113336	14 120		10.03- 06.07	113430	12 1.8
	[936B.000]	07.05-	113942	14 100				
	[AR34202]	09.98- 09.98- 10.00	111409 113942	14 100 14 100				
Alfa 166 2.5 V6 24V	[AR34201]	10.00-	113836	14 120				
	[AR36201]	10.00-	113836	14 120				
Alfa 166 3.0 V6 24V	[AR36101]	10.00-	113836	14 120				
Alfa 166 3.2 V6 24V	[936A.000]	10.00-	113836	14 120				
Alfa 33 1.8 TD	[VM82A] [VM96A]	09.86- 12.89 01.90- 10.94	111686 111620	14 65 14 65		09.86- 12.89 07.90- 09.94	112454 112454	12 2.2 12 2.2
	[VW82A]	07.90- 09.94	112768	14 55				
	[VW82A]	03.88- 12.89	111686	14 65		03.88- 12.89	112454	12 2.2
Alfa 6 2.5 TD	[VM-HR588HT]	07.81- 02.87	110890	14 55				
Alfa 75 1.6	[AR06100] [AR61101]	05.85- 09.89 05.89- 02.92	111153 111153	14 55 14 55				
		A12 05.89- 02.92	111153	14 55				
Alfa 75 1.8	[AR06168] [AR06202]	09.88- 09.89 06.85- 09.89	111153 111153	14 55 14 55				
	[AR61102]	09.88- 09.89	111153	14 55				
Alfa 75 2.0	[AR06212]	05.85- 10.88	111153	14 55				
Alfa 75 2.0 TD	[VM80A]	05.85- 12.89 05.85- 02.92 01.90- 02.92	110890 111686 112768	14 55 14 65 14 55				
Alfa 75 2.4 TD	[VM81A]	09.88- 12.89 09.88- 02.92 01.90- 02.92	110890 111686 112768	14 55 14 65 14 55				
Alfa 90 1.8	[AR06202]	10.84- 01.87	111153	14 55				
Alfa 90 2.0 i.e.	[AR01713] [AR06212]	10.84- 01.87 10.84- 06.86	111153 111153	14 55 14 55				
Alfa 90 2.4 TD	[VM81A]	10.84- 01.87	110890	14 55				
Alfetta 1.6	[AR01600]	07.80- 12.84	111153	14 55				
Alfetta 1.8	[AR01678]	07.80- 12.84	111153	14 55				
Alfetta 2.0	[AR01655] [AR01713] [AR10520]	07.80- 12.84 04.83- 12.84 07.80- 12.84	111153 111153 111153	14 55 14 55 14 55				
	[AR01623] [AR01655]	07.80- 01.86 06.77- 12.84	111153 111153	14 55 14 55				
Alfetta 2.0 GT	[AR01623] [AR01655]	07.80- 01.86 06.77- 12.84	111153 111153	14 55 14 55				
Alfetta 2.0 TD	[VM4HT/2]	10.79- 03.83 10.79- 03.83	110890 111153	14 55 14 55				
Alfetta 2.4 TD	[VM4HT2.4]	04.83- 12.84	110890	14 55				
AR 6 1.9 Diesel	[160D100]	04.85- 12.89	110912	14 55				
AR 6 2.4 Diesel	[8144.61.200]	04.85- 02.86	110890	14 55				
AR 6 2.4 TD	[8144.21.220]	09.86- 12.89	110890	14 55		09.86- 12.89	113846	12 2.2
AR 6 2.5 Diesel	[8144.67.220]	04.85- 12.89	110890	14 55				
AR 8 2.4 Diesel	[8140.21.200D.I.]	04.85- 12.89 04.85- 12.88 04.85- 12.88	110882 111418 115873	14 45 14 60 14 55	A49	04.85- 12.88	110814	12 2.7
	[8140.61.200]	04.78- 12.89 04.85- 12.88	110882 110890	14 45 14 55		04.78- 08.86	110814	12 2.7
AR 8 2.4 TD	[8140.21.200D.I.]	04.85- 12.88 04.85- 12.89 04.85- 12.89	110890 111418 115873	14 55 14 60 14 55	A49	04.85- 12.89	110814	12 2.7
Arna 1.2	[AR30500]	01.85- 12.86	110890	14 55				
Brera 1.7 Tbi	[939B1.000]					05.09-	115563	12 1.4
Brera 2.0 JTDM	[844A2.000]	03.08- 03.08-	114493 115429	14 100 14 120		03.08-	116045	12 1.4



	[939B3.000]	05.09- 05.09-	114493 115429	14 100 14 120		05.09-	116045	12 1.4
Brera 2.2 JTS	[939A5.000]	01.06-	114829	14 120		01.06-	115360	12 1.4
Giulietta 1.4 TB	[198A4.000]	04.10-	114806	14 120		04.10-	115312	12 1.1
	[940A2.000]	04.10-	115874	14 120 A49				
		04.10-	114806	14 120		04.10-	115312	12 1.1
		04.10-	115874	14 120 A49				
	[940B7.000]	04.10-	114806	14 120		04.10-	115312	12 1.1
		04.10-	115874	14 120 A49				
Giulietta 1.6 JTDM	[940A3.000]	04.10-	116094	14 120		A25 04.10-	115399	12 1.4
Giulietta 1.8 TBI	[940A1.000]					04.10-	115563	12 1.4
Giulietta 2.0 JTDM	[940A4.000]	04.10-	115932	14 120		04.10-	115717	12 1.7
		04.10-	116094	14 120				
Giulietta 1.3	[AR01644]	07.80- 04.85	111153	14 55				
Giulietta 1.4 TB	[940A2.000]	09.14-	114806	14 120		09.14-	115312	12 1.1
		09.14-	115457	14 120				
		09.14-	115874	14 120 A49				
		04.10-	114806	14 120		04.10-	115312	12 1.1
		04.10-	115874	14 120 A49				
		04.11-	114806	14 120		04.11-	115312	12 1.1
		04.11-	115874	14 120 A49				
		[940B8.000]	04.11-	114806	14 120		04.11-	115312
		04.11-	115874	14 120 A49				
	[955A8.000]	04.10-	114806	14 120		04.10-	115312	12 1.1
		04.10-	115874	14 120 A49				
Giulietta 1.4 BiFuel	[198A4.000]	12.11-	114806	14 120		12.11-	115312	12 1.1
		12.11-	115874	14 120 A49				
Giulietta 1.6	[AR01600]	07.80- 04.85	111153	14 55				
Giulietta 1.6 JTDM	[940C1.000]	02.15-	116094	14 120		02.15-	115399	12 1.4
	[940C5.000]	02.15-	116094	14 120		02.15-	115399	12 1.4
Giulietta 1.8	[AR01678]	07.80- 04.85	111153	14 55				
Giulietta 1.8 TBI	[940A1.000]	04.10- 09.13	115429	14 120		04.10- 09.13	115563	12 1.4
Giulietta 1.8 Turbo	[AR01354]	01.84- 12.85	111153	14 55				
Giulietta 1.9 Turbo	[AR01699]	07.83- 06.84	111153	14 55				
Giulietta 2.0	[AR01655]	06.80- 04.85	111153	14 55				
	[AR11671]	06.80- 04.85	111153	14 55				
Giulietta 2.0 JTDM	[940A5.000]	04.10-	115932	14 120		04.10-	115717	12 1.7
		04.10-	116094	14 120				
		04.10-	115932	14 120		04.10-	115717	12 1.7
		04.10-	116094	14 120				
		04.10-	115932	14 120		04.10-	115717	12 1.7
		04.10-	116094	14 120				
		11.13-	115932	14 120		11.13-	115717	12 1.7
		11.13-	116094	14 120				
	[940B5.000]	08.13-	115932	14 120		08.13-	115717	12 1.7
		08.13-	116094	14 120				
	[940B6.000]	04.10-	115932	14 120		04.10-	115717	12 1.7
		04.10-	116094	14 120				
Giulietta 2.0 TD	[VM4HT]	03.83- 04.85	110890	14 55				
GT 1.8 TS	[AR32205]					Chas. -VET13873 11.03-	111685	12 1.4
GT 1.9 JTD	[937A5.000]	11.03-	112461	14 150		11.03-	113430	12 1.8
	[937A6.000]	05.08-	113943	14 100		05.08-	113931	12 1.7
GT 2.0 JTS	[932A2.000]	12.06-	113536	14 90		Chas. -VET13873 11.03-	111685	12 1.4
	[937A1.000]					Chas. -VET13873 11.03-	111685	12 1.4
GTA 3.2	[936A.000]	11.03-	113836	14 120				
GTV 1.8 16V	[AR32201]	05.98-	113942	14 100		03.98- 12.00	111685	12 1.4
		AC 05.98-	111409	14 100				
GTV 2.0	[AR01655]	07.80- 01.86	111153	14 55				
	[AR06212]	07.80- 01.86	111153	14 55				
GTV 2.0 16V	[AR32301]	08.00-	113536	14 90		05.98- 08.00	111685	12 1.4
		05.98-	111409	14 100				
		05.98- 08.00	113942	14 100				
GTV 2.0 JTS	[937A1.000]					Chas. VET7015327- 04.03-	111685	12 1.4
GTV 2.0 Turbo V6	[AR16202]	08.00-	113536	14 90				
GTV 2.0 Twin Spark 16V	[AR16201]	06.95-	113942	14 100		04.95- 09.00	111685	12 1.4
	[AR32310]	08.00-	113536	14 90		06.00- 06.02	111685	12 1.4
		12.95-	111409	14 100				
		A12 06.95- 05.98	111409	14 100				
GTV 3.2 V6 24V	[936A6.000]	04.03- 12.05	113836	14 120				
Mito 0.9	[199B6.000]	04.13-	115457	14 120		04.13-	116024	12 1.1
	[312A2.000]	07.11-	115457	14 120		07.11-	116024	12 1.1
						07.11-	115828	12 1.4
Mito 1.2 JTDM	[199B4.000]	01.11-	115667	14 120		01.11-	115400	12 1.4
	[199B8.000]	12.13-	115667	14 120		12.13-	115400	12 1.4
Mito 1.3 JTDM	[199A3.000]	AC 09.08-	113722	14 90 A49				
		AC 09.08-	115963	14 90				
		10.09-	113722	14 90 A49		10.09-	115400	12 1.4
		10.09-	115852	14 105				
		10.09-	115963	14 90				
		AC 10.09-	115346	14 120				
Mito 1.4	[199A6.000]	09.08-	114462	14 70		09.08-	113962	12 0.9
	[199A8.000]	09.08-	114806	14 120		09.08-	113962	12 0.9
		09.08-	115874	14 120 A49				
		03.11-	114462	14 70		03.11-	113962	12 0.9
		03.11-	115620	14 105		A25 03.11-	115312	12 1.1
		09.08-	114462	14 70		09.08-	113962	12 0.9
		03.11-	114806	14 120				
		03.11-	115647	14 90				
	03.11-	115874	14 120 A49					
	[955A6.000]					08.10-	115312	12 1.1
	[955A9.000]	05.11-	114462	14 70		A25 05.11-	115312	12 1.1
						05.11-	113962	12 0.9
Mito 1.4 TB	[199A8.000]	09.08-	114806	14 120		09.08-	113962	12 0.9
		09.08-	115874	14 120 A49				
Mito 1.4 BiFuel	[198A4.000]	04.16-	114806	14 120		04.16-	113962	12 0.9
		04.16-	115647	14 90				
		04.16-	115874	14 120 A49				

STARTERS & ALTERNATORS



ALFA ROMEO *Continued*

Mito 1.4 TB	[940A2.000]	10.09- 10.09-	114806 115874	14 120 14 120 A49		10.09-	115312	12 1.1	
	[955A2.000]	10.09- 10.09-	114806 115874	14 120 14 120 A49		10.09-	115312	12 1.1	
	[955A7.000]					10.09-	115312	12 1.1	
	[955A8.000]	10.09- 10.09-	114806 115874	14 120 14 120 A49		A25 10.09-	115312	12 1.1	
	[955B1.000]	12.13- 12.13-	114806 115874	14 120 14 120 A49		12.13-	113962	12 0.9	
	[198A1.000]					A25 09.08- 09.08-	115312 113962	12 1.1 12 0.9	
Mito 1.4 BiFuel	[198A4.000]	07.11- 07.11-	114806 115874	14 120 14 120 A49		07.11- A25 07.11-	113962 115312	12 0.9 12 1.1	
	[198A2.000]	09.08-	114493	14 100		A25 09.08- 09.08-	115399 113931	12 1.4 12 1.7	
Mito 1.6 JTDM	[955A3.000]	09.08-	114493	14 100		A25 09.08- 09.08-	115399 113931	12 1.4 12 1.7	
	[955A4.000]	09.08- 09.08-	114493 115429	14 100 14 120		09.08- A25 09.08-	113931 115399	12 1.7 12 1.4	
	[AR00526] [AR01563]	07.80- 12.94 01.90- 12.94	111153 111153	14 55 14 55					
Spider 1.6 1600	[AR00526] [AR01563]	07.80- 12.94 01.90- 12.94	111153 111153	14 55 14 55					
Spider 1.7 Tbi	[939B1.000]					05.09-	115563	12 1.4	
Spider 1.8 16V	[AR32201]	05.98- 05.98- 04.05	111409 113942	14 100 14 100		03.98- 12.00	111685	12 1.4	
	[AR00512] [AR00515]	08.00- 08.00-	113536 113536	14 90 14 90					
Spider 2.0 2000	[AR01544]	07.80- 12.94	111153	14 55					
	[AR01544]	08.00-	113536	14 90					
	[AR01544]	10.81- 12.89	111153	14 55					
	[AR01588]	08.00-	113536	14 90					
Spider 2.0 2000 Veloce	[AR00515]	08.00- 07.80- 12.89	113536 111153	14 90 14 55					
	[AR32301]	05.98- 05.98- 08.00	111409 113942	14 100 14 100		05.98-	111685	12 1.4	
Spider 2.0 JTS	[937A1.000]				Chas. VET7015327- 04.03-	111685	12 1.4		
Spider 2.0 Twin Spark 16V	[AR16201]	12.95-	111409	14 100		04.95- 09.00	111685	12 1.4	
	[AR32310]	06.95- 04.05 06.95- 04.05	113536 113942	14 90 14 100		09.00- 06.02	111685	12 1.4	
	[844A2.000]	04.09- 04.09-	114493 115429	14 100 14 120		04.09-	116045	12 1.4	
Spider 2.0 JTDM	[939B3.000]	05.09- 05.09-	114493 115429	14 100 14 120		05.09-	116045	12 1.4	
	[939A5.000]	09.06-	114829	14 120		09.06-	115360	12 1.4	
Spider 3.2 V6 24V	[936A6.000]	04.03- 02.06	113836	14 120					
Allis Chalmers									
AGRICULTURE									
310						01.80- 12.90	110640	12 3.0	
340						01.80- 12.85	110640	12 3.0	
360						01.77- 01.91	110640	12 3.0	
445						01.74- 01.89	110640	12 3.0	
460						01.77- 01.91	110640	12 3.0	
500						01.80- 01.85	110640	12 3.0	
510						01.79- 01.90	110640	12 3.0	
610						01.79- 01.90	110640	12 3.0	
Various Models		01.86- 01.93	111713	14 105		01.74- 01.86	112268	12 2.8	
		01.91-	111419	28 55		01.77- 01.83	110813	12 2.7	
						01.77- 01.97	110640	12 3.0	
						01.84- 01.85	110604	12 2.8	
						01.70- 01.83	110615	12 2.8	
						01.74- 12.75	110491	12 1.4	
Various Models FD 3,5,7,9,10		10.90-	111419	28 55					
Various Models FL 4,7,8,9,10,14,20		11.70- 07.78	110611	14 55					
		03.86- 01.92	111419	28 55					
		01.73- 06.81	112097	28 30					
Various Models FR 9,10,35,130,160,220		01.85-	111419	28 55					
Alpina									
PASSENGER CARS EU									
Roadster 4.8 V8	[F5]					06.02-	112553	12 1.7	
Arctic Cat									
MOTOR BIKES									
Arctic Cat 700 0.7	[Lombardini]		114411	14 40					
Arona									
MARINE									
AD 295 M							115344	12 2.3	
AD 395 M							115344	12 2.3	
AD 4100 M							115344	12 2.3	
AD 495 M							115344	12 2.3	
AD 952 PM							115344	12 2.3	
AD 953 PM							115344	12 2.3	
AD 954 PM							115344	12 2.3	
Various Models	[AD...]	02.78- 09.82- 12.88	116131 111662	14 33 A49 14 33		02.78- 02.78- 07.76- 12.88 02.78- 12.88	115344 112034 112172 113268	12 2.3 12 1.7 12 1.6 12 1.6	
	Asia Motors								
	PASSENGER CARS EU								
	Rocsta 2.2 Diesel 4x4	[R2]					06.93-	110389	12 2.0
Astra									
INDUSTRI									
BM20M Dumper		01.77- 12.85	112097	28 30					
BM25 Dumper		01.78- 01.82	112097	28 30					
BM304 Dumper		01.82- 01.89	112097	28 30					
MR Dumper		01.77- 12.85	112097	28 30					



Atlas Copco									
MISCELLANEOUS									
PR 425 8.5	[F6L413]	04.80- 12.86	110766	28	27				
ST 35 2.8	[F3L912]					01.73- 12.86	110536	12	2.7
						01.73- 12.86	116139	12	3.0 A49
						01.73- 12.86	116312	12	2.7 BO
ST 48 3.8	[F4L912]					02.73- 12.86	110536	12	2.7
						02.73- 12.86	116139	12	3.0 A49
						02.73- 12.86	116312	12	2.7 BO
ST 71 5.6	[F6L912]					02.73- 12.86	113467	12	3.7
ST 95 5.6	[BF6L912]					03.73- 12.86	113467	12	3.7
STS 35 2.8	[F3L912]					02.73- 12.86	110536	12	2.7
						02.73- 12.86	116139	12	3.0 A49
						02.73- 12.86	116312	12	2.7 BO
STS 48 3.8	[F4L912]					02.73- 12.86	110536	12	2.7
						02.73- 12.86	116139	12	3.0 A49
						02.73- 12.86	116312	12	2.7 BO
STS 71 5.6	[F6L912]					02.73- 12.86	113467	12	3.7
STS 95 5.6	[BF6L912]					02.73- 12.86	113467	12	3.7
US 85 1.9	[F2L912]					02.72- 12.86	114181	12	1.9
Various Models			110801	28	45		113269	12	3.0
							115347	24	7.5
						01.75-	110615	12	2.8
							116379*	12	3.2
						01.75-	110460	12	2.8
						01.75-	111737	12	2.8
						08.74- 12.84	111004	12	2.4
						08.69- 12.79	113467	12	3.7
						01.95-	113478	12	2.8
						08.78- 12.84	110536	12	2.7
							116139	12	3.0 A49
							116312	12	2.7 BO
Audi									
PASSENGER CARS EU									
50 1.1	[HB]	08.74- 07.78	110360	14	45				
	[HC]	08.74- 07.77	110360	14	45				
50 1.3	[HH]	08.77- 08.78	110360	14	45				
80 1.3	[EP]	08.81- 07.83	111139	14	75	08.81- 07.86	110865	12	0.95
		08.81- 07.83	111653	14	45				
		08.83- 07.85	110919	14	70				
	[FY]	09.78- 07.81	110913	14	70				
		01.80- 07.81	110360	14	45				
	[FZ]	09.78- 07.81	110360	14	45				
		09.78- 07.81	110913	14	70				
80 1.4	[SE]	08.87- 08.91	112149	14	65	08.86- 08.91	112321	12	1.1
80 1.6	[ABB]	08.90- 10.91	111094	14	65	08.90- 10.91	112321	12	1.1
						AT 08.90- 10.91	110865	12	0.95
	[ABM]	09.91- 01.92	112149	14	65	01.92- 01.96	112321	12	1.1
	[DT]	08.83- 07.85	110919	14	70				
		08.85- 07.86	112149	14	65				
	[PP]	08.87- 09.91	112149	14	65	08.87- 08.91	112321	12	1.1
	[RN]	09.86- 08.91	112149	14	65	09.86- 08.91	112321	12	1.1
	[SA]	02.86- 07.86	112149	14	65				
	[WV]	08.80- 07.83	111653	14	45	08.81- 07.83	110865	12	0.95
	[YN]	08.78- 07.80	110911	14	55				
		08.80- 07.83	111653	14	45				
	AC	08.78- 07.80	111139	14	75				
	[YP]	08.78- 07.80	110911	14	55				
		08.80- 02.83	111139	14	75				
		08.80- 02.83	111653	14	45				
	AC	08.78- 07.80	111139	14	75				
	[YT]	09.78- 07.79	110911	14	55				
	[YY]	09.78- 07.79	110911	14	55				
80 1.6 E	[ADA]					06.93- 01.96	112321	12	1.1
80 1.6 GLE	[YZ]	01.79- 07.80	110911	14	55				
		08.80- 06.82	111139	14	75				
	AC	01.79- 07.80	111139	14	75				
80 1.6 GTE	[YS]	01.76- 07.76	111139	14	75				
80 1.6 Diesel	[CR]					04.90- 08.91	111694	12	1.8
	[JK]	08.85- 08.91	111094	14	65	04.90- 08.91	111694	12	1.8
		08.85- 08.86	112735	14	45				
		09.86- 08.91	112729	14	90				
80 1.6 TD	[CY]	08.81- 07.84	111653	14	45	04.90- 08.91	111694	12	1.8
		08.84- 05.86	112735	14	45				
		08.85- 05.86	111094	14	65				
	AC	08.81- 07.84	111139	14	75				
	[RA]	09.86- 08.91	111094	14	65	09.86- 08.91	111694	12	1.8
		09.86- 08.91	112729	14	90				
	AC	09.86- 08.91	112729	14	90				
	[SB]	09.86- 08.91	111094	14	65	04.90- 08.91	111694	12	1.8
		09.86- 08.91	112729	14	90				
	AC	09.86- 08.91	112729	14	90				
80 1.8	[DS]	01.83- 07.83	111139	14	75	01.83- 08.86	110865	12	0.95
		08.83- 07.85	110919	14	70				
		08.85- 08.86	112149	14	65				
	[JN]	08.83- 07.85	110919	14	70	01.83- 08.86	110865	12	0.95
		08.85- 08.86	112149	14	65				
	[JV]	01.83- 08.86	110919	14	70	01.83- 08.86	110865	12	0.95
		01.83- 08.86	112149	14	65				
	[RU]	10.86- 01.90	112149	14	65	AT 10.86- 01.90	110865	12	0.95
	[SD]	09.87- 07.88	112149	14	65				
	[SF]	02.86- 07.86	112149	14	65	02.86- 07.86	110865	12	0.95
80 1.8 Quattro	[JN]	08.85- 07.88	112149	14	65	08.84- 08.86	110865	12	0.95
	[JV]	08.84- 08.86	110919	14	70	08.84- 08.86	110865	12	0.95
		08.84- 08.86	112149	14	65				
	[NE]	08.84- 07.85	110919	14	70	08.84- 08.86	110865	12	0.95
		08.85- 07.88	112149	14	65				

STARTERS & ALTERNATORS



Application list

AUDI Continued

	[SD]	09.86- 10.91	112149	14 65				
	[SF]	09.86- 07.90	112149	14 65				
80 1.8 E	[DZ]	06.86- 08.91	112149	14 65		06.86- 08.86	110865	12 0.95
80 1.8 E Quattro	[DZ]	09.86- 08.91	112149	14 65				
80 1.8 GTE	[DZ]	10.84- 07.85	110919	14 70		01.83- 08.86	110865	12 0.95
		08.85- 08.86	112149	14 65				
	[PV]	03.85- 08.86	112149	14 65		08.85- 08.86	110865	12 0.95
80 1.8 GTE Quattro	[DZ]	08.84- 07.85	110919	14 70		01.83- 08.86	110865	12 0.95
		08.85- 08.86	112149	14 65				
	[PV]	03.85- 08.86	112149	14 65		08.84- 08.86	110865	12 0.95
80 1.8 S	[JN]	09.86- 10.91	112149	14 65				
	[NE]	09.86- 10.91	112149	14 65				
	[PM]	09.86- 10.91	112149	14 65		AT 09.86- 10.91	110865	12 0.95
	[SF]	09.86- 08.91	112149	14 65				
80 1.8 S Quattro	[JN]	09.86- 09.91	112149	14 65				
	[NE]	09.86- 07.88	112149	14 65				
	[PM]	08.90- 09.91	112149	14 65				
80 1.9	[WN]	09.81- 07.83	111139	14 75		09.82- 07.83	111010	12 1.4
80 1.9 Diesel	[1Y]	08.89- 08.91	111094	14 65		04.90- 01.96	111694	12 1.8
		08.89- 08.91	112729	14 90				
80 1.9 TD	[AAZ]	09.91- 01.96	111676	14 90		09.91- 01.96	111694	12 1.8
80 1.9 TDi	[1Z]	09.91- 01.96	111676	14 90		09.91- 01.96	111694	12 1.8
80 2.0	[ABK]	09.91- 07.92	111154	14 65		09.91- 01.96	112321	12 1.1
		09.91- 07.92	112149	14 65				
	[ABT]	09.91- 07.92	112149	14 65		09.91- 01.96	112321	12 1.1
	[HP]	10.83- 09.84	110919	14 70		10.83- 09.84	111010	12 1.4
	[JS]	10.83- 09.84	110919	14 70		10.83- 09.84	111010	12 1.4
	[AAD]	08.88- 12.91	112149	14 65		AT 10.90- 08.91	110865	12 0.95
80 2.0 Quattro	[3A]	10.90- 08.91	112149	14 65				
	[ABK]	09.91- 10.91	112149	14 65		09.91- 01.96	112321	12 1.1
	[JS]	08.83- 07.84	110919	14 70		10.83- 07.84	111010	12 1.4
	[AAD]	10.90- 08.91	112149	14 65				
80 2.0 16V	[ACE]					08.92- 01.96	112321	12 1.1
80 2.0 16V E	[6A]					09.91- 07.92	112321	12 1.1
80 2.0 16V Quattro	[ACE]					04.92- 01.96	112321	12 1.1
80 2.0 E 16V Quattro	[6A]					09.91- 07.92	112321	12 1.1
80 2.0 E	[3A]	08.88- 09.91	112149	14 65		AT 08.88- 10.90	110865	12 0.95
80 2.0 E Quattro	[3A]	08.88- 09.90	112149	14 65				
80 2.2	[WE]	10.80- 07.81	110911	14 55		10.80- 08.83	111010	12 1.4
		10.80- 07.81	111139	14 75				
80 2.2 Quattro	[KK]					08.82- 07.84	111010	12 1.4
	[KL]					08.82- 07.84	111010	12 1.4
80 2.2 S2 Quattro	[ABY]					02.93- 01.96	111010	12 1.4
80 2.2 RS2 Quattro	[ADU]					03.94- 01.96	111010	12 1.4
80 2.3	[NG]	09.91- 01.96	112750	14 90		09.91- 01.96	111010	12 1.4
80 2.3 Quattro	[NG]	09.91- 12.94	112750	14 90		09.91- 01.96	111010	12 1.4
80 2.6	[ABC]	07.92- 01.96	112806	14 120		07.92- 01.96	112309	12 1.4
80 2.6 Quattro	[ABC]	06.92- 05.95	112806	14 120		08.92- 01.96	112309	12 1.4
80 2.8	[AAH]	09.91- 01.96	112806	14 120		09.91- 01.96	112309	12 1.4
80 2.8 Quattro	[AAH]	09.91- 05.95	112806	14 120		09.91- 01.96	112309	12 1.4
90 1.6 TD	[CY]	08.85- 01.87	111094	14 65				
		08.85- 01.87	112729	14 90				
		08.85- 01.87	112735	14 45				
	[RA]	04.87- 03.90	111094	14 65		04.87- 09.91	111694	12 1.8
		04.87- 03.90	112729	14 90				
	[SB]	04.89- 09.91	111094	14 65		03.90- 09.91	111694	12 1.8
		04.89- 09.91	112729	14 90				
90 2.0	[HP]					10.84- 03.87	111010	12 1.4
	[JS]					10.84- 03.87	111010	12 1.4
	[PS]					AT 09.87- 10.90	110865	12 0.95
	[SK]					02.86- 03.87	111010	12 1.4
90 2.0 20V	[NM]	08.89- 07.91	112750	14 90		08.89- 07.91	111010	12 1.4
90 2.0 20V Quattro	[NM]	08.88- 09.91	112750	14 90		08.88- 09.91	111010	12 1.4
90 2.2	[HY]					10.84- 03.87	111010	12 1.4
	[KV]					10.84- 03.87	111010	12 1.4
	[KX]					01.85- 03.87	111010	12 1.4
90 2.2 E	[KV]	05.87- 07.91	112750	14 90		04.87- 07.91	111010	12 1.4
90 2.2 E Quattro	[JT]					10.84- 03.87	111010	12 1.4
	[KV]	05.87- 09.91	112750	14 90		10.84- 09.91	111010	12 1.4
90 2.3 E 20V	[7A]	08.88- 07.91	112750	14 90		08.88- 07.91	111010	12 1.4
90 2.3 E 20V Quattro	[7A]	06.88- 09.91	112750	14 90		06.88- 09.91	111010	12 1.4
90 2.3 E	[NG]	04.87- 07.91	112750	14 90		04.87- 07.91	111010	12 1.4
90 2.3 E Quattro	[NG]	04.87- 09.91	112750	14 90		04.87- 09.91	111010	12 1.4
100 1.6	[YV]	08.76- 02.83	111653	14 45				
100 1.8	[4B]	01.88- 11.90	112149	14 65				
	[DR]	06.83- 10.86	110919	14 70		08.82- 10.86	110865	12 0.95
	[DS]	05.83- 07.89	110919	14 70		05.83- 07.87	110865	12 0.95
	[JW]	03.83- 07.89	110919	14 70		03.83- 07.87	110865	12 0.95
	[NP]	04.85- 07.89	110919	14 70		04.85- 07.87	110865	12 0.95
		01.88- 11.90	112149	14 65				
	[PH]	04.85- 07.89	110919	14 70		04.85- 07.87	110865	12 0.95
		01.88- 11.90	112149	14 65				
	[RS]	11.86- 08.87	112149	14 65		11.86- 08.87	110865	12 0.95
	[SH]	02.86- 07.90	112149	14 65		08.86- 07.87	110865	12 0.95
100 1.8 Quattro	[4B]	01.88- 12.90	112149	14 65				
	[JW]	04.85- 12.87	110919	14 70		04.85- 07.87	110865	12 0.95
	[NP]	08.85- 12.90	110919	14 70		08.85- 07.88	110865	12 0.95
		01.88- 12.90	112149	14 65				
	[PH]	04.85- 07.88	110919	14 70		04.85- 07.88	110865	12 0.95
		08.88- 12.90	112149	14 65				
	[SH]	08.86- 07.90	112149	14 65		02.86- 07.87	110865	12 0.95
100 1.9	[WH]	08.80- 07.81	110911	14 55		08.82- 07.84	111010	12 1.4
		08.80- 07.81	111139	14 75				
		06.83- 07.84	110919	14 70				
100 2.0	[ABK]					08.92- 07.94	112321	12 1.1
	[KP]					08.84- 10.87	111010	12 1.4
	[RT]					01.88- 11.90	111010	12 1.4



	[SL]					08.86- 10.87	111010	12	1.4
	[WA]	06.76- 07.80	110911	14	55				
	[AAD]	12.90- 07.91	112149	14	65	08.91- 01.93	112321	12	1.1
	[AAE]	12.90- 06.94	112149	14	65	08.91- 07.94	112321	12	1.1
100 2.0 Quattro	[AAD]					08.91- 07.92	112321	12	1.1
100 2.0 16V	[ACE]					01.92- 06.94	112321	12	1.1
100 2.0 16V Quattro	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E 16V	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E 16V Quattro	[ACE]					07.92- 06.94	112321	12	1.1
100 2.0 E	[KP]					08.84- 10.87	111010	12	1.4
	[RT]					01.88- 11.90	111010	12	1.4
100 2.0 Diesel	[CN]	08.78- 11.90	111094	14	65	08.78- 07.85	111112	12	2.0
		08.83- 11.90	112729	14	90	08.85- 07.89	112537	12	2.2
		08.85- 07.88	112149	14	65				
100 2.0 TD	[DE]	08.82- 02.88	112729	14	90	08.85- 10.87	112537	12	2.2
		08.85- 02.88	111094	14	65	11.81- 07.85	111112	12	2.0
	[NC]	03.88- 11.90	111094	14	65	03.88- 11.90	112537	12	2.2
		03.88- 11.90	112729	14	90				
100 2.1	[KF]					08.82- 07.84	111010	12	1.4
	[WB]	10.77- 07.81	110911	14	55				
		10.77- 07.81	111139	14	75				
	[WC]	03.77- 07.81	110911	14	55	08.82- 07.84	111010	12	1.4
		03.77- 07.81	111139	14	75				
	[WE]	10.77- 07.81	110911	14	55	10.77- 07.82	111010	12	1.4
		10.77- 07.81	111139	14	75				
	[WG]	03.77- 07.81	110911	14	55	03.77- 07.82	111010	12	1.4
		03.77- 07.81	111139	14	75				
100 2.2	[HX]					08.84- 11.90	111010	12	1.4
	[KF]					08.82- 07.84	111010	12	1.4
	[KU]					08.84- 11.90	111010	12	1.4
	[KZ]					10.84- 09.86	111010	12	1.4
	[WB]	07.77- 07.81	110911	14	55				
		07.77- 07.82	111139	14	75				
		AC 07.77- 07.82	111139	14	75				
	[WC]	07.77- 07.81	110911	14	55				
		07.77- 07.81	111139	14	75				
	[WE]	07.77- 07.81	110911	14	55				
		07.77- 07.82	111139	14	75				
		AC 07.77- 07.82	111139	14	75				
	[WG]	07.77- 07.80	110911	14	55				
		07.77- 07.80	111139	14	75				
	[WU]					08.82- 07.84	111010	12	1.4
100 2.2 Quattro	[HX]					06.89- 11.90	111010	12	1.4
	[KU]					08.84- 11.90	111010	12	1.4
100 2.2 E Turbo Quattro	[MC]	01.89- 11.90	112750	14	90	03.86- 11.90	111010	12	1.4
100 2.2 E Quattro	[PX]					08.85- 07.86	111010	12	1.4
100 2.2 Turbo	[MC]	01.89- 11.90	112750	14	90	04.86- 11.90	111010	12	1.4
						04.86- 11.90	112537	12	2.2
100 2.2 Turbo Quattro	[MC]	08.86- 01.89	112750	14	90	03.86- 11.90	111010	12	1.4
100 2.3	[NF]	07.87- 11.90	112750	14	90	10.86- 07.94	111010	12	1.4
		12.90- 06.94	112806	14	120				
	[AAR]	12.90- 06.94	112750	14	90	12.90- 07.94	111010	12	1.4
		08.91- 06.94	112806	14	120				
100 2.3 Quattro	[NF]	01.90- 11.90	112750	14	90	12.90- 07.94	111010	12	1.4
	[AAR]	12.90- 06.94	112750	14	90	12.90- 07.94	111010	12	1.4
		12.90- 06.94	112806	14	120				
100 2.3 E	[NF]	07.87- 11.90	112750	14	90	10.86- 07.94	111010	12	1.4
100 2.3 E Quattro	[NF]	08.86- 11.90	112750	14	90	08.86- 11.90	111010	12	1.4
100 2.4 Diesel	[3D]	08.89- 11.90	112750	14	90	08.89- 11.90	112537	12	2.2
	[AAS]	05.91- 06.94	112750	14	90	05.91- 07.94	112537	12	2.2
100 2.5 TDi	[1T]	01.90- 11.90	112750	14	90	01.90- 11.90	112537	12	2.2
	[ABP]					06.91- 07.94	112537	12	2.2
	[AAT]	12.90- 06.94	113758	14	120	06.91- 07.94	112537	12	2.2
100 2.6	[ABC]	03.92- 06.94	112806	14	120	04.92- 07.94	112309	12	1.4
	[ACZ]	07.93- 02.96	112806	14	120	01.93- 07.94	112309	12	1.4
100 2.6 Quattro	[ABC]	04.92- 06.94	112806	14	120	03.92- 07.94	112309	12	1.4
100 2.8 E	[AAH]	12.90- 06.94	112806	14	120	12.90- 07.94	112309	12	1.4
100 2.8 E Quattro	[AAH]	12.90- 06.94	112806	14	120	12.90- 07.94	112309	12	1.4
200 2.1 E	[WC]					08.83- 07.84	111010	12	1.4
200 2.1 Turbo	[KG]	AT 08.85- 01.88	112729	14	90	08.83- 01.88	111010	12	1.4
200 2.1 Turbo Quattro	[KG]					11.84- 12.87	111010	12	1.4
200 2.2	[KU]					08.84- 07.85	111010	12	1.4
200 2.2 E	[WC]	10.79- 07.81	111139	14	75				
200 2.2 Turbo 20V Quattro	[3B]	03.89- 12.90	112750	14	90	03.89- 12.90	111010	12	1.4
200 2.2 Turbo	[1B]	08.88- 12.91	112729	14	90	02.88- 12.91	111010	12	1.4
		08.88- 12.91	112750	14	90				
	[2B]	02.88- 12.91	112729	14	90				
		08.88- 12.91	112750	14	90				
	[MC]	03.88- 12.91	112750	14	90	08.85- 12.91	111010	12	1.4
	[WJ]	09.79- 07.81	110911	14	55				
		10.79- 07.81	111139	14	75				
200 2.2 Turbo Quattro	[1B]	08.88- 11.90	112750	14	90	02.88- 11.90	111010	12	1.4
	[MC]	01.85- 08.88	112729	14	90	01.85- 12.90	111010	12	1.4
		01.89- 12.91	112750	14	90				
200 2.3	[NF]	11.86- 09.91	112750	14	90	11.86- 09.91	111010	12	1.4
A1 1.2 TFSI	[CBZA]					A25 05.10-	115401	12	2.2
A1 1.2 TFSI Sportback	[CBZA]	01.12-	116207*	14	110	01.12-	114034	12	1.0
A1 1.4 TFSI	[CAVG]	01.11-	113861	14	110	01.11-	115612	12	1.2
		01.11-	114884	14	140				
	[CAXA]	05.10-	115528	14	140 A49	A25 05.10-	115401	12	2.2
		05.10-	116345*	14	140	05.10-	115612	12	1.2
						A50 05.10-	115337	12	2.0
	[CNVA]	05.10-	115528	14	140 A49	05.10-	115401	12	2.2
		05.10-	116345*	14	140	05.10-	115612	12	1.2
						AT 05.10-	115337	12	2.0
	[CPTA]	04.12-	115916	14	140	6SP 04.12-	115964	12	2.0
						DKG 04.12-	115337	12	2.0

STARTERS & ALTERNATORS



Application list

AUDI Continued

	[CTHG]	01.11- 01.11-	113861 114884	14 110 14 140		01.11-	115612	12 1.2
	[CTJA]	01.11- 01.11-	113861 114884	14 110 14 140		01.11-	115612	12 1.2
	[CZCA]					11.14-	115612	12 1.2
	[CZDB]					11.14-	115612	12 1.2
A1 1.4 TFSI Sportback	[CAVG]	11.11- 11.11-	113861 114884	14 110 14 140		11.11-	115612	12 1.2
	[CAXA]	11.11- 11.11- 11.11-	114884 115528 116345*	14 140 14 140 A49 14 140	A25 11.11- 11.11- 11.11-	115401 115612 114163	12 2.2 12 1.2 12 1.1	
	[CNVA]	11.11- 11.11- 11.11-	114884 115528 116345*	14 140 14 140 A49 14 140	A50 11.11- A25 11.11- 11.11-	115337 115401 115612	12 2.0 12 2.2 12 1.2	
	[CPTA]	04.12-	115916	14 140		11.11- 6SP 04.12- DKG 04.12-	114163 115964 115337	12 1.1 12 2.0 12 2.0
	[CTHG]	11.11- 11.11-	113861 114884	14 110 14 140		11.11-	115612	12 1.2
	[CTJA]	11.11- 11.11-	113861 114884	14 110 14 140		11.11-	115612	12 1.2
	[CZCA]					11.14-	115612	12 1.2
	[CZDB]					11.14-	115612	12 1.2
A1 1.4 TDi	[CUSB]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 1.4 TDi Sportback	[CUSB]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 1.6 TDi	[CAYB]	03.11- 03.11- 03.11-	113992 115370 115433	14 140 14 110 14 140		A25 03.11- 03.11-	115336 115634	12 2.2 12 1.8
	[CAYC]	05.10-	115433	14 140		05.10-	115336	12 2.2
	[CXMA]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 1.6 TDi Sportback	[CAYB]	11.11- 11.11- 11.11-	113992 115370 115433	14 140 14 110 14 140		A25 11.11- A25 11.11- 11.11- 11.11-	115336 115401 115634 114299	12 2.2 12 2.2 12 1.8 12 1.7
	[CAYC]	11.11- 11.11-	115370 115433	14 110 14 140		11.11- A25 11.11-	114299 115336	12 1.7 12 2.2
	[CXMA]					11.14- 11.14-	115336 115610	12 2.2 12 2.0
A1 2.0 TFSI Quattro	[CDLH]	03.12-	115433	14 140		03.12-	113773	12 1.1
A1 2.0 TDi	[CFHB]	05.12- 05.12- 05.12-	113992 115370 115433	14 140 14 110 14 140		05.12- 05.12-	113841 115402	12 1.7 12 1.8
	[CFHD]	09.11- 09.11- 09.11-	113992 115370 115433	14 140 14 110 14 140		09.11- A25 09.11-	113841 115402	12 1.7 12 1.8
A1 2.0 TDi Sportback	[CFHB]	05.12- 05.12-	115370 115433	14 110 14 140		05.12- A25 05.12-	113841 115402	12 1.7 12 1.8
A2 1.2 TDi	[ANY]	02.00-	113275	14 120				
A2 1.4	[AUA]	02.00- 08.05 02.00- 08.05 AC 02.00-	113887 115482 111989	14 90 14 90 A49 14 90		06.00-	112435	12 1.1
	[BBY]	02.00- 08.05 02.00- 08.05 AC 11.01-	113887 115482 111989	14 90 14 90 A49 14 90		06.00-	112435	12 1.1
A2 1.4 TDi	[AMF]	02.00- 08.05	113275	14 120		09.99- 08.03 02.00-	115503 111900	12 1.8 A49 12 1.8
	[ATL]					11.03- 11.03- 08.05	111900 115503	12 1.8 12 1.8 A49
	[BHC]	02.00-	113275	14 120		05.03- 08.05 02.00-	115503 111900	12 1.8 A49 12 1.8
A2 1.6 FSi	[BAD]					01.02- 08.05	113515	12 0.9
A3 1.0 TFSI	[CHZD]					07.16-	115612	12 1.2
A3 1.0 TFSI Sportback	[CHZD]					07.16-	115612	12 1.2
A3 1.2 TFSI	[CJZA]	02.13-	115916	14 140		02.13- 02.13-	115945 115612	12 1.4 12 1.2
	[CYVB]					05.14-	115612	12 1.2
A3 1.2 TFSI Sportback	[CYVB]					05.14-	115612	12 1.2
A3 1.2 TFSI Sportsback	[CJZA]	05.13-	115916	14 140		05.13- 05.13-	115945 115612	12 1.4 12 1.2
A3 1.2 TSI	[CBZB]	03.10- 05.13 03.10- 05.13 04.10- 08.12	115765 115767 116207*	14 140 14 140 14 110		03.10- 08.12 03.10- AT 04.10- 08.12 A44 04.10- 08.12	115645 114175 115611 115337	12 2.0 12 1.1 12 1.1 12 2.0
A3 1.2 TSI Sportback	[CBZB]	04.10- 03.13 04.10- 03.13 04.10- 03.13	115765 115767 116207*	14 140 14 140 14 110		A44 04.10- AT 04.10- 03.13 04.10- 04.10-	115337 115611 115645 114175	12 2.0 12 1.1 12 2.0 12 1.1
A3 1.4 TFSI	[CAXC]	09.07- 08.12 09.07- 08.12 09.07- 03.13 09.07- 03.13 09.07- 08.12	114769 115528 115707 115854 116345*	14 110 14 140 A49 14 110 14 110 14 140		05.13- 09.07-	115338 114163	12 2.0 12 1.1
	[CMBB]	04.12-	115916	14 140		04.12- AT 08.12- 09.13-	115818 115612 115612	12 1.1 12 1.2 12 1.2
	[CMSA]	04.10- 08.12 04.10- 08.12 04.10- 08.12	115528 115854 116345*	14 140 A49 14 110 14 140		04.10- 08.12	115611	12 1.1
	[CPTA]	03.13-	115916	14 140		10.12-	115818	12 1.1
	[CXSA]	04.12-	115916	14 140		A25 04.12- AT 08.12- 09.13-	115818 115612 115612	12 1.1 12 1.2 12 1.2



	[CXSB]	09.13-	115916	14 140		09.13- 09.13- 02.14-	115818 115612 115944	12 1.1 12 1.2 12 1.7	
	[CZCA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7	
	[CZCC]					02.16- 02.16-	115612 115818	12 1.2 12 1.1	
	[CZEA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7	
A3 1.4 TFSi Sportback	[CMBA]	09.12-	115916	14 140		A25 09.12- AT 09.12-	115818 115612	12 1.1 12 1.2	
	[CXSA]	09.12-	115916	14 140		A25 09.12- AT 09.12-	115818 115612	12 1.1 12 1.2	
	[CXSB]					A25 05.14- 05.14- 05.14-	115818 115944 115612	12 1.1 12 1.7 12 1.2	
	[CZCA]					A25 05.14- 05.14- 05.14-	115818 115944 115612	12 1.1 12 1.7 12 1.2	
	[CZEA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7	
A3 1.4 TFSi Sportsback	[CPTA]	03.13-	115916	14 140		03.13-	115818	12 1.1	
A3 1.4 TFSi G-Tron Sportback	[CPWA]					11.13- 11.13-	115818 115944	12 1.1 12 1.7	
A3 1.5 TFSi	[DADA]					05.17- 05.17-	115560 116272*	12 1.7 12 1.1	
A3 1.6	[AEH]	09.96- 04.98 09.96- 05.03 05.98- 05.98- 06.01 05.98- 06.01 AC 05.98-	111820 112002 112075 115482 115483 111989	14 90 14 120 A47 14 70 14 90 A49 14 120 A49 14 90		09.96- 06.98 AT 07.98- 06.98- 06.01	111748 111909 115504	12 1.1 12 1.1 12 1.1 A49	
	[AKL]	09.96- 05.03 08.97- 04.98 05.98- 05.98- 06.01 05.99- 06.01 AC 05.98-	112002 111820 112075 115482 115483 111989	14 120 A47 14 90 14 70 14 90 A49 14 120 A49 14 90		08.97- 06.98 AT 07.98- 08.97- 06.01 07.98- 06.01	111748 111909 112005 115504	12 1.1 12 1.1 12 1.1 12 1.1 A49	
	[APF]	09.96- 05.03 08.98- 08.00 08.98- 08.00 06.99- AC 06.99-	112002 115482 115483 112075 111989	14 120 A47 14 90 A49 14 120 A49 14 70 14 90		06.99- 08.98- 08.00	111909 115504	12 1.1 12 1.1 A49	
	[AVU]	05.00- 04.02 05.00- 04.02 08.00- 05.03 08.00- 05.03	115482 115483 111989 112002	14 90 A49 14 120 A49 14 90 14 120 A47		05.00- 05.00- 04.02	111909 115504	12 1.1 12 1.1 A49	
	[BFQ]	08.00- 04.02 08.00- 05.03 08.00- 04.02 08.00- 04.02 08.00- 04.02	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		08.00- 04.02 08.00- 04.02	111909 115504	12 1.1 12 1.1 A49	
	[BGU]	05.03-	113992	14 140		05.03-	113773	12 1.1	
	[BSE]	06.05-	113992	14 140					
	[BSF]	06.05-	113992	14 140					
A3 1.6 Sportback	[BGU]	09.04-	113992	14 140		AT 09.04-	113773	12 1.1	
	[BSE]	06.05-	113992	14 140		DSG 06.05- 03.13	115611	12 1.1	
	[BSF]	06.05-	113992	14 140					
A3 1.6 FSi	[BAG]	08.03- 09.07	114769	14 110		08.03-	113773	12 1.1	
	[BLF]	01.05- 09.07	114769	14 110					
	[BLP]	08.03- 12.04	114769	14 110		08.03-	113773	12 1.1	
A3 1.6 FSi Sportback	[BLF]	01.05-	114769	14 110					
	[BLP]	09.04-	114769	14 110		09.04-	113773	12 1.1	
A3 1.6 E-Power	[CCSA]	01.11- 08.12	113992	14 140		01.11- 08.12	114176	12 1.0	
	[CMXA]	01.11-	113992	14 140		01.11-	114176	12 1.0	
A3 1.6 Sportback E-Power	[CCSA]	01.11- 03.13	113992	14 140		01.11- 03.13	114176	12 1.0	
	[CMXA]	01.11-	113992	14 140		01.11-	114176	12 1.0	
A3 1.6 TDi	[CAYB]	05.09- 05.09- 03.13	113992 115433	14 140 14 140		05.09- 03.13 A25 05.09- 08.12	114299 115336	12 1.7 12 2.2	
	[CAYC]	05.09- 05.13	115433	14 140 Sequential Manual Transmission (SSG)		05.09- 08.12 A25 05.09- 08.12 PR-no. 7L3 05.09- 08.12 05.09-	115376 115336 114299 114299	12 1.8 12 2.2 12 1.7 12 1.7	
	[CLHA]					A25 10.12- A50 10.12- 09.13- 09.12-	115336 115610 115336 115634	12 2.2 12 2.0 12 2.2 12 1.8	
	[CRKB]					09.13-	115336	12 2.2	
	[DDYA]	02.17-	114322	14 140		A25 02.17- A25 02.17- 02.17-	115610 115336 115634	12 2.0 12 2.2 12 1.8	
A3 1.6 TDi Quattro	[CXXB]	05.15- 05.15-	115826 116359*	14 140 A49 14 140		05.15- 05.15- 05.15-	115610 115634 115336	12 2.0 12 1.8 12 2.2	
A3 1.6 TDi Quattro Sportback	[CXXB]	05.15- 05.15-	115826 116359*	14 140 A49 14 140		05.15- 05.15- 05.15-	115610 115634 115336	12 2.0 12 1.8 12 2.2	
A3 1.6 TDi Sportback	[CRKB]					09.13-	115336	12 2.2	
A3 1.6 TDi Sportsback	[CLHA]					A25 10.12- 10.12- 10.12-	115610 115336 115634	12 2.0 12 2.2 12 1.8	
A3 1.8	[AGN]	09.96- 04.98 09.96- 05.98 05.98- 05.98- 06.01 AC 05.98-	111820 112399 112075 115482 111989	14 90 14 90 14 70 14 90 A49 14 90		AT 09.96- 06.98 07.98- AT 07.98- 07.98- 06.01 09.96- 06.98	111748 112005 111909 115504 111749	12 1.1 12 1.1 12 1.1 12 1.1 A49 12 1.1	

STARTERS & ALTERNATORS



Application list

AUDI Continued

	[APG]	08.98- 04.03	112002	14 120 A47	11.99-	112005	12 1.1	
		08.98- 04.03	115482	14 90 A49	08.98- 04.03	115504	12 1.1	A49
		08.98- 04.03	115483	14 120 A49	AT 11.99-	111909	12 1.1	
		11.99-	112075	14 70				
	AC	11.99-	111989	14 90				
A3 1.8 TFSI	[BYT]				11.06-	113773	12 1.1	
					11.06- 06.07	114163	12 1.1	
	[BZB]				DSG 04.08- 01.09	115333	12 1.0	
					11.06-	113773	12 1.1	
					06.07- 01.09	114163	12 1.1	
	[CDAA]				A24 01.09- 05.13	115611	12 1.1	
					07.08-	114163	12 1.1	
	[CJSA]				A25 04.12-	115818	12 1.1	
					AT 08.12-	115612	12 1.2	
					05.13-	115612	12 1.2	
					05.13-	115818	12 1.1	
					04.12-	115944	12 1.7	
	[CJSB]				05.13-	115612	12 1.2	
					05.13-	115818	12 1.1	
					05.13-	115944	12 1.7	
	[CNSB]				11.13-	115900	12 1.1	
A3 1.8 TFSI Quattro	[CDAA]				A24 07.08- 03.13	115611	12 1.1	
					07.08-	114163	12 1.1	
	[CJSB]				A25 03.14-	115561	12 1.7	
					08.12-	115612	12 1.2	
					08.12-	115818	12 1.1	
					08.12-	115944	12 1.7	
A3 1.8 TFSI Quattro Sportback	[CJSB]				05.13-	115612	12 1.2	
					05.13-	115818	12 1.1	
					05.13-	115944	12 1.7	
A3 1.8 TFSI Sportback	[BYT]				11.06-	113773	12 1.1	
					11.06- 06.07	114163	12 1.1	
					11.06- 06.07	115611	12 1.1	
	[BZB]				11.06-	113773	12 1.1	
					06.07- 06.08	114163	12 1.1	
	[CDAA]				A24 07.08- 03.13	115611	12 1.1	
					07.08-	114163	12 1.1	
	[CJSA]				A25 09.12-	115818	12 1.1	
					AT 09.12-	115612	12 1.2	
					09.12-	115944	12 1.7	
	[CJSB]				A25 09.12-	115818	12 1.1	
					AT 09.12-	115612	12 1.2	
					09.12-	115944	12 1.7	
A3 1.8 Turbo 20V	[AGU]	09.96- 05.98	111820	14 90	12.96- 06.98	111749	12 1.1	
		12.96-	112075	14 70	07.98- 05.03	115504	12 1.1	A49
		05.98-	111989	14 90	AT 07.98-	111909	12 1.1	
		05.98- 05.03	115482	14 90 A49	AT 12.96- 06.98	111748	12 1.1	
					07.98-	112005	12 1.1	
	AC	05.98-	111989	14 90				
	[AOA]	08.98-	112075	14 70	AT 12.96-	114308	12 1.4	
		08.98- 05.03	115482	14 90 A49	08.98- 05.03	115504	12 1.1	A49
					AT 08.98-	111909	12 1.1	
		AC	08.98-	111989	08.98-	112005	12 1.1	
	[ARZ]	07.99-	112075	14 70	07.99-	112005	12 1.1	
		07.99- 05.03	115482	14 90 A49	07.99- 05.03	115504	12 1.1	A49
		AC	07.99-	111989	AT 07.99-	111909	12 1.1	
	[AUM]	07.99-	112075	14 70	07.99-	112005	12 1.1	
		07.99- 05.03	115482	14 90 A49	07.99- 05.03	115504	12 1.1	A49
		AC	07.99-	111989	AT 07.99-	111909	12 1.1	
A3 1.8 Turbo	[AJQ]	05.98-	111989	14 90	AT 08.98- 08.00	111909	12 1.1	
		05.98-	112075	14 70	08.98- 08.00	112005	12 1.1	
		08.98-	112002	14 120 A47	08.98- 08.00	115504	12 1.1	A49
		08.98- 08.00	115482	14 90 A49				
		08.98- 08.00	115483	14 120 A49				
	[APP]	08.98-	111989	14 90	AT 08.98- 05.00	111909	12 1.1	
		08.98-	112002	14 120 A47	08.98- 05.00	112005	12 1.1	
		08.98-	112075	14 70	08.98- 05.00	115504	12 1.1	A49
		08.98- 05.00	115482	14 90 A49				
		08.98- 05.00	115483	14 120 A49				
	[ARY]	09.00-	112002	14 120 A47	09.00- 06.01	112005	12 1.1	
		09.00- 06.01	115482	14 90 A49	09.00- 06.01	115504	12 1.1	A49
		09.00- 06.01	115483	14 120 A49	AT 09.00- 06.01	111909	12 1.1	
		05.01-	111989	14 90				
		05.01-	112075	14 70				
	[AUO]	05.00- 06.03	112002	14 120 A47	5SP 05.00- 06.03	112005	12 1.1	
		05.00- 06.03	115482	14 90 A49	AT 05.00- 06.03	114308	12 1.4	
		05.00- 06.03	115483	14 120 A49	05.00- 06.03	115504	12 1.1	A49
		05.01- 04.02	111989	14 90	AT 05.00- 06.03	111909	12 1.1	
		05.01- 04.02	112075	14 70	6SP 05.00- 06.03	112429	12 2.0	
A3 1.8 Turbo Quattro	[AGU]	08.97- 05.98	111820	14 90	12.96- 06.98	111749	12 1.1	
		08.97- 08.00	112002	14 120 A47	AT 12.96- 06.98	111748	12 1.1	
		05.98- 08.00	111989	14 90	AT 06.98- 08.00	111909	12 1.1	
		05.98- 08.00	112075	14 70	06.98- 08.00	112005	12 1.1	
		05.98- 08.00	115482	14 90 A49	06.98- 08.00	115504	12 1.1	A49
		05.98- 08.00	115483	14 120 A49				
	[AJQ]	08.98- 08.00	111989	14 90	AT 08.98- 08.00	111909	12 1.1	
		08.98- 08.00	112075	14 70	08.98- 08.00	112005	12 1.1	
		08.98- 08.00	115482	14 90 A49	08.98- 08.00	115504	12 1.1	A49
	[AOA]	08.98- 04.01	111989	14 90	08.98- 04.01	112005	12 1.1	
		08.98- 05.03	112002	14 120 A47	08.98- 04.01	115504	12 1.1	A49
		08.98- 04.01	112075	14 70	AT 08.98- 04.01	111909	12 1.1	
		08.98- 04.01	115482	14 90 A49				
		08.98- 04.01	115483	14 120 A49				



	[ARX]	10.99-06.03	111820	14 90	AT	10.99-06.03	111909	12 1.1	
		10.99-06.03	111989	14 90	5SP	10.99-06.03	112005	12 1.1	
		10.99-06.03	112002	14 120 A47	6SP	10.99-06.03	112429	12 2.0	
		10.99-06.03	112075	14 70		10.99-06.03	115504	12 1.1	A49
		10.99-06.03	115482	14 90 A49					
	[ARY]	09.00-06.03	115482	14 90 A49		09.00-	112005	12 1.1	
		09.00-06.03	115483	14 120 A49		09.00-	112429	12 2.0	
		05.98-	111989	14 90					
		05.98-	112075	14 70					
		10.98-	112002	14 120 A47					
A3 1.9 TDi	[AGR]	09.96-	112002	14 120 A47	AT	09.96-	112286	12 1.7	
		09.96-	112079	14 90 A47		09.96-	111900	12 1.8	
		09.96-07.01	114789	14 90 A49		09.96-08.00	115503	12 1.8	A49
		05.98-	113340	14 70					
		05.98-08.00	115483	14 120 A49					
	[AHF]	09.96-05.98	111353	14 70	AT	01.97-08.00	112286	12 1.7	
		09.96-05.98	111820	14 90		01.97-08.00	111900	12 1.8	
		01.97-08.00	112002	14 120 A47		01.97-08.00	115503	12 1.8	A49
		01.97-08.00	112079	14 90 A47					
		01.97-08.00	114789	14 90 A49					
		05.98-08.00	113340	14 70					
		05.98-08.00	115483	14 120 A49					
	[ALH]	09.96-	112002	14 120 A47	AT	08.97-	112286	12 1.7	
		09.96-	112079	14 90 A47		08.97-	111900	12 1.8	
		09.96-07.01	114789	14 90 A49		08.97-06.01	115503	12 1.8	A49
		05.98-	113340	14 70					
		05.98-06.01	115483	14 120 A49					
	[ASV]	09.99-07.01	112002	14 120 A47		09.99-06.01	111900	12 1.8	
		09.99-07.01	112079	14 90 A47	AT	09.99-06.01	112286	12 1.7	
		09.99-06.01	113340	14 70		09.99-06.01	115503	12 1.8	A49
	09.99-07.01	114789	14 90 A49						
	09.99-06.01	115483	14 120 A49						
[ASZ]	08.00-05.03	112002	14 120 A47		08.00-06.03	112429	12 2.0		
	08.00-05.03	112079	14 90 A47		08.00-06.03	115503	12 1.8	A49	
	08.00-06.03	113340	14 70		08.00-06.03	115504	12 1.1	A49	
	08.00-05.03	114789	14 90 A49	AT	08.00-06.03	115523	12 2.3		
	08.00-06.03	115483	14 120 A49	AT	08.00-06.03	111909	12 1.1		
					08.00-06.03	111900	12 1.8		
[ATD]	10.00-05.03	112002	14 120 A47	Chas. -8L-2045000	10.00-09.01	111900	12 1.8		
	10.00-05.03	112079	14 90 A47		10.00-06.03	115503	12 1.8	A49	
	10.00-05.03	113340	14 70	AT, 5 Speed	10.00-06.03	115523	12 2.3		
	10.00-05.03	114789	14 90 A49						
	10.00-06.03	115483	14 120 A49						
[AXR]	10.00-	112002	14 120 A47	Chas. -8L-2045000	10.00-09.01	111900	12 1.8		
	10.00-	112079	14 90 A47		10.00-	112429	12 2.0		
	10.00-	113340	14 70	6SP	11.01-06.03	115503	12 1.8	A49	
	10.00-05.03	114789	14 90 A49	AT, 5 Speed	11.01-06.03	115523	12 2.3		
	11.01-06.03	115483	14 120 A49						
[BKC]	05.03-	113992	14 140		03.03-05.10	115508	12 1.7	A49	
					05.03-	113842	12 1.7		
[BLS]	05.03-05.10	113992	14 140		05.03-05.10	115508	12 1.7	A49	
	04.08-	115370	14 110		05.03-05.10	113842	12 1.7		
[BXE]	05.03-05.10	113992	14 140		05.03-05.10	115508	12 1.7	A49	
					05.03-05.10	113842	12 1.7		
A3 1.9 TDi Quattro	[ASZ]	05.00-	113340	14 70		05.00-	112429	12 2.0	
		05.00-06.03	115483	14 120 A49	AT	05.00-06.03	115523	12 2.3	
		08.00-	112002	14 120 A47	AT	05.00-	111909	12 1.1	
		08.00-	112079	14 90 A47		05.00-06.03	115504	12 1.1	A49
		08.00-05.03	114789	14 90 A49					
A3 1.9 TDi Sportback	[BKC]	09.04-	113992	14 140		09.04-	113842	12 1.7	
		09.04-05.10	115370	14 110		09.04-05.10	115508	12 1.7	A49
	[BLS]	09.04-05.10	113992	14 140		09.04-05.10	113842	12 1.7	
		09.04-05.10	115370	14 110		09.04-05.10	115508	12 1.7	A49
	09.04-05.10	113992	14 140						
	09.04-05.10	115370	14 110						
A3 2.0 Quattro	[CJXB]				A25	02.13-02.13-	115561	12 1.7	
							115900	12 1.1	
	[CJXC]				A25	11.12-11.12-	115561	12 1.7	
							115900	12 1.1	
	[CJXD]				A25	07.16-07.16-	115560	12 1.7	
							115696	12 1.1	
	[CJXF]				A25	05.14-03.14-	115561	12 1.7	
						115561	12 1.7		
					03.14-03.14-	115900	12 1.1		
					A25	07.16-07.16-	115560	12 1.7	
						115696	12 1.1		
A3 2.0 Quattro Sportback	[CJXB]				A25	05.13-05.13-	115561	12 1.7	
							115900	12 1.1	
	[CJXC]				A25	11.12-11.12-	115561	12 1.7	
							115900	12 1.1	
					A25	05.14-05.14-	115561	12 1.7	
						115900	12 1.1		
A3 2.0 Sportback	[CDLC]	07.08-	113992	14 140	A41	07.08-	115333	12 1.0	
A3 2.0 FSi	[AXW]	05.03-	113992	14 140		05.03-	114163	12 1.1	
						05.03-	113773	12 1.1	
						03.03-	113842	12 1.7	
	[BLR]	05.03-06.08	113992	14 140		03.03-	113842	12 1.7	
						05.03-	113773	12 1.1	
	[BLX]	05.03-06.08	113992	14 140		06.04-12.04	114163	12 1.1	
						05.03-	113773	12 1.1	
						03.03-	113842	12 1.7	
	[BLY]	05.03-06.08	113992	14 140		05.03-	113773	12 1.1	
						05.03-	113773	12 1.1	
	[BMB]	05.03-06.08	113992	14 140		05.03-	113773	12 1.1	

STARTERS & ALTERNATORS



Application list

AUDI Continued

	[BVY]	05.03-	113992	14	140		10.03-	114163	12	1.1
	[BVZ]	05.03-	113992	14	140		05.03-	113773	12	1.1
A3 2.0 FSi Sportback	[AXW]	09.04- 06.08	113992	14	140		05.03-	113773	12	1.1
	[BLR]	09.04-	113992	14	140		09.04- 06.08	114163	12	1.1
	[BLX]	09.04-	113992	14	140		09.04- 06.08	113773	12	1.1
	[BLY]	09.04-	113992	14	140		01.05- 11.05	114163	12	1.1
	[BMB]	09.04-	113992	14	140		AT 09.04-	113773	12	1.1
	[BVY]	09.04-	113992	14	140		06.04- 01.05	114163	12	1.1
	[BVZ]	09.04-	113992	14	140		AT 09.04-	113773	12	1.1
	[BWA]	09.05-	113992	14	140		06.04- 11.05	114163	12	1.1
	[CAWB]	02.08-	113992	14	140		09.04- 11.05	113773	12	1.1
	[CCZA]	04.08- 05.13	114722	14	140		03.03-	113842	12	1.7
A3 2.0 TFSI	[AXX]	09.04-	113992	14	140		01.04- 01.05	114163	12	1.1
	[BWA]	09.05-	113992	14	140		AT 09.04-	113773	12	1.1
	[CAWB]	02.08-	113992	14	140		11.05-	114163	12	1.1
	[CCZA]	04.08- 05.13	114722	14	140		AT 09.04-	113773	12	1.1
A3 2.0 TFSI Quattro	[AXX]	09.04- 08.12	113992	14	140		AT 09.04-	113773	12	1.1
	[BWA]	09.05- 08.12	113992	14	140		DSG 09.04- 08.12	115333	12	1.0
	[CCTA]						09.04-	113773	12	1.1
	[CNTC]						DSG 09.05- 08.12	115333	12	1.0
	[BWA]	09.05-	113992	14	140		DSG 02.08- 08.12	115333	12	1.0
	[CAWB]	02.08-	113992	14	140		A41 04.08- 05.13	115333	12	1.0
	[CCZA]	04.08- 05.13	114722	14	140		DSG 09.04- 08.12	115333	12	1.0
A3 2.0 TFSI Sportback	[AXX]	09.04- 10.05	113992	14	140		09.04-	113773	12	1.1
	[BWA]	11.05- 05.07	113992	14	140		DSG 09.05- 08.12	115333	12	1.0
	[CAWB]	09.05-	113992	14	140		05.14-	115561	12	1.7
	[CBFA]						05.14-	115900	12	1.1
	[CCZA]						DSG 09.04- 10.05	115333	12	1.0
A3 2.0 TFSI Sportback Quattro	[AXX]	09.04-	113992	14	140		09.04-	113773	12	1.1
	[BPY]	09.05-	113992	14	140		DSG 09.05-	115333	12	1.0
	[BWA]	09.05-	113992	14	140		DSG 09.05-	115333	12	1.0
	[CCTA]	07.08-	113992	14	140		A41 07.08-	115333	12	1.0
	[CNTC]									
A3 2.0 TDi 16V	[BKD]	05.03- 08.12	113992	14	140		05.03-	113841	12	1.7
	[CBAB]	07.08-	113992	14	140		05.03- 08.12	115311	12	2.0
	[CFFB]	11.09-	113992	14	140		07.08-	113841	12	1.7
	[CLJA]	02.10-	113992	14	140		07.08-	115311	12	2.0
	[BKD]	08.04-	113992	14	140		07.08-	115433	14	140
	[CBAB]	08.04- 08.12	115370	14	110		11.09-	113841	12	1.7
	[CFFB]	08.04- 03.13	115433	14	140		11.09-	115370	14	110
	[CLJA]	02.10-	115433	14	140		11.09-	115433	14	140
A3 2.0 TDi 16V Quattro	[BKD]	08.04-	113992	14	140		02.10-	113841	12	1.7
	[CBAB]	08.04- 08.12	115370	14	110		02.10-	115311	12	2.0
	[CFFB]	08.04- 03.13	115433	14	140		02.10-	115433	14	140
	[BKD]	08.04- 08.12	115370	14	110		08.04-	113842	12	1.7
	[CBAB]	08.04- 08.12	115370	14	110		08.04- 08.12	115311	12	2.0
	[CFFB]	08.04- 03.13	115433	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	08.04- 03.13	115433	14	140		08.04- 08.12	113509	12	1.7
	[CBAB]	08.04- 08.12	113992	14	140		AT 08.04-	113841	12	1.7
	[CFFB]	08.04- 08.12	113992	14	140		08.04-	113842	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	113509	12	1.7
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	113841	12	1.7
	[BKD]	09.04-	113992	14	140		08.04- 08.12	113842	12	1.7
	[CBAB]	09.04-	113992	14	140		08.04- 08.12	115311	12	2.0
	[CFFB]	09.04-	113992	14	140		08.04- 08.12	115508	12	1.7
	[BKD]	09.04- 03.13	115433	14	140		AT 11.05-	113509	12	1.7
	[CBAB]	09.04-	113992	14	140					



	[CBBB]	03.06-08.12	113992	14	140	03.06-08.12	113509	12	1.7	
		03.06-08.12	115370	14	110	03.06-08.12	113841	12	1.7	
		03.06-08.12	115433	14	140	03.06-08.12	115311	12	2.0	
	[CBAA]	05.03-08.12	113992	14	140	05.03-05.13	113509	12	1.7	
		05.03-08.12	115370	14	110	05.03-05.13	113841	12	1.7	
		05.03-05.13	115433	14	140	04.08-	115311	12	2.0	
		04.08-	114109	14	180					
	[CFFA]	05.03-08.12	113992	14	140	05.03-05.13	113509	12	1.7	
		05.03-08.12	115370	14	110	05.03-05.13	113841	12	1.7	
		05.03-05.13	115433	14	140	05.03-05.13	115311	12	2.0	
		04.08-	114109	14	180					
	[CFFB]	04.08-05.13	113992	14	140	04.08-05.13	115311	12	2.0	
		04.08-05.13	115433	14	140	04.08-05.13	115402	12	1.8	
						04.08-05.13	113509	12	1.7	
						04.08-05.13	113841	12	1.7	
	[CFGB]	03.06-08.12	113992	14	140	03.06-08.12	113509	12	1.7	
		03.06-08.12	115370	14	110	03.06-08.12	113841	12	1.7	
		03.06-08.12	115433	14	140	03.06-08.12	115311	12	2.0	
	[CRBC]					A25 08.12-	115402	12	1.8	
						04.12-	115638	12	1.7	
	[CRBD]					05.13-	115638	12	1.7	
	[CRFA]					A25 01.13-	115402	12	1.8	
						01.13-	115311	12	2.0	
						01.13-	115638	12	1.7	
	[CRFC]					A25 08.12-	115402	12	1.8	
						10.13-	115402	12	1.8	
						09.12-	115638	12	1.7	
	[CRLB]					A25 08.12-	115402	12	1.8	
					04.12-	115638	12	1.7		
[CRLC]					A25 10.13-	115402	12	1.8		
					05.13-	115638	12	1.7		
[CRUA]					A25 05.13-	115402	12	1.8		
					04.12-	115638	12	1.7		
[CUNA]					A25 12.12-	115402	12	1.8		
					05.14-	115402	12	1.8		
A3 2.0 TDI Quattro	[AZV]	05.03-	113992	14	140	05.03-	113842	12	1.7	
		05.03-06.08	115370	14	110	05.03-06.08	115508	12	1.7	A49
						AT 05.03-	113509	12	1.7	
						05.03-	113841	12	1.7	
	[BMM]	01.06-	113992	14	140	01.06-	113841	12	1.7	
		01.06-06.08	115370	14	110					
	[BMN]	03.06-	113992	14	140	03.06-08.12	113509	12	1.7	
		03.06-08.12	115370	14	110	03.06-	113841	12	1.7	
		03.06-08.12	115433	14	140	03.06-08.12	115311	12	2.0	
	[CBBB]	03.06-08.12	113992	14	140	03.06-08.12	113509	12	1.7	
		03.06-08.12	115370	14	110	03.06-08.12	113841	12	1.7	
		03.06-08.12	115433	14	140	03.06-08.12	115311	12	2.0	
	[CFGB]	03.06-08.12	113992	14	140	03.06-08.12	113509	12	1.7	
		03.06-08.12	115370	14	110	03.06-08.12	113841	12	1.7	
		03.06-08.12	115433	14	140	03.06-08.12	115311	12	2.0	
	[CRBC]					A25 10.12-	115402	12	1.8	
						10.13-	115402	12	1.8	
	[CRLB]					A25 03.14-	115402	12	1.8	
						10.13-	115402	12	1.8	
						03.14-	115638	12	1.7	
	[CUNA]					A25 12.12-	115402	12	1.8	
A3 2.0 TDI Quattro Sportback	[CRBC]					A25 01.13-	115402	12	1.8	
	[CRLB]					A25 01.13-	115402	12	1.8	
	[CUNA]					A25 11.12-	115402	12	1.8	
A3 2.0 TDI Sportback	[AZV]	09.04-	113992	14	140	09.04-	113842	12	1.7	
		09.04-	115370	14	110	09.04-	115311	12	2.0	
		09.04-03.13	115433	14	140	09.04-	115508	12	1.7	A49
						AT 09.04-	113509	12	1.7	
						09.04-03.13	113841	12	1.7	
	[CBAA]	09.04-03.13	113992	14	140	09.04-03.13	113842	12	1.7	
		09.04-03.13	115370	14	110	09.04-03.13	115311	12	2.0	
		09.04-03.13	115433	14	140	09.04-03.13	115508	12	1.7	A49
						09.04-03.13	113509	12	1.7	
						09.04-03.13	113841	12	1.7	
	[CFFA]	09.04-03.13	113992	14	140	09.04-03.13	113841	12	1.7	
		09.04-03.13	115370	14	110	09.04-03.13	113842	12	1.7	
		09.04-03.13	115433	14	140	09.04-03.13	115508	12	1.7	A49
						09.04-03.13	113509	12	1.7	
	[CRBC]					A25 09.12-	115402	12	1.8	
						09.12-	115311	12	2.0	
						09.12-	115638	12	1.7	
	[CRFA]					05.13-	115638	12	1.7	
	[CRFC]					A25 03.13-	115402	12	1.8	
						03.13-	115311	12	2.0	
						03.13-	115638	12	1.7	
	[CRLB]					A25 09.12-	115402	12	1.8	
						09.12-	115638	12	1.7	
	[CRUA]					A25 09.12-	115402	12	1.8	
						09.12-	115638	12	1.7	
A3 2.0 TDI Sportback Quattro	[BMM]	06.05-	113992	14	140	06.05-	113841	12	1.7	
		06.05-06.08	115370	14	110					
	[BMN]	03.06-	113992	14	140	03.06-03.13	113509	12	1.7	
		03.06-	115370	14	110	03.06-	113841	12	1.7	
		03.06-03.13	115433	14	140	03.06-	115311	12	2.0	
		03.06-03.13	115621	14	110					
	[CBBB]	03.06-03.13	113992	14	140	03.06-03.13	115311	12	2.0	
		03.06-03.13	115370	14	110	03.06-03.13	113509	12	1.7	
		03.06-03.13	115433	14	140	03.06-03.13	113841	12	1.7	
		03.06-03.13	115621	14	110					



Application list

AUDI Continued

	[CFGB]	03.06-03.13	113992	14	140		03.06-03.13	113509	12	1.7
		03.06-03.13	115370	14	110		03.06-03.13	113841	12	1.7
		03.06-03.13	115433	14	140		03.06-03.13	115311	12	2.0
		03.06-03.13	115621	14	110					
A3 2.0 TDI Sportsback	[CRBD]						05.13-	115638	12	1.7
	[CRLC]						05.13-	115638	12	1.7
	[CUNA]					A25	05.13-	115402	12	1.8
A3 2.5 RS3 quattro Sportback	[CEPA]	04.11-	113992	14	140		04.11-	115638	12	1.7
A3 3.2 Quattro	[BMJ]	07.03-	113992	14	140		07.03-	113841	12	1.7
						A18	07.03-	113509	12	1.7
A3 3.2 V6 Quattro	[BDB]	07.03-	113992	14	140		07.03-	113841	12	1.7
						A18	07.03-	113509	12	1.7
	[BUB]	07.03-05.09	113992	14	140		07.03-05.09	113841	12	1.7
						A18	07.03-05.09	113509	12	1.7
A3 3.2 V6 Sportback Quattro	[BMJ]	09.04-	113992	14	140		09.04-	113841	12	1.7
						A18	09.04-	113509	12	1.7
	[BUB]	09.04-05.09	113992	14	140		09.04-05.09	113841	12	1.7
						A18	09.04-05.09	113509	12	1.7
A3 / S3 Limousine 2.5 Quattro	[DAZA]						04.17-	115561	12	1.7
A3 Limousine 1.6 TDI	[DDYA]	03.17-	114322	14	140		03.17-	115610	12	2.0
						A25	03.17-	115336	12	2.2
							03.17-	115634	12	1.8
A3 Limousine 2.0 Quattro	[CJXD]					A25	08.16-	115560	12	1.7
							08.16-	115696	12	1.1
	[DJHB]					A25	08.16-	115560	12	1.7
							08.16-	115696	12	1.1
A3 Sportback 1.5 TFSI	[DADA]						05.17-	115560	12	1.7
							05.17-	116272*	12	1.1
A3 Sportback 1.6 TDI	[DDYA]	02.17-	114322	14	140		02.17-	115610	12	2.0
						A25	02.17-	115336	12	2.2
							02.17-	115634	12	1.8
A3 Sportback 2.0 Quattro	[CJXD]					A25	07.16-	115560	12	1.7
							07.16-	115696	12	1.1
	[DJHB]					A25	07.16-	115560	12	1.7
							07.16-	115696	12	1.1
A3 Sportback 2.5 Quattro	[DAZA]						04.17-	115561	12	1.7
A4 1.6	[ADP]	11.94-10.96	111478	14	90		11.94-10.96	112321	12	1.1
		01.95-07.00	113882	14	120					
	[AHL]	11.94-07.97	111478	14	90		10.96-	112321	12	1.1
		01.95-07.00	113882	14	120					
		10.96-	112399	14	90					
		01.99-	113283	14	120					
	[ALZ]	07.00-09.01	112399	14	90	Chas. 8E-5-030001-	11.00-12.04	114179	12	1.2
		07.00-09.01	113283	14	120	Chas. -8E-5-030000	07.00-09.01	112321	12	1.1
		07.00-12.04	113882	14	120					
		11.00-12.04	116172	14	150					
		11.00-12.04	116337	14	120					
	[ANA]	11.94-	111478	14	90		11.94-10.96	112321	12	1.1
		01.95-07.00	113882	14	120					
		08.98-	112399	14	90					
		08.98-	113283	14	120					
	[ARM]	11.94-	111478	14	90		08.98-	112321	12	1.1
		01.95-07.00	113882	14	120					
		08.98-	112399	14	90					
		08.98-	113283	14	120					
A4 1.8	[ADR]	11.94-07.97	111478	14	90		11.94-	112321	12	1.1
		11.94-	112399	14	90					
		01.99-	113283	14	120					
	[AFY]	04.95-07.97	111478	14	90		04.95-09.01	112321	12	1.1
		08.97-09.01	112399	14	90					
		01.99-09.01	113283	14	120					
	[APT]	08.97-	112399	14	90		11.94-	112321	12	1.1
		01.99-	113283	14	120					
	[ARG]	08.97-07.99	112399	14	90		11.94-07.99	112321	12	1.1
		08.98-07.99	113283	14	120					
	[AVV]	06.00-	112399	14	90		06.00-	112321	12	1.1
		06.00-	113283	14	120					
A4 1.8 Quattro	[ADR]	11.94-12.98	111478	14	90		11.94-	112321	12	1.1
		08.97-	112399	14	90					
		01.99-	113283	14	120					
	[AFY]	07.95-12.98	111478	14	90		07.95-09.01	112321	12	1.1
		08.97-09.01	112399	14	90					
		01.99-09.01	113283	14	120					
	[APT]	08.97-	112399	14	90		11.94-	112321	12	1.1
		01.99-	113283	14	120					
	[ARG]	08.97-	112399	14	90		11.94-	112321	12	1.1
		08.98-	113283	14	120					
A4 1.8 TFSI	[CABA]	01.08-05.08	115367	14	140		01.08-05.08	115733	12	1.7
							01.08-05.08	115394	12	1.1
	[CABB]	11.07-05.08	115367	14	140		11.07-05.08	115394	12	1.1
	[CAUA]	11.07-05.08	115367	14	140		11.07-05.08	115394	12	1.1
	[CCUA]	11.07-	115367	14	140		04.08-	115394	12	1.1
	[CDHA]	06.08-	115367	14	140		06.08-	115733	12	1.7
							06.08-	115394	12	1.1
	[CDHB]	11.07-	115367	14	140		04.08-	115394	12	1.1
	[CJEB]						11.11-	115394	12	1.1
A4 1.8 TFSI Quattro	[CDHB]	09.08-	115367	14	140		09.08-	115394	12	1.1
	[CJEB]						11.11-	115394	12	1.1
A4 1.8 Turbo	[AEB]	11.94-07.97	111478	14	90		11.94-07.98	112321	12	1.1
	[AJL]	08.97-12.98	111478	14	90		08.97-	112321	12	1.1
		08.97-	112399	14	90					
		01.99-	113283	14	120					
	[AMB]	07.01-12.04	116337	14	120	Chas. 8E-5-030001-	07.01-12.04	114179	12	1.2
						Chas. -8E-5-030000	07.01-	112321	12	1.1
	[ANB]	05.99-	112399	14	90		11.94-07.98	112321	12	1.1
		05.99-	113283	14	120					



	[APU]	11.94- 07.97 08.98- 08.98-	111478 112399 113283	14 90 14 90 14 120		11.94- 07.98	112321	12 1.1
	[ARK]	08.98- 07.99 08.98- 07.99	112399 113283	14 90 14 120		11.94- 12.98	112321	12 1.1
	[AVJ]	11.00- 07.02 11.00- 07.02 11.00- 07.02	113882 116172 116337	14 120 14 150 14 120		11.00-	112321	12 1.1
	[AWT]	06.00- 06.00-	112399 113283	14 90 14 120		11.94- 07.98	112321	12 1.1
	[BEX]	11.02- 12.04 11.02- 12.04	116172 116337	14 150 14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	11.02- 06.04 11.02- 12.04	112321 114179	12 1.1 12 1.2
	[BFB]	07.02- 12.04 07.02- 12.04	116172 116337	14 150 14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	07.02- 07.02- 12.04	112321 114179	12 1.1 12 1.2
	[BKB]	07.02- 12.04 07.02- 12.04	116172 116337	14 150 14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	07.02- 12.04 07.02- 12.04	112321 114179	12 1.1 12 1.2
A4 1.8 Turbo Quattro	[AEB]	10.95- 07.98	111478	14 90		01.95- 07.98	112321	12 1.1
	[AJL]	08.97- 12.98 08.97- 01.99-	111478 112399 113283	14 90 14 90 14 120		08.97-	112321	12 1.1
	[AMB]	07.01- 12.04	116337	14 120	Chas. 8E-5-030001- Chas. -8E-5-030000	07.01- 12.04 07.01-	114179 112321	12 1.2 12 1.1
	[ANB]	07.99- 07.99-	112399 113283	14 90 14 120		01.95- 07.98	112321	12 1.1
	[APU]	02.96- 07.98 02.99- 02.99-	111478 112399 113283	14 90 14 90 14 120		01.95- 07.98	112321	12 1.1
	[ARK]	01.99- 07.99 01.99- 07.99	112399 113283	14 90 14 120		01.95- 07.98	112321	12 1.1
	[AVJ]	11.00- 07.02 11.00- 07.02	116172 116337	14 150 14 120		11.00-	112321	12 1.1
	[AWT]	06.00- 06.00-	112399 113283	14 90 14 120		01.95- 07.98	112321	12 1.1
	[BEX]	11.02- 12.04 11.02- 12.04	116172 116337	14 150 14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	11.02- 06.04 11.02- 12.04	112321 114179	12 1.1 12 1.2
	[BFB]	04.02- 12.05 04.02- 12.05	116172 116337	14 150 14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	04.02- 06.04 04.02- 12.05	112321 114179	12 1.1 12 1.2
A4 1.9 Hybrid Duo	[AHU]	02.99- 11.00	112397	14 120			111694	12 1.8
A4 1.9 Diesel	[AFF]	03.96- 06.00 03.96- 06.00	112396 112397	14 90 14 120	Chas. 8DS040001-	03.96- 03.96-	112309 111995	12 1.4 12 2.0
A4 1.9 TDI	[1Z]	01.99- 01.99-	112396 112397	14 90 14 120		11.94- 07.96	111694	12 1.8
	[AFN]	02.96- 02.96- 02.96- 07.99	112396 112397 113770	14 90 14 120 14 120		02.96- 12.98	111694	12 1.8
	[AHH]	04.97-	112806	14 120		01.95- 07.97	111694	12 1.8
	[AHU]	08.96- 07.98 08.96- 08.96- 08.96- 07.98	112002 112396 112397 115483	14 120 A47 14 90 14 120 14 120 A49		08.96- 12.98	111694	12 1.8
	[AJM]	01.98- 11.00 08.98- 08.98-	113770 112396 112397	14 120 14 90 14 120		01.98- 12.98	111694	12 1.8
	[AVB]	05.01- 05.01- 12.04 11.01- 11.01- 12.04	113252 115763 112397 113882	14 140 14 150 14 120 14 120		05.01-	111694	12 1.8
	[AVF]	11.00- 12.04 04.01- 04.01- 12.04 04.01- 12.04	113882 113252 113992 115763	14 120 14 140 14 140 14 150		09.01- 12.04 09.01- 12.04	114171 116338*	12 1.7 A49 12 1.7
	[AVG]	08.99- 08.99-	112396 112397	14 90 14 120		02.96-	111694	12 1.8
	[AWX]	11.00- 12.04 11.00- 12.04 09.01-	113882 115763 113252	14 120 14 150 14 140		11.00- 12.04 11.00- 12.04 5SP 12.00- 06.03	114171 116338* 111694	12 1.7 A49 12 1.7 12 1.8
	[BKE]	06.04- 12.04 11.04-	113992 115763	14 140 14 150		06.04-	111694	12 1.8
	[BRB]	11.04- 11.04-	113992 115763	14 140 14 150		AT 01.06-	114177	12 2.0
A4 1.9 TDI Quattro	[AFN]					07.96-	111694	12 1.8
	[AJM]	03.00- 09.01 12.98- 12.98-	113770 112396 112397	14 120 14 90 14 120		01.98- 12.98	111694	12 1.8
	[ATJ]	12.98- 12.98-	112396 112397	14 90 14 120		01.98- 09.01	111694	12 1.8
	[AVF]	09.01- 12.04 11.01- 11.01-	115763 112397 113252	14 150 14 120 14 140		09.01- 12.04 09.01- 12.04	116338* 114171	12 1.7 12 1.7 A49
	[AVG]	08.99- 06.00 08.99-	112396 112397	14 90 14 120		07.96-	111694	12 1.8
A4 2.0	[ALT]	11.00- 12.04 11.00- 12.05 11.00- 12.05	113882 116172 116337	14 120 14 150 14 120	Chas. -8E-5-030000 Chas. 8E-5-030001-	11.00- 06.04 11.00- 12.05	112321 114179	12 1.1 12 1.2
A4 2.0 FSI	[AWA]	07.02- 12.04 07.02- 12.04 07.02- 12.04	113882 116172 116337	14 120 14 150 14 120	Chas. 8E-5-030001- Chas. -8E-5-030000	07.02- 12.04 07.02-	114179 112321	12 1.2 12 1.1
	[BPJ]					10.06-	115947	12 1.1
	[BYK]	10.06- 10.06-	114722 116172	14 140 14 150		AT 10.06- 10.06-	114179 115947	12 1.2 12 1.1
A4 2.0 TFSI	[BGB]	11.04- 11.04-	114722 116172	14 140 14 150		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BPG]	11.04- 11.04-	114722 116172	14 140 14 150		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BUL]	06.05- 06.05-	114722 116172	14 140 14 150		AT 06.05- 06.05-	114179 115947	12 1.2 12 1.1



Application list

AUDI Continued

	[BWE]	11.04- 11.04-	114722 116172	14 140 14 150		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BWT]	01.06- 01.06-	114722 116172	14 140 14 150		AT 01.06- 01.06-	114179 115947	12 1.2 12 1.1
	[CADA]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CAEA]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CAEB]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CAED]					05.13- 05.13-	115394 115733	12 1.1 12 1.7
	[CDNB]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CDNC]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CFKA]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CNCD]					05.13- 10.05- 10.05-	115394 114179 112321	12 1.1 12 1.2 12 1.1
A4 2.0 TFSI Flexfuel	[CFKA]					11.09- 11.09-	115394 115733	12 1.1 12 1.7
A4 2.0 TFSI Flexfuel Quattro	[CFKA]					11.09- 11.09-	115394 115733	12 1.1 12 1.7
A4 2.0 TFSI Quattro	[BGB]	11.04- 11.04-	114722 116172	14 140 14 150		AT 11.04- 11.04-	114179 115947	12 1.2 12 1.1
	[BPG]	11.04- 11.04-	114722 116172	14 140 14 150		11.04- AT 11.04-	115947 114179	12 1.1 12 1.2
	[BUL]	06.05- 06.05-	114722 116172	14 140 14 150		AT 06.05- 06.05-	114179 115947	12 1.2 12 1.1
	[BWE]	11.04- 11.04-	114722 116172	14 140 14 150		AT 11.04- 09.05- 11.04-	114179 115947 115497	12 1.2 12 1.1 12 1.1
	[BWT]	11.04- 06.06-	114722 116172	14 140 14 150		06.06- AT 11.04- 11.04-	115947 114179 115497	12 1.1 12 1.2 12 1.2
	[CAEB]	06.08-	115367	14 140		06.08- 06.08-	115394 115733	12 1.1 12 1.7
	[CAED]					05.13- 05.13-	115394 115733	12 1.1 12 1.7
	[CDNC]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CNCD]					05.13- 05.13-	115394 115733	12 1.1 12 1.7
	[CPMA]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CPMB]					05.13- 05.13- 05.13-	113594 115394 115733	12 0.6 12 1.1 12 1.7
A4 2.0 TDi 16V	[BLB]	11.04-	113992	14 140		AT 11.04- 11.04-	114177 114096	12 2.0 12 2.0
	[BRE]	11.04-	113992	14 140		AT 11.04- 11.04-	114177 114096	12 2.0 12 2.0
A4 2.0 TDi	[BNA]	11.04- 10.05	113992	14 140		AT 11.04- 10.05 11.04- 10.05	114177 114096	12 2.0 12 2.0
	[BPW]	11.04-	113992	14 140		AT 11.04- 11.04-	114177 114096	12 2.0 12 2.0
	[BRC]	01.06-	113992	14 140		01.06-	114096	12 2.0
	[BRD]	06.06-	113992	14 140		AT 06.06- 06.06-	114177 114096	12 2.0 12 2.0
	[BRF]	11.05-	113992	14 140		AT 11.05- 11.05-	114177 114096	12 2.0 12 2.0
	[BVA]	06.06-	113992	14 140		AT 06.06- 06.06-	114177 114096	12 2.0 12 2.0
	[BVG]	09.05- 09.06	113992	14 140		09.05- 09.06	114177	12 2.0
	[CAGA]	11.07- 11.07-	114322 116146*	14 140 14 200		11.07- A25 11.07-	115635 115636	12 1.7 12 1.7
	[CAGB]	11.07- 11.07-	114322 116146*	14 140 14 200		11.07- A25 11.07-	115635 115636	12 1.7 12 1.7
	[CAGC]	06.08- 06.08-	114322 116146*	14 140 14 200		06.08- A25 06.08-	115635 115636	12 1.7 12 1.7
	[CAHA]	01.08-	114322	14 140		A25 01.08- 01.08-	115636 115635	12 1.7 12 1.7
	[CAHB]	08.08- 08.08-	114322 116146*	14 140 14 200		08.08- A25 08.08-	115635 115636	12 1.7 12 1.7
	[CGLC]	11.11-	116146*	14 200		A25 11.11- 11.11-	115636 115635	12 1.7 12 1.7
	[CGLD]	08.08- 08.08-	114322 116146*	14 140 14 200		A25 08.08- 08.08-	115636 115635	12 1.7 12 1.7
	[CJCA]	11.07- 11.07-	114322 116146*	14 140 14 200		11.07- A25 11.07-	115635 115636	12 1.7 12 1.7
	[CJCB]	11.07- 11.07-	114322 116146*	14 140 14 200		11.07- A25 11.07-	115635 115636	12 1.7 12 1.7
	[CJCC]	06.08- 06.08-	114322 116146*	14 140 14 200		06.08- A25 06.08-	115635 115636	12 1.7 12 1.7
	[CJCD]	05.13-	116146*	14 200		A25 05.13- 05.13-	115636 115635	12 1.7 12 1.7
	[CMEA]	11.07- 11.07-	114322 116146*	14 140 14 200		11.07- A25 11.07-	115635 115636	12 1.7 12 1.7
	[CMFA]	11.07- 11.07-	114322 116146*	14 140 14 200		11.07- A25 11.07-	115635 115636	12 1.7 12 1.7
	[CMFB]	05.13-	116146*	14 200		A25 05.13- 05.13-	115636 115635	12 1.7 12 1.7
	[CMGB]	11.11-	116146*	14 200		A25 11.11- 11.11-	115636 115635	12 1.7 12 1.7



A4 2.0 TDi Quattro	[CNHC]	08.08-	114322	14 140	08.08-	115636	12 1.7	
		08.08-	116146*	14 200	08.08-	115635	12 1.7	
	[CSUA]	05.13-	116146*	14 200	05.13-	115636	12 1.7	
					05.13-	115635	12 1.7	
	[CSUB]	11.07-	114322	14 140	11.07-	115635	12 1.7	
		11.07-	116146*	14 200	11.07-	115636	12 1.7	
	[BPW]	01.06-	113992	14 140	AT 01.06-	114177	12 2.0	
					01.06-	114096	12 2.0	
	[BRD]	06.06-	113992	14 140	AT 06.06-	114177	12 2.0	
					06.06-	114096	12 2.0	
	[BVA]	06.06-	113992	14 140	AT 06.06-	114177	12 2.0	
					06.06-	114096	12 2.0	
	[CAGA]	04.08-	114322	14 140	04.08-	115635	12 1.7	
		04.08-	116146*	14 200	A25 04.08-	115636	12 1.7	
	[CAGB]	09.09-	114322	14 140	09.09-	115635	12 1.7	
		09.09-	116146*	14 200	A25 09.09-	115636	12 1.7	
	[CAHA]	08.08-	114322	14 140	A25 08.08-	115636	12 1.7	
					08.08-	115635	12 1.7	
	[CAHB]	04.09-	114322	14 140	04.09-	115635	12 1.7	
		04.09-	116146*	14 200	A25 04.09-	115636	12 1.7	
[CGLC]	11.11-	116146*	14 200	A25 11.11-	115636	12 1.7		
				11.11-	115635	12 1.7		
[CGLD]	04.09-	114322	14 140	04.09-	115635	12 1.7		
	04.09-	116146*	14 200	A25 04.09-	115636	12 1.7		
[CJCA]	04.08-	114322	14 140	04.08-	115635	12 1.7		
	04.08-	116146*	14 200	A25 04.08-	115636	12 1.7		
[CJCB]	09.09-	114322	14 140	09.09-	115635	12 1.7		
	09.09-	116146*	14 200	A25 09.09-	115636	12 1.7		
[CJCD]	05.13-	116146*	14 200	A25 05.13-	115636	12 1.7		
				05.13-	115635	12 1.7		
[CSUA]	05.13-	116146*	14 200	A25 05.13-	115636	12 1.7		
				05.13-	115635	12 1.7		
A4 2.0 TDi Quattro Allroad	[CGLC]	11.11-	116146*	14 200	A25 11.11-	115636	12 1.7	
				11.11-	115635	12 1.7		
A4 2.4	[AGA]	03.97- 07.98	112806	14 120	03.97- 09.01	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[AJG]	08.97- 07.98	112806	14 120	08.97- 09.01	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[ALF]	03.97- 07.98	112806	14 120	03.97- 09.01	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[AML]				08.98- 12.98	111769	12 1.4	A49
					03.97- 09.01	116344*	12 1.4	
	[AMM]	06.00- 10.00	112399	14 90	06.00- 12.05	116344*	12 1.4	
		04.01- 12.05	113751	14 120	06.00- 10.00	111769	12 1.4	A49
		09.01-	113510	14 140				
	[APS]	08.98- 07.99	112399	14 90	03.97- 09.01	116344*	12 1.4	
					08.98- 10.00	111769	12 1.4	A49
[APZ]				08.98- 06.00	111769	12 1.4	A49	
				08.97- 09.01	116344*	12 1.4		
[ARJ]	08.98- 06.00	112399	14 90	03.97- 09.01	116344*	12 1.4		
				08.98- 06.00	111769	12 1.4	A49	
[BDV]	09.01-	113510	14 140	09.01-	111769	12 1.4	A49	
	09.01- 12.05	113751	14 120	09.01- 12.05	116344*	12 1.4		
	09.01- 12.04	113882	14 120					
A4 2.4 Quattro	[AGA]	03.97-	112806	14 120	03.97- 11.00	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[ALF]	03.97-	112806	14 120	03.97- 11.00	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[AML]				08.98- 12.98	111769	12 1.4	A49
					03.97- 11.00	116344*	12 1.4	
	[APS]				08.98- 10.00	111769	12 1.4	A49
[APZ]				03.97- 11.00	116344*	12 1.4		
[ARJ]				08.98- 09.01	111769	12 1.4	A49	
				08.97- 11.00	116344*	12 1.4		
[ARJ]				08.98- 06.00	111769	12 1.4	A49	
				03.97- 11.00	116344*	12 1.4		
A4 2.4 30V Quattro	[AGA]	03.97-	112806	14 120	03.97- 09.01	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[ALF]	03.97-	112806	14 120	03.97- 09.01	116344*	12 1.4	
					08.97- 07.98	111769	12 1.4	A49
	[AML]				08.98- 12.98	111769	12 1.4	A49
					03.97- 09.01	116344*	12 1.4	
[APS]				08.98- 10.00	111769	12 1.4	A49	
				03.97- 09.01	116344*	12 1.4		
[ARJ]				08.98- 06.00	111769	12 1.4	A49	
				03.97- 09.01	116344*	12 1.4		
A4 2.5 TDi	[AFB]	09.97- 11.00	113758	14 120	09.97-	111995	12 2.0	
	[AKN]	09.97- 11.00	113758	14 120	09.97-	111995	12 2.0	
	[AYM]	08.01-	113510	14 140	08.01-	111995	12 2.0	
		08.01- 07.02	113882	14 120				
	[BCZ]	08.02- 12.05	113510	14 140	06.03- 12.04	111995	12 2.0	
	[BDG]	08.02- 12.05	113510	14 140	Chas. 8E-1-000001- 06.03- 12.04	111995	12 2.0	
		11.04-	113510	14 140				
	[BFC]	07.02- 12.05	113510	14 140	08.02- 12.04	111995	12 2.0	
A4 2.5 TDi Quattro	[AFB]				09.97-	111995	12 2.0	
	[AKE]	11.00-	113510	14 140	11.00-	111995	12 2.0	
	[AKN]				09.97-	111995	12 2.0	
	[BAU]	09.01-	113510	14 140	11.00-	111995	12 2.0	
	[BDH]	09.01-	113510	14 140	11.00-	111995	12 2.0	
A4 2.5 TDi S4	[AFB]	09.97- 09.01	113758	14 120	09.97-	111995	12 2.0	
	[AKN]	09.97- 09.01	113758	14 120	09.97-	111995	12 2.0	
A4 2.5 TDi S4 Quattro	[AFB]	09.97- 09.01	113758	14 120	09.97-	111995	12 2.0	
	[AKN]	09.97- 09.01	113758	14 120	09.97-	111995	12 2.0	
A4 2.6	[ABC]	01.95-	112806	14 120	01.95- 09.01	116344*	12 1.4	
					Chas. 8D.V.205001- 04.97- 07.98	111769	12 1.4	A49
					04.97- 07.98	111769	12 1.4	A49
				11.94-	112309	12 1.4		

STARTERS & ALTERNATORS



Application list

AUDI Continued

A4 2.6 Quattro	[ABC]	01.95-	112806	14 120		01.95- 09.01 04.97- 07.98 11.94-	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
A4 2.7 S4 Quattro	[AGB]				Chas. T080001-	09.97- 09.97- 09.97- 09.01	111769 111769 116344*	12 1.4 12 1.4 12 1.4	A49
A4 2.7 TDI	[BPP]	01.06- 01.06-	115856 115859	14 150 14 140		01.06-	114094	12 2.2	
	[BSG]	11.05- 03.08 11.05- 03.08	115856 115859	14 150 14 140		11.05- 03.08	114094	12 2.2	
	[CAMA]	11.07- 05.08 11.07- 05.08 11.07- 05.08	114780 115631 116354*	14 140 A49 14 150 14 140		11.07- 05.08	115948	12 2.2	
	[CAMB]	11.07- 11.07- 11.07-	114780 115631 116354*	14 140 A49 14 150 14 140		11.07-	115948	12 2.2	
	[CGKA]	04.08- 04.08- 04.08-	114780 115631 116354*	14 140 A49 14 150 14 140		04.08-	115948	12 2.2	
	[CGKB]	11.07- 11.07- 11.07-	114780 115631 116354*	14 140 A49 14 150 14 140		11.07-	115948	12 2.2	
A4 2.8	[APR]	08.98- 07.99 08.98- 06.00	112806 113751	14 120 14 120		08.98- 06.00 08.98- 08.98- 07.99	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[ACK]	03.96- 07.98 10.96-	112806 113751	14 120 14 120		03.96- 04.97 03.96- 12.98 04.97-	112309 116344* 111769	12 1.4 12 1.4 12 1.4	A49
	[AHA]	03.96- 12.98 08.98- 07.99	113751 112806	14 120 14 120		03.96- 07.99 03.96- 07.99 08.98- 07.99	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[ALG]	10.96- 05.97-	113751 112806	14 120 14 120		08.97- 12.98 03.96- 07.98 04.97-	116344* 112309 111769	12 1.4 12 1.4 12 1.4	A49
	[AMX]	05.00- 09.02 07.99- 10.00	113751 112806	14 120 14 120		07.99- 09.02 07.98- 07.99- 10.00	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[AOD]	08.98- 07.99 08.98- 06.00	112806 113751	14 120 14 120		08.98- 08.98- 06.00 08.98- 07.99	111769 116344* 112309	12 1.4 12 1.4 12 1.4	A49
	[AAH]	09.95- 09.96	112806	14 120	Chas. 8D.V.205001-	09.95- 07.97 04.97- 07.97 11.94- 09.96	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
A4 2.8 Quattro	[APR]	02.99- 06.00	112806	14 120		02.99- 06.00 08.98- 02.99- 06.00	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[ACK]	03.96-	112806	14 120		04.97- 07.98 03.96- 04.97 03.96- 07.98	111769 112309 116344*	12 1.4 12 1.4 12 1.4	A49
	[AHA]	03.96- 07.98	112806	14 120		03.96- 07.98 03.96- 07.98 03.96- 07.98	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[ALG]	10.96-	112806	14 120		05.97- 07.98 05.97- 07.98 03.96-	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[AMX]	07.99- 09.01	112806	14 120		10.96- 09.01 07.98- 10.96- 09.01	116344* 111769 112309	12 1.4 12 1.4 12 1.4	A49
	[AOD]	08.98- 06.00	112806	14 120	Eng. 8D-V205001-	08.98- 06.00 08.98- 08.98- 06.00	116344* 111769 111769 112309	12 1.4 12 1.4 12 1.4 12 1.4	A49
	[AAH]	11.94- 09.96	112806	14 120		11.94- 12.96	112309	12 1.4	
A4 3.0	[ASN]	11.00- 11.00- 12.04 12.00- 12.05	113510 113882 113751	14 140 14 120 14 120		AT 11.00- 12.04 11.00- 12.05 11.00- 12.05	111694 116344* 111769	12 1.8 12 1.4 12 1.4	A49
	[AVK]	11.00-	113510	14 140		11.00- 12.04 AT 11.00- 11.00-	116344* 111694 111769	12 1.4 12 1.8 12 1.4	A49
	[BBJ]	04.01- 04.01- 05.06 04.01- 12.04	113510 113751 113882	14 140 14 120 14 120		04.01- 12.04 04.01- 04.01-	116344* 111769	12 1.4 12 1.4	A49
A4 3.0 Quattro	[ASN]	11.00- 12.05 12.00- 12.05	113510 113751	14 140 14 120		11.00- 12.05 11.00- 12.05 AT 11.00- 09.01- 12.04	111769 116344* 111694 111694	12 1.4 12 1.4 12 1.8 12 1.8	A49
	[AVK]	09.01- 09.01- 06.02	113510 113751	14 140 14 120		11.00- 12.04 11.00- 12.04 AT 09.01- 11.00- 12.04	111769 116344* 111694 111694	12 1.4 12 1.4 12 1.8 12 1.8	A49
	[BBJ]	03.01- 05.06 04.01-	113751 113510	14 120 14 140		04.01- 12.04 04.01-	116344* 111769	12 1.4 12 1.4	A49
A4 3.0 S4 Quattro	[CAKA]	11.08-	115913	14 150		11.08- 11.08- 11.08-	115559 116054 115559	12 1.4 12 1.4 12 1.4	
	[CCBA]	11.08-	115913	14 150		11.08- 11.08- 11.08-	115559 116054 115559	12 1.4 12 1.4 12 1.4	
	[CGWC]	11.08-	115913	14 150		11.08- 11.08- 11.08-	115559 116054 115559	12 1.4 12 1.4 12 1.4	
	[CGXC]	11.08-	115913	14 150		11.08- 11.08- 11.08-	116054 115559 116054	12 1.4 12 1.4 12 1.4	A49
	[CREC]	11.08-	115913	14 150		11.08- 11.08- 11.08-	115559 116054 115559	12 1.4 12 1.4 12 1.4	
	[CTUB]	11.08-	115913	14 150		11.08- 11.08- 11.08-	116054 115559 116054	12 1.4 12 1.4 12 1.4	
A4 3.0 TDI	[CLAB]					11.11-	115948	12 2.2	
A4 3.0 TDI Quattro	[ASB]	10.05- 01.06-	115856 115859	14 150 14 140		01.06-	114094	12 2.2	



	[BKN]	11.04- 11.04-	115856 115859	14 150 14 140		11.04-	114094	12 2.2
	[CAPA]	11.07- 05.08 11.07- 05.08 11.07- 05.08	114780 115631 116354*	14 140 A49 14 150 14 140		11.07- 05.08	115948	12 2.2
	[CCLA]	11.07- 05.08 11.07- 05.08 11.07- 05.08	114780 115631 116354*	14 140 A49 14 150 14 140		11.07- 05.08	115948	12 2.2
	[CCWA]	11.07- 04.08 11.07- 04.08 11.07- 04.08	114780 115631 116354*	14 140 A49 14 150 14 140		11.07- 04.08	115948	12 2.2
	[CCWB]	06.08- 06.08- 06.08-	114780 115631 116354*	14 140 A49 14 150 14 140		06.08-	115948	12 2.2
	[CDUC]					11.11-	115948	12 2.2
	[CKVB]					11.11-	115948	12 2.2
	[CKVC]					11.11-	115948	12 2.2
A4 3.0 TDi Quattro Allroad	[CDUC]					01.12-	115948	12 2.2
	[CKVB]					01.12-	115948	12 2.2
	[CKVC]					01.12-	115948	12 2.2
A4 3.2 FSi	[AUK]					01.05- 03.09	114837	12 1.2
	[CALA]	09.08-	115913	14 150		09.08- 09.08-	116054 115559	12 1.4 12 1.4 A49
A4 3.2 FSi Quattro	[AUK]					01.05-	114837	12 1.2
	[BKH]					01.05-	114837	12 1.2
	[CALA]	11.07-	115913	14 150		11.07- 11.07-	116054 115559	12 1.4 12 1.4 A49
A4 RS4 2.7 Quattro	[ASJ]	05.00- 09.01	113751	14 120		05.00- 09.01 05.00-	116344* 111769	12 1.4 12 1.4 A49
	[AZR]	05.00- 09.01	113751	14 120		05.00- 09.01 05.00- 09.01	116344* 111769	12 1.4 12 1.4 A49
A4 RS4 4.2 Quattro	[CFSA]					05.12- 05.12-	115559 116054	12 1.4 12 1.4 A49
A5 1.8 TFSi	[CABD]	10.07-	115367	14 140		10.07-	115394	12 1.1
	[CDHB]	05.09-	115367	14 140		05.09-	115394	12 1.1
	[CJEB]	10.07-	115367	14 140		10.07-	115394	12 1.1
	[CJEE]					05.15-	115394	12 1.1
A5 1.8 TFSi Sportback	[CDHB]	11.09-	115367	14 140		11.09-	115394	12 1.1
	[CJEB]					10.11-	115394	12 1.1
	[CJED]					09.14-	115394	12 1.1
	[CJEE]					05.15-	115394	12 1.1
A5 2.0 TFSi	[CAEA]					03.09- 03.09-	115394 115733	12 1.1 12 1.7
	[CAEB]	03.09-	115367	14 140		03.09- 03.09-	115733 115394	12 1.7 12 1.1
	[CAED]					05.13- 05.13-	115394 115733	12 1.1 12 1.7
	[CDNB]	11.08-	115367	14 140		11.08- 11.08-	115733 115394	12 1.7 12 1.1
	[CDNC]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CNCD]					05.13-	115394	12 1.1
	[CNCE]					08.15-	115394	12 1.1
A5 2.0 TFSi Quattro	[CAEB]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CAED]					03.12-	115394	12 1.1
	[CDNC]	06.08-	115367	14 140		06.08- 06.08-	115733 115394	12 1.7 12 1.1
	[CNCD]					05.13-	115394	12 1.1
	[CNCE]					08.15-	115394	12 1.1
	[CPMB]					03.12-	115394	12 1.1
A5 2.0 TFSi Quattro Sportback	[CNCD]					05.13-	115394	12 1.1
	[CNCE]					08.15-	115394	12 1.1
A5 2.0 TFSi Sportback	[CDNC]	09.09-	115367	14 140		09.09- 09.09-	115733 115394	12 1.7 12 1.1
	[CNCD]					05.13-	115394	12 1.1
	[CNCE]					08.15-	115394	12 1.1
A5 2.0 TFSi Sportback Quattro	[CDNC]	09.09-	115367	14 140		09.09- 09.09-	115733 115394	12 1.7 12 1.1
A5 2.0 TDi	[CAHA]	08.08-	114322	14 140		A25 08.08- 08.08-	115636 115635	12 1.7 12 1.7
	[CAHB]	08.08- 08.08-	114322 116146*	14 140 14 200		08.08- A25 08.08-	115635 115636	12 1.7 12 1.7
	[CGLC]	10.11-	116146*	14 200		10.11- A25 10.11-	115635 115636	12 1.7 12 1.7
	[CGLD]	08.08- 08.08-	114322 116146*	14 140 14 200		08.08- A25 08.08-	115635 115636	12 1.7 12 1.7
	[CJCA]	10.11-	116146*	14 200		A25 10.11- 10.11-	115636 115635	12 1.7 12 1.7
	[CJCD]	05.13-	116146*	14 200		A25 05.13- 05.13-	115636 115635	12 1.7 12 1.7
A5 2.0 TDi Quattro	[CAHA]	08.08-	114322	14 140		A25 08.08- 08.08-	115636 115635	12 1.7 12 1.7
	[CGLC]	12.11-	116146*	14 200		A25 12.11- 12.11-	115636 115635	12 1.7 12 1.7
A5 2.0 TDi Quattro Sportback	[CAHA]	09.09-	114322	14 140		A25 09.09- 09.09-	115636 115635	12 1.7 12 1.7
	[CGLC]	12.11-	116146*	14 200		A25 12.11- 12.11-	115636 115635	12 1.7 12 1.7
A5 2.0 TDi Sportback	[CAGA]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CAGB]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CAHB]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CGLC]	10.11-	116146*	14 200		A25 10.11- 10.11-	115636 115635	12 1.7 12 1.7

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	[CGLD]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CJCA]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CJCB]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CJCD]	05.13- 05.13-	116146* 116146*	14 200 14 200		A25 05.13- 05.13-	115636 115635	12 1.7 12 1.7
	[CMEA]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
	[CMFA]	09.09- 09.09-	114322 116146*	14 140 14 200		09.09- A25 09.09-	115635 115636	12 1.7 12 1.7
A5 2.7 TDI	[CAMA]	06.07- 05.08 06.07- 05.08 06.07- 05.08	114780 115631 116354*	14 140 A49 14 150 14 140		06.07- 05.08	115948	12 2.2
	[CAMB]	09.07- 09.07- 09.07-	114780 115631 116354*	14 140 A49 14 150 14 140		09.07-	115948	12 2.2
	[CGKA]	05.08- 05.08- 05.08-	114780 115631 116354*	14 140 A49 14 150 14 140		05.08-	115948	12 2.2
	[CGKB]	09.07- 09.07- 09.07-	114780 115631 116354*	14 140 A49 14 150 14 140		09.07-	115948	12 2.2
A5 2.7 TDI Sportback	[CGKA]	09.09- 09.09- 09.09-	114780 115631 116354*	14 140 A49 14 150 14 140		09.09-	115948	12 2.2
	[CGKB]	09.09- 09.09- 09.09-	114780 115631 116354*	14 140 A49 14 150 14 140		09.09-	115948	12 2.2
A5 3.0 Quattro	[CAKA]	06.09-	115913	14 150				
	[CCBA]	06.09-	115913	14 150				
	[CGWC]	06.09-	115913	14 150				
	[CGXC]	06.09-	115913	14 150				
	[CTUB]	06.09-	115913	14 150				
A5 3.0 Quattro Sportback	[CAKA]	01.10-	115913	14 150		01.10- 01.10- 01.10-	115559 116054 115559	12 1.4 12 1.4 A49 12 1.4
	[CGWC]	01.10-	115913	14 150		01.10-	116054	12 1.4 A49
	[CTUB]	01.10-	115913	14 150				
A5 3.0 TDI	[CLAB]					10.11-	115948	12 2.2
A5 3.0 TDI Quattro	[CAPA]	06.07- 05.08 06.07- 05.08 06.07- 05.08	114780 115631 116354*	14 140 A49 14 150 14 140		06.07- 05.08	115948	12 2.2
	[CCWA]	05.08- 05.08- 05.08-	114780 115631 116354*	14 140 A49 14 150 14 140		05.08-	115948	12 2.2
	[CCWB]	03.08- 03.08- 03.08-	114780 115631 116354*	14 140 A49 14 150 14 140		03.08-	115948	12 2.2
	[CDUC]					10.11-	115948	12 2.2
	[CKVB]					10.11-	115948	12 2.2
	[CKVD]					05.15-	115735	12 2.0
A5 3.0 TDI Quattro Sportback	[CDUC]					10.11-	115948	12 2.2
	[CKVB]					10.11-	115948	12 2.2
	[CKVD]					05.15-	115735	12 2.0
A5 3.0 TDI Sportback	[CLAB]					10.11-	115948	12 2.2
A5 3.0 TDI Sportback Quattro	[CCWA]	09.09- 09.09- 09.09-	114780 115631 116354*	14 140 A49 14 150 14 140		09.09-	115948	12 2.2
A5 3.2 FSi	[CALA]	06.07- 03.09-	115631 115913	14 150 14 150		06.07- 06.07-	115559 116054	12 1.4 12 1.4 A49
A5 3.2 FSi Quattro	[CALA]	06.07- 06.07-	115631 115913	14 150 14 150		06.07- 06.07-	115559 116054	12 1.4 12 1.4 A49
A5 3.2 FSi Sportback Quattro	[CALA]					09.09- 09.09-	115559 116054	12 1.4 12 1.4 A49
A5 4.2 Quattro	[CFSA]					02.13- 02.13-	115559 116054	12 1.4 12 1.4 A49
A6 1.8	[ADR]	12.95- 02.97	111478	14 90		06.94-	112321	12 1.1
	[AEB]	12.97- 01.05 08.98- 08.98-	113882 112399 113283	14 120 14 90 14 120		04.97-	112321	12 1.1
	[AFY]	05.97- 07.98 05.97- 07.98-	111478 112399 113283	14 90 14 90 14 120		05.97-	112321	12 1.1
	[AJP]	07.97- 08.98- AT 08.98-	112399 113283 113283	14 90 14 120 14 120		05.97-	112321	12 1.1
	[ANB]	12.97- 01.05 01.99- 01.99-	113882 112399 113283	14 120 14 90 14 120		04.97-	112321	12 1.1
	[ANQ]	07.97- 01.05 07.97- 01.05	112399 113283	14 90 14 120		07.97- 01.05	112321	12 1.1
	[APU]	12.97- 01.05 11.98- 11.98-	113882 112399 113283	14 120 14 90 14 120		04.97-	112321	12 1.1
	[AOE]	07.97- 01.05 07.97- 01.05	112399 113283	14 90 14 120		05.97-	112321	12 1.1
	[ARH]	07.97- 01.05 07.97- 01.05	112399 113283	14 90 14 120		07.97-	112321	12 1.1
	[ARK]	12.97- 01.05 01.99- 05.99 01.99- 05.99	113882 112399 113283	14 120 14 90 14 120		04.97-	112321	12 1.1
	[AWT]	12.97- 01.05	113882	14 120		04.97-	112321	12 1.1
A6 1.8 Quattro	[ADR]	12.95-	111478	14 90		10.95-	112321	12 1.1



A6 1.8 Turbo	[AEB]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
		08.98-	113283	14 120					
	[AJL]	08.98-	112399	14 90		06.97-	112321	12 1.1	
		AT 08.98-	113283	14 120					
	[ANB]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
		08.98-	113283	14 120					
	[APU]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1	
		04.97-	112399	14 90					
	AT 08.98-	113283	14 120						
[ARK]	01.97- 01.05	113882	14 120		04.97-	112321	12 1.1		
	04.97-	112399	14 90						
	08.98-	113283	14 120						
[AWL]	01.99- 01.05	112399	14 90		01.99- 01.05	112321	12 1.1		
	01.99- 01.05	113283	14 120						
	01.99- 01.05	113882	14 120						
[AWT]	05.00- 01.05	113283	14 120		04.97-	112321	12 1.1		
	01.97- 01.05	113882	14 120						
	04.97-	112399	14 90						
A6 1.8 Turbo Quattro	[AEB]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
		08.98- 01.99	113283	14 120					
	[AJL]	02.98-	112399	14 90		06.97-	112321	12 1.1	
		AT 02.98-	113283	14 120					
	[ANB]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
		08.98- 01.99	113283	14 120					
	[APU]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1	
		11.98-	113283	14 120					
		AT 08.98- 01.99	113283	14 120					
	[ARK]	04.97- 05.99	112399	14 90		04.97-	112321	12 1.1	
	08.98- 05.99	113283	14 120						
[AWT]	04.97- 01.99	112399	14 90		04.97-	112321	12 1.1		
A6 1.9 TDi	[IZ]	06.94- 09.96	113885	14 150		06.94- 09.96	111694	12 1.8	
	[AFN]	02.97-	112397	14 120		02.97-	111694	12 1.8	
		04.97-	112396	14 90					
	[AHU]	07.96- 10.97	113885	14 150		06.96- 10.97	111694	12 1.8	
	[AJM]	05.99-	112396	14 90		05.99-	111694	12 1.8	
		05.99-	112397	14 120					
	[AVF]	08.01-	112397	14 120		08.01- 01.05	114171	12 1.7 A49	
		08.01-	113252	14 140		08.01- 01.05	116338*	12 1.7	
						SSP 08.01-	111694	12 1.8	
						AT 08.01-	111694	12 1.8	
[AVG]	02.98- 04.01	112397	14 120		04.97- 04.01	111694	12 1.8		
[AWX]	08.01-	112397	14 120		08.01- 01.05	114171	12 1.7 A49		
	08.01-	113252	14 140		08.01- 01.05	116338*	12 1.7		
					SSP 08.01-	111694	12 1.8		
					AT 08.01-	111694	12 1.8		
A6 2.0	[ABK]					06.94- 08.96	112321	12 1.1	
	[ALT]	08.01- 01.05	116172	14 150		08.01-	112321	12 1.1	
		08.01- 01.05	116337	14 120					
	[AAE]				06.94- 08.96	112321	12 1.1		
A6 2.0 16V	[ACE]				06.94-	112321	12 1.1		
A6 2.0 16V Quattro	[ACE]				06.94-	112321	12 1.1		
A6 2.0 TFSi	[BPJ]	06.05-	115858	14 150		06.05-	115961	12 1.1	
		06.05-	115953	14 150		06.05-	115947	12 1.1	
	[BYK]	01.07-	115858	14 150		01.07-	115947	12 1.1	
		01.07-	115953	14 150		01.07-	115961	12 1.1	
	[CAEB]					03.11-	115394	12 1.1	
	[CAED]					05.13-	115394	12 1.1	
	[CDNB]					05.11-	115394	12 1.1	
	A6 2.0 TFSi Quattro	[CAEB]					05.12- 05.13	115394	12 1.1
		[CAED]					05.13-	115394	12 1.1
	A6 2.0 TDi	[BLB]					AT 07.04-	114177	12 2.0
						07.04-	114096	12 2.0	
[BNA]		06.05-	114831	14 180		AT 06.05-	114177	12 2.0	
						06.05-	114096	12 2.0	
[BRE]						AT 07.04-	114177	12 2.0	
						07.04-	114096	12 2.0	
						06.05-	114177	12 2.0	
[BRF]		06.05-	114831	14 180		AT 06.05-	114177	12 2.0	
						06.05-	114096	12 2.0	
[BVG]						09.05-	114096	12 2.0	
[CAGB]		06.05-	116438*	14 180		AT 06.05-	114177	12 2.0	
						06.05-	114096	12 2.0	
[CAHA]		10.08-	116438*	14 180					
[CAHB]		04.09-	116438*	14 180		AT 04.09-	114177	12 2.0	
						04.09-	114096	12 2.0	
[CGLC]		03.11-	116146*	14 200		03.11-	115635	12 1.7	
[CGLD]		03.11-	116146*	14 200		03.11-	115635	12 1.7	
						A25 05.11-	115636	12 1.7	
[CGLE]		01.12-	116146*	14 200		A25 01.12-	115636	12 1.7	
						01.12-	115635	12 1.7	
[CMGB]	03.11-	116146*	14 200		03.11-	115635	12 1.7		
					A25 05.11-	115636	12 1.7		
[CSUE]	01.12-	116146*	14 200		01.12-	115636	12 1.7		
					01.12-	115635	12 1.7		
A6 2.3	[AAR]	06.94- 07.94	112806	14 120		06.94- 12.95	111010	12 1.4	
		06.94- 12.95	113758	14 120					
		Chas. -4AS020156 06.94- 07.94	112806	14 120					
A6 2.3 Quattro	[AAR]	06.94- 07.94	112806	14 120		08.94- 07.97	111010	12 1.4	
		06.94- 12.95	113758	14 120					
A6 2.4	[AGA]	04.97- 07.98	112806	14 120		02.97- 01.05	116344*	12 1.4	
						04.97-	111769	12 1.4 A49	
	[AJG]	04.97- 07.98	112806	14 120		02.97- 01.05	116344*	12 1.4	
						04.97- 01.99	111769	12 1.4 A49	
	[ALF]	06.97- 07.98	112806	14 120		02.97- 01.05	116344*	12 1.4	
					06.97-	111769	12 1.4 A49		

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	[ALW]	08.97- 07.98	112806	14	120	07.98- 01.05	116344*	12	1.4
						07.98-	111769	12	1.4 A49
	[AML]	06.00- 04.01	112399	14	90	04.97- 01.05	116344*	12	1.4
		12.97- 01.05	113751	14	120	06.97-	111769	12	1.4 A49
	[AMM]	06.01- 05.04	113751	14	120	02.97- 01.05	116344*	12	1.4
						06.00- 05.04	111769	12	1.4 A49
	[APC]	04.98- 07.98	112806	14	120	12.97- 01.05	116344*	12	1.4
						04.98-	111769	12	1.4 A49
	[APS]					11.98-	111769	12	1.4 A49
						12.97- 01.05	116344*	12	1.4
	[APZ]					11.98- 05.00	111769	12	1.4 A49
						02.97- 01.05	116344*	12	1.4
	[ARJ]					11.98-	111769	12	1.4 A49
						12.97- 01.05	116344*	12	1.4
	[ARN]	02.99- 01.05	112806	14	120	02.99-	111769	12	1.4 A49
		02.99- 01.05	113751	14	120	02.99- 01.05	116344*	12	1.4
	[ASM]	06.01- 01.05	113751	14	120	06.01- 01.05	116344*	12	1.4
						06.00- 05.04	111769	12	1.4 A49
	[BDV]	06.01- 01.05	113751	14	120	08.01- 01.05	116344*	12	1.4
		08.01-	113510	14	140	08.01-	111769	12	1.4 A49
	[BDW]	05.04-	115414	14	180	05.04-	114837	12	1.2
A6 2.4 Quattro	[AGA]	04.97- 07.98	112806	14	120	02.97- 01.05	116344*	12	1.4
						04.97-	111769	12	1.4 A49
	[AJG]	02.97- 07.98	112806	14	120	02.97- 01.99	111769	12	1.4 A49
						02.97- 01.05	116344*	12	1.4
	[ALF]	06.97- 07.98	112806	14	120	02.97- 01.05	116344*	12	1.4
						06.97-	111769	12	1.4 A49
	[AML]	06.00- 05.01	112399	14	90	12.97- 01.05	116344*	12	1.4
						12.97-	111769	12	1.4 A49
	[APC]	08.98- 05.01	112399	14	90	08.98- 05.01	116344*	12	1.4
						08.98- 05.01	111769	12	1.4 A49
	[APS]					11.98-	111769	12	1.4 A49
						12.97- 01.05	116344*	12	1.4
	[APZ]					11.98- 05.00	111769	12	1.4 A49
						02.97- 01.05	116344*	12	1.4
	[ARJ]					11.98-	111769	12	1.4 A49
						12.97- 01.05	116344*	12	1.4
	[BDV]	06.01- 01.05	113751	14	120	08.01- 01.05	116344*	12	1.4
		08.01-	113510	14	140	08.01-	111769	12	1.4 A49
	[BDW]	01.05-	115414	14	180	01.05-	114837	12	1.2
A6 2.5 TDi	[AEL]	08.94- 12.97	113758	14	120	10.94-	112537	12	2.2
	[AFB]	04.97- 01.05	113758	14	120	04.97-	111995	12	2.0
	[AKE]	02.00-	113510	14	140	02.00-	111995	12	2.0
	[AKN]	12.97- 01.05	113758	14	120	04.97- 06.99	111995	12	2.0
	[AYM]	08.01-	113510	14	140	08.01-	111995	12	2.0
	[BCZ]	11.02- 05.04	113510	14	140	11.02- 05.04	111995	12	2.0
	[BDG]	11.02- 05.04	113510	14	140	11.02- 05.04	111995	12	2.0
	[BFC]	07.02- 08.03	113510	14	140	07.02- 08.03	111995	12	2.0
	[AAT]	06.94- 12.97	113758	14	120	06.94-	112537	12	2.2
		Chas. -4A.S.012156	06.94- 10.97	112750	14	90			
A6 2.5 TDi Quattro	[AEL]	07.95- 10.97	113758	14	120	07.95-	112537	12	2.2
	[AFB]	07.97- 01.05	113758	14	120	07.97-	111995	12	2.0
	[AKE]	02.00-	113510	14	140	02.00-	111995	12	2.0
	[AKN]	07.97- 01.05	113758	14	120	07.97-	111995	12	2.0
	[BAU]					02.00-	111995	12	2.0
	[BDH]					02.00-	111995	12	2.0
A6 2.6	[ABC]	06.94- 02.96	112806	14	120	06.94-	112309	12	1.4
						04.97- 07.98	111769	12	1.4 A49
						06.94- 12.97	116344*	12	1.4
	[ACZ]	06.94- 02.96	112806	14	120	06.94- 10.97	112309	12	1.4
A6 2.6 Quattro	[ABC]	06.94-	112806	14	120	06.94-	112309	12	1.4
A6 2.7	[AJK]	02.99- 05.01	112399	14	90	12.97-	111769	12	1.4 A49
		02.99- 05.01	113751	14	120	02.99- 05.01	116344*	12	1.4
A6 2.7 Quattro	[AJK]	10.97- 08.00	112399	14	90	12.97- 08.00	111769	12	1.4 A49
		02.99- 08.00	113751	14	120	12.97- 05.01	116344*	12	1.4
	[AZA]					09.00- 05.01	111769	12	1.4 A49
						09.00- 05.01	116344*	12	1.4
A6 2.7 Turbo Quattro	[ARE]					08.01-	111769	12	1.4 A49
						08.01- 01.05	116344*	12	1.4
	[BES]					07.02- 01.05	111769	12	1.4 A49
						08.01- 01.05	116344*	12	1.4
A6 2.7 TDi	[BPP]	11.04-	114408	14	180	11.04-	114094	12	2.2
	[BSG]	11.04-	114408	14	180	11.04-	114094	12	2.2
		11.04-	115906	14	180				
	[CANA]	10.08-	115910	14	180				
	[CANB]	11.04-	114408	14	180	11.04-	114094	12	2.2
		11.04-	115906	14	180				
	[CANC]	10.08-	115910	14	180				
A6 2.7 TDi Allroad Quattro	[BPP]	05.06-	114408	14	180	05.06-	114094	12	2.2
	[BSG]	05.06- 08.11	114408	14	180	05.06-	114094	12	2.2
		05.06- 08.11	115910	14	180				
	[CANC]	10.08- 08.11	115910	14	180				
	[CAND]	05.06- 08.11	115910	14	180				
A6 2.7 TDi Quattro	[BPP]	11.04-	114408	14	180	11.04-	114094	12	2.2
	[BSG]	06.05-	114408	14	180	06.05-	114094	12	2.2
		06.05-	115910	14	180				
	[CANC]	10.08-	115910	14	180				
	[CAND]	06.05-	114408	14	180	06.05-	114094	12	2.2
		06.05-	115910	14	180				
A6 2.8	[APR]	11.98- 04.01	113751	14	120	11.98- 04.01	116344*	12	1.4
						11.98-	111769	12	1.4 A49
	[ACK]	10.95- 07.98	112806	14	120	02.97- 07.98	116344*	12	1.4
		02.97- 07.98	113751	14	120	10.95- 10.97	112309	12	1.4
						04.97-	111769	12	1.4 A49
	[AEJ]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4
	[AFC]	06.94- 10.97	112806	14	120	06.94- 10.97	112309	12	1.4



	[AGE]	10.97- 07.98	111478	14 90	10.97-	111769	12 1.4	A49
		10.97- 07.98	112806	14 120	10.97- 07.98	116344*	12 1.4	
		08.98-	112399	14 90				
	[AHA]	06.00- 04.01	112399	14 90	06.00- 04.01	111769	12 1.4	A49
		06.00- 04.01	113751	14 120	06.00- 04.01	116344*	12 1.4	
	[ALG]	06.97- 07.98	112806	14 120	06.97-	111769	12 1.4	A49
		12.97- 01.99	113751	14 120	06.97- 01.99	116344*	12 1.4	
		08.98- 01.99	112399	14 90				
	[AMX]	06.00- 05.01	112399	14 90	06.97-	111769	12 1.4	A49
		06.00- 04.01	113751	14 120	06.00- 04.01	116344*	12 1.4	
[AOD]	11.98- 04.01	112399	14 90	06.97-	111769	12 1.4	A49	
	11.98- 04.01	113751	14 120	11.98- 04.01	116344*	12 1.4		
[ATX]				07.99-	111769	12 1.4	A49	
				07.99- 01.05	116344*	12 1.4		
[AAH]	06.94- 10.97	112806	14 120	06.94- 10.97	112309	12 1.4		
A6 2.8 Quattro	[APR]	01.99- 05.01	112806	14 120	11.98-	111769	12 1.4	A49
		01.99- 05.01	113751	14 120	01.99- 05.01	116344*	12 1.4	
	[ACK]	10.95- 07.98	112806	14 120	10.95- 10.97	112309	12 1.4	
				04.97-	111769	12 1.4	A49	
				04.97- 12.98	116344*	12 1.4		
	[AEJ]	06.94- 10.97	112806	14 120	06.94- 10.97	112309	12 1.4	
	[AHA]	06.00- 05.01	113751	14 120	06.00- 05.01	116344*	12 1.4	
				06.00- 05.01	111769	12 1.4	A49	
	[ALG]	06.97- 07.98	112806	14 120	06.97- 01.99	116344*	12 1.4	
		08.98- 01.99	112399	14 90	06.97-	111769	12 1.4	A49
	[AMX]	06.00- 05.01	113751	14 120	06.00- 05.01	116344*	12 1.4	
				07.99-	111769	12 1.4	A49	
	[AOD]	11.98- 05.01	112399	14 90	12.97- 05.01	116344*	12 1.4	
				06.97-	111769	12 1.4	A49	
	[AAH]	06.94- 10.97	112806	14 120	06.94- 10.97	112309	12 1.4	
A6 2.8 FSI	[BDX]				11.06-	114837	12 1.2	
	[CCDA]	10.08-	115919	14 150	10.08-	114837	12 1.2	
	[CCEA]	10.08-	115919	14 150	10.08-	114837	12 1.2	
	[CHVA]				05.11-	115559	12 1.4	
					05.11-	116054	12 1.4	A49
A6 2.8 FSI Quattro	[BDX]				06.07-	114837	12 1.2	
	[CCDA]	10.08-	115919	14 150	10.08-	114837	12 1.2	
	[CCEA]	10.08-	115919	14 150	10.08-	114837	12 1.2	
	[CHVA]				05.11-	115559	12 1.4	
					05.11-	116054	12 1.4	A49
A6 3.0	[ASN]	06.01- 05.04	113751	14 120	08.01- 01.05	116344*	12 1.4	
		08.01-	113510	14 140	08.01-	111769	12 1.4	A49
	[BBJ]	03.05- 05.06	114408	14 180	03.05- 05.06	115946	12 1.2	
A6 3.0 Quattro	[ASN]	06.01- 05.04	113751	14 120	08.01- 01.05	116344*	12 1.4	
		08.01-	113510	14 140	08.01-	111769	12 1.4	A49
	[BBJ]	05.04- 05.06	114408	14 180	05.04- 05.06	115946	12 1.2	
A6 3.0 TFSI Quattro	[CAJA]				10.08-	114837	12 1.2	
	[CCAA]				10.08- 08.11	114837	12 1.2	
	[CGWB]				11.10-	115559	12 1.4	
					11.10-	116054	12 1.4	A49
	[CGWD]				03.11-	115559	12 1.4	
					03.11-	116054	12 1.4	A49
	[CGXB]				03.11-	115559	12 1.4	
					03.11-	116054	12 1.4	A49
	[CTUA]				03.11-	115559	12 1.4	
					03.11-	116054	12 1.4	A49
A6 3.0 TFSI Quattro Allroad	[CGWD]				03.12-	115559	12 1.4	
					01.12-	116054	12 1.4	A49
A6 3.0 TDI Allroad Quattro	[ASB]	05.06-	114408	14 180	05.06-	114094	12 2.2	
	[BNG]	05.06- 08.11	114408	14 180	05.06-	114094	12 2.2	
		05.06- 08.11	115910	14 180				
	[CDYA]	10.08- 08.11	115910	14 180				
	[CDYB]	05.06- 08.11	115910	14 180				
	[CDYC]	10.08- 08.11	115910	14 180				
	[CZVF]				11.15-	115948	12 2.2	
A6 3.0 TDI Quattro	[ASB]	06.06-	114408	14 180	06.06-	114094	12 2.2	
	[BMK]	05.04-	114408	14 180	05.04-	114094	12 2.2	
					05.04-	111995	12 2.0	
	[BNG]	05.04-	114408	14 180	05.04-	114094	12 2.2	
		05.04-	115910	14 180				
	[CDUC]				A25 05.11-	115735	12 2.0	
					03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CDUD]				A25 05.11-	115735	12 2.0	
					03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CDYA]	10.08-	115906	14 180				
	[CDYB]	05.04-	114408	14 180	05.04-	114094	12 2.2	
		05.04-	115910	14 180				
	[CDYC]	10.08-	115906	14 180				
	[CKVB]				10.08-	114094	12 2.2	
					A25 05.11-	115735	12 2.0	
					03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CKVC]				A25 05.11-	115735	12 2.0	
					03.11-	115735	12 2.0	
					03.11-	115948	12 2.2	
	[CPNB]				05.13-	115735	12 2.0	
					05.13-	115948	12 2.2	
A6 3.2 FSI	[AUK]	05.04- 05.09	115414	14 180	05.04- 05.09	114837	12 1.2	
		05.04- 05.09	115919	14 150				
	[BKH]	05.04- 05.09	115414	14 180	05.04- 05.09	114837	12 1.2	
		05.04- 05.09	115919	14 150				
	[CALA]				05.09- 03.11	114837	12 1.2	
A6 3.2 FSI Allroad Quattro	[AUK]	05.06-	115414	14 180	05.06- 10.08	114837	12 1.2	
		05.06- 10.08	115919	14 150				
A6 3.2 FSI Quattro	[AUK]	05.04-	115414	14 180	05.04-	114837	12 1.2	
		05.04-	115919	14 150				

STARTERS & ALTERNATORS



Application list

AUDI Continued

	[BKH]	05.04-05.04-	115414115919	14 18014 150		05.04-	114837	12 1.2
A6 4.0 Quattro	[CEUC]					02.12-02.12-	115559116054	12 1.412 1.4 A49
	[CRDB]					01.13-01.13-	115559116054	12 1.412 1.4 A49
	[CTGE]					10.14-10.14-	115559116054	12 1.412 1.4 A49
A6 4.0 RS6 performance quattro	[CWUC]					11.15-11.15-	115559116054	12 1.412 1.4 A49
A6 4.0 S6 quattro	[CEUC]					02.12-02.12-	115559116054	12 1.412 1.4 A49
A6 4.2 Quattro	[ARS]	11.98-01.05	113882	14 120				
	[ASG]	11.98-01.05	113882	14 120				
	[AWN]	11.98-01.05	113882	14 120				
A6 5.0 RS6 Quattro	[BUH]					11.08-08.10	115996	12 1.4
A6 5.2 Quattro	[BXA]					03.06-	115996	12 1.4
A7 2.8 FSi	[CHVA]					02.11-02.11-	115559116054	12 1.412 1.4 A49
A7 2.8 FSi Quattro Sportback	[CHVA]					10.10-10.10-	115559116054	12 1.412 1.4 A49
	[CNVA]					10.10-10.10-	115559116054	12 1.412 1.4 A49
A7 3.0 TFSi Quattro Sportback	[CGWB]					10.10-10.10-	115559116054	12 1.412 1.4 A49
	[CHMA]					10.10-10.10-	115559116054	12 1.412 1.4 A49
A7 3.0 TDi Quattro Sportback	[CPNB]					05.13-	115735	12 2.0
	[CZVF]					11.15-	115948	12 2.2
A7 3.0 TDi Sportback	[CZVD]					11.15-	115948	12 2.2
	[CZVE]					11.15-	115948	12 2.2
A7 4.0 Quattro Sportback	[CRDB]					10.13-10.13-	115559116054	12 1.412 1.4 A49
	[CTGE]					07.14-07.14-	115559116054	12 1.412 1.4 A49
	[CWUB]					10.13-10.13-	115559116054	12 1.412 1.4 A49
A7 4.0 RS7 performance Quattro S	[CWUC]					11.15-11.15-	115559116054	12 1.412 1.4 A49
A7 4.0 S7 quattro Sportback	[CEUC]					02.12-02.12-	115559116054	12 1.412 1.4 A49
A8 2.5 TDi	[AFB]	01.97-04.00	113758	14 120		06.97-04.00	111995	12 2.0
	[AKE]					09.00-	111995	12 2.0
	[AKN]	01.97-04.00	113758	14 120		07.97-10.00	111995	12 2.0
A8 2.5 TDi Quattro	[AFB]	07.97-04.00	113758	14 120		07.97-	111995	12 2.0
	[AKE]					09.00-	111995	12 2.0
	[AKN]	07.97-04.00	113758	14 120		07.97-	111995	12 2.0
A8 2.8	[APR]	07.95-12.98	112806	14 120		01.99-04.99	116344*	12 1.4
						04.97-12.98	111769	12 1.4 A49
						07.95-04.97	112309	12 1.4
	[ACK]	07.95-12.98	112806	14 120		04.96-12.98	116344*	12 1.4
						04.97-12.98	111769	12 1.4 A49
						07.95-04.97	112309	12 1.4
	[AEJ]	07.95-	112806	14 120		07.95-	112309	12 1.4
	[ALG]	10.97-12.98	112806	14 120		10.97-12.98	116344*	12 1.4
						10.97-12.98	111769	12 1.4 A49
	[AMX]	07.95-12.98	112806	14 120		05.00-09.02	116344*	12 1.4
						04.97-12.98	111769	12 1.4 A49
						07.95-04.97	112309	12 1.4
	[AOD]	07.95-12.98	112806	14 120		01.99-02.01	116344*	12 1.4
						04.97-12.98	111769	12 1.4 A49
						07.95-04.97	112309	12 1.4
	[AAH]	06.94-03.96	112806	14 120		06.94-03.96	112309	12 1.4
A8 2.8 Quattro	[APR]	04.96-	112806	14 120		01.99-04.99	116344*	12 1.4
						04.97-	111769	12 1.4 A49
						04.96-04.97	112309	12 1.4
	[ACK]	04.96-	112806	14 120		04.96-09.02	116344*	12 1.4
						04.97-	111769	12 1.4 A49
						04.96-04.97	112309	12 1.4
	[AEJ]	07.95-	112806	14 120		07.95-	112309	12 1.4
	[AMX]	04.96-	112806	14 120		05.00-09.02	116344*	12 1.4
						04.97-	111769	12 1.4 A49
						04.96-04.97	112309	12 1.4
	[AOD]	04.96-	112806	14 120		01.99-04.99	116344*	12 1.4
						04.97-	111769	12 1.4 A49
						04.96-04.97	112309	12 1.4
	[AAH]	09.94-03.96	112806	14 120		09.94-03.96	112309	12 1.4
A8 2.8 FSi	[BDX]					08.07-	114837	12 1.2
A8 3.0	[ASN]					08.03-	111769	12 1.4 A49
						08.03-	116344*	12 1.4
	[BBJ]	07.03-07.03-	113751113882	14 12014 120		07.03-07.03-	111769116344*	12 1.412 1.4 A49
A8 3.0 TFSi Quattro	[CGWA]					07.10-	115559	12 1.4
						07.10-	116054	12 1.4 A49
	[CGWD]					11.11-	115559	12 1.4
						11.11-	116054	12 1.4 A49
	[CGXC]					06.10-	115559	12 1.4
						06.10-	116054	12 1.4 A49
	[CMDA]					06.10-	115559	12 1.4
						06.10-	116054	12 1.4 A49
	[CREA]					11.11-	115559	12 1.4
						11.11-	116054	12 1.4 A49
	[CREC]					06.10-	115559	12 1.4
						06.10-	116054	12 1.4 A49
	[CTDA]					06.10-	115559	12 1.4
						06.10-	116054	12 1.4 A49
A8 3.0 TDi Quattro	[ASB]	08.03-	114408	14 180		08.03-	115938	12 2.2



	[BNG]	11.03-	113751	14	120		11.03-	115938	12	2.2
	[CDTA]						11.03-	114094	12	2.2
	[CDTC]						A25 07.10-	115735	12	2.0
	[CMHA]						A25 07.10-	115735	12	2.0
	[CPNA]						11.12-	115735	12	2.0
A8 3.2 FSi	[BPK]						06.05-	114837	12	1.2
A8 3.2 FSi Quattro	[BPK]						06.05-	114837	12	1.2
A8 4.0 Quattro	[DDTA]						11.15-	115559	12	1.4
							11.15-	116054	12	1.4 A49
A8 4.0 S8 quattro	[CGTA]						02.12-	115559	12	1.4
							02.12-	116054	12	1.4 A49
	[CTFA]						02.12-	115559	12	1.4
							02.12-	116054	12	1.4 A49
A8 4.0 TFSi Quattro	[CEUA]						03.12-	115559	12	1.4
							03.12-	116054	12	1.4 A49
	[CTGA]						10.13-	115559	12	1.4
							10.13-	116054	12	1.4 A49
A8 4.2 FSi Quattro	[CDRA]						11.09-	115559	12	1.4
							11.09-	116054	12	1.4 A49
A8 4.2 TDi Quattro	[BMC]						07.05-	114776	12	2.3
A8 5.2 Quattro	[BSM]						06.06-	115996	12	1.4
A8 6.0 W12 Quattro	[BHT]						12.03-	115996	12	1.4
	[BSB]						12.03-	115996	12	1.4
	[BTE]						12.03-	115996	12	1.4
Allroad 2.5 TDi Quattro	[AKE]	05.00- 08.05	113510	14	140		05.00- 05.03	111995	12	2.0
		05.00- 08.05	113751	14	120					
	[BAU]	05.00- 08.05	112079	14	90 A47		02.03- 01.05	111995	12	2.0
		05.00- 08.05	113751	14	120					
		05.00- 08.05	114789	14	90 A49					
	[BCZ]	06.03-	113510	14	140		06.03-	111995	12	2.0
Allroad 2.7 Turbo Quattro	[ARE]	05.00- 05.02	113510	14	140		05.00- 08.06	116344*	12	1.4
							05.00- 06.02	111769	12	1.4 A49
	[BES]	07.02- 08.05	113510	14	140		07.02- 08.05	116344*	12	1.4
							07.02- 08.05	111769	12	1.4 A49
Allroad 4.2 V8 Quattro	[BAS]						07.02-	111769	12	1.4 A49
							07.02- 08.05	116344*	12	1.4
Cabriolet 1.8	[ADR]						01.97- 08.00	112321	12	1.1
Cabriolet 1.9 TDi	[TZ]	AT 06.95- 07.96	111676	14	90		06.95- 07.96	111694	12	1.8
	[AHU]	AT 07.96-	111676	14	90		07.96-	111694	12	1.8
Cabriolet 2.0	[ABK]						01.93- 09.98	112321	12	1.1
Cabriolet 2.0 16V	[ACE]						05.95- 07.96	112321	12	1.1
Cabriolet 2.3	[NG]	05.91- 07.94	112750	14	90		05.91- 07.94	111010	12	1.4
Cabriolet 2.6	[ABC]	01.94-	112806	14	120		01.94-	112309	12	1.4
	[ACZ]	Chas. 8G-P-004 001- 05.95- 12.99	112806	14	120		05.95- 12.99	112309	12	1.4
Cabriolet 2.8	[AAH]	11.92- 08.00	112806	14	120		11.92- 08.00	112309	12	1.4
Coupe 1.6	[YN]						07.80- 08.81	110865	12	0.95
Coupe 1.8	[DD]						08.81- 08.82	110865	12	0.95
	[DZ]	08.89- 07.91	112149	14	65					
Coupe 1.8 GT	[DS]	06.83- 07.85	110919	14	70		09.82- 10.88	110865	12	0.95
		08.85- 10.88	112149	14	65					
	[DZ]	08.86- 10.88	112149	14	65		08.86- 10.88	110865	12	0.95
	[JN]	01.85- 07.85	110919	14	70		01.85- 07.88	110865	12	0.95
		08.85- 07.88	112149	14	65					
	[JV]	06.83- 07.85	110919	14	70		09.82- 10.88	110865	12	0.95
		08.85- 10.88	112149	14	65					
	[PV]	08.86- 10.88	112149	14	65		08.86- 10.88	110865	12	0.95
	[SF]	04.86- 10.88	112149	14	65		04.86- 10.88	110865	12	0.95
Coupe 1.8 GT Quattro	[DZ]						12.84- 10.88	110865	12	0.95
Coupe 1.9	[WN]	08.80- 07.81	110911	14	55		09.82- 07.83	111010	12	1.4
		08.80- 07.81	111139	14	75					
Coupe 2.0	[3A]						AT 05.89- 07.90	110865	12	0.95
	[ABK]	05.89- 07.91	112149	14	65		05.89- 12.96	112321	12	1.1
	[ACE]						08.92- 12.95	112321	12	1.1
	[HP]						09.83- 07.86	111010	12	1.4
	[JS]						09.83- 07.86	111010	12	1.4
	[SK]	03.86- 07.91	112149	14	65		03.86- 04.88	111010	12	1.4
	[AAD]	05.89- 07.91	112149	14	65		05.89- 12.96	112321	12	1.1
							AT 08.90- 07.91	110865	12	0.95
Coupe 2.0 16V	[6A]						01.92- 07.92	112321	12	1.1
Coupe 2.0 20V	[NM]						08.89- 07.91	111010	12	1.4
Coupe 2.0 20V Quattro	[NM]	08.89- 07.91	112750	14	90		08.89- 07.91	111010	12	1.4
Coupe 2.1	[WE]						01.81- 07.83	111010	12	1.4
Coupe 2.1 Turbo 20V Quattro	[KW]						05.84- 07.87	111010	12	1.4
Coupe 2.1 Turbo Quattro	[GV]	07.80- 07.81	111139	14	75		07.80- 07.87	111010	12	1.4
	[WR]	07.80- 07.81	111139	14	75		07.80- 07.87	111010	12	1.4
Coupe 2.2 Quattro	[JT]						12.84- 10.88	111010	12	1.4
	[KV]	11.88- 07.91	112750	14	90		12.84- 07.91	111010	12	1.4
Coupe 2.2 S2 Quattro	[3B]	08.89- 09.92	112750	14	90		09.90- 09.92	111010	12	1.4
	[ABY]						10.92- 12.95	111010	12	1.4
Coupe 2.2 20V Quattro	[RR]	08.89- 07.91	112750	14	90		08.89- 07.91	111010	12	1.4
Coupe 2.2 GT	[KE]						04.82- 07.84	111010	12	1.4
	[KL]						04.82- 07.84	111010	12	1.4
	[KV]						09.84- 10.88	111010	12	1.4
	[KX]						01.84- 10.88	111010	12	1.4
Coupe 2.2 Turbo Quattro	[1B]	08.87- 11.90	112750	14	90		02.88- 11.90	111010	12	1.4
	[MB]	08.88- 07.89	112750	14	90		08.87- 07.89	111010	12	1.4
Coupe 2.3	[NG]	10.88- 12.96	112750	14	90		02.87- 07.94	111010	12	1.4
Coupe 2.3 Quattro	[NG]	11.88- 07.94	112750	14	90		01.87- 07.94	111010	12	1.4
Coupe 2.3 20V	[7A]	11.88- 12.96	112750	14	90		08.89- 07.91	111010	12	1.4
Coupe 2.3 20V Quattro	[7A]	11.88- 07.91	112750	14	90		11.88- 07.91	111010	12	1.4
Coupe 2.6	[ABC]	08.92- 12.95	112806	14	120		08.92- 12.95	112309	12	1.4
Coupe 2.6 Quattro	[ABC]	08.92- 12.95	112806	14	120		08.92- 12.95	112309	12	1.4
Coupe 2.8	[AAH]	09.91- 12.95	112806	14	120		09.91- 12.95	112309	12	1.4
Coupe 2.8 Quattro	[AAH]	08.91- 12.95	112806	14	120		08.91- 12.95	112309	12	1.4
Q2 1.4 TFSi	[CZEA]						09.16-	115818	12	1.1
Q2 1.6 TDi	[DDYA]						09.16-	115634	12	1.8

STARTERS & ALTERNATORS



Application list

AUDI Continued

Q3 1.4 TFSI	[CHPB]	10.13-	115916	14	140	10.13-	115964	12	2.0
						10.13-	115561	12	1.7
						10.13-	115900	12	1.1
	[CZDA]	10.13-	115916	14	140	10.13-	115964	12	2.0
						10.13-	115561	12	1.7
						10.13-	115900	12	1.1
	[CZDB]					07.16-	115696	12	1.1
						07.16-	115900	12	1.1
	[CZEA]	10.13-	115916	14	140	10.13-	115964	12	2.0
						10.13-	115561	12	1.7
					10.13-	115900	12	1.1	
Q3 2.0 TFSI	[CULB]					05.15-	115900	12	1.1
Q3 2.0 TFSI Quattro	[CCZC]					A25 06.11-	115964	12	2.0
						06.11-	113773	12	1.1
						06.11-	115900	12	1.1
	[CPSA]					06.11-	115900	12	1.1
	[CULB]					11.14-	115900	12	1.1
Q3 2.0 TDI	[CFFA]	09.11-	115433	14	140	09.11-	115402	12	1.8
	[CFFB]	09.11-	115433	14	140	09.11-	115638	12	1.7
						09.11-	115402	12	1.8
	[CFGC]	05.13-	115433	14	140	05.13-	113841	12	1.7
						A25 05.13-	115402	12	1.8
						05.13-	115638	12	1.7
	[CLJA]	09.11-	115433	14	140	09.11-	115638	12	1.7
	[CUVC]	11.14-	115826	14	140 A49	11.14-	115402	12	1.8
		11.14-	116359*	14	140				
	[CUVD]	03.15-	115826	14	140 A49	03.15-	115402	12	1.8
		03.15-	116359*	14	140				
	[CUWA]	05.15-	115826	14	140 A49	05.15-	115539	12	2.0 A49
	05.15-	116359*	14	140	05.15-	116156	12	2.0	
					05.15-	115402	12	1.8	
Q3 2.0 TDI Quattro	[CFFB]	01.12-	115433	14	140	01.12-	115402	12	1.8
	[CFGC]	06.11-	115433	14	140	06.11-	115638	12	1.7
	[CFGD]	06.11-	115433	14	140	06.11-	115638	12	1.7
	[CLLB]	06.11-	115433	14	140	06.11-	115638	12	1.7
	[CUVC]	11.14-	115826	14	140 A49	11.14-	115402	12	1.8
		11.14-	116359*	14	140				
	[CUWA]	11.14-	116359*	14	140	11.14-	116156	12	2.0
		11.14-	115826	14	140 A49	11.14-	115539	12	2.0 A49
		11.14-	116359*	14	140	11.14-	116156	12	2.0
					11.14-	115402	12	1.8	
Q3 2.5 Quattro	[CTSA]					10.13-	115561	12	1.7
	[CZGB]					01.15-	115561	12	1.7
Q5 2.0 TFSI	[CAEB]	11.08-	115367	14	140	11.08-	115733	12	1.7
						11.08-	115394	12	1.1
	[CDNB]	08.09-	115367	14	140	08.09-	115394	12	1.1
	[CDNC]	11.08-	115367	14	140	11.08-	115733	12	1.7
						11.08-	115394	12	1.1
	[CNGB]	08.09-	115367	14	140	08.09-	115394	12	1.1
[CPMA]	11.08-	115367	14	140	11.08-	115733	12	1.7	
					11.08-	115394	12	1.1	
Q5 2.0 TFSI Quattro	[CNCD]					06.12-	115394	12	1.1
	[CNCE]					08.15-	115394	12	1.1
	[CPMB]					05.13-	115394	12	1.1
Q5 2.0 TFSI Hybrid	[CHJA]					06.11-	115733	12	1.7
Q5 2.0 TDI	[CAGA]	08.09-	114322	14	140	A25 08.09-	115636	12	1.7
						08.09-	115635	12	1.7
	[CAGB]	08.09-	114322	14	140	A25 08.09-	115636	12	1.7
						08.09-	115635	12	1.7
	[CAHA]	11.08-	114322	14	140	A25 11.08-	115636	12	1.7
						11.08-	115635	12	1.7
	[CAHB]	11.08-	114322	14	140	11.08-	115635	12	1.7
		11.08-	116146*	14	200	A25 11.08-	115636	12	1.7
	[CGLA]	11.08-	114322	14	140	A25 11.08-	115636	12	1.7
		11.08-	116146*	14	200	11.08-	115635	12	1.7
	[CGLB]	11.08-	114322	14	140	A25 11.08-	115636	12	1.7
						11.08-	115635	12	1.7
	[CGLD]	11.08-	114322	14	140	11.08-	115635	12	1.7
		11.08-	116146*	14	200	A25 11.08-	115636	12	1.7
	[CJCA]	08.09-	114322	14	140	A25 08.09-	115636	12	1.7
						08.09-	115635	12	1.7
	[CJCB]	08.09-	114322	14	140	A25 08.09-	115636	12	1.7
					08.09-	115635	12	1.7	
[CJCD]	05.13-	116146*	14	200	A25 05.13-	115636	12	1.7	
					05.13-	115635	12	1.7	
[CMGA]	11.08-	114322	14	140	A25 11.08-	115636	12	1.7	
					11.08-	115635	12	1.7	
Q5 2.0 TDI Quattro	[CGLC]	06.12-	116146*	14	200	A25 06.12-	115636	12	1.7
						06.12-	115635	12	1.7
	[CJCD]	05.13-	116146*	14	200	A25 05.13-	115636	12	1.7
					05.13-	115635	12	1.7	
[CMGB]	06.12-	116146*	14	200	A25 06.12-	115636	12	1.7	
					06.12-	115635	12	1.7	
Q5 3.0 Diesel Quattro	[CGOB]					12.12-	115735	12	2.0
Q5 3.0 TDI	[CCWA]	11.08-	114780	14	140 A49	11.08-	115948	12	2.2
		11.08-	115631	14	150				
		11.08-	116354*	14	140				
	[CCWB]	11.08-	114780	14	140 A49	11.08-	115948	12	2.2
		11.08-	115631	14	150				
	11.08-	116354*	14	140					
Q5 3.0 TDI Quattro	[CDUD]					06.12-	115948	12	2.2
	[CTBA]					11.13-	115948	12	2.2
	[CTBC]					A25 06.12-	115735	12	2.0
						06.12-	115948	12	2.2
Q5 3.2 FSI	[CALB]	11.08-	115913	14	150				
Q7 3.0 TFSI	[CJTC]					05.10-	115559	12	1.4
						05.10-	116054	12	1.4 A49



	[CJWC]					05.10-	115559	12	1.4
						05.10-	116054	12	1.4 A49
	[CJWE]					05.11-	115559	12	1.4
						05.11-	116054	12	1.4 A49
	[CNAA]					05.10-	115559	12	1.4
						05.10-	116054	12	1.4 A49
	[CTWB]					05.11-	115559	12	1.4
						05.11-	116054	12	1.4 A49
Q7 3.0 TDI	[BUG]	03.06- 05.08	114408	14	180	03.06- 05.08	115375	12	2.0
		03.06- 05.08	115910	14	180	03.06- 05.08	115502	12	2.2 A49
						03.06-	114690	12	2.0
	[BUN]	03.06- 11.07	114408	14	180	03.06- 11.07	115375	12	2.0
		03.06- 11.07	115910	14	180	03.06- 11.07	115502	12	2.2 A49
						03.06- 11.07	114690	12	2.0
						03.06- 11.07	114775	12	2.2
	[CASA]	11.07-	114408	14	180	11.07-	115502	12	2.2 A49
		11.07-	115910	14	180	11.07-	116000	12	2.0
						11.07-	114775	12	2.2
	[CASB]	11.07-	114408	14	180	11.07-	114775	12	2.2
		11.07-	115910	14	180	11.07-	115502	12	2.2 A49
	[CATA]					06.09- 05.12	114775	12	2.2
						06.09- 05.12	115502	12	2.2 A49
	[CCMA]	06.09-	115910	14	180	06.09-	116000	12	2.0
						06.09-	114775	12	2.2
						06.09-	115502	12	2.2 A49
	[CJGA]	06.09-	115910	14	180	06.09-	116000	12	2.0
	[CJGC]	05.10-	115910	14	180	05.10-	116000	12	2.0
	[CJGD]	05.11-	115910	14	180	05.11-	116000	12	2.0
						05.11-	114775	12	2.2
						05.11-	115502	12	2.2 A49
	[CJMA]	05.10-	115910	14	180	05.10-	116000	12	2.0
						05.10-	114775	12	2.2
						05.10-	115502	12	2.2 A49
	[CLZB]	05.11-	115910	14	180	05.11-	116000	12	2.0
	[CNRB]	06.09-	115910	14	180	06.09-	116000	12	2.0
	[CRCA]	05.11-	115910	14	180	A25 05.11-	116000	12	2.0
						05.11-	114775	12	2.2
						05.11-	115502	12	2.2 A49
Q7 3.6 FSi	[BHK]	08.06- 05.10	116186	14	180	08.06- 05.10	116039	12	1.7
Q7 4.1 TDI	[CCFA]					05.09-	114776	12	2.3
	[CCFC]					05.09-	114776	12	2.3
Q7 4.2 FSi	[BAR]					03.06-	115996	12	1.4
RS 2.5 Quattro	[CZGA]					05.13-	115561	12	1.7
RS3 2.5 Quattro Sportback	[CZGB]					03.15-	115561	12	1.7
RS6 5.0 Quattro	[BUH]					05.08- 08.10	115996	12	1.4
S3 1.8 Quattro	[AMK]	09.00- 04.02	111989	14	90	09.00- 04.02	112429	12	2.0
		09.00- 04.02	112075	14	70				
		09.00- 04.02	115482	14	90 A49				
		09.00- 04.02	115483	14	120 A49				
		03.99- 04.02	112002	14	120 A47				
	[APY]	08.98- 08.00	111989	14	90	08.98- 08.00	112429	12	2.0
		08.98- 08.00	112075	14	70				
		08.98- 08.00	115482	14	90 A49				
		08.98- 08.00	115483	14	120 A49				
		03.99- 04.02	112002	14	120 A47				
	[AUL]	09.00- 04.02	115482	14	90 A49	03.99- 04.02	112429	12	2.0
		09.00- 04.02	115483	14	120 A49				
		03.99- 04.02	111989	14	90				
		03.99- 04.02	112002	14	120				
	[BAM]	08.01- 06.03	115482	14	90 A49	08.01- 06.03	112429	12	2.0
		08.01- 06.03	115483	14	120 A49				
		10.01-	111989	14	90				
		10.01-	112002	14	120 A47				
S3 2.0 Quattro	[BHZ]	06.08-	113992	14	140	06.08- 03.13	115333	12	1.0
						06.08- 03.13	113773	12	1.1
	[CDLA]	06.08- 03.13	113992	14	140	06.08- 03.13	115333	12	1.0
						06.08- 03.13	113773	12	1.1
	[CJXB]					10.13-	115560	12	1.7
						10.13-	115561	12	1.7
						10.13-	115900	12	1.1
	[CJXC]					10.13-	115560	12	1.7
						10.13-	115561	12	1.7
						10.13-	115900	12	1.1
S3 2.0 TFSi Quattro	[BHZ]	11.06-	113992	14	140	11.06-	113773	12	1.1
	[CDLA]	11.06- 08.12	113992	14	140	11.06- 08.12	113773	12	1.1
S4 2.2 Turbo Quattro	[AAN]					08.91- 07.94	111010	12	1.4
S5 4.2 Quattro	[CAUA]					06.07-	115559	12	1.4
						06.07-	116054	12	1.4 A49
S6 2.2 Turbo Quattro	[AAN]	06.94-	112806	14	120	06.94-	111010	12	1.4
SO5 3.0 TDI Quattro	[DEHA]					11.15-	115735	12	2.0
TT 1.8 TFSi	[CDAA]					06.08-	114163	12	1.1
TT 1.8 Turbo	[AJO]	07.98-	111989	14	90	07.98-	111909	12	1.1
		10.98-	112002	14	120 A47	AT 07.98-	112005	12	1.1
		10.98- 08.00	115482	14	90 A49	10.98-	115504	12	1.1 A49
		10.98- 08.00	115483	14	120 A49				
	[APP]	10.98-	111989	14	90	07.98-	111909	12	1.1
		10.98-	112002	14	120	07.98-	112005	12	1.1
		11.98- 09.00	115483	14	120 A49	10.98-	115504	12	1.1 A49
		10.99- 09.00	115482	14	90 A49				
	[ATC]	10.98-	111989	14	90	07.98-	111909	12	1.1
		10.98-	112002	14	120	10.98-	115504	12	1.1 A49
		10.98- 08.00	115482	14	90 A49	07.98-	112005	12	1.1
		10.98- 08.00	115483	14	120 A49				
	[AUM]	01.01-	111989	14	90	01.01-	112005	12	1.1
		01.01-	115482	14	90 A49				
		01.01-	115483	14	120 A49				
		09.02-	112002	14	120 A47				



Application list

AUDI Continued

	[AUQ]	10.98-	111989	14 90	07.98-	111909	12 1.1
		10.98-	112002	14 120	10.98-	115504	12 1.1
		10.98- 06.06	115482	14 90 A49	07.98-	112005	12 1.1
		10.98- 06.06	115483	14 120 A49			
	[AWP]	10.98-	111989	14 90	07.98-	111909	12 1.1
		10.98-	112002	14 120	10.98-	115504	12 1.1
		10.98- 06.06	115482	14 90 A49	07.98-	112005	12 1.1
		10.98- 06.06	115483	14 120 A49			
	[BVP]	09.05-	111989	14 90	09.05-	112005	12 1.1
		09.05-	112002	14 120 A47	AT 09.05-	114174	12 1.1
		09.05-	115482	14 90 A49	09.05-	113842	12 1.7
		09.05-	115483	14 120 A49	09.05-	115508	12 1.7 A49
	[BVR]	09.05-	111989	14 90	09.05-	113842	12 1.7
		09.05-	112002	14 120 A47	09.05-	115508	12 1.7 A49
		09.05-	115482	14 90 A49			
		09.05-	115483	14 120 A49			
TT 1.8 Turbo Quattro	[AJQ]	07.98-	111989	14 90	02.00-	112005	12 1.1
		10.98-	112002	14 120 A47	02.00-	114174	12 1.1
		10.98-	115482	14 90 A49	02.00-	113509	12 1.7
		10.98-	115483	14 120 A49	07.98-	112429	12 2.0
	[AMU]	10.98-	111989	14 90	10.98-	112429	12 2.0
		10.98-	112002	14 120	10.98-	114174	12 1.1
		10.98-	115482	14 90 A49			
		10.98-	115483	14 120 A49			
	[APX]	07.98-	112002	14 120	07.98- 05.01	112429	12 2.0
		10.98-	111989	14 90	10.98-	114174	12 1.1
		10.98-	115482	14 90 A49			
		10.98-	115483	14 120 A49			
		AC 10.98-	112002	14 120 ▲			
	[ARY]	10.98-	111989	14 90	02.00- 05.01	112005	12 1.1
		10.98-	112002	14 120	07.98-	113509	12 1.7
		10.98-	115482	14 90 A49	10.98-	114174	12 1.1
	10.98-	115483	14 120 A49	07.98- 05.01	112429	12 2.0	
[AUM]	10.99-	111989	14 90	10.99-	112429	12 2.0	
	10.99-	112002	14 120				
	10.99-	115482	14 90 A49				
	10.99-	115483	14 120 A49				
[AUQ]	07.98- 08.00	115482	14 90 A49	02.00-	114174	12 1.1	
	07.98- 08.00	115483	14 120 A49	10.98-	112005	12 1.1	
	10.98-	111989	14 90	02.00-	113509	12 1.7	
	10.98-	112002	14 120				
[AWP]	10.98-	111989	14 90	02.00-	112005	12 1.1	
	10.98-	112002	14 120	02.00-	113509	12 1.7	
	10.98-	115482	14 90 A49	02.00-	114174	12 1.1	
	10.98-	115483	14 120 A49	10.98-	112429	12 2.0	
[BAM]	10.98-	111989	14 90	07.98- 05.01	112429	12 2.0	
	10.98-	112002	14 120	10.98-	114174	12 1.1	
	10.99-	115482	14 90 A49				
	10.99-	115483	14 120 A49				
[BFV]	03.05-	111989	14 90	03.05-	112005	12 1.1	
	03.05-	112002	14 120 A47				
	03.05-	115482	14 90 A49				
	03.05-	115483	14 120 A49				
[BVR]	09.05-	111989	14 90	09.05-	113842	12 1.7	
	09.05-	112002	14 120 A47	09.05-	115508	12 1.7 A49	
	09.05-	115482	14 90 A49				
	09.05-	115483	14 120 A49				
TT 1.8 Turbo Roadster	[AUM]	01.01-	111989	14 90	01.01-	112005	12 1.1
		01.01-	112002	14 120 A47			
		01.01-	115482	14 90 A49			
		01.01-	115483	14 120 A49			
TT 2.0 TFSI	[BWA]	08.06- 06.10	113992	14 140	AT 08.06- 06.10	115333	12 1.0
					10.06- 06.10	113773	12 1.1
	[CESA]	05.10-	115547	14 140	05.10-	115900	12 1.1
					05.10-	113773	12 1.1
	[CHHC]			09.14-	115900	12 1.1	
TT 2.0 TFSI Quattro	[BWA]	06.08- 06.10	114722	14 140	06.08- 06.10	113773	12 1.1
	[CDLB]	05.08-	113992	14 140	05.08-	113773	12 1.1
		05.08-	115433	14 140	AT 05.08-	115333	12 1.0
	[CESA]	05.10-	115547	14 140	05.10-	115900	12 1.1
					05.10-	113773	12 1.1
	[CETA]	05.10-	115547	14 140	05.10-	115900	12 1.1
				05.10-	113773	12 1.1	
	[CHHC]			09.14-	115900	12 1.1	
TT 2.0 TTS Quattro	[CJXF]			02.15-	115900	12 1.1	
	[CJXG]			11.14-	115900	12 1.1	
TT 2.0 TDi Quattro	[CBBB]	06.08-	113992	14 140	06.08-	113841	12 1.7
		06.08-	115433	14 140	06.08-	115638	12 1.7
	[CFGB]	06.08-	113992	14 140	06.08-	113841	12 1.7
		06.08-	115433	14 140	06.08-	115638	12 1.7
	[CUNA]	01.17-	115826	14 140 A49	01.17-	115539	12 2.0
	01.17-	116359*	14 140	01.17-	116156	12 2.0	
TT 2.5 Quattro	[DAZA]			10.16-	115561	12 1.7	
TT 2.5 TFSI Quattro	[CEPA]	07.09-	113992	14 140	07.09-	115638	12 1.7
	[CEPB]			05.11-	115638	12 1.7	
TT 3.2 V6 Quattro	[BUB]	08.06- 06.10	113992	14 140	08.06- 06.10	113841	12 1.7
TT 3.2 VR6 Quattro	[BHE]	07.03-	111989	14 90	07.03-	112005	12 1.1
		07.03-	112002	14 120 A47	07.03- 06.06	114174	12 1.1
		07.03- 06.06	115482	14 90 A49			
		07.03- 06.06	115483	14 120 A49			
	[BPF]	07.03- 05.05	115482	14 90 A49	06.04- 05.05	114174	12 1.1
		07.03- 05.05	115483	14 120 A49			
	06.04- 05.05	111989	14 90				
	06.04- 05.05	112002	14 120 A47				
TT Roadster 2.0 TFSI	[CHHC]			11.14-	115900	12 1.1	
TT Roadster 2.0 TFSI Quattro	[CHHC]			11.14-	115900	12 1.1	
TT Roadster 2.0 TTS Quattro	[CJXF]			02.15-	115900	12 1.1	



	[CJXG]					11.14-	115900	12 1.1
Tt Roadster 2.0 TDI Quattro	[CUNA]	01.17-	115826	14 140 A49		01.17-	115539	12 2.0
		01.17-	116359*	14 140		01.17-	116156	12 2.0
Tt Roadster 2.5 Quattro	[DAZA]					10.16-	115561	12 1.7
TT Roadster 2.5 TFSI Quattro	[CEPB]					03.12-	115638	12 1.7
Various Models						06.91- 07.94	112537	12 2.2
						06.94-	112321	12 1.1
						11.94-	112309	12 1.4
						08.91-	111010	12 1.4
						AT 08.88- 08.91	110865	12 0.95
Austin								
PASSENGER CARS EU								
1100 MK 1.1		01.73- 12.74	110759	14 35		01.70- 12.74	111102	12 0.8
		01.72- 12.74	110178	14 36				
1300 MK 1.3		01.73- 12.74	110759	14 35		01.70- 12.74	111102	12 0.8
		01.72- 12.74	110178	14 36				
1300 MK 1.3 GT		01.73- 12.74	110759	14 35		01.70- 12.74	111102	12 0.8
		01.72- 12.74	110178	14 36				
Allegro 1.0	[99H]	01.80- 10.83	111185	14 43 A47		01.80- 10.83	111102	12 0.8
Allegro 1.1	[10H]	05.73- 10.81	110178	14 36		05.73- 10.81	111102	12 0.8
		05.73- 04.77	110759	14 35				
		05.73- 10.81	111185	14 43 A47				
Allegro 1.3	[12H]	05.73- 10.83	110178	14 36		05.73- 10.83	111102	12 0.8
		05.73- 04.77	110759	14 35				
		05.73- 10.83	111185	14 43 A47				
	[12L]	01.75- 10.79	110178	14 36		01.75- 10.79	111102	12 0.8
		01.75- 10.79	113378	14 45				
Allegro 1.5	[14H]	05.73-	110178	14 36		05.73- 03.82	111102	12 0.8
		05.73- 03.82	111185	14 43 A47				
		08.75-	113378	14 45				
Allegro 1.7	[17LA]	01.75- 10.79	110178	14 36				
		08.79-	111185	14 43 A47				
		08.79-	110178	14 36				
Ambassador 1.7	[17HL]	03.82- 02.84	111289	14 70				
Ambassador 2.0	[20H]	03.82- 10.84	111289	14 70				
Maestro 1.3	[12H]	03.83- 09.92	110770	14 55				
		03.83-	113474	14 65				
	[12H999AA]	03.83- 08.85	111289	14 70				
Maestro 1.6	[16H956AK]	03.83- 10.84	111086	14 65				
		03.83- 10.84	113474	14 65				
	[16HA03AL]	03.83- 08.85	111086	14 65				
		03.83-	113474	14 65				
	[16HC37]	03.83- 08.90	111086	14 65				
		03.83-	113474	14 65				
Maestro 1.6 MG	[16HA35AL]	03.83- 08.90	111086	14 65				
		03.83-	113474	14 65				
Maestro 2.0	[20HA50AA]	10.84- 08.90	110770	14 55		10.84- 08.90	111131	12 0.8
	[20HC51AA]	10.84- 08.90	110770	14 55		10.84- 08.90	111131	12 0.8
	[20HC81]	10.84- 08.90	110770	14 55		10.84- 08.90	111131	12 0.8
Maxi 1.5 1500	[14H]	04.69- 07.80	110178	14 36		04.69- 07.80	111102	12 0.8
Maxi 1.7 1750	[17H]	10.80- 12.82	110178	14 36				
		10.80- 12.82	113378	14 45				
Maxi 1.7 1750 HLS	[17H]	10.80- 12.82	113378	14 45				
Maxi 1.8 1750	[17H]	04.69- 10.80	110178	14 36		04.69- 10.80	111102	12 0.8
		10.72- 10.80	110178	14 36		10.72- 10.80	111102	12 0.8
Metro 1.0	[99H]	10.80- 04.90	111185	14 43 A47				
		10.80- 04.90	111289	14 70				
	[99HA65P]	10.80- 04.90	111185	14 43 A47		10.80- 12.86	111102	12 0.8
		10.80- 04.90	111289	14 70				
Metro 1.3	[12H]	10.80- 04.90	111185	14 43 A47		10.80-	111102	12 0.8
		01.85- 04.90	111289	14 70				
	[12H996AA]	10.80- 12.85	111185	14 43 A47		10.80-	111102	12 0.8
		01.85- 12.85	111289	14 70				
	[12HA83AA]	10.80- 04.90	111185	14 43 A47		10.80-	111102	12 0.8
		01.85- 04.90	111289	14 70				
	[12HC21AA]	11.85- 04.90	111289	14 70		11.85- 12.86	111102	12 0.8
	[12HL]	10.80- 12.83	111185	14 43 A47				
Metro 1.3 Turbo	[12HA85AA]	10.83- 04.90	111362	14 55		10.83-	111102	12 0.8
Mini 0.85 850	[BMC Serie A]	01.67- 08.79	110178	14 36		01.67- 08.79	111102	12 0.8
Mini 1.0 1000	[99H]	10.67- 08.88	110178	14 36		10.67- 09.84	111102	12 0.8
		10.67- 09.84	111185	14 43 A47				
	[A]	10.67-	110178	14 36		10.67- 09.84	111102	12 0.8
		10.67- 09.84	111185	14 43 A47				
Mini 1.0 1000 Mayfair Sport	[99H997P]	08.82- 06.93	111289	14 70		08.82- 10.85	111102	12 0.8
	[99HA53P]	08.82-	111185	14 43 A47		08.82- 10.85	111102	12 0.8
		08.82- 06.93	111289	14 70				
	[99HC20P]	08.82- 06.93	111289	14 70		08.82- 10.85	111102	12 0.8
	[99HD81]	09.88- 06.93	111289	14 70				
Mini 1.1 1100 Special	[10H]	01.76- 08.81	110178	14 36		01.76- 08.81	111102	12 0.8
Mini 1.3 1300	[12A2L]	01.92-	112203	14 65				
Mini 11.3 GT 1275		10.69- 08.80	110178	14 36		10.69- 08.80	111102	12 0.8
Montego 1.3	[12HL]	10.84- 08.88	111362	14 55				
Montego 1.6	[16HC37]	04.84- 08.88	111086	14 65				
		AC 04.84- 08.88	112238	14 65				
Montego 2.0	[20H]	04.84- 08.91	110770	14 55				
		04.84- 08.88	110968	14 70				
	[20HSC]	04.84- 08.91	110770	14 55				
		04.84- 08.88	110968	14 70				
		AC 04.84- 08.88	111355	14 65				
Montego 2.0 i Turbo	[20HC85]	04.84- 08.88	110770	14 55				
		04.84- 08.88	110968	14 70				
		AC 04.84- 08.88	111355	14 65				
Montego 2.0 i	[20H]	04.84- 08.88	110770	14 55				
		04.84- 08.88	110968	14 70				
		AC 04.84- 08.88	111355	14 65				
Princess 1.7 1700	[17HL]	10.78- 10.82	111185	14 43 A47				
Princess 1.8 1800	[18H]	04.76- 09.78	111185	14 43 A47				

STARTERS & ALTERNATORS



AUSTIN *Continued*

Princess 2.0 2000	[20H]	10.78- 10.82	111185	14 43	A47			
Princess 2.2 2200	[22H]	04.76- 10.82	111185	14 43	A47			
Austin-Healey								
PASSENGER CARS EU								
Sprite MK 1.1	[10CG-D-A]	03.64- 09.66	110497	14 70				
Sprite MK 1.3	[10CG-D-A]	03.66- 10.71	110497	14 70				
Autobianchi								
PASSENGER CARS EU								
A 112 0.9	[A112A5.000]					01.76- 12.78	110365	12 0.8
A 112 0.9 Junior	[A112A5.000]	07.75- 12.85	111078	14 45		07.75- 12.85	110365	12 0.8
	[A112B2.000]	07.75- 12.85	111078	14 45		07.75- 12.85	110365	12 0.8
A 112 0.9 E	[A112A5.000]					01.73- 12.77	110365	12 0.8
A 112 1.0 Abarth	[A112A1.000]					09.71- 12.75	110365	12 0.8
	[A112A2.000]	01.74- 12.84	111078	14 45		01.74- 12.84	110365	12 0.8
A 112 1.0 E Elite,LX	[A112B1.000]	11.77- 12.84	111078	14 45		11.77- 12.84	110365	12 0.8
Y10 1.0	[156A.000]	03.85-	111035	14 65		03.85-	111025	12 0.8
	[156A2.000]					03.85-	111025	12 0.8
	[156A2.246]	10.87-	111036	14 45		10.87-	111025	12 0.8
Y10 1.0 4WD	[156A3.000]	12.86-	111036	14 45		12.86-	111025	12 0.8
Y10 1.0 Turbo	[156A1.000]					03.85-	111025	12 0.8
Y10 1.1	[156C.000]					06.89-	111025	12 0.8
Y10 1.1 4WD	[156C.000]					06.89-	111025	12 0.8
Y10 1.1 i.e.	[156C.046]					09.90-	111025	12 0.8
Y10 1.3 i.e. GT	[146A5.046]	06.89-	111148	14 65		01.89- 09.92	111025	12 0.8
	[156B.000]	06.89-	111148	14 65				
Avia								
INDUSTRI								
Various Models						01.77- 01.79	111573	12 2.8
							111269	12 1.4 GR
Balkancar								
INDUSTRI								
Various Models						01.81-	110545	12 3.0
							114254	12 2.7 GR
						01.68- 01.74	110443	12 2.1
							116134	12 3.0 A49
						01.69-	110442	12 2.1
Barber Greene								
INDUSTRI								
Various Models							113269	12 3.0 GR
Baudouin								
MARINE								
Various Models			110052	28 40				
BCS								
AGRICULTURE								
270						12.86-	112171	12 1.1
303						06.78-	112034	12 1.7
						12.86-	112171	12 1.1
603						06.90-	112171	12 1.1
622						01.68-	112034	12 1.7
701						03.86-	112171	12 1.1
735						04.88-	112171	12 1.1
737						07.89-	112171	12 1.1
745						01.84-	112171	12 1.1 GR
						01.84-	112034	12 1.7 DD
Bedford								
PASSENGER CARS EU								
Astramax 1.3	[13NB]	01.84- 12.88	113376	14 55				
Blitz 2.3 Diesel	[23D]	01.80- 12.83	113376	14 55		09.84- 10.87	110844	12 2.2
Rascal 1.0	[FA10A]	07.86- 06.90	110385	14 40		07.86- 06.90	110402	12 0.6
						07.86- 06.90	111385	12 0.6
TL 3.6	[220]					01.80- 11.86	110459	12 2.8
TL 5.4	[330]					01.80- 11.86	110459	12 2.8
						01.80- 11.86	111737	12 2.8
Various Models		01.76- 12.89	113376	14 55		01.75-	110459	12 2.8
TRUCKS EU								
Various Models		01.72-	110179	14 36		01.75-	110459	12 2.8
		01.72- 12.86	113376	14 55		09.84-	110844	12 2.2
		01.70-	110178	14 36				
Belarus								
AGRICULTURE								
MTZ 100	[D240T]						112488	12 2.7
MTZ 1221 7.2	[D-260.2]						113356	24 3.5
MTZ 142	[D181T]						112488	12 2.7
MTZ 145	[D260T]						112488	12 2.7
MTZ 1522 7.2	[D-260.6]						113356	24 3.5
MTZ 80	[D240]						112488	12 2.7
MTZ 890	[D-245.5]						113356	24 3.5
Various Models							112488	12 2.7
Benford								
AGRICULTURE								
Various Models							113269	12 3.0
BENFRA								
INDUSTRI								
Various Models	[8031...]					01.79- 06.85	110517	24 3.2
						07.85-	110521	24 4.0
						01.79- 06.85	110529	12 3.0
						07.87- 06.90	110813	12 2.7
	[8041...]	01.89- 01.91	111419	28 55		01.89-	110529	12 3.0
						04.81- 02.82	110517	24 3.2
						01.80-	110521	24 4.0
	[8051...]					07.81-	110521	24 4.0
	[8061...]	05.89-	111419	28 55		10.85- 04.91	110529	12 3.0
						10.82-	110521	24 4.0
	[8131...]					01.80- 01.88	110814	12 2.7
	[8361...]	05.89-	111419	28 55		01.82-	110518	24 4.0



Bentley										
PASSENGER CARS EU										
Continental 4.0 AWD	[CMMD]						12.13-	115559	12 1.4	
	[CYCA]						12.13-	116054	12 1.4 A49	
Continental Cabriolet 4.0 AWD	[CMMC]						04.12-	115559	12 1.4	
	[CYCB]						04.12-	116054	12 1.4 A49	
Continental Coupe 4.0 AWD	[CMMC]						04.12-	115559	12 1.4	
	[CYCB]						09.11-	116054	12 1.4 A49	
							09.11-	115559	12 1.4	
							09.11-	116054	12 1.4	
Bertolini										
INDUSTRI										
Various Models							01.67-	112171	12 1.1	
							09.87-	111911	12 1.4	
							04.86- 07.87	112173	12 2.7	
BMW										
PASSENGER CARS EU										
114 1.6 i	(F21)[N13B16A]						12.11-	115962	12 1.7	
114 1.6 Diesel	(F20, F21)[N47D16A]						10.12-	115335	12 2.2	
	(F21)[N47D16A]						10.12-	116059	12 2.2 A49	
							07.12-	115335	12 2.2	
							07.12-	116059	12 2.2 A49	
116 1.6 i	(1E81)[N43B16A]	08.07- 09.12	115931*	14	170		08.07-	114740	12 1.2	
	(1E87)[N43B16A]	08.07- 09.12	115931*	14	170		08.07-	114740	12 1.2	
	(E81)[N45B16A]	09.07-	113871	14	150 A49					
	(E81, E87)[N43B16A]	03.07- 09.12	115931*	14	170	AT	03.07- 09.12	114740	12 1.2	
	(E87)[N43B16A]	11.03- 09.12	113871	14	150 A49		11.03- 09.12	114740	12 1.2	
		11.03- 09.12	115867	14	150		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	115931*	14	170					
		03.07- 09.12	114781	14	110		11.03- 09.12	115398	12 1.7	
	[N45B16A]	11.03- 09.12	113871	14	150 A49		11.03- 09.12	114740	12 1.2	
		11.03- 09.12	115867	14	150		11.03- 09.12	114297	12 1.2	
		11.03- 09.12	115931*	14	170					
		03.07- 09.12	114781	14	110		11.03- 09.12	115398	12 1.7	
	(F20)[N13B16A]						06.11-	115962	12 1.7	
	(F21)[N13B16A]						12.11-	115962	12 1.7	
116 1.6 Diesel	(F20)[N47D16A]						09.11-	115335	12 2.2	
	(F21)[N47D16A]						11.12-	116059	12 2.2 A49	
							12.11-	115335	12 2.2	
							12.11-	116059	12 2.2 A49	
116 2.0 i	(E81, E87)[N43B20A]	11.08- 09.12	115931*	14	170	A25	11.08- 09.12	115398	12 1.7	
	(E87)[N43B20A]	11.08- 09.12	115931*	14	170		11.08- 09.12	114740	12 1.2	
	(E87)[N43B20A]	11.03- 09.12	115931*	14	170		11.03- 09.12	115398	12 1.7	
							11.03- 09.12	114740	12 1.2	
116 2.0 Diesel	(1E81)[N47D20A]	01.11- 12.11	114292	14	180		01.11- 12.11	116059	12 2.2 A49	
							01.11- 12.11	114689	12 2.0	
							01.11- 12.11	115335	12 2.2	
	[N47D20C]	01.11- 12.11	114292	14	180	A25	01.11- 12.11	116059	12 2.2 A49	
							A25	01.11- 12.11	115335	12 2.2
							01.11- 12.11	114689	12 2.0	
	(E81, E87)[N47D20A]	11.08- 09.12	114292	14	180	A25	11.08- 09.12	116059	12 2.2 A49	
							A25	11.08- 09.12	115335	12 2.2
							09.04-	114689	12 2.0	
	[N47D20C]	11.08- 09.12	114292	14	180	A25	11.08- 09.12	116059	12 2.2 A49	
							A25	11.08- 09.12	115335	12 2.2
							11.08- 09.12	114689	12 2.0	
(E87)[N47D20A]	12.08- 09.12	114292	14	180	A25	12.08- 09.12	116059	12 2.2 A49		
						A25	12.08- 09.12	115335	12 2.2	
						12.08- 09.12	114689	12 2.0		
[N47D20C]	01.11- 12.11	114292	14	180	A25	01.11- 12.11	115335	12 2.2		
						A25	01.11- 12.11	116059	12 2.2 A49	
							01.11- 12.11	114689	12 2.0	
(F20)[N47D20C]							06.11-	115335	12 2.2	
							06.11-	116059	12 2.2 A49	
(F21)[N47D20C]							01.12-	115335	12 2.2	
							01.12-	116059	12 2.2 A49	
118 1.6 i	(F20)[N13B16A]						06.11-	115962	12 1.7	
	(F21)[N13B16A]						07.12-	115962	12 1.7	
118 2.0 i	(E81)[N46B20B]	05.07-	113871	14	150 A49					
	(E87)[N43B20A]	07.04- 09.12	113871	14	150 A49		07.04- 09.12	115398	12 1.7	
		07.04- 09.12	115867	14	150		07.04- 09.12	114297	12 1.2	
		07.04- 09.12	115931*	14	170	AT	07.04- 09.12	114740	12 1.2	
	[N46B20B]	07.04- 09.12	113871	14	150 A49		07.04- 09.12	114297	12 1.2	
		07.04- 09.12	115867	14	150	AT	07.04- 09.12	114740	12 1.2	
		07.04- 09.12	115931*	14	170		07.04- 09.12	115398	12 1.7	
	[N46B20C]	09.06- 09.12	115931*	14	170		09.06- 09.12	115398	12 1.7	
							AT	09.06- 09.12	114740	12 1.2
	(E88)[N43B20A]	03.08-	115931*	14	170		03.08-	115398	12 1.7	
							AT	03.08-	114740	12 1.2
	[N46B20B]	09.08-	113871	14	150 A49					
	09.08-	115867	14	150		09.08-	114297	12 1.2		
118 2.0 Diesel	(1E81)[M47D20 (204D4)]	09.04- 09.12	114720	14	150		09.04-	114091	12 1.8	
	[N47D20A]	09.04- 09.12	114720	14	150		09.04- 09.12	114091	12 1.8	
	[N47D20C]	09.04- 09.12	114720	14	150		09.04- 09.12	114091	12 1.8	
	(E81, E87)[N47D20A]	09.06- 09.12	114292	14	180	A25	09.06- 09.12	116059	12 2.2 A49	
							A25	09.06- 09.12	115335	12 2.2
							03.07-	114689	12 2.0	
[N47D20C]	09.06- 09.12	114292	14	180	A25	09.06- 09.12	116059	12 2.2 A49		
						A25	09.06- 09.12	115335	12 2.2	
						09.06- 09.12	114689	12 2.0		



Application list

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	(E82)[N47D20C]	09.09-	114292	14	180	A25 09.09- A25 09.09- 09.09- 09.09-	116059 115335 114689 115335	12 2.2 12 2.2 12 2.0 12 2.2	A49
	(E87)[M47D20(204D4)]	11.03- 09.12 11.03- 09.12	114292 114720	14	180 150	11.03- 09.12 11.03- 09.12 A25 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12	114127 116160 115335 116059 114091 114689 115335 116059	12 1.6 12 1.6 12 2.2 12 2.2 12 1.8 12 2.0 12 2.2 12 2.2	A49 A49
	[N47D20A]	11.03- 09.12 11.03- 09.12	114292 114720	14	180 150	A25 11.03- 09.12 A25 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12	116059 115335 114091 114127 114689 116160	12 2.2 12 2.2 12 1.8 12 1.6 12 2.0 12 1.6	A49 A49
	[N47D20C]	11.03- 09.12 11.03- 09.12	114292 114720	14	180 150	A25 11.03- 09.12 A25 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12 11.03- 09.12	115335 116059 114091 114127 114689 116160	12 2.2 12 2.2 12 1.8 12 1.6 12 2.0 12 1.6	A49
	(E88)[N47D20A]	09.08-	114292	14	180	A25 09.08- A25 09.08- 09.08-	116059 115335 114689	12 2.2 12 2.2 12 2.0	A49
	[N47D20C]	09.08-	114292	14	180	A25 09.08- A25 09.08- 09.08-	116059 115335 114689	12 2.2 12 2.2 12 2.0	A49
	(F20)[N47D20C]					12.10- 12.10- 12.10-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
	(F21)[N47D20C]					12.11- 12.11-	115335 116059	12 2.2 12 2.2	A49
	118 2.0 Diesel xDrive	(F20)[N47D20C]				07.13- 07.13-	115335 116059	12 2.2 12 2.2	A49
		(F21)[N47D20C]				05.13- 05.13- 05.13-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
120 1.6 i	(F20)[N13B16A] (F21)[N13B16A]				03.15- 03.15-	115962 115962	12 1.7 12 1.7		
120 2.0 i	(E81)[N46B20B] (E81, E87)[N43B20A]	02.07- 09.06- 09.12	113871 115931*	14	150 A49 170	09.06- 09.12 09.06- 09.12	115398 114740	12 1.7 12 1.2	
	[N46B20B]	09.06- 09.12 09.06- 09.12 09.06- 09.12 09.06- 09.12	113871 114781 115867 115931*	14	150 A49 110 150 170	09.06- 09.12 09.06- 09.12 09.06- 09.12 09.06- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	[N46B20C]	09.06- 09.12 09.06- 09.12 09.06- 09.12	113871 115867 115931*	14	150 A49 150 170	09.06- 09.12 09.06- 09.12 03.07-	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	(E82)[N43B20A]	09.09-	115931*	14	170	A25 09.09- 09.09-	115398 114740	12 1.7 12 1.2	
	[N46B20B]	09.09- 09.09- 09.09-	113871 114781 115867	14	150 A49 110 150	09.09-	114297	12 1.2	
	(E87)[N43B20]					09.06- 09.12 09.06- 09.12	114740 115398	12 1.2 12 1.7	
	[N43B20A]	11.03- 09.12 11.03- 09.12 11.03- 09.12	113871 115867 115931*	14	150 A49 150 170	AT 11.03- 09.12 11.03- 09.12 11.03- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	[N46B20A]	11.03- 09.12 11.03- 09.12	113871 115867	14	150 A49 150	11.03- 09.12 A25 09.06- 09.12 09.06- 09.12	114297 115398 114740	12 1.2 12 1.7 12 1.2	
	[N46B20B]	11.03- 09.12 11.03- 09.12 11.03- 09.12	113871 115867 115931*	14	150 A49 150 170	11.03- 09.12 11.03- 09.12 11.03- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	[N46B20BD]	11.03- 09.12 11.03- 09.12 11.03- 09.12	113871 115867 115931*	14	150 A49 150 170	11.03- 09.12 11.03- 09.12 11.03- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	[N46B20C]	11.03- 09.12 11.03- 09.12 11.03- 09.12	113871 115867 115931*	14	150 A49 150 170	11.03- 09.12 11.03- 09.12 11.03- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	[N46B20CC]	11.03- 09.12 11.03- 09.12 11.03- 09.12	113871 115867 115931*	14	150 A49 150 170	11.03- 09.12 11.03- 09.12 11.03- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	[N46B20CD]	11.03- 09.12 11.03- 09.12 11.03- 09.12	113871 115867 115931*	14	150 A49 150 170	11.03- 09.12 11.03- 09.12 11.03- 09.12	114740 115398 114297	12 1.2 12 1.7 12 1.2	
	(E88)[N43B20A]	03.08-	115931*	14	170	03.08- AT 03.08-	115398 114740	12 1.7 12 1.2	
	[N46B20B]	03.08- 03.08- 03.08-	113871 115867 113871	14	150 A49 150 150 A49	03.08- 03.08-	114297	12 1.2	
	[N46B20C]	03.08- 03.08-	113871 115867	14	150 A49 150	03.08-	114297	12 1.2	
120 2.0 Diesel	(1E81)[M47D20 (204D4)]	09.06- 09.12	114720	14	150	09.06- 09.12	114091	12 1.8	
	[N47D20A]	09.04-	114720	14	150	09.04-	114091	12 1.8	
	[N47D20C]	09.06- 09.12	114720	14	150	09.04-	114091	12 1.8	
	(E82)[N47D20A]	10.06- 10.13	114292	14	180	A25 10.06- 10.13 A25 10.07- 10.06- 10.13 10.06- 10.13	116059 115335 114689 115335	12 2.2 12 2.2 12 2.0 12 2.2	A49
	[N47D20C]	10.06- 10.13	114292	14	180	A25 10.06- 10.13 A25 10.07- 10.06- 10.13 10.06- 10.13	116059 115335 114689 115335	12 2.2 12 2.2 12 2.0 12 2.2	A49



	(E87)[M47D20(204D4)]	11.03- 09.12	114292	14	180	A25 11.03- 09.12	116059	12 2.2	A49	
						A25 11.03- 09.12	115335	12 2.2		
						11.03- 09.12	114689	12 2.0		
						11.03- 09.12	115335	12 2.2		
	[N47D20A]	11.03- 09.12	114292	14	180	A25 11.03- 09.12	116059	12 2.2	A49	
						A25 11.03- 09.12	115335	12 2.2		
						11.03- 09.12	114689	12 2.0		
						11.03- 09.12	115335	12 2.2		
	[N47D20C]	11.03- 09.12	114292	14	180	A25 11.03- 09.12	116059	12 2.2	A49	
						A25 11.03- 09.12	115335	12 2.2		
						11.03- 09.12	114689	12 2.0		
						11.03- 09.12	115335	12 2.2		
	(E88)[N47D20A]	03.08-	114292	14	180	A25 03.08-	116059	12 2.2	A49	
						A25 03.08-	115335	12 2.2		
						03.08-	114689	12 2.0		
						03.08-	115335	12 2.2		
	[N47D20C]	03.08-	114292	14	180	A25 03.08-	116059	12 2.2	A49	
						A25 03.08-	115335	12 2.2		
						03.08-	114689	12 2.0		
						03.08-	115335	12 2.2		
	(F20)[N47D20C]					12.10-	115335	12 2.2		
						12.10-	116059	12 2.2	A49	
	(F21)[N47D20C]					01.12-	115335	12 2.2		
						01.12-	116059	12 2.2	A49	
120 2.0 Diesel xDrive	(F20)[N47D20C]					01.11-	115335	12 2.2		
						01.11-	116059	12 2.2	A49	
	(F20, F21)[N47D20C]					12.10-	115335	12 2.2		
						12.10-	116059	12 2.2	A49	
	(F21)[N47D20C]					01.12-	115335	12 2.2		
						01.12-	116059	12 2.2	A49	
	123 2.0 Diesel	(E81, E87)[N47D20B]	03.07- 09.12	114292	14	180	A25 03.07- 09.12	116059	12 2.2	A49
							A25 03.07- 09.12	115335	12 2.2	
						03.07- 09.12	114689	12 2.0		
						03.07- 09.12	116059	12 2.2	A49	
	[N47D20D]	03.07- 09.12	114292	14	180	A25 03.07- 09.12	116059	12 2.2	A49	
						A25 03.07- 09.12	115335	12 2.2		
						10.07-	114689	12 2.0		
						10.07-	115335	12 2.2		
	(E82)[N47D20B]					A25 10.07-	115335	12 2.2	A49	
						10.07-	116059	12 2.2		
						10.07-	114689	12 2.0		
						10.07-	115335	12 2.2		
	[N47D20D]	10.07-	114292	14	180	A25 10.07-	116059	12 2.2	A49	
						A25 10.07-	115335	12 2.2		
						10.07-	114689	12 2.0		
						10.07-	115335	12 2.2		
	(E87)[N47D20B]	03.07- 09.12	114292	14	180	A25 03.07- 09.12	116059	12 2.2	A49	
						A25 03.07- 09.12	115335	12 2.2		
						03.07- 09.12	114689	12 2.0		
						03.07- 09.12	116059	12 2.2	A49	
	[N47D20C]	03.07- 09.12	114292	14	180	03.07- 09.12	116059	12 2.2		
						03.07- 09.12	114689	12 2.0		
						03.07- 09.12	115335	12 2.2		
						03.07- 09.12	116059	12 2.2	A49	
	[N47D20D]	03.07- 09.12	114292	14	180	A25 03.07- 09.12	116059	12 2.2	A49	
						A25 03.07- 09.12	115335	12 2.2		
						03.07- 09.12	114689	12 2.0		
						03.07- 09.12	116059	12 2.2	A49	
	(E88)[N47D20B]	09.08-	114292	14	180	A25 09.08-	116059	12 2.2	A49	
						A25 09.08-	115335	12 2.2		
						09.08-	114689	12 2.0		
						09.08-	116059	12 2.2	A49	
	[N47D20D]	09.08-	114292	14	180	A25 09.08-	116059	12 2.2	A49	
						A25 09.08-	115335	12 2.2		
						09.08-	114689	12 2.0		
						09.08-	116059	12 2.2	A49	
125 2.0 i	(F20)[N20B20A]	08.11-	116220	14	170	08.11-	116259	12 2.1		
						08.11-	115562	12 1.7		
	(F21)[N20B20A]	12.11-	116220	14	170	12.11-	115562	12 1.7		
						12.11-	116259	12 2.1		
125 2.0 Diesel	(F20)[N47D20D]					08.11-	115335	12 2.2		
						08.11-	116059	12 2.2	A49	
	(F21)[N47D20D]					12.11-	115335	12 2.2		
						12.11-	116059	12 2.2	A49	
125 3.0 i	(E82)[N52B30A]	10.07-	114524	14	180 A53					
		10.07-	116120	14	180 BO					
		10.07-	116121	14	180 A52					
		10.07-	116295	14	180 VA	10.07-	114740	12 1.2		
						10.07-	115574	12 1.2		
	(E88)[N52B30A]	03.08-	114524	14	180 A53					
		03.08-	116120	14	180 BO					
		03.08-	116121	14	180 A52	03.08-	114740	12 1.2		
		03.08-	116295	14	180 VA	03.08-	115574	12 1.2		
	130 3.0 i	(E81, E87)[N52B30A]	09.06- 09.12	114524	14	180 A53				
			09.06- 09.12	116120	14	180 BO				
			09.06- 09.12	116121	14	180 A52				
		09.06- 09.12	116295	14	180 VA	09.06- 09.12	114740	12 1.2		
						09.06- 09.12	115574	12 1.2		
	[N52B30B]	09.06- 09.12	114524	14	180 A53					
		09.06- 09.12	116120	14	180 BO					
		09.06- 09.12	116121	14	180 A52	09.06- 09.12	114740	12 1.2		
		09.06- 09.12	116295	14	180 VA	09.06- 09.12	115574	12 1.2		
	[N52B30BF]	09.06- 09.12	114524	14	180 A53					
		09.06- 09.12	116120	14	180 BO					
		09.06- 09.12	116121	14	180 A52	09.06- 09.12	114740	12 1.2		
		09.06- 09.12	116295	14	180 VA	09.06- 09.12	115574	12 1.2		
	(E87)[N52B30A]	03.05- 09.12	114524	14	180 A53					
		03.05- 09.12	115904	14	155					
		03.05- 09.12	116120	14	180 BO					
		03.05- 09.12	116121	14	180 A52	03.05- 09.12	114740	12 1.2		
		03.05- 09.12	116295	14	180 VA	03.05- 09.12	115574	12 1.2		
	[N52B30AF]	03.05- 09.12	114524	14	180 A53					
		03.05- 09.12	115904	14	155					
		03.05- 09.12	116120	14	180 BO					
		03.05- 09.12	116121	14	180 A52	03.05- 09.12	114740	12 1.2		
		03.05- 09.12	116295	14	180 VA	03.05- 09.12	115574	12 1.2		
		03.05- 09.12	116295	14	180 VA	03.05- 09.12	115574	12 1.2		



Application list

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	[N52B30B]	03.05- 09.12	114524	14 180 A53				
		03.05- 09.12	115904	14 155				
		03.05- 09.12	116120	14 180 BO				
		03.05- 09.12	116121	14 180 A52		03.05- 09.12	114740	12 1.2
		03.05- 09.12	116295	14 180 VA		03.05- 09.12	115574	12 1.2
	[N52B30BF]	03.05- 09.12	114524	14 180 A53				
		03.05- 09.12	115904	14 155				
		03.05- 09.12	116120	14 180 BO				
		03.05- 09.12	116121	14 180 A52		03.05- 09.12	114740	12 1.2
		03.05- 09.12	116295	14 180 VA		03.05- 09.12	115574	12 1.2
135 3.0 xDrive	(F20, F21)[N55B30A]				AT	02.12-	116464*	12 1.5
135 3.0 i	(E82)[N54B30A]					10.07- 10.13	114740	12 1.2
						10.07- 10.13	115574	12 1.2
	[N55B30A]					10.07- 10.13	114740	12 1.2
						10.07- 10.13	115574	12 1.2
	(E88)[N54B30A]					03.08-	114740	12 1.2
						03.08-	115574	12 1.2
	[N55B30A]	03.08-	115804	14 180		03.08-	115574	12 1.2
						03.08-	114740	12 1.2
	(F20, F21)[N55B30A]				AT	11.11-	116464*	12 1.5
135 3.0 i M 135 i	(F21)[N55B30A]				AT	03.15-	116464*	12 1.5
						03.15-	115562	12 1.7
216 1.5 Active Tourer	(F45)[B38A15A]					11.15-	115999	12 1.4
						11.15-	116371*	12 1.5
216 1.5 Gran Tourer	(F46)[B38A15A]					07.15-	115999	12 1.4
						07.15-	116371*	12 1.5
218 1.5 i	(F45)[B38A15A]					09.14-	116371*	12 1.5
218 1.5 i Gran Tourer	(F46)[B38A15A]					03.15-	116371*	12 1.5
218 2.0 Diesel	(F22)[N47D20C]					01.14-	115335	12 2.2
						01.14-	116059	12 2.2 A49
	(F22, F87)[B47D20A]					07.15-	116273	12 1.8
	(F23)[B47D20A]					07.15-	116273	12 1.8
218 2.0 Diesel Active Tourer	(F45)[B47C20A]					09.14-	116371*	12 1.5
218 2.0 Diesel Gran Tourer	(F46)[B47C20A]					03.15-	116371*	12 1.5
220 2.0 i	(F23)[N20B20B]	11.14-	116220	14 170		11.14-	116259	12 2.1
						11.14-	115562	12 1.7
	[N20B20B]	10.13-	116220	14 170		10.13-	116259	12 2.1
						10.13-	115562	12 1.7
220 2.0 i Active Tourer	(F45)[B48A20A]					11.14-	115999	12 1.4
						11.14-	116371*	12 1.5
220 2.0 i Gran Tourer	(F46)[B48A20A]					03.15-	115999	12 1.4
						03.15-	116371*	12 1.5
220 2.0 Diesel	(F22)[N47D20C]					10.13-	115335	12 2.2
						10.13-	115558	12 1.4
						10.13-	116059	12 2.2 A49
	(F22, F87)[B47D20A]					11.14-	115335	12 2.2
						11.14-	115558	12 1.4
						11.14-	116059	12 2.2 A49
						11.14-	116273	12 1.8
	(F23)[B47D20A]					11.14-	116273	12 1.8
220 2.0 Diesel Active Tourer	(F45)[B47C20A]					11.14-	116371*	12 1.5
220 2.0 Diesel Gran Tourer	(F46)[B47C20A]					07.15-	116371*	12 1.5
220 2.0 Diesel xDrive	(F22, F87)[B47D20A]					03.15-	116273	12 1.8
220 2.0 Diesel xDrive Active Tourer	(F45)[B47C20A]					11.14-	116371*	12 1.5
220 2.0 Diesel xDrive Gran Tourer	(F46)[B47C20A]					03.15-	116371*	12 1.5
225 2.0 i	(F45)[B48A20B]					09.14-	115999	12 1.4
						09.14-	116371*	12 1.5
225 2.0 i xDrive Active Tourer	(F45)[B48A20B]					11.14-	116371*	12 1.5
225 2.0 Diesel	(F22)[N47D20D]					01.14-	115335	12 2.2
						01.14-	116059	12 2.2 A49
228 2.0 i	(F22)[N20B20A]	07.14-	116220	14 170		07.14-	115562	12 1.7
		07.14-	116442*	14 210		07.14-	116259	12 2.1
	[N26B20A]	07.14-	116220	14 170		07.14-	115562	12 1.7
		07.14-	116442*	14 210		07.14-	116259	12 2.1
	(F23)[N20B20A]	11.14-	116220	14 170		11.14-	116259	12 2.1
						11.14-	115562	12 1.7
235 3.0 i	(F22)[N55B30A]					10.13-	116464*	12 1.5
316 1.6	(E21)[M10B16]	08.75- 08.80	110877	14 65				
		08.75- 03.77	112310	14 55				
316 1.6 Ci	(E46)[M43B16 (164E3)]	10.99-	112413	14 90		04.00-	111911	12 1.4
	[N45B16A]	06.02-	113871	14 150 A49		06.02-	113292	12 1.4 A49
		06.02-	115867	14 150		06.02-	116342*	12 1.4
316 1.6 i	(E30)[M40B16]					09.87- 06.91	111911	12 1.4
						09.87- 06.94	114118	12 1.4
	(E36)[M40B16]	07.93- 02.98	111946	14 80		09.90- 02.98	114118	12 1.4
						07.93- 02.98	111911	12 1.4
	[M43B16]	07.93- 12.98	111946	14 80		09.90- 08.00	114118	12 1.4
						07.93- 12.98	111911	12 1.4
	(E46)[M43B16]	04.00-	112413	14 90		04.00-	111911	12 1.4
	[M43B16 (164E3)]	04.00- 02.05	112413	14 90		04.00- 02.05	111911	12 1.4
	[N40B16A]	06.02- 02.05	113871	14 150 A49		06.02-	113292	12 1.4 A49
		06.02- 02.05	115867	14 150		06.02- 02.05	116342*	12 1.4
	[N45B16]	06.02- 02.05	115867	14 150				
	[N45B16A]	06.02-	113871	14 150 A49		06.02- 02.05	113292	12 1.4 A49
		06.02- 02.05	115867	14 150		06.02- 02.05	116342*	12 1.4
	(E90)[N43B16A]	09.07- 12.11	115931*	14 170		A25 09.07- 12.11	115398	12 1.7
						09.07- 12.11	114740	12 1.2
	[N45B16]	09.05-	113871	14 150 A49				
		09.05- 12.11	114781	14 110				
		09.05- 12.11	115867	14 150		09.05-	114297	12 1.2
	[N45B16A]	09.05-	113871	14 150 A49				
		09.05- 12.11	115867	14 150		09.05-	114297	12 1.2
	[N45B16TU2]	09.05-	113871	14 150				
		09.05- 12.11	114781	14 110		09.05-	114297	12 1.2
		09.05- 12.11	115867	14 150 A49				
	(E91)[N43B16A]	05.08- 05.12	115931*	14 170		A25 09.07-	115398	12 1.7
						09.07-	114740	12 1.2



	(E92)[N43B16A]	09.07-	115931*	14	170		09.07-	115398	12	1.7
							09.07-	114740	12	1.2
	(F30)[N13B16A]						10.12-	115962	12	1.7
	(F31)[N13B16A]						03.13-	115962	12	1.7
316 1.6 Ti	(E46)[N40B16A]	06.02- 02.05	113871	14	150 A49					
		06.02- 02.05	115867	14	150		06.02- 02.05	113292	12	1.4 A49
		06.02- 02.05	116165	14	90		06.02- 02.05	116342*	12	1.4
	[N45B16A]	06.02- 02.05	113871	14	150 A49		06.02- 02.05	113292	12	1.4 A49
		06.02- 02.05	115867	14	150		06.02- 02.05	116342*	12	1.4
316 1.6 G	(E36)[M43B16]	12.95-	111946	14	80		12.95- 08.00	114118	12	1.4
							12.95-	111911	12	1.4
316 1.8	(E30)[M10B18]	09.82- 12.85	110877	14	65					
316 1.8 Ecotronic	(E30)[M10B18]	09.83- 08.87	110877	14	65					
316 1.8 i	(E46)[N42B18]	02.02- 04.04	113871	14	150 A49					
		02.02- 04.04	115867	14	150		02.02-	113292	12	1.4 A49
		02.02- 04.04	116165	14	90		02.02- 04.04	116342*	12	1.4
	[N42B18A]	03.02- 02.05	113871	14	150 A49					
		03.02- 02.05	115867	14	150		03.02-	113292	12	1.4 A49
		03.02- 02.05	116165	14	90		03.02- 02.05	116342*	12	1.4
	[N46B18]	03.02- 02.05	113871	14	150 A49		03.02- 02.05	113292	12	1.4 A49
		03.02- 02.05	115867	14	150		03.02- 02.05	116342*	12	1.4
		03.02- 02.05	116165	14	90					
	[N46B18A]	03.02- 02.05	113871	14	150 A49		03.02- 02.05	116342*	12	1.4
		03.02- 02.05	115867	14	150 A49		03.02- 02.05	113292	12	1.4 A49
316 1.8 Ti	(E46)[N42B18]	06.01- 03.04	113871	14	150 A49		06.01- 03.04	116342*	12	1.4
		06.01- 03.04	115867	14	150					
		06.01- 03.04	116165	14	90		06.01-	113292	12	1.4 A49
	[N46B18A]	04.04- 12.04	113871	14	150 A49					
		04.04- 12.04	115867	14	150					
316 1.9 i	(E36)[M43B19 (194E1)]	12.98- 08.00	111946	14	80					
		01.99- 09.00	112413	14	90		01.99-	111911	12	1.4
	(E46)[M43B19 (194E1)]	01.99-	112413	14	90		01.99-	111911	12	1.4
316 2.0 Diesel	(E90)[N47D20C]	07.09- 12.11	114292	14	180		07.09-	114689	12	2.0
		07.09- 12.11	115581	14	180 A49		A25 07.09- 12.11	115335	12	2.2
		07.09- 12.11	116348*	14	180		A25 07.09- 12.11	116059	12	2.2 A49
	(E91)[N47D20C]	09.09-	115581	14	180 A49		A25 09.09-	115335	12	2.2
		09.09-	116348*	14	180		A25 09.09-	116059	12	2.2 A49
							09.09-	114689	12	2.0
	(F30)[N47D20C]						02.12-	115335	12	2.2
							02.12-	116059	12	2.2 A49
316 2.0 Diesel Touring	(F31)[N47D20C]						06.12-	115335	12	2.2
							06.12-	116059	12	2.2 A49
318 1.7 TDS	(E36)[M41D18]	01.95- 08.00	113868	14	95		01.95-	111908	12	1.8
							01.95- 08.00	111911	12	1.4
318 1.8	(E21)[M10B18]	08.75- 08.80	110877	14	65					
318 1.8 i	(E30)[M40B18]						09.87- 04.93	111911	12	1.4
							09.87- 06.94	114118	12	1.4
	(E36)[M40B18]						12.90- 02.94	114118	12	1.4
	[M43B18]	09.93-	111946	14	80		01.94-	111911	12	1.4
							10.93- 02.98	114118	12	1.4
318 1.8 iS	(E30)[M42B18]						09.89- 08.91	111911	12	1.4
							09.89- 08.91	114118	12	1.4
	(E36)[M42B18]	09.93- 09.97	111946	14	80		03.92- 10.95	114118	12	1.4
							03.92- 09.97	111911	12	1.4
318 1.8 Ti	(E36)[M42B18]	11.94- 08.95	111946	14	80		11.94- 08.95	114118	12	1.4
							11.94- 08.95	111911	12	1.4
318 1.9 i	(E46)[M43B19]	02.98-	112413	14	90		02.98-	111911	12	1.4
	[M43B19 (194E1)]	10.99- 09.01	112413	14	90		10.99- 09.01	111911	12	1.4
	[M43B19TU]	02.98- 09.01	112413	14	90		02.98- 09.01	111911	12	1.4
318 1.9 iS	(E36)[M44B19]	09.95-	111946	14	80		09.95-	111911	12	1.4
	[M44B19 (194S1)]	09.95- 04.99	111946	14	80		09.95- 04.99	111911	12	1.4
318 1.9 Ti	(E36)[M44B19]	07.95-	111946	14	80		07.95-	111911	12	1.4
	[M44B19 (194S1)]	07.95- 08.00	111946	14	80		07.95- 08.00	111911	12	1.4
318 2.0 Ci	(E46)[N42B20A]	12.00- 08.06	113871	14	150 A49					
		12.00- 08.06	115867	14	150		12.00- 08.06	113292	12	1.4 A49
		09.01-	116165	14	90		12.00- 08.06	116342*	12	1.4
	[N46B20A]	12.00- 08.06	113871	14	150 A49		12.00- 08.06	113292	12	1.4 A49
		12.00- 08.06	115867	14	150		12.00- 08.06	116342*	12	1.4
		09.01-	116165	14	90					
	[N46B20B]	02.05-	113871	14	150 A49		02.05-	113292	12	1.4 A49
		02.05-	115867	14	150		02.05-	116342*	12	1.4
318 2.0 i	(E46)[N42B20A]	09.01- 02.05	113871	14	150 A49					
		09.01- 02.05	115867	14	150		09.01-	113292	12	1.4 A49
		09.01- 02.05	116165	14	90		09.01- 02.05	116342*	12	1.4
	[N46B20]	09.01- 02.05	113871	14	150 A49					
		09.01- 02.05	115867	14	150		09.01- 02.05	113292	12	1.4 A49
		09.01- 02.05	116165	14	90		09.01- 02.05	116342*	12	1.4
	[N46B20A]	09.01- 02.05	113871	14	150 A49		09.01- 02.05	113292	12	1.4 A49
		09.01- 02.05	115867	14	150		09.01- 02.05	116342*	12	1.4
	(E90)[N43B20A]	09.07- 12.11	115931*	14	170		09.07- 12.11	115398	12	1.7
							AT 09.07- 12.11	114740	12	1.2
	[N46B20]	09.05-	113871	14	150 A49					
		09.05-	114781	14	110					
		09.05-	115867	14	150		09.05-	114297	12	1.2
	[N46B20B]	09.05-	113871	14	150 A49					
		09.05-	114781	14	110					
		09.05-	115867	14	150		09.05-	114297	12	1.2
	[N46B20TU2]	09.07- 12.11	113871	14	150 A49					
		09.07- 12.11	115867	14	150					
		09.07- 12.11	115931*	14	170		09.07-	114297	12	1.2
	(E91)[N43B20A]	09.07-	115931*	14	170		A25 09.07-	115398	12	1.7
							09.07-	114740	12	1.2
	[N46B20]	01.06-	114781	14	110					
		01.06-	115867	14	150		01.06-	114297	12	1.2
		03.06-	113871	14	150 A49					



Application list

BMW Continued

	[N46B20B]	01.06-03.06-09.07-	115867 113871 115931*	14 150 14 150 A49 14 170		A25 09.07-09.07-01.06-	115398 114740 114297	12 1.7 12 1.2 12 1.2
	[N46B20TU2]	09.07-09.07-09.07-	113871 115867 115931*	14 150 A49 14 150 14 170		09.07-	114297	12 1.2
	(E92)[N43B20A]	03.10-	115931*	14 170				
	(E93)[N43B20A]	03.10-	115931*	14 170				
318 2.0 Ti	(E46)[N42B20]	09.01-02.05-09.01-02.05-09.01-02.05	113871 115867 116165	14 150 A49 14 150 14 90		09.01-09.01-02.05	113292 116342*	12 1.4 A49 12 1.4
	[N42B20A]	09.01-02.05-09.01-02.05-09.01-02.05	113871 115867 116165	14 150 A49 14 150 14 90		09.01-02.05	116342*	12 1.4
	[N46B20A]	09.01-02.05-09.01-02.05-09.01-02.05	113871 115867 116165	14 150 A49 14 150 14 90		09.01-	113292	12 1.4 A49
		09.01-02.05-09.01-02.05	113871 115867 116165	14 150 A49 14 150 14 90		09.01-02.05	113292 116342*	12 1.4 A49 12 1.4
318 2.0 Diesel	(E46)[M47204D1]	09.01-	113407	14 150		09.01-03.03-09.01-02.05	113925 113925	12 1.8 12 1.8
	[M47D20]	09.01-02.05	113407	14 150		09.01-02.05	113925	12 1.8
	[M47D20 (204D4)]	03.03-02.05-03.03-02.05-03.03-02.05	113858 113881 115976	14 150 A49 14 150 14 150		03.03-02.05-03.03-02.05	114127 116160	12 1.6 A49 12 1.6
	[M47D20(204D4)]	03.03-02.05-03.03-03.03-02.05	113858 113881 115976	14 150 A49 14 150 14 150		03.03-02.05-03.03-02.05	114127 116160	12 1.6 A49 12 1.6
	(E90)[M47N204D4]	09.05-12.11	114292	14 180		09.05-	114091	12 1.8
	[N47D20A]	09.05-12.11	114292	14 180		09.05-	114689	12 2.0
		09.05-12.11	115581	14 180 A49		A25 09.05-12.11	115335	12 2.2
		09.05-12.11	116348*	14 180		A25 09.05-12.11	116059	12 2.2 A49
	[N47D20C]	09.05-12.11	114292	14 180		09.05-12.11	114689	12 2.0
		09.05-12.11	115581	14 180 A49		09.05-12.11	115335	12 2.2
		09.05-12.11	116348*	14 180		A25 09.05-12.11	116059	12 2.2 A49
	(E91)[M47N204D4]	09.05-	114720	14 150		09.05-	114091	12 1.8
	[N47D20A]	09.07-09.07-09.07-	114292 115581 116348*	14 180 14 180 A49 14 180		09.07-A25 09.07-A25 09.07-	114689 115335 116059	12 2.0 12 2.2 12 2.2 A49
	[N47D20C]	07.07-07.07-09.07-	115581 116348* 114292	14 180 A49 14 180 14 180		A25 09.07-A25 07.07-07.07-	115335 116059 114689	12 2.2 12 2.2 A49 12 2.0
	(F30)[N47D20C]					02.12-02.12-	115335 116059	12 2.2 12 2.2 A49
	(F30, F35)[N47D20C]					02.12-02.12-	115335 115558	12 2.2 12 1.4
						02.12-	116059	12 2.2 A49
	(F31)[N47D20C]					06.12-06.12-	115335 116059	12 2.2 12 2.2 A49
318 2.0 Diesel Gran Turismo	(F34)[N47D20C]					03.13-03.13-03.13-	115335 115558 116059	12 2.2 12 1.4 12 2.2 A49
318 2.0 Diesel Touring	(F31)[N47D20C]					06.12-06.12-	115335 116059	12 2.2 12 2.2 A49
318 2.0 Diesel xDrive	(F30)[N47D20C]					11.12-11.12-	115335 116059	12 2.2 12 2.2 A49
	(F31)[N47D20C]					01.13-01.13-	115335 116059	12 2.2 12 2.2 A49
318 2.0 TD	(E46)[M47D20 (204D4)]	03.03-02.05	113881	14 150		03.03-02.05-03.03-02.05-02.12-	116160 114127 115962	12 1.6 12 1.6 A49 12 1.7
320 1.6 i	(F30)[N13B16A]					02.12-	115962	12 1.7
320 2.0	(E21)[M10B20]	08.75-03.77	112310	14 55		08.75-08.77	110772	12 1.0
320 2.0 i	(E21)[M10B20]					10.75-08.77	110772	12 1.0
	(E30)[M20B20]					01.88-12.91	111400	12 1.4
	(E36)[M50B20]	09.90-10.99	112687	14 80		09.90-10.99	111911	12 1.4
	[M50B20 (206S1)]	09.94-02.98	112687	14 80		09.94-02.98	111911	12 1.4
	[M50B20 (206S2)]	09.90-02.98	112687	14 80		09.90-02.98	111911	12 1.4
	[M50B20TU]	03.92-10.99	112687	14 80		03.92-10.99	111911	12 1.4
	[M52B20]	09.90-12.99	112687	14 80		09.90-12.99	111911	12 1.4
	[M52B206S3]	01.95-	112687	14 80		01.95-	111911	12 1.4
	(E46)[M52B20]	03.98-03.98-	111873# 112193	14 80 14 120		03.98-09.01	111911	12 1.4
	[M52B206S3]	03.98-09.00	112193	14 120		03.98-09.00	111911	12 1.4
	[M52B206S4]	08.99-	111873#	14 80				
		08.99-09.00	112193	14 120		08.99-09.00	111911	12 1.4
	[M54B22(226S1)]	09.00-	111873#	14 80		09.00-02.05	111911	12 1.4
	(E90)[N43B20A]	09.07-12.11	115931*	14 170		A25 09.07-12.11-09.07-12.11	115398 114740	12 1.7 12 1.2
	[N46B20]	01.05-01.05-01.05-	113871 114781 115867	14 150 A49 14 110 14 150		01.05-	114297	12 1.2
	[N46B20A]	01.05-01.05-	113871 115867	14 150 A49 14 150		01.05-	114297	12 1.2
	[N46B20B]	01.05-01.05-	113871 115867	14 150 A49 14 150		01.05-	114297	12 1.2
	[N46B20C]	01.05-01.05-	113871 115867	14 150 A49 14 150		01.05-	114297	12 1.2
	(E91)[N43B20A]	09.07-	115931*	14 170		A25 09.07-09.07-	115398 114740	12 1.7 12 1.2
	[N46B20B]	09.05-	113871	14 150 A49				
	(E92)[N43B20A]	01.07-03.07-03.07-	115931* 113871 115867	14 170 14 150 A49 14 150				
	[N46B20A]	11.06-06.07-11.06-06.07	113871 115867	14 150 A49 14 150		11.06-06.07	114297	12 1.2
	[N46B20B]	03.07-	113871	14 150 A49				
	[N46NB20B]	11.06-06.07-11.06-06.07	113871 114781 115867	14 150 A49 14 110 14 150		11.06-06.07	114297	12 1.2



	(E93)[N43B20A]	01.07-03.07-03.07-	115931* 113871 115867	14 170 14 150 14 150		01.07-03.07-01.07-	115398 114297 114740	12 1.7 12 1.2 12 1.2
	[N46B20B]	03.07-08.07-03.07-08.07-03.07-	113871 115867 115931*	14 150 A49 14 150 14 170		03.07-08.07	114297	12 1.2
	(F30)[N20B20A]	02.12-	116220	14 170		02.12-02.12-	116259 115562	12 2.1 12 1.7
	(F30, F80)	04.11-04.11-	116442* 116220	14 210 14 170		AT 04.11-04.11-	116259 115562	12 2.1 12 1.7
	(F31)[N20B20B]	02.12-06.15	116220	14 170		02.12-06.15-02.12-06.15	116259 115562	12 2.1 12 1.7
320 2.0 i Gran Turismo	(F34)[N20B20A]	03.13-	116220	14 170		03.13-03.13-	116259 115562	12 2.1 12 1.7
	[N20B20B]	03.13-03.13-	116220 116442*	14 170 14 210		03.13-03.13-	116259 115562	12 2.1 12 1.7
320 2.0 i Gran Turismo xDrive	(F34)[N20B20A]	03.13-	116220	14 170		03.13-03.13-	116259 115562	12 2.1 12 1.7
	[N20B20B]	03.13-	116220	14 170		03.13-	115562	12 1.7
320 2.0 i L-Jetronic	(E30)[M20B20]					07.87-03.93	111400	12 1.4
320 2.0 i Motronic	(E30)[M20B20]					07.87-03.93	111400	12 1.4
320 2.0 i Touring	(F31)[N20B20B]	06.12-	116220	14 170		06.12-	115562	12 1.7
320 2.0 i xDrive	(F30)[N20B20A]	11.11-	116220	14 170		11.11-11.11-	116259 115562	12 2.1 12 1.7
	(F31)[N20B20B]	01.12-06.15	116220	14 170		01.12-06.15-01.12-06.15	116259 115562	12 2.1 12 1.7
	(F34)[N20B20B]	03.13-03.13-	116220 116442*	14 170 14 210		03.13-03.13-	115562 116259	12 1.7 12 2.1
320 2.0 iS	(E30)[S14204EA]					05.88-12.90	111400	12 1.4
320 2.0 Si	(E90)[N45B20A]	03.06-09.06-05.06-12.11	113871 115867	14 150 A49 14 150		05.06-	114297	12 1.2
320 2.0 Diesel	(E46)[M47204D1]	02.98-04.05-02.98-04.05	112462 113407	14 120 14 150		02.98-04.05	113925	12 1.8
	[M47D20]	04.98-09.99-09.01	112462 113407	14 120 14 150		04.98-09.01	113925	12 1.8
	[M47D20 (204D4)]	11.03-	113881	14 150		11.03-11.03-	116160 114127	12 1.6 12 1.6 A49
	[M47D20(204D4)]	09.01-09.01	113407	14 150 ▲		09.01-02.05	114127	12 1.6 A49
	(E90)[M47D20 (204D4)]	09.01-02.05	113881	14 150		09.01-02.05	116160	12 1.6
		01.05-12.11	114720	14 150		01.05-	114091	12 1.8
		01.05-12.11	115581	14 180 A49		09.05-	114127	12 1.6 A49
		01.05-12.11	116348*	14 180		09.05-12.11	116160	12 1.6
	[N47D20A]	09.07-12.11	114292	14 180		09.07-	114689	12 2.0
		09.07-12.11	115581	14 180 A49		A25 09.07-12.11	115335	12 2.2
		09.07-12.11	116348*	14 180		A25 09.07-12.11	116059	12 2.2 A49
	[N47D20C]	01.05-12.11	114720	14 150		09.07-12.11	114689	12 2.0
		01.05-12.11	115581	14 180 A49		A25 09.07-12.11	115335	12 2.2
		01.05-12.11	116348*	14 180		A25 09.07-12.11	116059	12 2.2 A49
		09.07-12.11	114292	14 180		01.05-	114091	12 1.8
	(E91)[M47D20 (204D4)]	09.05-09.07	114720	14 150				
		09.05-09.07	115581	14 180 A49				
		09.05-09.07	116348*	14 180		09.05-09.07	114091	12 1.8
	[M47N204D5]	09.05-09.07	114720	14 150				
		09.05-09.07	115581	14 180 A49				
		09.05-09.07	116348*	14 180		09.05-09.07	114091	12 1.8
	[N47D20A]	09.05-09.07	114720	14 150		09.07-	114689	12 2.0
		09.05-09.07	115581	14 180 A49		A25 09.07-	116059	12 2.2 A49
		09.05-09.07	116348*	14 180		09.05-09.07	114091	12 1.8
		09.07-	114292	14 180		A25 09.07-	115335	12 2.2
	[N47D20C]	09.05-09.07	114720	14 150		09.07-	114689	12 2.0
		09.05-09.07	115581	14 180 A49		A25 09.07-	116059	12 2.2 A49
		09.05-09.07	116348*	14 180		09.05-09.07	114091	12 1.8
		09.07-	114292	14 180		A25 09.07-	115335	12 2.2
	(E92)[N47D20A]					A25 03.07-	115335	12 2.2
						03.07-	116059	12 2.2 A49
						03.07-	114689	12 2.0
	[N47D20C]	01.07-	115581	14 180 A49		A25 01.07-	115335	12 2.2
		01.07-	116348*	14 180		A25 01.07-	116059	12 2.2 A49
		01.10-	114292	14 180		01.10-	114689	12 2.0
	(E93)[N47D20A]	03.07-	114292	14 180		A25 03.07-	116059	12 2.2 A49
						A25 03.07-	115335	12 2.2
						03.07-	114689	12 2.0
	[N47D20C]	03.07-	114292	14 180		03.07-	114689	12 2.0
		01.08-	115581	14 180 A49		A25 03.07-	115335	12 2.2
		01.08-	116348*	14 180		A25 03.07-	116059	12 2.2 A49
	(F30)[N47D20C]					AT 10.11-	115335	12 2.2
						10.11-	116059	12 2.2 A49
						10.11-	115335	12 2.2
						10.11-	115558	12 1.4
						10.11-	116059	12 2.2 A49
	(F30, F35, F80)[N47D20C]					02.12-	115335	12 2.2
						02.12-	116059	12 2.2 A49
	(F31)[N47D20C]					10.11-	115335	12 2.2
						10.11-	116059	12 2.2 A49
	(F34)[N47D20C]					03.13-	115335	12 2.2
						03.13-	115558	12 1.4
						03.13-	116059	12 2.2 A49
320 2.0 Diesel Gran Turismo	(F34)[N47D20C]					03.13-	115335	12 2.2
						03.13-	115558	12 1.4
						03.13-	116059	12 2.2 A49
320 2.0 Diesel Gran Turismo xDrive	(F34)[N47D20C]					03.13-	115558	12 1.4
320 2.0 Diesel Touring	(F31)[N47D20C]					06.12-	115335	12 2.2
						06.12-	116059	12 2.2 A49
320 2.0 Diesel Xdrive	(E90)[N47D20C]	07.08-12.11	115581	14 180 A49		A25 09.07-12.11	115335	12 2.2
		07.08-12.11	116348*	14 180		A25 09.07-12.11	116059	12 2.2 A49
		09.08-12.11	114292	14 180		09.07-12.10	114689	12 2.0

	(E91)[N47D20A]				A25 09.07-09.07-09.07-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
	[N47D20C]	09.08-09.08-09.08-	114292 115581 116348*	14 180 14 180 A49 14 180	09.08-09.08-09.08- A25 09.08- A25 09.08-	114689 115335 116059	12 2.0 12 2.2 12 2.2	A49
	(E92)[N47D20A]				A25 03.07-03.07-03.07-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
	[N47D20C]	01.10-01.10-01.10-	114292 115581 116348*	14 180 14 180 A49 14 180	09.08-09.08-09.08- A25 09.08- A25 09.08-	114689 115335 116059	12 2.0 12 2.2 12 2.2	A49
	(F30)[N47D20C]				10.11-10.11-	115335 116059	12 2.2 12 2.2	A49
	(F30, F35, F80)[N47D20C]				05.12-05.12-05.12-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
	(F31)[N47D20C]				06.12-06.12-06.12-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
	(F34)[N47D20C]				03.13-03.13-03.13-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
320 2.0 TD	(E46)[M47D20 (204D4)]	09.01-09.02-09.01-01.05	113407 113881	14 150 ▲ 14 150	09.01-02.05-09.01-02.05	114127 116160	12 1.6 12 1.6	A49
320 2.2 Ci	(E46)[M54B22] [M54B22(226S1)]	09.00-09.00-12.07-01.06-12.07	111873# 111873# 112193	14 80 14 80 14 120	09.00-09.00-12.07	111911 111911	12 1.4 12 1.4	
320 2.2 i	(E46)[M54B22(226S1)]	09.00-	111873#	14 80	09.00-	111911	12 1.4	
323 2.5 Ci	(E46)[M52B25 (Vanos)]	04.99-04.99-	111873# 112193	14 80 14 120	04.98-09.00	111911	12 1.4	
323 2.5 i	(E36)[M52B25] [M52B25 (256S3)] [M52B25 (Vanos)] (E46)[M52B25 (256S4)]	03.95-03.95-06.95-04.99-03.98-	112687 112687 112687 111873#	14 80 14 80 14 80 14 80	03.95-03.95-06.95-04.99-	111911 111911 111911	12 1.4 12 1.4 12 1.4	
	[M52B25 (Vanos)]	03.98-09.00	112193	14 120	03.98-09.00	111911	12 1.4	
	[M52B25TU]	03.98-09.00	112193	14 120	03.98-09.00	111911	12 1.4	
	(E90)[N52B25]	04.06-06.07-04.06-06.07-04.06-06.07-04.06-06.07	114524 115904 116120 116121	14 180 A53 14 155 14 180 BO 14 180 A52	04.06-06.07-04.06-06.07	114740	12 1.2	
	(E91)[N52B25A]	04.06-07.08-04.06-06.07-04.06-07.08-04.06-07.08-04.06-07.08	114524 115904 116120 116121	14 180 A53 14 155 14 180 BO 14 180 A52	04.06-07.08-04.06-07.08	114740	12 1.2	
	(E92)[N52B25AE]	04.06-02.12-04.06-02.12-04.06-02.12	116012 116120 116121	14 150 14 180 14 180	04.06-02.12-04.06-02.12	114740	12 1.2	
	[N52B25BE]	04.06-02.12-04.06-02.12-04.06-02.12	116012 116120 116121	14 150 14 180 14 180	04.06-02.12-04.06-02.12	114740	12 1.2	
	(E93)[N52B25A]	03.07-09.11-03.07-09.11-03.07-09.11	116012 116120 116121	14 150 14 180 14 180	03.07-09.11-03.07-09.11	114740	12 1.2	
323 2.5 Ti	(E36)[M52B25]	08.97-08.00	112687	14 80	08.97-08.00	111911	12 1.4	
324 2.4 Diesel	(E30)[M21D24W]				09.85-08.91	112533	12 2.2	
324 2.4 TD	(E30)[M21D24] [M21D24WA]				09.87-08.91-01.88-06.93	112533 112533	12 2.2 12 2.2	
325 2.0 Diesel	(F30)[N47D20D]				10.11-10.11-	115335 116059	12 2.2 12 2.2	A49
	(F30, F35, F80)[N47D20D]				10.11-10.11-10.11-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
	(F31)[N47D20D]				03.13-03.13-03.13-	115335 115558 116059	12 2.2 12 1.4 12 2.2	A49
325 2.0 Diesel Gran Turismo	(F34)[N47D20D]				03.13-	115558	12 1.4	
325 2.5 Ci	(E46)[M54B25 (256S5)]	09.00-	111873#	14 80	09.00-	111911	12 1.4	
325 2.5 i	(E30)[M20B25] [M20B25 (256E1)] [M20B25 (256E2)] [M20B25 (256EX)] [M20B25 (256K1)]				12.86-10.93-12.86-03.93-12.86-10.93-12.86-10.93	111400 111400 111400 111400 111400	12 1.4 12 1.4 12 1.4 12 1.4 12 1.4	
	(E36)[M50B20TU]	09.90-09.95	112687	14 80	09.90-09.95	111911	12 1.4	
	[M50B25]	09.91-04.99	112687	14 80	09.90-04.99	111911	12 1.4	
	[M50B25 (256S1)]	09.91-04.99	112687	14 80	09.90-04.99	111911	12 1.4	
	[M50B25 (256S2)]	09.91-04.99	112687	14 80	09.90-04.99	111911	12 1.4	
	[M50B25TU]	03.92-04.99	112687	14 80	03.92-04.99	111911	12 1.4	
	(E46)[M54B25 (256S5)]	09.00-03.05	111873#	14 80	09.00-	111911	12 1.4	
	(E90)[N52B25]	01.05-01.05-12.11-01.05-12.11-01.05-12.11-01.05-12.11	114524 115904 116120 116121	14 180 A53 14 155 14 180 BO 14 180 A52	01.05-12.11-01.05-12.11	114740	12 1.2	
	[N52B25A]	01.05-12.11-01.05-12.11-01.05-12.11-01.05-12.11-01.05-12.11	114524 115904 116120 116121	14 180 A53 14 155 14 180 BO 14 180 A52	01.05-12.11-01.05-12.11	114740	12 1.2	
	[N52B25C]	01.05-01.05-12.11-01.05-12.11-01.05-12.11-01.05-12.11	114524 115904 116120 116121	14 180 A53 14 155 14 180 BO 14 180 A52	01.05-12.11-01.05-12.11	114740	12 1.2	
		01.05-11.05-	116295	14 180 VA	01.05-	115574	12 1.2	



	(E92)[N52B25A]	09.06-	114524	14 180 A53					
		09.06-	116120	14 180 BO					
		09.06-	116121	14 180 A52		09.06-	114740	12 1.2	
		09.06-	116295	14 180 VA		09.06-	115574	12 1.2	
	[N52B25C]	09.06-	114524	14 180 A53					
		09.06-	116120	14 180 BO					
		09.06-	116121	14 180 A52		09.06-	114740	12 1.2	
		09.06-	116295	14 180 VA		09.06-	115574	12 1.2	
					06.06- 12.10	115574	12 1.2		
					06.06- 12.10	114740	12 1.2		
	(E93)[N52B25]	03.07-	114524	14 180 A53					
		03.07-	116120	14 180 BO					
		03.07-	116121	14 180 A52		03.07-	114740	12 1.2	
		03.07-	116295	14 180 VA		03.07-	115574	12 1.2	
	[N52B25A]	03.07-	114524	14 180 A53					
		03.07-	116120	14 180 BO					
		03.07-	116121	14 180 A52		03.07-	114740	12 1.2	
		03.07-	116295	14 180 VA		03.07-	115574	12 1.2	
325 2.5 i xDrive	(E92)[N52B25A]	09.06- 12.13	114524	14 180 A53					
		09.06- 12.13	116012	14 150					
		09.06- 12.13	116120	14 180 BO					
		09.06- 12.13	116121	14 180 A52		09.06- 12.13	114740 12 1.2		
		09.06- 12.13	116295	14 180 VA		09.06- 12.13	115574 12 1.2		
325 2.5 iX	(E30)[M20B25]					01.87- 10.93	111400 12 1.4		
	[M20B25 (256E1)]					01.87- 12.87	111400 12 1.4		
	[M20B25 (256E2)]					01.87- 12.87	111400 12 1.4		
	[M20B25 (256EX)]					01.87- 12.87	111400 12 1.4		
	[M20B25 (256K1)]					01.87- 12.87	111400 12 1.4		
325 2.5 Ti	(E46)[M54B25256S5]	06.01-	111873#	14 80		06.01-	111911 12 1.4		
325 2.5 Xi	(E46)[M54B25 (256S5)]	09.00- 03.05	111873#	14 80		09.00-	111911 12 1.4		
	(E90)[N52B25A]	01.05- 12.11	114524	14 180 A53					
		01.05- 12.11	115904	14 155					
		01.05- 12.11	116120	14 180 BO					
		01.05- 12.11	116121	14 180 A52		01.05-	114740	12 1.2	
		01.05- 12.11	116295	14 180 VA		01.05- 12.11	115574 12 1.2		
	[N52B25C]	01.05-	114524	14 180 A53					
		01.05- 12.11	115904	14 155					
		01.05- 12.11	116120	14 180 BO					
		01.05- 12.11	116121	14 180 A52		01.05-	114740	12 1.2	
		01.05- 12.11	116295	14 180 VA		01.05- 12.11	115574 12 1.2		
	(E91)[N52B25A]	01.05-	114524	14 180 A53					
		01.05-	115904	14 155					
		01.05-	116120	14 180 BO					
		01.05-	116121	14 180 A52		01.05-	114740	12 1.2	
		01.05-	116295	14 180 VA		01.05-	115574 12 1.2		
	[N52B25C]	01.05-	114524	14 180 A53					
		01.05-	115904	14 155					
		01.05-	116120	14 180 BO					
		01.05-	116121	14 180 A52		01.05-	114740	12 1.2	
		01.05-	116295	14 180 VA		01.05-	115574 12 1.2		
	(E92)[N52B25A]	09.06-	114524	14 180 A53					
		09.06-	116120	14 180 BO					
		09.06-	116121	14 180 A52		09.06-	114740	12 1.2	
		09.06-	116295	14 180 VA		09.06-	115574	12 1.2	
	[N52B25C]	09.06-	114524	14 180 A53					
		09.06-	116120	14 180 BO					
		09.06-	116121	14 180 A52		09.06-	114740	12 1.2	
		09.06-	116295	14 180 VA		09.06-	115574	12 1.2	
325 2.5 TD	(E36)[M51D25]	03.91- 02.98	112800	14 95		09.91- 02.98	113446 12 2.2		
		09.91-	111788	14 105					
325 2.5 TDS	(E36)[M51D25]	05.93-	111788	14 105					
		05.93- 12.95	112800	14 95		05.93- 10.99	113446 12 2.2		
325 2.7 E	(E30)[M20B27]					01.87- 12.88	111400 12 1.4		
	[M20B27 (276KA)]					01.87- 12.88	111400 12 1.4		
	[M20B27 (276KB)]					01.87- 12.88	111400 12 1.4		
325 3.0 i	(E90)[N53B30]	09.07- 12.11	114524	14 180 A53					
		09.07- 12.11	116120	14 180 BO					
		09.07- 12.11	116121	14 180 A52		09.07- 12.11	114740	12 1.2	
		09.07- 12.11	116295	14 180 VA		09.07- 12.11	115574	12 1.2	
		[N53B30A]	09.07- 12.11	114524	14 180 A53				
			09.07- 12.11	116120	14 180 BO				
			09.07- 12.11	116121	14 180 A52		09.07- 12.11	114740	12 1.2
			09.07- 12.11	116295	14 180 VA		09.07- 12.11	115574	12 1.2
			06.06- 12.11	116295	14 180 VA		06.06- 12.11	115574 12 1.2	
			06.06- 12.11	116121	14 180 A52		06.06- 12.11	114740 12 1.2	
			06.06- 12.11	116120	14 180 BO				
			06.06- 12.11	116012	14 150				
			06.06- 12.11	114524	14 180 A53				
		(E91)[N53 B30A]	09.07-	114524	14 180 A53				
			09.07-	116120	14 180 BO				
			09.07-	116121	14 180 A52		01.12-	114740	12 1.2
			09.07-	116295	14 180 VA		01.12-	115574	12 1.2
		[N53B30]	09.07-	114524	14 180 A53				
			09.07-	116120	14 180 BO				
			09.07-	116121	14 180 A52		09.07-	114740	12 1.2
09.07-			116295	14 180 VA		09.07-	115574	12 1.2	
	[N53B30A]	09.07-	114524	14 180 A53					
		09.07-	116120	14 180 BO					
		09.07-	116121	14 180 A52		09.07-	114740	12 1.2	
		09.07-	116295	14 180 VA		09.07-	115574	12 1.2	
	(E92)[N51B30A]	09.07-	114524	14 180 A53					
		09.07-	116120	14 180 BO					
		09.07-	116121	14 180 A52		09.07-	114740	12 1.2	
		09.07-	116295	14 180 VA		09.07-	115574	12 1.2	



BMW Continued

	[N53B30]	09.07- 09.07- 09.07- 09.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.07- 09.07-	114740 115574	12 1.2 12 1.2
	[N53B30A]	07.07- 07.07- 07.07- 07.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		07.07- 07.07-	114740 115574	12 1.2 12 1.2
	(E93)[N51B30A]	03.07- 03.07- 03.07-	116120 116121 116295	14 180 BO 14 180 A52 14 180 VA		03.07- 03.07-	114740 115574	12 1.2 12 1.2
	[N53B30]	03.07- 03.07- 03.07- 03.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		03.07- 03.07-	114740 115574	12 1.2 12 1.2
	[N53B30A]	10.06- 10.06- 10.06- 10.06-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		10.06- 10.06-	114740 115574	12 1.2 12 1.2
325 3.0 i Xdrive	(E90)[N53B30A]	09.08- 12.11 09.08- 12.11 09.08- 12.11 09.08- 12.11	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.08- 12.11 09.08- 12.11	114740 115574	12 1.2 12 1.2
	(E91)[N51B30A]	09.07- 09.07- 09.07- 09.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.08- 09.08-	114740 115574	12 1.2 12 1.2
	[N53B30A]	09.07- 09.07- 09.07- 09.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.08- 09.08-	114740 115574	12 1.2 12 1.2
	(E92)[N51B30A]	09.08- 09.08- 09.08- 09.08-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.08- 09.08-	114740 115574	12 1.2 12 1.2
	[N53B30A]	09.08- 09.08- 09.08- 09.08-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA				
325 3.0 Xi	(E90)[N53B30A]	09.07- 12.11 09.07- 12.11 09.07- 12.11 09.07- 12.11	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.07- 12.11 09.07- 12.11	114740 115574	12 1.2 12 1.2
	(E91)[N53B30A]	09.07- 09.07- 09.07- 09.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.07- 09.07-	114740 115574	12 1.2 12 1.2
	(E92)[N53B30A]	09.07- 09.07- 09.07- 09.07-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA		09.07- 09.07-	114740 115574	12 1.2 12 1.2
325 3.0 Diesel	(E90)[M57D30 (306D3)]	09.06- 12.11	114720	14 150		09.06-	114091	12 1.8
	[N57D30A]					01.10-	114689	12 2.0
	(E91)[M57D30 (306D3)]	09.06-	114720	14 150		09.06-	114091	12 1.8
	[M57N2306D3]					02.10-	115335	12 2.2
	[N57D30A]					02.10-	116059	12 2.2 A49
	[N57D30A]					04.10-	115335	12 2.2
	[N57D30A]					02.10-	116059	12 2.2 A49
	(E92)[M57D30 (306D3)]	03.07-	114720	14 150		03.07-	114091	12 1.8
	[M57N2306D3]					04.10-	114689	12 2.0
	[N57D30A]					04.10-	114689	12 2.0
	(E93)[M57D30 (306D3)]	01.07- 12.09	114720	14 150		01.07- 12.09	114091	12 1.8
	[M57D30306D3]					03.10-	115335	12 2.2
	[N57D30 (306D3)]					02.10-	116059	12 2.2 A49
	[N57D30A]					03.07-	114091	12 1.8
	[N57D30A]					03.10-	115335	12 2.2
	[N57D30A]					02.10-	116059	12 2.2 A49
328 2.0 i	(F30)[N20B20A]	10.11-	116220	14 170		10.11- 10.11-	115574 115562	12 1.2 12 1.7
	[N26B20A]	10.11-	116220	14 170		10.11- 10.11- 10.11-	116259 115562 115574	12 2.1 12 1.7 12 1.2
328 2.0 i Gran Turismo	(F34)[N20B20A]	03.13-	116220	14 170		03.13- 03.13-	116259 115562	12 2.1 12 1.7
328 2.0 i Gran Turismo xDrive	(F34)[N20B20A]	03.13-	116220	14 170		03.13- 03.13-	116259 115562	12 2.1 12 1.7
328 2.0 i Touring	(F31)[N20B20A]	06.12-	116220	14 170		06.12- 06.12-	116259 115562	12 2.1 12 1.7
328 2.0 i xDrive	(F30)[N20B20A]	10.11-	116220	14 170		10.11- 10.11-	116259 115562	12 2.1 12 1.7
	(F31)[N20B20A]	06.12-	116220	14 170		06.12- 06.12-	115562 116259	12 1.7 12 2.1
328 2.8 Ci	(E46)[M52B28]	04.99- 04.99-	111873# 112193	14 80 14 120		04.99-	111911	12 1.4
	[M52B28 (286S2)]	04.99- 06.00	112193	14 120		04.99- 06.00	111911	12 1.4
328 2.8 i	(E36)[M52B28]	01.95-	112687	14 80		01.95-	111911	12 1.4
	[M52B28 (286S1)]	01.95- 10.99	112687	14 80		01.95- 10.99	111911	12 1.4
	[M52B28TU]	01.95- 10.99	112687	14 80		01.95- 10.99	111911	12 1.4
	(E46)[M52B28]	02.98- 02.98-	111873# 112193	14 80 14 120		02.98-	111911	12 1.4
	[M52B28 (286S2)]	02.98- 06.00	112193	14 120		02.98- 06.00	111911	12 1.4
330 2.9 Diesel	(E46)[M57D30]	09.99- 09.99- 10.99-	112462 112468 113407	14 120 14 150 14 150		10.99- 10.99- 02.05	113446 115506	12 2.2 12 2.0 A49
	[M57D30 (306D1)]	10.99- 02.05 10.99- 02.05 10.99- 02.05	112462 112468 113407	14 120 14 150 14 150		10.99- 02.05 10.99- 02.05	113446 115506	12 2.2 12 2.0 A49



330 2.9 Diesel Xdrive	(E46)[M57D30]	06.00-	113407	14	150	06.00-03.06	115506	12	2.0	A49		
		06.00-					113446	12	2.2			
330 3.0 Ci	(E46)[M54306S3] [M54B30 (306S3)]	06.00-	111873#	14	80	06.00-	111911	12	1.4			
		06.00-	111873#	14	80	06.00-	111911	12	1.4			
		06.00-	112193	14	120							
		06.00-	113858	14	150	A49						
		06.00-	115976	14	150							
330 3.0 i	(E46)[M54B30 (306S3)] (E90)[N52B30]	06.00-	111873#	14	80	06.00-	111911	12	1.4			
		01.05-12.11	114524	14	180	A53						
		01.05-12.11	115904	14	155							
		01.05-12.11	116120	14	180	BO						
		01.05-12.11	116121	14	180	A52	01.05-12.11	114740	12	1.2		
	01.05-12.11	116295	14	180	VA	01.05-12.11	115574	12	1.2			
	[N52B30A]	01.05-12.11	114524	14	180	A53						
		01.05-12.11	115904	14	155							
		01.05-12.11	116120	14	180	BO						
		01.05-12.11	116121	14	180	A52	01.05-12.11	114740	12	1.2		
		01.05-12.11	116295	14	180	VA	01.05-12.11	115574	12	1.2		
	[N52B30B]	09.07-12.11	114524	14	180	A53						
		09.07-12.11	115904	14	155							
		09.07-12.11	116120	14	180	BO						
		09.07-12.11	116121	14	180	A52	09.07-12.11	114740	12	1.2		
		09.07-12.11	116295	14	180	VA	09.07-12.11	115574	12	1.2		
	[N52B30BF]	09.07-12.11	114524	14	180	A53						
		09.07-12.11	115904	14	155							
		09.07-12.11	116012	14	150							
		09.07-12.11	116120	14	180	BO						
		09.07-12.11	116121	14	180	A52	09.07-12.11	114740	12	1.2		
	[N53B30A]	09.07-12.11	116295	14	180	VA	09.07-12.11	115574	12	1.2		
		09.07-12.11	114524	14	180	A53						
		09.07-12.11	115904	14	155							
		09.07-12.11	116120	14	180	BO						
		09.07-12.11	116121	14	180	A52	09.07-12.11	114740	12	1.2		
	(E91)[N53B30A]	09.07-12.11	116295	14	180	VA	09.07-12.11	115574	12	1.2		
		09.07-	114524	14	180	A53						
		09.07-	116120	14	180	BO						
		09.07-	116121	14	180	A52	09.07-	114740	12	1.2		
		09.07-	116295	14	180	VA	09.07-	115574	12	1.2		
	(E92)[N52B30A]	09.06-	114524	14	180	A53						
		09.06-	116120	14	180	BO						
		09.06-	116121	14	180	A52	09.06-	114740	12	1.2		
		09.06-	116295	14	180	VA	09.06-	115574	12	1.2		
		09.06-	114524	14	180	A53						
	[N53B30A]	03.07-12.13	116120	14	180	BO						
		03.07-12.13	116121	14	180	A52	03.07-12.13	114740	12	1.2		
		03.07-12.13	116295	14	180	VA	03.07-12.13	115574	12	1.2		
		03.07-12.13	114524	14	180	A53	03.07-12.13	115574	12	1.2		
		03.07-12.13	116012	14	150							
	(E93)[N52B30A]	03.07-12.13	116120	14	180	BO						
		03.07-12.13	116121	14	180	A52	03.07-12.13	114740	12	1.2		
		03.07-12.13	116295	14	180	VA	03.07-12.13	115574	12	1.2		
		03.07-12.13	114524	14	180	A53	03.07-12.13	115574	12	1.2		
		03.07-12.13	116012	14	150							
	[N53B30A]	03.07-	114524	14	180	A53						
		03.07-	116120	14	180	BO						
		03.07-	116121	14	180	A52	03.07-	114740	12	1.2		
		03.07-	116295	14	180	VA	03.07-	115574	12	1.2		
		03.07-	114524	14	180	A53						
	330 3.0 i Xdrive	(E90)[N53B30A]	09.08-12.11	114524	14	180	A53					
			09.08-12.11	116120	14	180	BO					
			09.08-12.11	116121	14	180	A52	09.08-12.11	114740	12	1.2	
			09.08-12.11	116295	14	180	VA	09.08-12.11	115574	12	1.2	
09.07-			114524	14	180	A53						
(E91)[N53B30A]	09.07-	116120	14	180	BO							
	09.07-	116121	14	180	A52	09.08-	114740	12	1.2			
	09.07-	116295	14	180	VA	09.08-	115574	12	1.2			
	09.08-	114524	14	180	A53							
	09.08-	116120	14	180	BO							
(E92)[N53B30A]	09.08-	116121	14	180	A52	09.08-	114740	12	1.2			
	09.08-	116295	14	180	VA	09.08-	115574	12	1.2			
	09.08-	114524	14	180	A53							
	09.08-	116120	14	180	BO							
	09.08-	116121	14	180	A52	09.08-	114740	12	1.2			
330 3.0 Xi	(E46)[M54B30 (306S3)] (E90)[N52B30A]	06.00-	111873#	14	80	06.00-	111911	12	1.4			
		01.05-12.11	114524	14	180	A53						
		01.05-12.11	115904	14	155							
		01.05-12.11	116120	14	180	BO						
		01.05-12.11	116121	14	180	A52	01.05-	114740	12	1.2		
01.05-12.11	116295	14	180	VA	01.05-12.11	115574	12	1.2				
[N53B30A]	09.07-12.11	114524	14	180	A53	09.07-12.11	115574	12	1.2			
	09.07-12.11	116120	14	180	BO							
	09.07-12.11	116121	14	180	A52	09.07-12.11	114740	12	1.2			
	09.07-12.11	116295	14	180	VA	09.07-12.11	115574	12	1.2			
	01.05-	114524	14	180	A53							
(E91)[N52B30A]	01.05-	115904	14	155								
	01.05-	116120	14	180	BO							
	01.05-	116121	14	180	A52	01.05-	114740	12	1.2			
	01.05-	116295	14	180	VA	01.05-	115574	12	1.2			
	09.07-	114524	14	180	A53							
[N53B30A]	09.07-	116120	14	180	BO							
	09.07-	116121	14	180	A52	09.07-	114740	12	1.2			
	09.07-	116295	14	180	VA	09.07-	115574	12	1.2			
	09.06-	114524	14	180	A53							
	09.06-	116120	14	180	BO							
(E92)[N52B30A]	09.06-	116121	14	180	A52	09.06-	114740	12	1.2			
	09.06-	116295	14	180	VA	09.06-	115574	12	1.2			
	09.06-	114524	14	180	A53							
	09.06-	116120	14	180	BO							
	09.06-	116121	14	180	A52	09.06-	114740	12	1.2			
[N53B30A]	09.06-	116295	14	180	VA	09.06-	115574	12	1.2			
	09.06-	114524	14	180	A53							
	09.06-	116120	14	180	BO							
	09.06-	116121	14	180	A52	09.06-	114740	12	1.2			
	09.06-	116295	14	180	VA	09.06-	115574	12	1.2			

BMW Continued

330 3.0 Diesel	(E46)[M57D30(306D2)]	03.03- 02.05	113881	14	150	03.03- 02.05	114072	12	2.0
						03.03-	113446	12	2.2
	(E90)[M57306D3]	09.05- 12.11	114720	14	150	09.05-	114091	12	1.8
	[M57D30TU2]	09.05- 12.11	114720	14	150	09.05- 12.11	114091	12	1.8
	[M57N2306D3]					A25 01.09- 12.11	115335	12	2.2
						01.09- 12.11	116059	12	2.2
						01.09- 12.11	114689	12	2.0
	[N57D30A]					A25 01.09- 12.11	115335	12	2.2
						01.09- 12.11	116059	12	2.2
						01.09-	114689	12	2.0
	(E91)[M57306D3]	09.05-	114720	14	150	09.05-	114091	12	1.8
	[M57N2306D3]					A25 01.09-	115335	12	2.2
						01.09-	116059	12	2.2
						01.09-	114689	12	2.0
	[N57D30A]					A25 01.09-	115335	12	2.2
						01.09-	116059	12	2.2
						01.09-	114689	12	2.0
	(E92)[M57306D3]	09.06-	114720	14	150	09.06-	114091	12	1.8
	[M57D30TU2]	09.06-	114720	14	150	09.06-	114091	12	1.8
	[M57N2306D3]					A25 01.09-	114335	12	2.5
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
[N57D30A]					A25 01.09-	115335	12	2.2	
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
(E93)[N57D30 (306D3)]					03.07-	114091	12	1.8	
[N57D30A]					A25 01.09-	115335	12	2.2	
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
[N57N306D3]					A25 01.09-	115335	12	2.2	
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
(F30, F35, F80)[N57D30A]					09.15-	115335	12	2.2	
					09.15-	116059	12	2.2	
(F31)[N57D30A]					09.15-	115335	12	2.2	
					09.15-	116059	12	2.2	
330 3.0 Diesel Gran Turismo	(F34)[N57D30A]				09.15-	115335	12	2.2	
					09.15-	116059	12	2.2	
330 3.0 Diesel Xdrive	(E46)[M57D30(306D2)]	03.03- 02.05	113881	14	150	03.03- 02.05	114072	12	2.0
						03.03-	113446	12	2.2
(E90)[M57306D3]	09.05- 12.11	114720	14	150	09.05-	114091	12	1.8	
[M57D30TU2]	09.05- 12.11	114720	14	150	09.05- 12.11	114091	12	1.8	
[N57D30A]					A25 01.09- 12.11	115335	12	2.2	
					01.09- 12.11	116059	12	2.2	
					01.09-	114689	12	2.0	
(E91)[M57306D3]	09.05-	114720	14	150	09.05-	114091	12	1.8	
[M57D30TU2]	09.05-	114720	14	150	09.05-	114091	12	1.8	
[N57D30A]					A25 01.09-	115335	12	2.2	
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
(E92)[M57306D3]	09.06-	114720	14	150	09.06-	114091	12	1.8	
[M57D30TU2]	09.06-	114720	14	150	09.06-	114091	12	1.8	
[M57N2306D3]					A25 01.09-	115335	12	2.2	
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
[N57D30A]					A25 01.09-	115335	12	2.2	
					01.09-	116059	12	2.2	
					01.09-	114689	12	2.0	
(F30, F35, F80)[N57D30A]					09.15-	115335	12	2.2	
					09.15-	116059	12	2.2	
(F31)[N57D30A]					09.15-	115335	12	2.2	
					09.15-	116059	12	2.2	
(F34)[N57D30A]					09.15-	115335	12	2.2	
					09.15-	116059	12	2.2	
335 3.0 i	(E90)[N54B30A]				A25 03.06- 12.11	115562	12	1.7	
					A44 09.06- 12.11	116464*	12	1.5	
					03.06- 12.11	114740	12	1.2	
					03.06- 12.11	115574	12	1.2	
[N55B30A]					A44 09.06- 12.11	116464*	12	1.5	
					09.06- 12.11	114740	12	1.2	
					09.06- 12.11	115574	12	1.2	
(E91)[N54B30A]					03.06- 05.12	114740	12	1.2	
					03.06- 05.12	115574	12	1.2	
[N55B30A]					03.06- 05.12	114740	12	1.2	
					03.06- 05.12	115574	12	1.2	
(E92)[N54B30A]					11.05- 06.13	114740	12	1.2	
					11.05- 06.13	115574	12	1.2	
[N55B30A]					11.05- 06.13	114740	12	1.2	
					11.05- 06.13	115574	12	1.2	
(E93)[N54B30A]					05.06- 10.13	114740	12	1.2	
					05.06- 10.13	115574	12	1.2	
[N54B30B]					03.07-	114740	12	1.2	
					03.07-	115574	12	1.2	
[N55B30A]					05.06- 10.13	114740	12	1.2	
					05.06- 10.13	115574	12	1.2	
(F30)[N55B30A]					A44 10.11-	116464*	12	1.5	
					10.11-	115562	12	1.7	
					10.11-	115574	12	1.2	
(F30, F35, F80)[N55B30A]					10.11- 07.13	115562	12	1.7	
					10.11- 07.13	115574	12	1.2	
(F31)[N55B30A]					AT 03.13-	116464*	12	1.5	
					01.12- 07.13	115562	12	1.7	
					01.12- 07.13	115574	12	1.2	
335 3.0 i Gran Turismo	(F34)[N55B30A]				AT 03.13-	116464*	12	1.5	
					03.13- 03.14	115562	12	1.7	
					03.13- 03.14	115574	12	1.2	



335 3.0 i Gran Turismo xDrive	(F34)[N55B30A]					AT 03.13-	116464*	12	1.5	
						03.13-	115574	12	1.2	
335 3.0 i Xdrive	(E90)[N54B30A]	09.08- 12.11	115804	14	180	05.08- 12.11	115574	12	1.2	
						05.08- 12.11	114740	12	1.2	
	[N55B30A]	09.08- 12.11	115804	14	180	05.08- 12.11	115574	12	1.2	
						05.08- 12.11	114740	12	1.2	
	(E91)[N54B30A]	09.08-	115804	14	180	05.08- 05.12	115574	12	1.2	
						05.08- 05.12	114740	12	1.2	
	[N55B30A]	09.08-	115804	14	180	05.08- 05.12	115574	12	1.2	
						05.08- 05.12	114740	12	1.2	
	(E92)[N54B30A]	09.08- 06.13	115804	14	180	09.08- 06.13	114740	12	1.2	
						09.08-	115574	12	1.2	
	[N55B30A]	09.08-	115804	14	180	09.08- 06.13	115574	12	1.2	
09.08- 06.13						114740	12	1.2		
(F30)[N55B30A]					A44 10.11-	116464*	12	1.5		
					10.11-	115574	12	1.2		
(F30, F35, F80)[N55B30A]					10.11- 07.13	115562	12	1.7		
					10.11- 07.13	115574	12	1.2		
(F31)[N55B30A]					AT 03.13-	116464*	12	1.5		
					01.12- 07.13	115562	12	1.7		
					01.12- 07.13	115574	12	1.2		
(F34)[N55B30A]					03.13- 03.14	115562	12	1.7		
					03.13- 03.14	115574	12	1.2		
335 3.0 Xi	(E90)[N54B30A]	09.07- 12.11	115804	14	180	09.07- 12.11	114740	12	1.2	
						09.07- 12.11	115574	12	1.2	
	[N55B30A]	09.07- 12.11	115804	14	180	09.07- 12.11	115574	12	1.2	
						09.07- 12.11	114740	12	1.2	
	(E91)[N54B30A]	03.07-	115804	14	180	03.07-	115574	12	1.2	
						03.07-	114740	12	1.2	
[N55B30A]					09.07-	114740	12	1.2		
					09.07-	115574	12	1.2		
(E92)[N54B30A]	09.06- 02.10	115804	14	180	09.06- 02.10	114740	12	1.2		
					09.06-	114740	12	1.2		
335 3.0 Diesel	(E90)[M57D30 (306D5)]	09.06- 12.11	113896	14	170	A49				
						09.06- 12.11	115860	14	150	
	(E91)[M57D30 (306D5)]	09.06-	115860	14	150	09.06-	114091	12	1.8	
						09.06-	114091	12	1.8	
	(E92)[M57D30 (306D5)]	09.06-	114720	14	150	09.06-	114091	12	1.8	
09.06-						115860	14	150		
335 3.0 Diesel xDrive	(F30)[N57D30B]					09.06-	114091	12	1.8	
418 2.0 Diesel	(F32, F82)[B47D20A]					07.13-	115335	12	2.2	
418 2.0 Diesel Gran Coupe	(F36)[B47D20A] [N47D20C]					07.13-	116059	12	2.2	
						03.15-	116273	12	1.8	
						03.14-	116273	12	1.8	
420 2.0 i	(F32)[N20B20B]	11.13-	116220	14	170	11.13-	116259	12	2.1	
						11.13-	115562	12	1.7	
	(F32, F82)[N20B20B]	11.13-	116220	14	170	11.13-	115562	12	1.7	
						11.13-	116442*	14	210	
	(F33, F83)[N20B20B]	07.14-	116220	14	170	07.14-	116259	12	2.1	
07.14-						116442*	14	210		
420 2.0 i Gran Coupe	(F36)[N20B20B]	03.14-	116220	14	170	03.14-	116259	12	2.1	
						03.14-	116442*	14	210	
420 2.0 i xDrive	(F32)[N20B20B]	11.13-	116220	14	170	11.13-	116259	12	2.1	
						11.13-	115562	12	1.7	
	(F32, F82)[N20B20B]	11.13-	116220	14	170	11.13-	115562	12	1.7	
						11.13-	116442*	14	210	
	(F36)[N20B20B]	07.14-	116220	14	170	07.14-	115562	12	1.7	
07.14-						116442*	14	210		
420 2.0 Diesel	(F32)[N47D20C]					07.13-	115558	12	1.4	
						07.13-	116273	12	1.8	
	(F32, F82)[B47D20A] [N47D20C]						07.13- 03.15	115335	12	2.2
							07.13- 03.15	115558	12	1.4
	(F32, F82)[B47D20A] [N47D20C]						07.13- 03.15	116059	12	2.2
							07.13-	116273	12	1.8
	(F33)[N47D20C]						10.13-	115335	12	2.2
							10.13-	115558	12	1.4
	(F33, F83)[B47D20A] [N47D20C]						10.13-	116059	12	2.2
							10.13-	116273	12	1.8
(F33, F83)[B47D20A] [N47D20C]						10.13-	116273	12	1.8	
						10.13-	115335	12	2.2	
(F33, F83)[B47D20A] [N47D20C]						10.13-	115558	12	1.4	
						10.13-	116059	12	2.2	
(F33, F83)[B47D20A] [N47D20C]						10.13-	116273	12	1.8	
						10.13-	116273	12	1.8	
420 2.0 Diesel Gran Coupe	(F36)[B47D20A] [N47D20C]					03.14-	116273	12	1.8	
420 2.0 Diesel xDrive	(F32)[N47D20C]					03.14- 03.15	115558	12	1.4	
						03.14-	116273	12	1.8	
						11.13-	115335	12	2.2	
(F32, F82)[B47D20A] [N47D20C]						11.13-	115558	12	1.4	
						11.13-	116059	12	2.2	
(F32, F82)[B47D20A] [N47D20C]						11.13-	116059	12	2.2	
						11.13-	116273	12	1.8	
(F36)[N47D20C]						03.14-	115558	12	1.4	
						03.14-	116273	12	1.8	
420 2.0 Diesel xDrive Gran Coupe	(F36)[B47D20A] [N47D20C]					03.14- 03.15	115558	12	1.4	
425 2.0 Diesel	(F32, F82)[N47D20D]					01.14-	115335	12	2.2	
						01.14-	115558	12	1.4	
(F33, F83)[N47D20D]						01.14-	116059	12	2.2	
						07.14-	115335	12	2.2	
(F33, F83)[N47D20D]						07.14-	115558	12	1.4	
						07.14-	116059	12	2.2	
428 2.0 i	(F32)[N20B20A]	07.13-	116220	14	170	07.13-	116259	12	2.1	
						07.13-	115562	12	1.7	
(F33)[N20B20A]		10.13-	116220	14	170	10.13-	116259	12	2.1	
						10.13-	115562	12	1.7	

STARTERS & ALTERNATORS



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	[N26B20A]	10.13-	116220	14	170		10.13-	116259	12	2.1
428 2.0 i Gran Coupe	(F36)[N20B20A]	03.14-	116220	14	170		03.14-	115562	12	1.7
428 2.0 i xDrive	(F32)[N20B20A]	07.13-	116220	14	170		07.13-	116259	12	2.1
	(F33, F83)[N20B20A]	01.14-	116220	14	170		07.13-	115562	12	1.7
430 3.0 Diesel	(F36)[N20B20A]	03.14-	116220	14	170		01.14-	115562	12	1.7
	(F32)[N57D30A]	11.13-	115335				03.14-	115562	12	1.7
435 3.0 i	(F32)[N54B30A]	11.13-	116059		A49					
	[N55B30A]						AT 07.13-	116464*	12	1.5
	(F32, F82)[N55B30A]						07.13-	115574	12	1.2
	(F33)[N55B30A]						AT 07.13-	116464*	12	1.5
	(F33, F83)[N55B30A]						07.13-	115574	12	1.2
							07.13-	115562	12	1.7
435 3.0 i Gran Coupe	(F36)[N55B30A]						AT 10.13-	116464*	12	1.5
							10.13-	115562	12	1.7
435 3.0 i xDrive	(F32)[N55B30A]						10.13-	115574	12	1.2
	(F32, F82)[N55B30A]						A25 10.13-	115562	12	1.7
435 3.0 i xDrive Gran Coupe	(F36)[N55B30A]						10.13-	115574	12	1.2
							A25 03.14-	115562	12	1.7
							AT 03.14-	116464*	12	1.5
							03.14-	115562	12	1.7
							AT 07.13-	116464*	12	1.5
							07.13-	115574	12	1.2
435 3.0 Diesel xDrive	(F32)[N57D30B]						A25 07.13-	115562	12	1.7
							07.13-	115574	12	1.2
							A25 07.14-	115562	12	1.7
518 1.8	(E12)[M10B18]	07.74- 01.78	112310	14	55		AT 07.14-	116464*	12	1.5
	(E28)[M10B18]	08.75- 05.81	110877	14	65		07.14-	115562	12	1.7
518 1.8 i	(E34)[M40B18]	09.82- 08.84	110877	14	65		07.14-	115574	12	1.2
	[M43B18]	05.94- 01.97	111946	14	80		AT 07.14-	116464*	12	1.5
518 1.8 i	(E34)[M43B18]	05.94-	111946	14	80		07.14-	115562	12	1.7
							07.14-	115574	12	1.2
518 2.0 i	(E12)[M10B20]	08.77- 09.79	110877	14	65		AT 07.14-	116464*	12	1.5
518 2.0 Diesel	(F10)[N47D20C]						07.14-	115562	12	1.7
	(F10, F18)[B47D20A]						07.14-	115574	12	1.2
	[N47D20C]						A25 07.14-	115562	12	1.7
	(F11)[B47D20A]						07.14-	115574	12	1.2
	[N47D20C]						07.14-	115562	12	1.7
							07.14-	115574	12	1.2
							07.14-	115562	12	1.7
							07.14-	115574	12	1.2
520 1.6 i	(F10, F18)[N20B16A]	11.15-	116220	14	170		AT 07.14-	116464*	12	1.5
520 2.0	(E12)[M10B20]						07.14-	115562	12	1.7
520 2.0 i 24V	(E34)[M50B20]	09.91- 09.95	112687	14	80		07.14-	115574	12	1.2
520 2.0 i	(E12)[M10B20]	10.75- 08.77	110877	14	65		08.77- 09.79	110772	12	1.0
	(E34)[M20B20]						08.77- 09.79	110772	12	1.0
	[M50B20]	11.91-	112687	14	80		01.13-	115335	12	2.2
	(E39)[M52B20]	01.96- 09.00	111873#	14	80		01.13-	116059	12	2.2
	[M52B206S3]	01.96- 09.00	112193	14	120		01.13-	115335	12	2.2
	[M52B206S4]	09.95- 06.03	111873#	14	80		01.13-	115558	12	1.4
	(E60)[M54B22(226S1)]	09.95- 06.03	112193	14	120		01.13-	116059	12	2.2
	[N46B20B]	01.96- 09.00	112193	14	120		01.13-	115335	12	2.2
520 2.0 i Touring	(E60)[M54B22(226S1)]	07.03-	113858	14	150	A49	01.13-	115558	12	1.4
	[N46B20B]	07.03-	115976	14	150		01.13-	116059	12	2.2
	(E61)[N43B20A]	04.06- 12.09	113871	14	150	A49	01.13-	115335	12	2.2
	(F10)[N20B20A]	04.06- 12.09	115867	14	150		01.13-	116059	12	2.2
	(F11)[N20B20A]						01.13-	116273	12	1.8
	[N20B20B]						01.13-	115335	12	2.2
							01.13-	116059	12	2.2
							01.13-	116273	12	1.8
							01.13-	115335	12	2.2
							01.13-	116059	12	2.2
							01.13-	116273	12	1.8
							01.13-	115335	12	2.2
520 2.0 Diesel	(E39)[M47204D1]	02.00- 09.03	112462	14	120		01.13-	116059	12	2.2
	[M47D20]	02.00- 09.03	112468	14	150		01.13-	116273	12	1.8
	[M47D20]	02.00- 12.02	112462	14	120		01.13-	115335	12	2.2
	(E60)[M47D20 (204D4)]	02.00- 12.02	112468	14	150		01.13-	116059	12	2.2
		07.05-	113896	14	170	A49	01.13-	116273	12	1.8
		07.05-	115860	14	150		01.13-	115335	12	2.2
520 2.0 i	[N47D20A]	07.05-	116158	14	170		01.13-	116059	12	2.2
		07.05-	113896	14	170	A49	01.13-	114091	12	1.8
		07.05-	115860	14	150		07.05-	114689	12	2.0
		07.05-	116158	14	170		A25 09.07-	115335	12	2.2
		07.05-	114292	14	180		A25 09.07-	116059	12	2.2
		09.07-	114292	14	180		07.05-	114091	12	1.8



	[N47D20C]	07.05- 07.05- 07.05- 09.07-	113896 115860 116158 114292	14 170 A49 14 150 14 170 14 180		07.05- 09.07- A25 09.07-	114091 114689 115335	12 1.8 12 2.0 12 2.2
	(E61)[M47D20 (204D4)]	09.05- 09.05- 09.05-	113896 115860 116158	14 170 A49 14 150 14 170		09.05-	114091	12 1.8
	[M47D20(204D4)]	07.05- 07.05- 07.05-	113896 115860 116158	14 170 A49 14 150 14 170		07.05-	114091	12 1.8
	[N47D20A]	07.05- 07.05- 07.05-	113896 115860 116158	14 170 A49 14 150 14 170		A25 09.07- A25 09.07- 07.05- 09.07-	116059 115335 114091 114689	12 2.2 A49 12 2.2 12 1.8 12 2.0
	[N47D20C]	07.05- 07.05- 07.05-	113896 115860 116158	14 170 A49 14 150 14 170		07.05- A25 09.07- A25 09.07- 09.07-	114091 115335 116059 114689	12 1.8 12 2.2 12 2.2 A49 12 2.0
	(F10)[B47D20A]					10.13- 10.16	116273	12 1.8
	[N47D20C]	03.10- 10.16 03.10- 10.16	115581 116348*	14 180 A49 14 180		01.13- 10.16 01.13- 10.16 03.10- 01.13- 10.16	115558 116059 114689 115335	12 1.4 12 2.2 12 2.0 12 2.2
	(F10, F18)[B47D20A]					03.10-	116273	12 1.8
	[N47D20C]					03.10-	116273	12 1.8
	(F11)[B47D20A]					04.10-	116273	12 1.8
	[N47D20C]	02.09- 10.16 02.09- 10.16	115581 116348*	14 180 A49 14 180		02.09- 10.16 02.09- 10.16 09.10- 02.09- 10.16 04.10-	115558 116059 114689 115335 116273	12 1.4 12 2.2 12 2.0 12 2.2 12 1.8
520 2.0 Diesel Gran Turismo	(F07)[N47D20C]					03.10- 03.10- 03.10-	115335 115558 116059	12 2.2 12 1.4 12 2.2 A49
520 2.0 Diesel Touring	(F11)[B47D20A]					07.14- 10.16	116273	12 1.8
520 2.0 Diesel xDrive	(F10)[B47D20A]					10.13- 10.16	116273	12 1.8
	[N47D20C]					01.13- 06.14 01.13- 06.14 01.13- 06.14	115335 115558 116059	12 2.2 12 1.4 12 2.2 A49
	(F10, F18)[B47D20A]					02.13-	116273	12 1.8
	[N47D20C]					02.13-	116273	12 1.8
	(F11)[B47D20A]					02.13-	116273	12 1.8
	[N47D20C]					02.13- 07.14 02.13- 07.14 02.13- 07.14 02.13- 07.14	115335 115558 116059 116273	12 2.2 12 1.4 12 2.2 A49 12 1.8
520 2.0 Diesel xDrive Touring	(F11)[B47D20A]					07.14- 10.16	116273	12 1.8
520 2.2 i	(E39)[M54B22(226S1)]	09.00-	111873#	14 80		09.00-	111911	12 1.4
523 2.5 i	(E39)[M52B25 (256S3)]	11.95- 09.00 11.95- 09.00	111873# 112193	14 80 14 120		11.95- 09.00	111911	12 1.4
	[M52B25TU]	11.95- 09.00	112193	14 120		11.95- 09.00	111911	12 1.4
	(E60)[N52B25]	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA		07.05- 07.05- 07.05- 07.05-	114740 115574	12 1.2 12 1.2
	[N52B25A]	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA		07.05- 07.05- 07.05- 07.05-	114740 115574	12 1.2 12 1.2
	[N53B25A]	01.07- 03.10 01.07- 03.10 01.07- 03.10 01.07- 03.10	114524 116012 116120 116121 116295	14 180 A53 14 150 14 180 BO 14 180 A52 14 180 VA		01.07- 03.10 01.07- 03.10	114740 115574	12 1.2 12 1.2
	(E61)[N52B25]	07.05- 07.05- 07.05- 07.05- 07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA		07.05- 07.05- 07.05- 07.05-	114740 115574	12 1.2 12 1.2
	[N52B25A]	07.05- 01.07- 01.07- 01.07- 01.07-	115904 114524 116120 116121 116295	14 155 14 180 A53 14 180 BO 14 180 A52 14 180 VA		07.05- 07.05-	114740 115574	12 1.2 12 1.2
	[N53B25A]	01.07- 12.10 01.07- 12.10 01.07- 12.10 01.07- 12.10	114524 116012 116120 116121 116295	14 180 A53 14 150 14 180 BO 14 180 A52 14 180 VA		01.07- 12.10	114740	12 1.2
	(F11)[N52B25A]					04.10- 12.11	115574	12 1.2
523 3.0 i	(F10)[N53B30A]					03.10- 03.10-	114740 115574	12 1.2 12 1.2
	(F11)[N53B30A]					09.10- 09.10-	114740 115574	12 1.2 12 1.2
524 2.4 Diesel	(E28)[M21D24WA]					03.86- 12.87	112533	12 2.2
524 2.4 TD	(E28)[M21D24 (246TA)]					09.83- 12.87	112533	12 2.2
	[M21D24WA]					09.83- 12.87	112533	12 2.2
	(E34)[M21D24]					03.88- 09.95	112533	12 2.2
525 2.0 Diesel	(F10)[N47D20D]	09.11- 09.11-	115581 116348*	14 180 A49 14 180		A25 09.11- A25 09.11-	115335 116059	12 2.2 12 2.2 A49
	(F11)[B47D20A]	09.11- 09.11-	115581 116348*	14 180 14 180		09.11- 09.11-	115558 116059 115335	12 1.4 12 2.2 12 2.2



Application list

BMW Continued

	[N47D20D]	09.11-09.11-	115581 116348*	14 180 A49 14 180	09.11-09.11-09.11-	115558 116059 115335	12 1.4 12 2.2 A49 12 2.2
525 2.0 Diesel xDrive	(F10)[N47D20D]	09.11-09.11-	115581 116348*	14 180 A49 14 180	09.11-09.11-	115335 116059	12 2.2 12 2.2 A49
	(F11)[B47D20A]				09.11-09.11-	115335 115558 116059	12 2.2 12 1.4 12 2.2
	[N47D20D]	09.11-09.11-	115581 116348*	14 180 A49 14 180	09.11-09.11-	115558 116059 115335	12 1.4 12 2.2 A49 12 2.2
525 2.5	(E12)[M30B25]				08.73-08.79	110772	12 1.0
525 2.5 i 24V	(E34)[M50B25]	09.91-09.95	112687	14 80	09.89-09.95	114118	12 1.4
	[M50B25 (256S2)]	09.91-09.95	112687	14 80	09.89-09.95	114118	12 1.4
	[M52B25]	09.91-09.95	112687	14 80	09.89-09.95	114118	12 1.4
525 2.5 i	(E34)[M20B25]				01.88-08.91	111400	12 1.4
	[M20B25 (256K1)]				01.88-08.91	111400	12 1.4
	[M50B25]	11.91-	112687	14 80	11.91-01.97	114118	12 1.4
	[M50B25 (256S1)]				11.91-01.97	111911	12 1.4
	[M50B25 (256S2)]				11.91-01.97	114118	12 1.4
	[M50B25TU]				11.91-01.97	111911	12 1.4
	(E39)[M54256S5]	09.00-	111873#	14 80	11.91-01.97	114118	12 1.4
	[M54B25]				09.00-06.03	111911	12 1.4
	[M54B25 (256S5)]	09.00-	111873#	14 80	09.00-06.03	111911	12 1.4
	(E60)[M54B25256S5]	09.03-09.03-	113858 115976	14 150 A49 14 150	09.03-03.05	111911	12 1.4
	[N52B25]	07.05-07.05-07.05-07.05-07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA	07.05-07.05-	114740 115574	12 1.2 12 1.2
	[N52B25A]	07.05-07.05-07.05-07.05-07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA	07.05-07.05-	115574 114740	12 1.2 12 1.2
	(E61)[M54B25 (256S5)]	06.04-06.04-	113858 115976	14 150 A49 14 150	06.04-03.05	111911	12 1.4
	[N52B25]	07.05-07.05-07.05-07.05-07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA	07.05-07.05-	114740 115574	12 1.2 12 1.2
	[N52B25A]	07.05-12.10-07.05-07.05-12.10-07.05-12.10-07.05-12.10-07.05-12.10-	114524 115904 116012 116120 116121 116295	14 180 14 155 14 150 14 180 14 180 14 180	07.05-12.10-07.05-12.10-	114740 115574	12 1.2 12 1.2
525 2.5 i Xdrive	(E60)[N53B30A]	09.08-09.08-09.08-09.08-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA			
525 2.5 iX 24V	(E34)[M52B25]	10.92-09.95	112687	14 80	10.91-09.95	114118	12 1.4
525 2.5 iX	(E34)[M50B25]	02.92-	112687	14 80	02.92-01.97-02.92-01.97-02.92-01.97-	114118 111911 111911 114118	12 1.4 12 1.4 12 1.4 12 1.4
	[M52B25]				02.92-01.97-	111911 114118	12 1.4 12 1.4
525 2.5 Xi	(E60)[N52B25A]	07.05-07.05-07.05-07.05-07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA	07.05-07.05-	114740 115574	12 1.2 12 1.2
	(E61)[N52B25A]	07.05-07.05-07.05-07.05-07.05-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA	07.05-07.05-	114740 115574	12 1.2 12 1.2
525 2.5 Diesel	(E39)[M57D25]	02.00-02.00-	112462 112468	14 120 14 150	02.00-	113446	12 2.2
	[M57D25 (256D1)]	02.00-05.04-02.00-05.04-	112462 112468	14 120 14 150	02.00-05.04-	113446	12 2.2
	(E60)[M57D25 (256D1)]	12.04-12.04-12.04-	113896 115860 116158	14 170 A49 14 150 14 170	12.04-12.04-	113446 114072	12 2.2 12 2.0
	[M57D25TU]	06.04-06.04-06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04-06.04-	113446 114072	12 2.2 12 2.0
	[M57N256D4]	06.04-06.04-06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04-06.04-	113446 114072	12 2.2 12 2.0
	(E61)[M57D25TU]	06.04-06.04-06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04-06.04-	113446 114072	12 2.2 12 2.0
	[M57N256D4]	06.04-06.04-06.04-	113896 115860 116158	14 170 A49 14 150 14 170	06.04-06.04-	113446 114072	12 2.2 12 2.0
525 2.5 TD	(E34)[M51D25]	09.91-12.95-03.93-12.95-	111788 112800	14 105 14 95	03.93-12.95-04.93-09.95-	112533 113446	12 2.2 12 2.2
	(E39)[M51D25(256T1)]	01.96-	111947	14 95	01.97-09.00-	112533	12 2.2
525 2.5 TDS	(E34)[M51D25]	09.91-12.95-09.91-01.97-	111788 112800	14 105 14 95	09.91-01.97-	112533	12 2.2
	(E39)[M51D25]	01.96-	111947	14 95	01.96-09.00-	112533	12 2.2



	[M51D25(256T1)]	03.97- 05.04	111947	14	95		06.98- 09.00	112533	12	2.2
525 2.7 E	(E28)[M20B27]						01.87- 12.87	111400	12	1.4
	[M20B27 (276EB)]						01.87- 12.87	111400	12	1.4
	[M20B27 (276KA)]						01.87- 12.87	111400	12	1.4
525 3.0 i	(E60)[N53B30]	01.07-	114524	14	180 A53					
		01.07-	116012	14	150					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA		01.07-	114740	12	1.2
	[N53B30A]	01.07-	114524	14	180 A53					
		01.07-	116012	14	150					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA		01.07-	114740	12	1.2
	(E61)[N53B30]	01.07-	114524	14	180 A53					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA		01.07-	114740	12	1.2
	[N53B30A]	01.07-	114524	14	180 A53					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA		01.07-	114740	12	1.2
525 3.0 i Xdrive	(E61)[N53B30A]	09.08-	114524	14	180 A53					
		09.08-	116120	14	180 BO					
		09.08-	116121	14	180 A52					
		09.08-	116295	14	180 VA					
525 3.0 Xi	(E60)[N53B30A]	01.07-	114524	14	180 A53					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA					
	(E61)[N52B30A]	01.07-	114524	14	180 A53					
		01.07-	116012	14	150					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA		01.07-	114740	12	1.2
	[N53B30A]	01.07-	114524	14	180 A53					
		01.07-	116012	14	150					
		01.07-	116120	14	180 BO					
		01.07-	116121	14	180 A52					
		01.07-	116295	14	180 VA		01.07-	114740	12	1.2
525 3.0 Diesel	(E60)[M57306D3]	01.07-	113896	14	170 A49		01.07-	114127	12	1.6 A49
		01.07-	116158	14	170		01.07-	116160	12	1.6
							01.07-	114091	12	1.8
	(E61)[M57D30 (306D3)]	01.07-	113896	14	170 A49					
		01.07-	116158	14	170		01.07-	114091	12	1.8
	(F10)[N57D30A]	02.10-	116138*	14	230					
		02.10-	116348*	14	180		03.10-	114689	12	2.0
		03.10-	115581	14	180 A49					
		03.10-	115960	14	180					
	(F11)[N57D30A]	09.10-	115581	14	180 A49					
		09.10-	116138*	14	230					
		09.10-	116348*	14	180		09.10-	114689	12	2.0
525 3.0 Diesel Xdrive	(E60)[M57306D3]	01.07-	113896	14	170 A49					
		01.07-	116158	14	170		01.07-	114091	12	1.8
	[M57D30 (306D3)]	09.08-	113896	14	170 A49					
		09.08-	116158	14	170		09.08-	114091	12	1.8
	(E61)[M57D30 (306D3)]	09.08-	113896	14	170 A49					
		09.08-	116158	14	170		09.08-	114091	12	1.8
	[N57306D3]	01.07-	113896	14	170 A49					
		01.07-	116158	14	170		01.07-	114091	12	1.8
528 2.0 i	(F10)[N20B20A]	09.11-	116220	14	170		09.11-	115562	12	1.7
	(F11)[N20B20A]	09.11-	116220	14	170		09.11-	115562	12	1.7
528 2.0 i xDrive	(F10)[N20B20A]	09.11-	116220	14	170		09.11-	115562	12	1.7
	(F11)[N20B20A]	09.11-	116220	14	170		09.11-	115562	12	1.7
528 2.8	(E12)[M30B28]						01.75- 08.77	110772	12	1.0
528 2.8 i	(E12)[M30B28]						04.77- 08.79	110772	12	1.0
	(E39)[M52B28]	11.95-	111873#	14	80					
		11.95-	112193	14	120		11.95-	111911	12	1.4
	[M52B28 (286S1)]	11.95- 09.00	112193	14	120		11.95- 09.00	111911	12	1.4
	[M52B28 (286S2)]	11.95- 09.00	112193	14	120		11.95- 09.00	111911	12	1.4
	[M52B28TU]	11.95- 09.00	112193	14	120		11.95- 09.00	111911	12	1.4
528 3.0 i	(F10)[N53B30A]						03.10-	114740	12	1.2
							03.10-	115574	12	1.2
	(F11)[N53B30A]						09.10-	114740	12	1.2
							09.10-	115574	12	1.2
530 2.9 Diesel	(E39)[M57D30 (306D1)]	08.98-	112462	14	120		08.98- 09.00	113446	12	2.2
		08.98-	112468	14	150		08.98- 05.04	115506	12	2.0 A49
530 2.9 TD	(E39)[M57D30 (306D1)]	08.98-	112462	14	120		08.98- 09.00	113446	12	2.2
		08.98-	112468	14	150		08.98- 05.04	115506	12	2.0 A49
530 3.0 i V8	(E34)[M60B30]						09.92- 01.97	112553	12	1.7
	[M60B30 (308S1)]						09.92- 09.95	112553	12	1.7
530 3.0 i	(E34)[M30B30]						01.88- 08.91	112172	12	1.6
	(E39)[M54306S3]						09.00- 06.03	111911	12	1.4
	[M54B30]	09.00-	111873#	14	80		09.00-	111911	12	1.4
	[M54B30 (306S3)]	09.00-	111873#	14	80		09.00-	111911	12	1.4
	(E60)[M54B30 (306S3)]	07.03-	113858	14	150 A49					
		07.03-	115976	14	150		07.03- 03.05	111911	12	1.4
	[N52B30]	07.05-	115904	14	155		07.05-	115574	12	1.2
							07.05-	114526	12	2.0
							07.05-	114740	12	1.2
	[N52B30A]	07.05- 03.10	114524	14	180 A53		07.05- 03.10	114740	12	1.2
		07.05-	115904	14	155					
		07.05- 03.10	116120	14	180 BO					
		07.05- 03.10	116121	14	180 A52					
		07.05- 03.10	116295	14	180 VA		07.05-	115574	12	1.2
		01.07- 03.10	116012	14	150					



Application list

BMW Continued

	[N52B30B]	01.07- 03.10	114524	14 180 A53				
		01.07- 03.10	116012	14 150				
		01.07- 03.10	116120	14 180 BO				
		01.07- 03.10	116121	14 180 A52				
		01.07- 03.10	116295	14 180 VA	01.07- 03.10	114740	12	1.2
	[N52B30BF]	01.07- 03.10	114524	14 180 A53				
		01.07- 03.10	116012	14 150				
		01.07- 03.10	116120	14 180 BO				
		01.07- 03.10	116121	14 180 A52				
		01.07- 03.10	116295	14 180 VA	01.07- 03.10	114740	12	1.2
	[N53B30A]	01.07-	114524	14 180 A53				
		01.07-	116120	14 180 BO				
		01.07-	116121	14 180 A52				
		01.07-	116295	14 180 VA				
	(E61)[N52B30]	07.05-	114524	14 180 A53				
		07.05-	115904	14 155				
		07.05-	116120	14 180 BO				
		07.05-	116121	14 180 A52	07.05-	114740	12	1.2
		07.05-	116295	14 180 VA	07.05-	115574	12	1.2
	[N52B30A]	07.05- 12.10	114524	14 180 A53				
	07.05-	115904	14 155					
	07.05- 12.10	116120	14 180 BO					
	07.05- 12.10	116121	14 180 A52	07.05-	115574	12	1.2	
	07.05- 12.10	116295	14 180 VA	07.05- 12.10	114740	12	1.2	
	01.07- 12.10	116012	14 150					
[N53B30A]	09.06- 09.08	116012	14 150					
	09.06- 09.08	116120	14 180 BO					
	09.06- 09.08	116121	14 180 A52					
	01.07-	114524	14 180 A53					
	01.07-	115904	14 155					
	01.07-	116295	14 180 VA	09.06- 09.08	114740	12	1.2	
(F10)[N53B30A]				09.11-	115574	12	1.2	
(F11)[N53B30A]				09.11-	115574	12	1.2	
530 3.0 i Xdrive	(E60)[N52B30A]	09.08-	114524	14 180 A53				
		09.08-	116120	14 180 BO				
		09.08-	116121	14 180 A52				
		09.08-	116295	14 180 VA	09.08-	114740	12 1.2	
	[N53B30A]	09.08-	114524	14 180 A53				
		09.08-	116120	14 180 BO				
		09.08-	116121	14 180 A52				
		09.08-	116295	14 180 VA	09.08-	114740	12 1.2	
	(E61)[N52B30A]	09.08-	114524	14 180 A53				
		09.08-	116120	14 180 BO				
		09.08-	116121	14 180 A52				
		09.08-	116295	14 180 VA	09.08-	114740	12 1.2	
	[N53B30A]	09.08-	114524	14 180 A53				
		09.08-	116120	14 180 BO				
		09.08-	116121	14 180 A52				
		09.08-	116295	14 180 VA	09.08-	114740	12 1.2	
530 3.0 Xi	(E60)[N52B30A]	07.05-	115904	14 155				
		01.07-	114524	14 180 A53				
		01.07-	116120	14 180 BO				
		01.07-	116121	14 180 A52	07.05-	115574	12 1.2	
		01.07-	116295	14 180 VA	07.05-	114740	12 1.2	
	[N53B30A]	01.07-	114524	14 180 A53				
		01.07-	116120	14 180 BO				
		01.07-	116121	14 180 A52				
		01.07-	116295	14 180 VA	01.07-	114740	12 1.2	
	(E61)[N52B30A]	07.05-	114524	14 180 A53				
		07.05-	115904	14 155				
		07.05-	116120	14 180 BO				
		07.05-	116121	14 180 A52	07.05-	115574	12 1.2	
		07.05-	116295	14 180 VA	07.05-	114740	12 1.2	
	[N53B30A]	01.07-	114524	14 180 A53				
		01.07-	116120	14 180 BO				
		01.07-	116121	14 180 A52				
		01.07-	116295	14 180 VA	01.07-	114740	12 1.2	
530 3.0 Diesel	(E60)[M57306D3]	07.03-	113896	14 170 A49				
		07.03-	115860	14 150				
		07.03-	116158	14 170	07.03-	114091	12 1.8	
	[M57D30 (306D2)]	07.03- 03.10	113896	14 170 A49				
		07.03- 03.10	115860	14 150				
		07.03- 03.10	116158	14 170	07.03- 03.10	114072	12 2.0	
	[M57D30 (306D3)]	07.03- 03.10	113896	14 170 A49	01.07-	116160	12 1.6	
		07.03- 03.10	115860	14 150	01.07-	114127	12 1.6 A49	
		07.03- 03.10	116158	14 170	07.03- 03.10	114072	12 2.0	
					01.07-	114091	12 1.8	
	(E61)[M57306D3]	07.05-	113896	14 170 A49				
		07.05-	115860	14 150				
		07.05-	116158	14 170	07.05-	114091	12 1.8	
	[M57D30 (306D2)]	06.04-	113896	14 170 A49				
		06.04-	115860	14 150	06.04-	113446	12 2.2	
		06.04-	116158	14 170	06.04-	114072	12 2.0	
	[M57D30 (306D3)]	11.05-	113896	14 170 A49				
		11.05-	115860	14 150				
		11.05-	116158	14 170	11.05-	114091	12 1.8	
	(F10)[N57D30A]	12.09-	116138*	14 230				
		12.09-	116348*	14 180	03.10-	114689	12 2.0	
		03.10-	115581	14 180 A49				
		03.10-	115960	14 180				
	(F10, F18)[N57D30A]				10.15-	116001	12 2.0	
	(F11)[N57D30A]	09.10-	115581	14 180 A49	09.11-	115335	12 2.2	
		09.10-	116138*	14 230	09.11-	116059	12 2.2 A49	
		09.10-	116348*	14 180	10.15-	116001	12 2.0	
		09.11-	115960	14 180	09.10-	114689	12 2.0	
530 3.0 Diesel Gran Turismo	(F07)[N57D30A]	10.09-	115960	14 180				
		10.09-	116138*	14 230	10.09-	114689	12 2.0	



530 3.0 Diesel Xdrive	(E60)[M57306D3]	07.05-	113896	14 170 A49				
		07.05-	115860	14 150				
		07.05-	116158	14 170		07.05-	114091	12 1.8
	[M57D30 (306D3)]	01.07-	113896	14 170 A49		01.07-	116160	12 1.6
		01.07-	116158	14 170		01.07-	114091	12 1.8
						01.07-	114127	12 1.6 A49
	(E61)[M57306D3]	07.05-	113896	14 170 A49				
			115860	14 150				
			116158	14 170		07.05-	114091	12 1.8
		[M57D30 (306D3)]	09.08-	113896	14 170 A49			
09.08-			116158	14 170		09.08-	114091	12 1.8
(F07GT)[N57D30A]		09.10-	115960	14 180				
		09.10-	116138*	14 230		09.10-	114689	12 2.0
(F10)[N57D30A]					A25 09.11-	115335	12 2.2	
					09.11-	116059	12 2.2 A49	
				09.11-	114689	12 2.0		
(F10, F18)[N57D30A]				10.15-	116001	12 2.0		
(F11)[N57D30A]				10.15-	116001	12 2.0		
535 3.0 xDrive	(F07GT)[N55B30A]				A25 09.10-	116464*	12 1.5	
					09.10-	114740	12 1.2	
					09.10-	115574	12 1.2	
535 3.0 i	(F10, F18)[N55B30A]				03.10-	114740	12 1.2	
					03.10-	115562	12 1.7	
					AT 09.10-	116464*	12 1.5	
				10.15-	114740	12 1.2		
				10.15-	115562	12 1.7		
535 3.0 i Gran Turismo	(F07)[N55B30A]				A25 10.09-	116464*	12 1.5	
535 3.0 i xDrive	(F10)[N55B30A]							
					03.11-	116464*	12 1.5	
	(F10, F18)[N55B30A]					03.10-	115562	12 1.7
					A25 09.11-	115562	12 1.7	
				10.15-	115562	12 1.7		
				09.11-	116464*	12 1.5		
535 3.0 Diesel	(E60)[M57D30 (306D4)]	09.04-	113896	14 170 A49				
		09.04-	115860	14 150		09.04-	113446	12 2.2
		09.04-	116158	14 170		09.04-	114072	12 2.0
	[M57D30 (306D5)]	01.07-	113896	14 170 A49				
		01.07-	116158	14 170		01.07-	114091	12 1.8
	(E61)[M57D30 (306D4)]	09.04-	113896	14 170 A49				
		09.04-	115860	14 150		09.04-	113446	12 2.2
		09.04-	116158	14 170		09.04-	114072	12 2.0
	[M57D30 (306D5)]	01.07-	113896	14 170 A49				
		01.07-	116158	14 170		01.07-	114091	12 1.8
	(F07)[N57D30B]	09.10-	116138*	14 230		09.10-	114689	12 2.0
	(F10)[N57D30B]	08.10-	116138*	14 230				
		08.10-	116348*	14 180		09.10-	114689	12 2.0
		09.10-	115581	14 180 A49				
	(F11)[N57D30B]	09.10-	115581	14 180 A49				
		09.10-	116138*	14 230				
09.10-		116348*	14 180		09.10-	114689	12 2.0	
535 3.0 Diesel xDrive	(F07GT)[N57D30B]	09.10-	116138*	14 230		09.10-	114689	12 2.0
	(F10)[N57D30B]	09.11-	115581	14 180 A49				
	09.11-	116348*	14 180					
535 3.5 i	(E34)[M30B35]					01.88- 04.93	112172	12 1.6
	(E39)[M62B358S1]	01.96-	112193	14 120				
		01.96-	112426	14 150		04.96-	112553	12 1.7
	[M62B358S2]	01.96- 06.03	112426	14 150		01.96- 06.03	112553	12 1.7
	04.96- 03.99	112193	14 120					
[M62B35TU]	04.99- 07.00	112426	14 150		04.99-	112553	12 1.7	
540 4.0 i V8	(E34)[M60B40]					09.92- 09.95	112553	12 1.7
						09.92- 09.95	112553	12 1.7
540 4.0 i	(E34)[M60B40]					09.93-	112553	12 1.7
540 4.4 i	(E39)[M62B44 (448S1)]	04.96- 09.98	112193	14 120				
		03.97- 07.00	112426	14 150		04.96-	112553	12 1.7
	[M62B44 (448S2)]	04.96- 05.04	112193	14 120				
		04.96- 05.04	112426	14 150		04.96- 05.04	112553	12 1.7
545 4.4 i	(E60)[N62B44A]	09.03-	114189	14 180				
	(E61)[N62B44A]	06.04-	114189	14 180				
550 4.8 i	(E60)[N62B48A]	07.05-	114189	14 180				
		07.05-	114189	14 180				
	[N62B48B]	07.05-	114189	14 180				
		07.05-	114189	14 180				
628 2.8 CSI	(E24)[M30B28]	09.79- 05.81	110877	14 65				
630 3.0 i	(E63)[N52B30]	09.04-	114524	14 180 A53				
		09.04-	115904	14 155				
		09.04-	116120	14 180 BO				
		09.04-	116121	14 180 A52		09.04-	114740	12 1.2
		09.04-	116295	14 180 VA		09.04-	115574	12 1.2
	[N52B30A]	09.04- 07.10	114524	14 180 A53				
		09.04-	115904	14 155				
		09.04- 07.10	116120	14 180 BO				
		09.04- 07.10	116121	14 180 A52		09.04-	115574	12 1.2
		09.04- 07.10	116295	14 180 VA		09.04- 07.10	114740	12 1.2
		07.07- 07.10	116012	14 150				
	[N52B30B]	07.07- 07.10	114524	14 180 A53				
		07.07- 07.10	116012	14 150				
		07.07- 07.10	116120	14 180 BO				
		07.07- 07.10	116121	14 180 A52				
		07.07- 07.10	116295	14 180 VA		07.07- 07.10	114740	12 1.2
	[N52B30BF]	07.07- 07.10	114524	14 180 A53				
		07.07- 07.10	116012	14 150				
		07.07- 07.10	116120	14 180 BO				
		07.07- 07.10	116121	14 180 A52		07.07-	115574	12 1.2
07.07- 07.10		116295	14 180 VA		07.07- 07.10	114740	12 1.2	



Application list

BMW Continued

	(E64)[N52B30]	09.04- 09.04- 09.04- 09.04- 09.04-	114524 115904 116120 116121 116295	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA		09.04- 09.04-	114740 115574	12 1.2 12 1.2
	[N52B30A]	09.04- 07.10 09.04- 09.04- 07.10 09.04- 07.10 09.04- 07.10 07.07- 07.10	114524 115904 116120 116121 116295 116012	14 180 A53 14 155 14 180 BO 14 180 A52 14 180 VA 14 150		09.04- 09.04- 07.10	115574 114740	12 1.2 12 1.2
	[N52B30B]	07.07- 07.10 07.07- 07.10 07.07- 07.10 07.07- 07.10 07.07- 07.10	114524 116012 116120 116121 116295	14 180 A53 14 150 14 180 BO 14 180 A52 14 180 VA		07.07- 07.07- 07.10	115574 114740	12 1.2 12 1.2
	[N52B30BF]	07.07- 07.10 07.07- 07.10 07.07- 07.10 07.07- 07.10 07.07- 07.10	114524 116012 116120 116121 116295	14 180 A53 14 150 14 180 BO 14 180 A52 14 180 VA		07.07- 07.07- 07.10	115574 114740	12 1.2 12 1.2
633 3.2 CSI	(E24)[M30B32]	04.76- 05.81	110877	14 65				
635 3.0 Diesel	(E63)[M57D30 (306D5)]	07.07- 07.07-	113896 116158	14 170 A49 14 170		07.07-	114091	12 1.8
	(E64)[M57D30 (306D5)]	07.07- 07.07-	113896 116158	14 170 A49 14 170		07.07-	114091	12 1.8
635 3.5 CSI	(E24)[M30B35]	06.78- 05.81	110877	14 65				
640 3.0 i	(F12)[N55B30A] (F13)[N55B30A]					03.11- A25 06.11- 06.11- 06.11-	116464* 115398 115562 116464*	12 1.5 12 1.7 12 1.7 12 1.5
640 3.0 i Cran Coupe	(F06)[N55B30A]					09.11-	116464*	12 1.5
640 3.0 i Cran Coupe xDrive	(F06)[N55B30A]					01.13-	116464*	12 1.5
640 3.0 i xDrive	(F12)[N55B30A] (F13)[N55B30A]					01.13- 01.13-	116464* 116464*	12 1.5 12 1.5
645 4.4 Ci	(E63)[N62B44] (E64)[N62B44] (E64)[N62B44] (E64)[N62B44]	01.04- 01.04- 04.04- 04.04-	114189 114189 114189 114189	14 180 14 180 14 180 14 180				
650 4.8 i	(E63)[N62B48B] (E64)[N62B48B]	07.05- 07.05-	114189 114189	14 180 14 180				
725 2.5 TDS	(E38)[M51D25]	04.96-	111947	14 95		04.96-	113446	12 2.2
728 2.8	(E23)[M30B28]					05.77- 08.79	110772	12 1.0
728 2.8 i	(E23)[M30B28] (E38)[M52B28]	07.78- 10.82 08.95-	110877 111873#	14 65 14 80				
728 2.8 Li	(E38)[M52B28 (286S1)] [M52B28 (286S2)] [M52B28TU]					08.95- 08.95- 11.01 08.95- 11.01	111911 111911 111911	12 1.4 12 1.4 12 1.4
730 3.0 i V8	(E32)[M60B30]					04.92- 09.94	112553	12 1.7
730 3.0 i	(E32)[M30B30] (E38)[M60B30] (E65, E66)[M54B30 (306S3)] (F01, F02, F03, F04)[N52B30A] [N52B30BF]	03.03- 03.05 03.03- 03.03- 03.05 03.03-	113858 115976 113858 115976	14 150 A49 14 150 14 150 A49 14 150		03.03- 03.05 06.08- 06.08- 06.08- 06.08-	111911 114740 115574 114740 115574	12 1.4 12 1.2 12 1.2 12 1.2 12 1.2
730 3.0 Li V8	(E32)[M60B30]					04.92- 09.94	112553	12 1.7
730 3.0 Li	(E32)[M30B30] (E65, E66)[M54B30 (306S3)] (E65, E66, E67)[N52B30] [N52B30A]	03.03- 03.05 03.03- 03.05- 03.05- 03.05- 03.05- 03.05- 03.05- 03.05-	113858 115976 114524 116120 116121 116295 114524 116120 116121 116295	14 150 A49 14 150 14 180 A53 14 180 BO 14 180 A52 14 180 VA 14 180 A53 14 180 BO 14 180 A52 14 180 VA		03.03- 03.05 03.05- 03.05- 03.05- 07.05- 03.05-	111911 114740 114740 115574 114740 115574	12 1.4 12 1.2 12 1.2 12 1.2 12 1.2 12 1.2
730 3.0 Diesel	(E38)[M57D30] [M57D30 (306D1)] (E65, E66)[M57D30 (306D2)] [M57D30 (306D3)] (E66)[M57D30 (306D3)] [N57N306D2] (F01, F02)[N57D30A] (F01, F02, F03, F04)[N57D30A]	08.98- 04.00 08.98- 12.01 10.02- 10.02- 10.02- 07.05- 07.05- 07.05- 07.05- 10.08- 10.08-	112462 112468 113896 115860 116158 113896 115860 116158 113896 115860 116158 115960 116138*	14 120 14 150 14 170 A49 14 150 14 170 14 170 A49 14 150 14 170 14 170 A49 14 150 14 170 14 180 14 230		08.98- 08.98- 12.01 10.02- 10.02- 10.02- 07.05- 03.05- 07.05- 07.05- 10.08- 10.08-	113446 115506 113446 114072 114072 114091 114091 114091 114689 116059 114689 115335	12 2.2 12 2.0 A49 12 2.2 12 2.0 12 2.0 12 1.8 12 1.8 12 2.0 12 2.2 12 2.0 12 2.0 12 2.2
730 3.0 Diesel xDrive	(F01, F02, F03, F04)[N57D30A]					11.11- 05.15 11.11- 05.15 11.11- 05.15	115335 116001 116059	12 2.2 12 2.0 12 2.2
732 3.2 i Motronic	(E23)[M30B32]	05.77- 10.82	110877	14 65				
733 3.2 i L-Jetronic	(E23)[M30B32]	05.77- 12.82 05.77- 12.82	110877 112780	14 65 14 90				



735 3.4 i	(E32)[M30B35]					09.87- 03.94	112172	12 1.6
735 3.5 i	(E23)[M30B35]	09.79- 10.82	110877	14 65				
	(E38)[M62B35]	01.96- 11.01	112426	14 150		01.96- 11.01	112553	12 1.7
	[M62B35B51]	10.98- 07.00	112426	14 150		01.96-	112553	12 1.7
735 3.6 i	(E65)[N62B36]	11.01-	114189	14 180				
		11.01-	115473	14 180		11.01-	115940	12 1.8
735 3.6 Li	(E66)[N62B36A]	11.01-	114189	14 180				
		11.01-	115473	14 180		11.01-	115940	12 1.8
740 3.0 i	(F01, F02)[N54B30A]	10.08-	116189	14 230		10.08-	115574	12 1.2
						10.08-	114740	12 1.2
						07.12-	115562	12 1.7
	(F01, F02, F03, F04)[N55B30A]					07.12-	116464*	12 1.5
740 3.0 Diesel	(F01, F02, F03, F04)[N57D30B]	09.09-	115960	14 180		09.09-	114689	12 2.0
740 3.0 Diesel xDrive	(F01, F02)[N57SD30B]	09.09-	115960	14 180				
		09.09-	116138*	14 230		09.09-	114689	12 2.0
740 3.9 Diesel	(E38)[M67D39]	10.98- 07.00	112426	14 150				
740 4.0 i V8	(E32)[M60B40]					04.92- 09.94	112553	12 1.7
740 4.0 i	(E38)[M60B40]					10.94-	112553	12 1.7
	(E65)[N62B40A]	07.05-	114189	14 180				
740 4.0 Li V8	(E32)[M60B40 (408S1)]					04.92- 09.94	112553	12 1.7
740 4.0 Li	(E66)[N62B40A]	07.05-	114189	14 180				
740 4.4 i	(E38)[M62B44 (448S2)]	10.98- 07.00	112426	14 150		01.96-	112553	12 1.7
740 4.4 Li	(E38)[M62B44 (448S1)]	01.96- 11.01	112426	14 150		01.96- 11.01	112553	12 1.7
745 4.4 i	(E65)[N62B44]	11.01-	114189	14 180				
		11.01-	115473	14 180		11.01-	115940	12 1.8
745 4.4 Li	(E66)[N62B44A]	11.01-	114189	14 180				
		11.01-	115473	14 180		11.01-	115940	12 1.8
745 4.4 Diesel	(E65, E66, E67)[M67D44 (448D1)]	07.05-	114189	14 180				
		07.05-	114189	14 180				
750 4.8 i	(E65)[N62B48B]	07.05-	114189	14 180				
750 4.8 Li	(E66)[N62B48B]	07.05-	114189	14 180				
750 5.4 i	(E38)[M73B54 (54121)]	10.98- 12.01	112426	14 150				
		[M73B54 (54122)]	12.94- 11.01	112426	14 150			
750 5.4 Li	(E38)[M73B54]	10.98- 12.01	112426	14 150				
760 6.0 i	(E65, E66, E67)[N73B60]	01.03-	115473	14 180				
760 6.0 Li	(E65, E66, E67)[N73B60A]	01.03-	115473	14 180				
840 4.0 i	(E31)[M60B40 (408S1)]					02.93- 02.96	112553	12 1.7
						09.94- 12.99	112553	12 1.7
840 4.4 Ci	(E31)[M62B44 (448S1)]					01.96- 12.99	112553	12 1.7
1802 1.8	(E10)[M10B18]	08.70- 07.77	110877	14 65				
2000 2.0	(E10)[M10B20]					09.68- 07.72	110772	12 1.0
						10.65- 06.70	110772	12 1.0
2000 2.0 CS	(E9)[M10B20]					10.65- 06.70	110772	12 1.0
2000 2.0 Ti	(E10)[M10B20]					01.66- 07.72	110772	12 1.0
2000 2.0 Tii	(E10)[M10B20]					12.69- 07.72	110772	12 1.0
2002 2.0	(E10)[M10B20]					A25 02.68- 07.75	110772	12 1.0
						05.71- 07.75	110772	12 1.0
	(E6)[M10B20]					05.71- 07.75	110772	12 1.0
2002 2.0 Ti	(E10)[M10B20]					06.68- 04.72	110772	12 1.0
2002 2.0 Tii	(E10)[M10B20]					05.71- 07.75	110772	12 1.0
	(E6)[M10B20]					01.71- 07.75	110772	12 1.0
2002 2.0 Turbo	(E10)[M10B20]					01.74- 07.75	110772	12 1.0
2500 2.5	(E3)[M30B25]					10.68- 04.77	110772	12 1.0
2800 2.8	(E3)[M30B28]	03.76-	110877	14 65		10.68- 07.75	110772	12 1.0
2.5 2.5 CS	(E9)[M30B25]					09.74- 03.76	110772	12 1.0
2.8 2.8 L	(E3)[M30B28]					02.75- 04.77	110772	12 1.0
225 xe 1.5 Diesel Active Tourer	(F45)[B38A15A]					03.16-	115999	12 1.4
						03.16-	116371*	12 1.5
3.0 3.0 CS	(E9)[M30B30]					05.71- 07.73	110772	12 1.0
3.0 3.0 CSI	(E9)[M30B30]					07.71- 07.73	110772	12 1.0
3.0 3.0 S	(E3)[M30B30]					05.71- 07.73	110772	12 1.0
3.0 3.0 Si	(E3)[M30B30]					07.71- 07.73	110772	12 1.0
3.2 2.8 CS	(E9)[M30B28]					01.69- 04.71	110772	12 1.0
3.3 3.2 Li	(E3)[M30B32]	03.76- 04.77	110877	14 65				
3.3 3.3 L	(E3)[M30B33]	10.75- 04.77	110877	14 65				
325 d 2.0 Diesel	(F34)[N47D20D]					07.13-	115335	12 2.2
						07.13-	115558	12 1.4
						07.13-	116059	12 2.2 A49
530 d 3.0 Diesel	(E60)[M57D30 (306D2)]	07.03-	113896	14 170 A49				
		07.03-	115860	14 150		07.03-	113446	12 2.2
		07.03-	116158	14 170		07.03-	114072	12 2.0
535 Gran Turismo 3.0 Diesel	(F07)[N57D30B]	05.09- 06.12	116138*	14 230		05.09- 06.12	116059	12 2.2
						05.09- 06.12	115335	12 2.2
						05.09- 06.12	116001	12 2.0
535 Gran Turismo 3.0 Diesel xDrive	(F07)[N57D30B]	05.09- 06.12	116138*	14 230		05.09- 06.12	116059	12 2.2
						05.09- 06.12	115335	12 2.2
						05.09- 06.12	116001	12 2.0
ActiveHybrid 3.0 ActiveHybrid	(F01, F02, F03, F04)[N55B30A]					07.12-	115574	12 1.2
						09.11-	115574	12 1.2
						AT 01.12-	116464*	12 1.5
	(F10, F18)[N55B30A]					01.12-	115574	12 1.2
	(F30)[N55B30A]					01.12-	115574	12 1.2
ActiveHybrid 3.0 Hybrid	(F10)[N55B30A]					09.11-	115574	12 1.2
ActiveHybrid 3.0 Hybrid ActiveHybrid	(F01, F02, F03, F04)[N55B30A]					07.12-	115574	12 1.2
M 135 3.0	(F21)[N55B30A]					AT 12.11-	116464*	12 1.5
M 135 3.0 xDrive	(F20)[N55B30A]					AT 03.15-	116464*	12 1.5
						03.15-	115562	12 1.7
						AT 02.12-	116464*	12 1.5
	(F21)[N55B30A]					03.15-	115562	12 1.7
M 135 3.0 i M 135 i	(F20)[N55B30A]					AT 03.15-	116464*	12 1.5
						03.15-	115562	12 1.7
M 235 3.0 i M 235 i	(F23)[N55B30A]					11.14-	116464*	12 1.5
M 235 3.0 i xDrive	(F22)[N55B30A]					07.14-	116464*	12 1.5
						07.15-	116464*	12 1.5
M 550 3.0 Diesel xDrive	(F10)[N57D30C]					01.12-	114689	12 2.0
						01.12-	114689	12 2.0

STARTERS & ALTERNATORS



Application list

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M1 3.0	(E82)[N54B30A]	04.11- 06.12	115804	14	180		04.11- 06.12	115574	12	1.2
							04.11- 06.12	114740	12	1.2
M1 3.5	[M88B35]	05.79- 05.81	110877	14	65					
M2 3.0	(F22, F87)[N55B30A]						11.15-	116464*	12	1.5
M3 3.0	(F30, F35, F80)[S55B30A]						01.14-	116464*	12	1.5
M3 3.2	(E46)[S54B32 (326S4)]	06.00-	112472	14	100					
		06.00-	115307	14	120		06.00-	114198	12	1.3
M3 3.2 CSL	(E46)[S54B32]						06.03-	114198	12	1.3
M3 CSL 3.2 CSL	(E46)[S54N (326S4)]	06.03-	115307	14	120		06.03-	114198	12	1.3
M4 3.0	(F32, F82)[S55B30A]						01.14-	116464*	12	1.5
	(F33, F83)[S55B30A]						07.14-	116464*	12	1.5
M4 GTS 3.0	(F32, F82)[S55B30A]						03.16-	116464*	12	1.5
M5 3.5	(E34)[S38B36]						10.88- 05.92	112172	12	1.6
	[S38B36]						10.88- 05.92	112172	12	1.6
M5 3.5 i	(E12)[M30B35]	06.80- 08.81	110877	14	65					
M5 3.8	(E34)[S38B38]						03.92- 12.95	112172	12	1.6
M5 4.9	(E39)[S38B49]						10.98-	112553	12	1.7
	[S62B50]						03.00- 06.03	112553	12	1.7
M5 5.0	(E61)[S85B50A]	02.07-	113896	14	170 A49					
		02.07-	116158	14	170					
M6 5.0	(E63)[S85B50A]	09.05-	113896	14	170 A49					
		09.05-	116158	14	170					
X1 1.5 sDrive 18 i	(F48)[B38A15A]						11.15-	115999	12	1.4
							11.15-	116371*	12	1.5
X1 1.6 sDrive 18 i	(F25)[N20B16A]	04.14-	116220	14	170		04.14-	114740	12	1.2
		04.14-	116442*	14	210		A25 04.14-	116259	12	2.1
X1 1.6 i sDrive 16 i	(E84)[N20B16A]	03.13-	116220	14	170		03.13-	115562	12	1.7
X1 2.0 sDrive 20 i	(F48)[B48A20A]						09.15-	115999	12	1.4
							09.15-	116371*	12	1.5
X1 2.0 sDrive18i	(E84)[N46B20B]	01.10-	113871	14	150 A49					
		01.10-	115867	14	150		01.10-	114297	12	1.2
X1 2.0 xDrive 20 i	(F48)[B48A20A]						09.15-	115999	12	1.4
							09.15-	116371*	12	1.5
X1 2.0 Diesel xDrive28i	(E84)[N20B20A]	04.11-	116220	14	170		A25 04.11-	115398	12	1.7
X1 2.0 i sDrive 20i	(E84)[N20B20A]	09.11-	116220	14	170		A25 09.11-	115562	12	1.7
X1 2.0 i xDrive 20i	(E84)[N20B20A]	09.11-	116220	14	170		A25 09.11-	115562	12	1.7
X1 2.0	(E84)[N47D20C]	03.11-	115581	14	180 A49		03.11-	115335	12	2.2
		03.11-	116348*	14	180		03.11-	116059	12	2.2 A49
X1 2.0 Diesel	(E84)[N47D20C]	04.12-	115581	14	180 A49		04.12-	115335	12	2.2
		04.12-	116348*	14	180		04.12-	116059	12	2.2 A49
X1 2.0 Diesel Sdrive	(E84)[N47D20C]	10.09-	114292	14	180		10.09-	114689	12	2.0
		10.09-	115581	14	180 A49		A25 10.09-	115335	12	2.2
		10.09-	116348*	14	180		A25 10.09-	116059	12	2.2 A49
X1 2.0 Diesel sDrive 18 d	(F48)[B47C20A]						09.15-	116371*	12	1.5
X1 2.0 Diesel sDrive18d	(E84)[N47D20C]	03.09-	114292	14	180		A25 03.09-	115335	12	2.2
		03.09-	115581	14	180 A49		A25 03.09-	116059	12	2.2 A49
		03.09-	116348*	14	180		03.09-	114689	12	2.0
X1 2.0 Diesel sDrive20d	(E84)[N47D20C]						A25 03.10-	115335	12	2.2
							03.10-	116059	12	2.2 A49
							03.10-	114689	12	2.0
X1 2.0 Diesel Xdrive	(E84)[N47D20C]	10.09-	114292	14	180		10.09-	114689	12	2.0
		10.09-	115581	14	180 A49		A25 10.09-	115335	12	2.2
		10.09-	116348*	14	180		A25 10.09-	116059	12	2.2 A49
	[N47D20D]	10.09-	115581	14	180 A49		10.09-	115335	12	2.2
		10.09-	116348*	14	180		10.09-	116059	12	2.2 A49
	[N47SD20D]	10.09-	114292	14	180		10.09-	116059	12	2.2 A49
							10.09-	114689	12	2.0
							10.09-	115335	12	2.2
X1 2.0 Diesel xDrive 25 d	(F15, F85)[N47D20D]						11.13-	115335	12	2.2
							11.13-	116059	12	2.2 A49
X1 2.0 Diesel xDrive18d	(E84)[N47D20C]	03.09-	114292	14	180		03.09-	114689	12	2.0
		03.09-	115581	14	180 A49		A25 03.09-	115335	12	2.2
		03.09-	116348*	14	180		A25 03.09-	116059	12	2.2 A49
X1 2.0 Diesel xDrive20d	(E84)[N47D20C]						A25 03.10-	115335	12	2.2
							03.10-	116059	12	2.2 A49
							03.10-	114689	12	2.0
X1 3.0 Xdrive	(E84)[N52B30A]	10.09-	114524	14	180 A53					
		10.09-	116120	14	180 BO					
		10.09-	116121	14	180 A52		10.09-	114740	12	1.2
		10.09-	116295	14	180 VA		10.09-	115574	12	1.2
X1 3.0 xDrive25i	(E84)[N52B30A]	01.10-	114524	14	180 A53					
		01.10-	116120	14	180 BO					
		01.10-	116121	14	180 A52		01.10-	114740	12	1.2
		01.10-	116295	14	180 VA		01.10-	115574	12	1.2
X1 3.0 Diesel xDrive 25 d	(F15, F85)						06.15-	116001	12	2.0
X2 2.0 Diesel xDrive	(F39)[B47C20B]						11.17-	116371*	12	1.5
X3 2.0 xDrive 25 i	(F48)[B48A20B]						09.15-	115999	12	1.4
							09.15-	116371*	12	1.5
X3 2.0 i	(E83)[N46B20]	07.05-	113871	14	150 A49					
		07.05-	115867	14	150		07.05-	114297	12	1.2
	[N46B20B]	07.05-	113871	14	150 A49		07.05-	114297	12	1.2
		07.05-	115867	14	150					
X3 2.0 i sDrive 20 i	(F25)[N20B20A]	02.14-	116220	14	170		02.14-	114740	12	1.2
X3 2.0 i Xdrive	(E83)[N46B20B]	09.08-	113871	14	150 A49					
		09.08-	115867	14	150		09.08-	114297	12	1.2
X3 2.0 i xDrive 20i	(F25)[N20B20A]	09.11-	115581	14	180 A49					
		09.11-	116220	14	170					
		09.11-	116348*	14	180		A25 09.11-	115562	12	1.7
X3 2.0 i xDrive28i	(F25)[N20B20A]	08.11-	115581	14	180 A49					
		08.11-	116220	14	170					
		08.11-	116348*	14	180		08.11-	115562	12	1.7
X3 2.0	(F25)[N47D20C]	09.10-	115581	14	180 A49		09.10-	115335	12	2.2
		09.10-	116348*	14	180		09.10-	116059	12	2.2 A49
X3 2.0 Diesel	(E83)[M47D20 (204D4)]	10.04-	113881	14	150		10.04-	116160	12	1.6
							10.04-	114127	12	1.6 A49
	[N47D20A]						09.07-	114689	12	2.0



	(F25)[N47D20C]	08.11-08.11-	115581 116348*	14 180 A49 14 180	A25 08.11-08.11-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
X3 2.0 Diesel sDrive	(F25)[N47D20C]	08.11-08.11-	115581 116348*	14 180 A49 14 180	A25 08.11-08.11-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
X3 2.0 Diesel sDrive 18 d	(F25)[B47C20A]	02.14-02.14-	115581 116348*	14 180 A49 14 180	02.14-02.14-	115335 116059	12 2.2 12 2.2	A49
X3 2.0 Diesel xDrive	(E83)[N47D20C]				09.08-04.09-04.09-	114689 115335 116059	12 2.0 12 2.2 12 2.2	A49
X3 2.0 Diesel xDrive 20 d	(F48)[B47C20A]				11.15-	116371*	12 1.5	
X3 2.0 Diesel xDrive 20d	(F25)[N47D20C]	09.10-09.10-	115581 116348*	14 180 A49 14 180	A25 09.10-09.10-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
X3 2.0 Diesel xDrive20d	(E83)[N47D20C]	09.08-	114292	14 180	09.08-	114689	12 2.0	
X3 2.5 i	(E83)[M54B25 (256S5)]	01.04-01.04-	113858 115976	14 150 A49 14 150	01.04-	111911	12 1.4	
X3 2.5 i Xdrive	(E83)[N52B25A]	09.08-09.08-09.08-09.08-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA	09.08-09.08-	114740 115574	12 1.2 12 1.2	
X3 2.5 si xDrive	(E83)[N52B25A]	07.06-12.08	114524	14 180 A53				
		07.06-12.08	116120	14 180 BO				
		07.06-12.08	116121	14 180 A52				
		07.06-12.08	116295	14 180 VA	07.06-12.08	114740	12 1.2	
X3 3.0 xDrive 35i	(F25)[N55B30A]				09.10-09.10-	114740 115574 116464*	12 1.2 12 1.2 12 1.5	
X3 3.0 Diesel xDrive 28i	(F25)[N52B30A]				04.11-04.11-	114740 115574	12 1.2 12 1.2	
X3 3.0 i	(E83)[M54B30 (306S3)]	01.04-01.04-	113858 115976	14 150 A49 14 150	01.04-	111911	12 1.4	
X3 3.0 i Xdrive	(E83)[N52B30A]	09.08-09.08-09.08-09.08-	114524 116120 116121 116295	14 180 A53 14 180 BO 14 180 A52 14 180 VA	09.08-09.08-	114740 115574	12 1.2 12 1.2	
X3 3.0 Diesel	(E83)[M57D30 (306D2)]	01.04-01.04-	113881 115860	14 150 14 150	01.04-01.04-	113446 114072	12 2.2 12 2.0	
	[M57D30 (306D3)]	01.04-01.04-	113858 115860	14 150 A49 14 150				
	[M57D30(306D3)]	10.04-07.06	113881	14 150				
	[M57N2306D2]	10.04-07.06	115860	14 150	10.04-07.06	114091	12 1.8	
	[M57N2306D2]	01.04-01.04-01.04-	113858 115860 115976	14 150 A49 14 150 14 150	01.04-	114091	12 1.8	
X3 3.0 Diesel Sdrive	(E83)[M57D30 (306D5)]				09.06-	114091	12 1.8	
X3 3.0 Diesel Xdrive	(E83)[M57D30 (306D3)]	09.08-	115860	14 150	09.08-	114091	12 1.8	
	[M57D30 (306D5)]	09.08-	115860	14 150	09.08-	114091	12 1.8	
	(F25)[N57D30A]				04.15-04.15-04.15-	114689 115335 116001 116059	12 2.0 12 2.2 12 2.0 12 2.2	
X3 3.0 Diesel xDrive 30 d	(F25)[N57D30A]				06.16-06.16-06.16-06.16-	114689 115335 116001 116059	12 2.0 12 2.2 12 2.0 12 2.2	
X3 3.0 Diesel xDrive 30d	(F25)[N57D30A]				A25 05.11-05.11-05.11-	115335 116059 114689	12 2.2 12 2.2 12 2.0	A49
X3 3.0 Diesel xDrive 35d	(F25)[N57D30B]				09.11-09.11-09.11-	115335 116001 116059	12 2.2 12 2.0 12 2.2	
X3 3.0 Diesel xDrive30d	(E83)[M57D30 (306D3)]	09.08-	115860	14 150	09.08-	114091	12 1.8	
X4 3.0 M 40 i	(F26)[N55B30A]				12.15-12.15-12.15-	115562 115574 116464*	12 1.7 12 1.2 12 1.5	
X4 3.0 i xDrive 35 i	(F26)[N55B30A]				04.14-	116464*	12 1.5	
X4 3.0 Diesel xDrive 30 d	(F26)[N57D30A]				06.13-06.13-	115335 116059	12 2.2 12 2.2	
X5 2.0 Diesel sDrive 25	(F15)[N47D20D]				01.13-01.13-	115335 116059	12 2.2 12 2.2	A49
X5 2.0 Diesel sDrive 25 d	(F15, F85)[N47D20D]				11.13-11.13-	115335 116059	12 2.2 12 2.2	A49
X5 2.0 Diesel xDrive 25	(F15)[N47D20D]				01.13-01.13-	115335 116059	12 2.2 12 2.2	A49
X5 3.0 xDrive 35 i	(F15, F85)[N55B30A]				01.13-	115562	12 1.7	
	(F16, F86)[N55B30A]				12.14-	116464*	12 1.5	
X5 3.0 xDrive35i	(E70)[N55B30A]				09.10-09.10-	114740 115574	12 1.2 12 1.2	
X5 3.0 i	(E53)[M54306S3]	05.00-	111873#	14 80	05.00-	111911	12 1.4	
	[M54B30 (306S3)]	10.98-10.99-	112426 111873#	14 150 14 80	10.99-	111911	12 1.4	
X5 3.0 i Xdrive	(E70)[N52B30A]	09.08-09.08-09.08-09.08-09.08-	114524 116120 116121 116169 116295	14 180 A53 14 180 BO 14 180 A52 14 183 14 180 VA				
X5 3.0 i xDrive 35	(E70)[N55B30A]				02.12-02.12-	114740 115574	12 1.2 12 1.2	
	(F15)[N55B30A]				01.13-11.13-	115562 116464*	12 1.7 12 1.5	

STARTERS & ALTERNATORS



Application list

BMW Continued

X5 3.0 Si	(E70)[N52B30]	02.07-09.08	114524	14 180 A53					
		02.07-09.08	116120	14 180 BO					
		02.07-09.08	116121	14 180 A52					
		02.07-09.08	116169	14 183					
		02.07-09.08	116187	14 230		02.07-09.08	114740	12 1.2	
		02.07-09.08	116295	14 180 VA		02.07-09.08	115574	12 1.2	
		[N52B30A]							
		02.07-09.08	114524	14 180 A53					
		02.07-09.08	116120	14 180 BO					
		02.07-09.08	116121	14 180 A52					
X5 3.0	(E70)[N57D30A]	09.08-	115960	14 180	A25 09.08-	115335	12 2.2		
		09.08-06.13	116138*	14 230	A25 09.08-	116059	12 2.2 A49		
		[N57D30(306D3)]							
		02.07-09.08	114524	14 180 A53					
		02.07-09.08	116120	14 180 BO					
		02.07-09.08	116121	14 180 A52					
		02.07-09.08	116169	14 183					
		02.07-09.08	116187	14 230		02.07-09.08	114740	12 1.2	
		02.07-09.08	116295	14 180 VA		02.07-09.08	115574	12 1.2	
		X5 3.0 Diesel	(E53)[M57D30 (306D2)]	12.03-	113881	14 150		12.03-	114072
						12.03-	113446	12 2.2	
[M57D30(306D1)]									
04.00-	112462			14 120		04.00-	113446	12 2.2	
04.00-	112468			14 150		03.01-09.03	115506	12 2.0 A49	
[M57N306D4]									
12.03-	113881			14 150		12.03-	114072	12 2.0	
						09.03-	113446	12 2.2	
(E70)[M57306D3]									
02.07-09.08	114385			14 170					
X5 3.0 Diesel 4x4	(E53)[M57D30 (306D2)]	08.04-	113881	14 150		08.04-	114072	12 2.0	
		02.07-09.08	114385	14 170		02.07-09.08	114091	12 1.8	
		[M57D30 (306D3)]							
		02.07-09.08	114385	14 170					
		02.07-09.08	116187	14 220		02.07-09.08	114091	12 1.8	
		02.07-09.08	116187	14 230					
		02.07-09.08	116188	14 220		02.07-09.08	114091	12 1.8	
		08.11-	116188	14 220		08.11-	114689	12 2.0	
		[N57D30C]							
		09.07-09.08	114385	14 170					
X5 3.0 Diesel Sdrive	(E70)[M57D30 (306D5)]	09.07-02.09	116188	14 220		09.07-09.08	114091	12 1.8	
		[N57D30A]							
		09.08-	114385	14 170					
		09.08-06.13	116188	14 220		09.08-	114091	12 1.8	
		[N57D30A]							
		09.08-	114385	14 170					
		09.08-06.13	116188	14 220		09.08-	114091	12 1.8	
		[N57D30A]							
		09.08-	114385	14 170					
		09.08-06.13	116188	14 220		09.08-	114091	12 1.8	
X5 3.0 Diesel xDrive 30 d	(F15, F85)[N57D30A]	07.13-	116001	12 2.0					
		[F16, F86][N57D30A]							
		02.15-	116001	12 2.0					
		[F25][N57D30A]							
						A25 05.11-	115335	12 2.2	
						05.11-	116059	12 2.2	
						05.11-	114689	12 2.0	
						05.11-	116001	12 2.0	
		[F26][N57D30A]							
						04.14-	115335	12 2.2	
X5 3.0 Diesel xDrive 40	(F15)[N57D30B]	12.13-	116001	12 2.0					
		[N57D30A]							
		09.10-	115960	14 180					
		09.10-06.13	116138*	14 230		09.10-	114689	12 2.0	
		[N57D30A]							
		09.10-	115960	14 180					
		09.10-06.13	116138*	14 230		09.10-	114689	12 2.0	
		[N57D30A]							
		10.98-07.00	112426	14 150		04.00-	112553	12 1.7	
		05.00-	112426	14 150		05.00-	112553	12 1.7	
X5 4.4 i	(E53)[M62B44]	12.03-	114189	14 180					
		[M62B44TU]							
		05.00-	112426	14 150		05.00-	112553	12 1.7	
		[N62B44]							
		12.03-	114189	14 180					
		[N62B44A]							
		12.03-	114189	14 180					
		[E53][M62B46 (468S1)]							
		02.02-	112426	14 150		02.02-	112553	12 1.7	
		[E70][M62B48B]							
02.07-09.08	115923	14 180							
X5 4.8 i	(E70)[M62B48B]	09.08-	115923	14 180					
		09.08-06.13	116187	14 230					
		[E70][M62B48B]							
		09.08-	115923	14 180					
		09.08-06.13	116187	14 230					
		[E71][N54B30A]							
		09.08-	114740	12 1.2					
		09.08-	115574	12 1.2					
		[N55B30A]							
		09.08-	114740	12 1.2					
X6 3.0 i Xdrive	(E71)[N54B30A]	09.08-	114740	12 1.2					
		09.08-	115574	12 1.2					
		[N55B30A]							
		09.08-	114740	12 1.2					
		09.08-	115574	12 1.2					
		[N55B30A]							
		09.08-	114740	12 1.2					
		08.09-	114740	12 1.2					
		[N55B30A]							
		08.09-	114740	12 1.2					
X6 3.0 i xDrive 35	(E71, E72)[N54B30A]	08.09-	114740	12 1.2					
		[N55B30A]							
		08.09-	114740	12 1.2					
		[N55B30A]							
		08.09-	114740	12 1.2					
		[N55B30A]							
		08.09-	114740	12 1.2					
		[N55B30A]							
		08.09-	114740	12 1.2					
		[N55B30A]							
X6 3.0 iX	(E71)[N54B30A]	05.08-	116189	14 230					
		[N55B30A]							
		05.08-	116189	14 230					
		[N55B30A]							
		05.08-	116189	14 230					
		[N55B30A]							
		05.08-	116189	14 230					
		[N55B30A]							
		05.08-	116189	14 230					
		[N55B30A]							
X6 3.0 Diesel	(E71, E72)[N57D30C]	08.11-	114689	12 2.0					
		[N57D30A]							
		09.08-	114385	14 170					
		09.08-	116188	14 220		09.08-	114091	12 1.8	
		[M57N2306D3]							
		05.08-	114385	14 170					
		05.08-	116188	14 220		05.08-	114091	12 1.8	
		[N57D30A]							
		09.08-	114385	14 170		09.08-	114091	12 1.8	
		09.08-	114385	14 170					
X6 3.0 Diesel Xdrive	(E71)[M57D30 (306D5)]	05.08-	114385	14 170					
		05.08-	116188	14 220		05.08-	114091	12 1.8	
		[M57N2306D3]							
		05.08-	114385	14 170					
		05.08-	116188	14 220		05.08-	114091	12 1.8	
		[N57D30A]							
		09.08-	114385	14 170		09.08-	114091	12 1.8	
		09.08-	114385	14 170					
		05.08-	114385	14 170		05.08-	114091	12 1.8	
		05.08-	116188	14 220		12.15-	116001	12 2.0	
X6 3.0 Diesel xDrive30d	(E71, E72)[M57D30 (306D3)]	09.10-	115960	14 180					
		09.10-	116138*	14 230					
		09.10-	116188	14 220		09.10-	114689	12 2.0	
		[N57D30A]							
		09.10-	115960	14 180					
		09.10-	116138*	14 230		09.10-	114689	12 2.0	
		[N57D30A]							
		09.10-	115960	14 180					
		09.10-	116138*	14 230					
		10.10-	116138*	14 230					
X6 3.0 Diesel xDrive40d	(E71, E72)[N57D30B]	10.10-	115960	14 180					
		10.10-	116138*	14 230					
		[N57D30A]							
		10.10-	115960	14 180					
		10.10-	116138*	14 230		10.10-	114689	12 2.0	
		[N57D30A]							
		10.10-	115960	14 180					
		10.10-	116138*	14 230					
		[N57D30A]							
		10.10-	116138*	14 230					
Z1 2.5	[M20B25]	11.88-06.91	111400	12 1.4					
		[M43B19]							
		07.98-	111873#	14 80		07.98-	111911	12 1.4	
		[M43B19 (194E1)]							
		07.98-01.03	111873#	14 80		07.98-01.03	111911	12 1.4	
		[E36][M43B18]							
		03.96-	111911	12 1.4					
		[M44B19]							
		03.96-	111911	12 1.4					
		[M44B19 (194S1)]							
10.95-03.99	111911	12 1.4							
Z3 1.8	(E36)[M43B19]	09.98-08.00	112413	14 90		01.99-	111911	12 1.4	
		[M43B19 (194E1)]							
		04.99-12.00	111873#	14 80					
		[M52B206S4]							
		04.99-01.03	111911	12 1.4					
		[E36][M43B19 (194E1)]							
		08.00-	111873#	14 80		08.00-	111911	12 1.4	
		[E36][M52B28]							
		03.96-09.00	111873#	14 80					
		11.96-09.00	112193	14 120		11.96-09.00	111911	12 1.4	
Z3 1.8 i	(E36)[M43B18]	04.97-06.00	112193	14 120		04.97-06.00	111911	12 1.4	
		[M52B28 (286S1)]							
		04.97-06.00	112193	14 120		04.97-06.00	111911	12 1.4	
		[M52B28TU]							
		04.97-06.00	112193	14 120		04.97-06.00	111911	12 1.4	
		[E36][M43B19 (194E1)]							
		06.00-	111873#	14 80		06.00-	111911	12 1.4	
		[E36][M54B30 (306S3)]							
		06.01-	112462	14 120 ▲					
		06.01-01.03	115307	14 120		06.01-01.03	114198	12 1.3	



	[S54B32]	06.01- 01.03	112462	14 120 ▲				
		06.01- 01.03	115307	14 120		06.01- 01.03	114198	12 1.3
	[S54B32 (326S4)]	06.01- 01.03	112462	14 120				
		06.01- 01.03	115307	14 120		06.01- 01.03	114198	12 1.3
Z4 2.0	(E89)[N20B20A]	04.13-	116220	14 170		04.13-	115562	12 1.7
						04.13-	114740	12 1.2
Z4 2.0 i	(E85)[N46B20A]	03.05-	113871	14 150 A49				
		04.05-	115867	14 150		04.05-	114297	12 1.2
	[N46B20B]	04.05-	113871	14 150 A49				
		04.05-	115867	14 150		04.05-	114297	12 1.2
	[N46B20C]	03.95-	113871	14 150 A49				
Z4 2.0 i sDrive 20i	(E89)[N20B20A]	09.11-	116220	14 170		09.11-	115562	12 1.7
Z4 2.0 i sDrive 28i	(E89)[N20B20A]	09.11-	116220	14 170		09.11-	115562	12 1.7
Z4 2.2 i	(E85)[M54B22(226S1)]	10.03-	115677	14 120		10.03-	111911	12 1.4
Z4 2.5 i	(E85)[M54B25256S5]	02.03-	115677	14 120		02.03-	111911	12 1.4
	[N52B25A]	01.06-	115904	14 155		01.06-	115574	12 1.2
						01.06-	114740	12 1.2
Z4 2.5 i Sdrive	(E89)[N52B25A]					05.09-	114740	12 1.2
						05.09-	115574	12 1.2
Z4 2.5 Si	(E85)[N52B25A]	01.06-	115904	14 155		01.06-	115574	12 1.2
						01.06-	114740	12 1.2
Z4 3.0 sDrive35is	(E89)[N54B30A]					09.10-	114740	12 1.2
						09.10-	115574	12 1.2
Z4 3.0 i	(E85)[M54B30 (306S3)]	02.03-	115677	14 120		02.03-	111911	12 1.4
Z4 3.0 i Sdrive	(E89)[N52B30A]					05.09-	114740	12 1.2
						05.09-	115574	12 1.2
	[N54B30A]					05.09-	114740	12 1.2
						05.09-	115574	12 1.2
Z4 3.0 Si	(E85)[N52B30A]	01.06-	115904	14 155		01.06-	115574	12 1.2
						01.06-	114740	12 1.2
Z4 3.2 M	(E85)[S54B32 (326S4)]	03.06-	113858	14 150 A49				
		03.06-	115976	14 150		03.06-	114198	12 1.3
	(E86)[S54B32 (326S4)]	03.06-	113858	14 150 A49				
		03.06-	115976	14 150		03.06-	114198	12 1.3
Z8 4.9	(E52)[S38B49]					06.00-	112553	12 1.7
	[S62B50]					06.00-	112553	12 1.7
MOTOR BIKES								
R100 1.0						06.76-	111334	12 1.2
R1100 1.1						01.93- 01.01	111335	12 1.1
R1150 1.13		01.01- 12.05	116075	14 60				
R1150 1.1			116075	14 60		01.00- 01.01	111335	12 1.1
R1200 1.1		10.01- 07.04	116075	14 60				
R1200GS 1.2						01.03-	116046	12 1.2
R1200RT 1.2						01.09-	116046	12 1.2
R1200ST 1.2						01.05-	116046	12 1.2
R45 0.5						06.78- 07.85	111334	12 1.2
R50 0.5						09.69- 07.73	111334	12 1.2
R60.5 0.6						09.69- 06.73	111334	12 1.2
R60.6 0.6						09.74- 06.78	111334	12 1.2
R60.7 0.6						09.76- 06.80	111334	12 1.2
R65 0.7						07.78- 12.93	111334	12 1.2
R75.5 0.8						09.69- 09.80	111334	12 1.2
R75.6 0.8						09.73- 08.76	111334	12 1.2
R75.7 0.8						09.76- 08.79	111334	12 1.2
R80 0.8						09.77-	111334	12 1.2
R850 0.85		01.01- 12.06	116075	14 60				
R90 0.9						08.73-	111334	12 1.2
R900RT 0.9						01.09-	116046	12 1.2
Various Models							116046	12 1.2
MARINE								
D 150							115472	12 2.7
D 190							115472	12 2.7
D 530							115472	12 2.7
D 636							115472	12 2.7
Marine 2.0	[B130]	12.78- 07.87	113631	14 90				
Marine 2.8	[B190]	03.78- 07.87	113631	14 90				
Various Models						12.78- 07.87	110363	12 0.7
						10.81- 07.87	112173	12 2.7
Bobcat								
AGRICULTURE								
Various Models							116071	12 1.4
INDUSTRI								
322	[Kubota]						114738	12 1.4
320C	[Kubota]						114738	12 1.4
320D	[Kubota]						114738	12 1.4
322C	[Kubota]						114738	12 1.4
E55W	[4TNV98]						114874	12 3.0
Various Models	[Kubota]						114685	12 2.0
							116071	12 1.4
MISCELLANEOUS								
443	[D750]					01.82- 01.88	110469	12
533	[Isuzu]					01.80- 01.81	110469	12
543	[D950]					01.82- 01.88	110469	12
611	[Deutz]					01.80- 01.81	110602	12 2.8
621	[Deutz]					01.80- 01.81	110602	12 2.8
632	[4-98]					01.81-	110469	12
641	[F2L511]					01.82-	110590	12 2.8
642	[Ford]					01.84-	110469	12
643						01.82- 01.89	110602	12 2.8
671						08.80-	110590	12 2.8
672						01.80-	110469	12
733	[Deutz]					08.80- 01.81	110602	12 2.8
741	[F2L511]					01.82-	110590	12 2.8
743						01.82- 01.85	110602	12 2.8
753						01.90- 01.93	110602	12 2.8
						01.93-	112489	12 2.7
773		01.95-	110540	14 55		01.94-	112489	12 2.7

STARTERS & ALTERNATORS



Application list

BOBCAT Continued

825	[Perkins]				01.80- 01.81	110602	12	2.8
833	[Perkins]				01.80- 01.81	110602	12	2.8
843	[Perkins]				01.80- 01.81	110602	12	2.8
943					01.88-	110590	12	2.8
970					01.70- 01.76	110468	12	
974					01.89-	110590	12	2.8
975					01.77- 01.83	111221	12	2.5
					01.89-	110590	12	2.8
980		01.88-	110540	14 55	01.88-	112267	12	2.5
1600					01.89-	110602	12	2.8
2000					01.89-	110590	12	2.8
2200	[Kubota]					114485	12	1.1
S175	[Kubota]				01.02- 01.03	113727	12	2.7
S185	[Kubota]	01.02- 01.03	113600	14 90	01.02- 01.03	113727	12	2.7
S250	[Kubota]	01.02- 01.03	113600	14 90	01.02- 01.03	113727	12	2.7
T200	[Deutz]	01.99-	113600	14 90				
Various Models			115432	14 50		116312	12	2.7 BO
			113347	14 20		116139	12	3.0 A49
			113600	14 90		110949	12	0.6
			114205	14 40	01.75- 01.85	111221	12	2.5
			110540	14 55		112489	12	2.7
						110536	12	2.7
						01.89- 12.95	111383	12 2.8
							111300	12 1.4
							110942	12 2.5
							110590	12 2.8

Bomag								
INDUSTRI								
BW 211 B 5.7	[F6L912]				01.83- 06.85	110536	12	2.7
					01.83-	116139	12	3.0 A49
					01.83-	116312	12	2.7 BO
					01.83-	116320*	12	2.7 Bosch 11 teeth
Various Models					01.75-	116093	12	4.0
					01.75-	113181	12	2.3

Bombardier								
MISCELLANEOUS								
Various Models						111915	12	0.6
						113681	12	0.6

Bosch								
MOTORS								
DDOD 100 9.6	[F6L413]				04.82- 01.99	112651	24	4.8
DDOD 17 2.0	[F2L912]	04.82-	110641	14 33				
DDOD 27 2.8	[F3L912]	04.82-	110641	14 33	04.82- 01.99	116139	12	3.0 A49
					04.82- 12.91	110536	12	2.7
					01.92- 01.99	112555	12	3.1
					04.82- 01.99	116312	12	2.7 BO
DDOD 36 4.0	[F4L912]	04.82-	110641	14 33	04.82- 01.99	116312	12	2.7 BO
					04.82- 12.91	110536	12	2.7
					01.92- 01.99	112555	12	3.1
					04.82- 01.99	116139	12	3.0 A49
DDOD 46 4.7	[F5L912]	04.82-	110641	14 33				
DDOD 57 5.7	[F6L912]	04.82-	110641	14 33				
DDOD 83 8.0 Diesel	[F5L413FR]				04.82- 01.99	112651	24	4.8

Bova								
TRUCKS EU								
122 12.9	[MX300]	10.06-	114089	28 80	10.06-	114073	24	5.5
		10.06-	114314	28 110	10.06-	115511	24	5.5 A49
		10.06-	115495	28 80 A49				
130 12.9	[MX340]	07.07-	114089	28 80	07.07-	114073	24	5.5
		07.07-	114314	28 110	07.07-	115511	24	5.5 A49
		07.07-	115495	28 80 A49				
	[MX375]	07.07-	114089	28 80	07.07-	114073	24	5.5
		07.07-	114314	28 110	07.07-	115511	24	5.5 A49
		07.07-	115495	28 80 A49				
131 12.9	[MX340]	07.07-	114089	28 80	07.07-	114073	24	5.5
		07.07-	114314	28 110	07.07-	115511	24	5.5 A49
		07.07-	115495	28 80 A49				
141 12.9	[MX340]	07.07-	114089	28 80	07.07-	115511	24	5.5 A49
		07.07-	114314	28 110	07.07-	114073	24	5.5
		07.07-	115495	28 80 A49				
	[MX375]	07.07-	114089	28 80	07.07-	114073	24	5.5
		07.07-	114314	28 110	07.07-	115511	24	5.5 A49
		07.07-	115495	28 80 A49				
DD 130 12.6	[XE355C]	09.04-	115491	28 80 A49	09.04-	113934	24	5.5
		09.04-	115617	28 100 A49				
		09.04-	115618	28 100				
DD 138 12.6	[XE355C]	09.04-	115491	28 80 A49	09.04-	113934	24	5.5
		09.04-	115617	28 100 A49				
		09.04-	115618	28 100				
FHD 10 12.6	[XE250C]	09.01-	113284	28 80	09.01-	113934	24	5.5
		09.01-	115491	28 80 A49				
		09.01-	115617	28 100 A49				
		09.01-	115618	28 100				
FHD 12 12.6	[XE250C]	09.01-	113284	28 80	09.01-	113934	24	5.5
		09.01-	115491	28 80 A49				
		09.01-	115617	28 100 A49				
		09.01-	115618	28 100				
FHD 13 12.6	[XE250C]	09.01-	113284	28 80	09.01-	113934	24	5.5
		09.01-	115491	28 80 A49				
		09.01-	115617	28 100 A49				
		09.01-	115618	28 100				
FLD 12 12.6	[XE250C]	09.01-	113284	28 80	09.01-	113934	24	5.5
		09.01-	115491	28 80 A49				
		09.01-	115617	28 100 A49				
		09.01-	115618	28 100				

* Available while stock last, * Program development.

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FLD 13 12.6	[XE250C]	09.01- 09.01- 09.01- 09.01-	113284 115491 115617 115618	28 80 28 80 A49 28 100 A49 28 100	09.01-	113934	24 5.5	
HD 120 12.6	[XE250C]	10.99- 10.99- 10.99- 10.99-	113284 115491 115617 115618	28 80 28 80 A49 28 100 A49 28 100	10.99-	113934	24 5.5	
HD 122 12.6	[XE250C]	10.99- 10.99- 10.99- 10.99-	113284 115491 115617 115618	28 80 28 80 A49 28 100 A49 28 100	10.99-	113934	24 5.5	
BPM								
MARINE								
Arctic 157		01.62- 12.87	110641	14 33				
Arctic 157 181						116013	12 1.8	
						115470	12 1.8 A49	
Arctic 181		01.62- 12.87	110641	14 33				
Ionic 127						115470	12 1.8 A49	
						116013	12 1.8	
Ionic 144						115470	12 1.8 A49	
						116013	12 1.8	
Ionic 144		06.62- 12.88	110641	14 33				
Oceanic 235		01.63- 12.87	110641	14 33		116013	12 1.8	
						115470	12 1.8 A49	
Oceanic 265 S		01.63- 07.92	110641	14 33		116013	12 1.8	
V12 / 570		06.72- 07.92	110641	14 33				
V12 / 620 S		06.72- 07.92	110641	14 33				
Various Models						115423	12 3.0	
Vulcano 375		06.68- 07.92	110641	14 33				
Vulcano 450		06.68- 07.92	110641	14 33				
Briggs & Stratton								
MOTORS								
Vanguard V-Twin						114716	12	
Various Models			115319	14 45		113539	12	
						115592	12 0.6	
						115591	12	
						114520	12	
						112242	12 0.6	
						112563	12 0.8	
						110634	12 0.65	
						110635	12 0.5	
						113853	12 0.5	
						114517	12	
						114519	12 1.0	
						115469	12 0.7	
Buhrer								
AGRICULTURE								
Various Models					01.71-	110439	12 2.0	
						116137	12 2.8 A49	
					01.72- 01.73	110462	12 2.8	
Buick								
PASSENGER CARS EU								
Century 5.7 Limited	[LF9]	04.78- 12.79 01.82- 01.83 01.82- 01.83 01.83- 01.86 01.84- 01.86 01.84- 01.86 01.87- 01.92 AC 01.82- 01.83	110504 110233 110505 110508 110471 110492 110499 110235	14 90 14 63 14 75 14 78 14 94 14 108 14 100/105 14 80				
Lesabre 3.8	[L36]	01.99-	111220	14 105				
Park Avenue 3.8	[L27]	01.91-	111220	14 105				
Skylark 2.8	[LE2]	01.79- 12.82 04.79- 12.82 01.80- 12.82	110505 110504 110235	14 75 14 90 14 80	04.79- 12.82	110221	12 1.2	
Skylark 3.3 V6	[LG7]	09.89- 01.91	110724	14 60				
Various Models					01.77- 01.80	110218	12	
						110221	12 1.2	
					01.64- 01.80	112897	12 1.7	
BUKH								
MARINE								
2G105			111397	14 45				
3G105			111397	14 45				
4K105			111397	14 45				
6K105			111397	14 45				
DV10			111397	14 45				
DV10ME			111397	14 45				
DV10SME			111397	14 45				
DV20			111397	14 45				
DV20ME			111397	14 45				
DV20SME			111397	14 45				
DV36			111397	14 45				
DV36ME			111397	14 45				
DV36SME			111397	14 45				
DV48ME			111397	14 45				
Various Models			113631	14 90		113307	12 1.2	
			111397	14 45		111398	12 1.2	
Cadillac								
PASSENGER CARS EU								
BLS 1.9 Diesel	[Z19DTH]	04.06-	114284	14 130	04.06-	113931	12 1.7	
BLS 2.8 Turbo	[Z28NET]				12.07-	115745	12 2.2	
BLS 2.8 Turbo AWD	[Z28NET]				10.08-	115745	12 2.2	
Commercial 5.7						112897	12 1.7	
Escalade 5.8	[LO5]				10.98-	112240	12 1.7	
					10.98-	112912	12 1.6	

STARTERS & ALTERNATORS

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Application list

Carbodies							
PASSENGER CARS EU							
FI 2.5 Diesel	[25V]					01.85- 12.89	110464 12 2.1
FX4 2.5 Diesel	[25V]					09.85- 12.89	110464 12 2.1
Carrier Transcold							
INDUSTRI							
Genesis TM1000	[CT4-134]		116314*	14 65			114333 12 2.2
Genesis TM800			114084	14 70			
Genesis TM900	[CT4-134]	01.00-	116314*	14 65			
Genesis TR100	[CT4-134-TV]		116314*	14 65			
Supra			114084	14 70			
MOTORS							
500	[CT4-114]						110940 12 1.4
							110938 12 1.4
PLUS	[CT4-114]						110938 12 1.4
Various Models							111299 12 1.4
							110604 12 2.8
Case							
AGRICULTURE							
100 B						10.72- 12.79	111752 12 2.7
110	[Cummins 6BT]	05.97-	111843	14 95			
		05.97-	111888	14 65			
120	[Cummins 6BT]	05.97-	111843	14 95			
		05.97-	111888	14 65			
125 B						10.72- 12.79	111752 12 2.7
135	[Cummins 6BT]	05.97-	111843	14 95			
		05.97-	111888	14 65			
170 6.7		01.10-	115682	14 200			
185 6.7		01.10-	115682	14 200			
200 6.7		01.10-	115682	14 200			
215 6.7		01.10-	115682	14 200			
221						10.72- 12.79	111752 12 2.7
250						01.57- 01.61	110438 12 2.1
275						01.59- 01.68	110438 12 2.1
276						01.69- 01.72	110438 12 2.1
305	[Cummins MU7]	01.06-	114469	14 175			
321		10.76-	110641	14 33		11.72- 06.86	111752 12 2.7
		01.86-	110077	14 50			
384		01.67- 01.82	110178	14 36			
414						01.61- 01.66	110438 12 2.1
421		01.86-	110641	14 33		10.76-	111752 12 2.7
						10.76-	113269 12 3.0
431		01.86-	110077	14 50		11.72- 12.85	111752 12 2.7
		01.72-	110641	14 33			
433		02.77-	116131	14 33 A49		01.86-	112135 12 3.1
		02.77- 12.85	111662	14 33			
434						01.69-	116010
						01.69- 01.73	110438 12 2.1
444						01.72- 01.78	110438 12 2.1
450 C		01.89- 01.94	111888	14 65		01.87- 01.94	110627 12 2.5
		01.89- 01.94	111843	14 95			
454		01.72-	111185	14 43 A47		01.72-	112660 12 2.8
		01.72-	110178	14 36			
455		01.89- 01.94	111888	14 65			
		01.89- 01.94	112170	28 45			
		01.89- 01.94	111843	14 95			
474			111185	14 43 A47			112660 12 2.8
		01.72-	110178	14 36			
475		01.82-	111185	14 43 A47			
480 CK		01.89- 01.94	111888	14 65		01.79- 01.88	110627 12 2.5
		01.89- 01.94	111843	14 95			
484		01.82-	111185	14 43 A47			
485		01.85- 01.90	111713	14 105			
		01.82-	111185	14 43 A47			
485		01.89- 01.93	110508	14 78		01.89- 01.93	112660 12 2.8
		01.89-	111185	14 43 A47			
500		01.75- 01.78	110178	14 36			
531		10.76- 06.86	110641	14 33		01.86- 06.86	111752 12 2.7
		01.86-	110077	14 50			
533		02.77-	116131	14 33 A49		01.86-	112135 12 3.1
		02.77- 12.85	111662	14 33			
540		01.88- 01.03	116131	14 33 A49			
		01.88-	111662	14 33			
554		01.86-	110641	14 33		04.73-	111752 12 2.7
		01.86-	110077	14 50			
574		01.72-	110178	14 36		01.72-	112660 12 2.8
		01.72-	111185	14 43 A47		01.72-	111752 12 2.7
580		01.89- 01.94	111888	14 65		01.82-	110818 12 2.1
		01.82- 01.94	111843	14 95		01.84- 01.92	113725 12 2.5
						01.79- 01.87	110627 12 2.5
580 C,D	[188D,207D]	01.83- 01.88	110952	28 40		01.83- 01.88	112660 12 2.8
						01.83- 01.88	110818 12 2.1
584		01.77- 01.80	110178	14 36		01.82-	112660 12 2.8
		01.82-	111185	14 43 A47			
585		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
590 CK						01.92-	113725 12 2.5
590 L						01.92-	113725 12 2.5
644		02.79-	110641	14 33		01.86- 06.86	111752 12 2.7
		01.86-	110077	14 50			
674		01.72-	110178	14 36		01.72-	112660 12 2.8
		01.72-	111185	14 43 A47			
680		01.83- 01.88	110952	28 40		01.83- 01.88	113429 12 4.2
684		01.77- 01.80	110178	14 36		01.82-	112660 12 2.8
		01.82-	111185	14 43 A47			
685		01.82-	111185	14 43 A47		01.82-	112660 12 2.8
685 L			111185	14 43 A47			
724						04.73- 02.75	111752 12 2.7



743						04.80- 12.85	111752	12 2.7
743 XL						07.81- 12.85	111752	12 2.7
743 XLA						07.81- 12.85	111752	12 2.7
744	02.74- 06.84	110641	14 33			02.74- 06.84	111752	12 2.7
745 S						04.80- 12.85	111752	12 2.7
745 X						07.81- 12.85	111752	12 2.7
745 XLS						07.81- 12.85	111752	12 2.7
780	01.83- 01.88	110952	28 40					
784	01.82-	111185	14 43 A47			01.82-	112660	12 2.8
785	01.82-	111185	14 43 A47			01.82-	112660	12 2.8
824						06.73- 02.74	111752	12 2.7
833	09.81-	116131	14 33 A49			09.81-	112135	12 3.1
	09.81-	111662	14 33					
833 A	09.81-	116131	14 33 A49			09.81-	112135	12 3.1
	09.81-	111662	14 33					
834						06.73- 02.74	111752	12 2.7
844	01.86- 12.90	110641	14 33			01.86- 12.90	111752	12 2.7
	01.86- 12.90	110077	14 50					
850 G/D/E	01.89- 01.94	111888	14 65			01.89- 01.94	116072	24 5.5
	01.89- 01.94	112170	28 45			01.89- 01.94	110818	12 2.1
	01.72- 01.78	110427	28 22 PL					
	01.89- 01.94	111843	14 95					
880						01.86-	112169	24 4.5
884							112660	12 2.8
885	01.89- 01.94	111888	14 65			01.72- 01.83	112660	12 2.8
	01.72-	111185	14 43 A47					
	01.72- 01.83	110178	14 36					
895							112660	12 2.8
946	01.71- 01.77	110641	14 33			04.73- 08.79	111752	12 2.7
956 XL	01.85-	112098	14 65			01.85-	111752	12 2.7
988	11.96-	112170	28 45					
990		111185	14 43 A47			01.69-	110818	12 2.1
	01.75-	110178	14 36					
995		111185	14 43 A47			01.72-	110818	12 2.1
							112660	12 2.8
996	01.75-	110178	14 36			01.76-	110818	12 2.1
		111185	14 43 A47					
1000	01.71- 01.75	110641	14 33					
1046						04.73- 08.79	111752	12 2.7
1056	01.86-	112098	14 65					
1150	01.89- 01.94	111888	14 65					
	01.89- 01.94	112170	28 45					
	01.73- 01.78	110427	28 22 PL					
	01.89- 01.94	111843	14 95					
1150 E/G	01.89- 01.94	111888	14 65			01.89- 01.94	116072	24 5.5
	01.89- 01.94	112170	28 45					
	01.89- 01.94	111843	14 95					
1155 E	01.89- 01.94	111888	14 65					
	01.89- 01.94	111843	14 95					
1190	01.83-	111185	14 43 A47					
1194		111185	14 43 A47					
1200						01.69- 01.71	110818	12 2.1
1210	01.75-	110178	14 36			01.72- 01.81	110818	12 2.1
1212	01.72- 01.75	110178	14 36			01.72- 01.81	110818	12 2.1
1290		111185	14 43 A47			01.80- 01.83	110818	12 2.1
	01.80- 01.82	110179	14 36					
1294 3.6						01.84- 06.89	110818	12 2.1
1390	01.79- 01.85	110179	14 36			01.80- 01.83	110818	12 2.1
		111185	14 43 A47					
1394	01.80- 01.88	111204	14 70			01.84-	110818	12 2.1
		111185	14 43 A47				115391	12 4.2
	01.84-	113574	14 65					
	01.84-	110968	14 70					
1410	01.75- 01.81	110178	14 36					
1412	01.75- 01.81	110178	14 36					
1450	01.79- 01.86	110952	28 40 PL					
	01.72- 01.78	110427	28 22 PL					
1490	01.84-	111185	14 43 A47			01.80- 01.83	110818	12 2.1
1494	01.84-	113574	14 65			01.84-	115391	12 4.2
	01.79- 01.87	111185	14 43 A47					
	01.79- 01.87	111204	14 70					
	01.84-	110968	14 70					
1550	01.89- 01.94	111888	14 65					
	01.89- 01.94	111843	14 95					
1594	01.84-	113574	14 65					
	01.83- 01.88	111204	14 70					
	01.84-	110968	14 70					
1620							113429	12 4.2
1640							113429	12 4.2
1644							113429	12 4.2
1666							113429	12 4.2
1680							113429	12 4.2
1688							113429	12 4.2
1690	01.79- 01.85	111185	14 43 4WD, A47			01.84-	110818	12 2.1
	01.79- 01.85	110179	14 36 2WD			01.85- 01.92	113429	12 4.2
1694	01.84-	113574	14 65					
	01.79- 01.87	111204	14 70					
	01.84-	110968	14 70					
1840						01.90- 01.93	113725	12 2.5
1845 C						01.87- 01.96	113725	12 2.5
2144	01.94- 01.97	112773	14 135			01.94- 01.96	113429	12 4.2
	01.94-	113999	14 150 IS					
2155 8.3	[6CTA]	05.97-	112773	14 135		01.96-	113429	12 4.2
		05.97-	113999	14 150 IS				
2166 8.3	[6CTA]	01.94-	112773	14 135		01.94- 01.96	113429	12 4.2
		01.94-	113999	14 150 IS				

STARTERS & ALTERNATORS

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* Available while stock last, * Program development.



Application list

CASE Continued

2188 8.3	[6CTA]	01.94- 01.94- 01.94- 01.97- 01.98	112773 113999 115530 112773	14 135 14 150 IS 14 130 Ford 14 135	01.94- 01.96	113429	12 4.2
2344 5.9		01.97- 01.98	113999	14 150 IS			
2366 8.3	[6CTA]	05.97- 05.97-	112773 113999	14 135 14 150 IS	01.97-	113429	12 4.2
2388 8.3	[6CTAA]	05.97- 01.98	112773	14 135			
		05.97-	113999	14 150 IS			
		05.97-	115530	14 130 Ford, Fiat			
2555 8.3		05.97-	112773	14 135			
		05.97-	113999	14 150 IS			
3400 GD					09.69- 12.86	111752	12 2.7
3500 GD					09.69- 12.86	111752	12 2.7
4200		01.93-	111289	14 70		112660	12 2.8
5120 Maxxum	[6T-590]	01.90- 01.90-	111843 111888	14 95 14 65			
5130	[6T-590]				01.90- 01.91 06.90-	113429 114449	12 4.2 12 4.0
5130 Maxxum	[6T-590]	01.90- 01.90-	111843 111888	14 95 14 65	01.90-	111885	12 3.1
5140	[6T-590]				01.90- 01.91 06.90-	113429 114449	12 4.2 12 4.0
5140 Maxxum	[6T-590]	01.90- 01.90-	111843 111888	14 95 14 65	01.90-	111885	12 3.1
5150 Maxxum	[6T-590]				06.90-	111885	12 3.1
6000					01.85- 01.92	113725	12 2.5
6500					01.97- 01.00	113429	12 4.2
					01.85- 01.92	113725	12 2.5
7120 8.3	[6CT]	01.98- 01.03 01.98- 01.03	112773 113999	14 135 14 150 IS	01.87- 01.93	113429	12 4.2
7130 8.3	[6CT]	01.98- 01.03 01.98- 01.03	112773 113999	14 135 14 150 IS	01.87- 01.93	113429	12 4.2
7140 8.3	[6CTA]	01.98- 01.03 01.98- 01.03	112773 113999	14 135 14 150 IS	01.87- 01.93	113429	12 4.2
8920 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat			
8930 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat	01.96-	113429	12 4.2
8940 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat			
8950 8.3	[6CTA]	05.97- 05.97- 05.97-	112773 113999 115530	14 135 14 150 IS 14 130 Ford, Fiat			
9150	[6-611]				01.86- 01.90	112089	12
9180	[6-855]				01.86- 01.90	112089	12
9250	[6-611]				01.90- 01.95	112089	12
9260	[6-611]				01.90- 01.95	112089	12
9270	[6-855]				01.90- 01.95	112089	12
9280	[6-855]				01.90- 01.95	112089	12
170 CBX			113552	14 120			
170 CVX 6.7		01.10-	115682	14 200			
180 CVX 6.7		01.10-	115682	14 200			
185 CVX 6.7		01.10-	115682	14 200			
200 CVX 6.7		01.10-	115682	14 200			
215 CVX 6.7		01.10-	115682	14 200			
225 CVX 6.7		01.10-	115682	14 200			
230 CVX 6.7		01.10-	115682	14 200			
420CT 3.2	[432T/M]	01.08-	115680	14 95	01.08-	114002	12 4.2
650 HD Yumbo		01.78-	111035	14 65			
821B 8.3	[6CT]	06.96-	112493	28 65			
CS 660 8.3	[Cummins]					115721	12 4.2
CVX Series			115718	14 140			
DX18E			115342	14 40			
DX22E			115342	14 40			
DX25E			115342	14 40			
DX26			115342	14 40			
E833		01.86- 01.86-	116131 111662	14 33 A49 14 33	01.86- 12.90	112135	12 3.1
E833 A		01.86- 01.86-	116131 111662	14 33 A49 14 33	01.86- 12.90	112135	12 3.1
Farmall			114450	14 120			
JX100U			114384	14 85			
JX70U			114384	14 85			
JX80U			114384	14 85			
JX90U			114384	14 85			
MX		01.95- 01.02	111843	14 95			
MXM Series					01.02-	114447	12 3.0
STX280			114698	14 175			
V433		01.86- 01.86-	116131 111662	14 33 A49 14 33	01.86-	112135	12 3.1
V533		01.86- 01.86-	116131 111662	14 33 A49 14 33	01.86-	112135	12 3.1
Various Models	[6-411]					114050	12 4.2
		01.70- 01.92	110300	28 65		115447	24 7.5
			116126	14 65	01.85- 01.92	111760	24 4.5
			114191	14 90	01.72-	112660	12 2.8
		01.65-	110484		01.65-	114399	12 2.7
			113552	14 120	01.90- 01.98	112169	24 4.5
		01.65-	114518	14 55	01.57- 01.78	110438	12 2.1
		01.89- 01.94	112170	28 45	01.78- 01.89	110627	12 2.5
		01.72- 01.85	110504	14 90	01.65- 01.88	112243	24
					01.74- 01.80	111259	12 1.3
					01.65-	114196	24 4.0

Available while stock last, * Program development.

O.E.M. names and numbers are used for reference purposes only.



					01.83-	110999	24		
					03.75- 01.88	110523	24 4.8		
					05.82	111752	12 2.7		
						110818	12 2.1		
						113429	12 4.2		
					01.87- 01.92	113184	24 4.0		
						116139	12 3.0 A49		
						116086	12 2.7 A49		
						116312	12 2.7 B0		
					05.79- 12.86	110536	12 2.7		
W20E 6.0	[6BT]	05.96-	112493	28 65					
			114896	14 120					
INDUSTRI									
1150K	[668TA-M2]					114695	24 7.5		
621D	[668TA-M2]					114695	24 7.5		
721D	[668TA-M2]					114695	24 7.5		
850K	[668TA-M2]					114695	24 7.5		
B100		01.73- 01.86	110178	14 36					
B115 Excavator		01.75- 01.84	110766	28 27					
B160 CL Excavator		06.76- 01.85	110766	28 27					
B165 Excavator		01.77- 01.82	110178	14 36					
B60 Excavator		03.76- 02.88	110766	28 27					
B75 Excavator		06.76- 02.88	110766	28 27					
B90 Excavator		03.75- 02.88	110766	28 27					
BTD 6 Crawler		01.72-	110178	14 36					
BTD 8 Crawler		01.72-	110178	14 36					
CX17B Diesel	[mitsubishi Equipped]		114079	14 40		114696	12 1.2		
						114444	12 1.6		
CX27B Excavator	[3TNV82]				01.05-	114281	12 1.7		
CX31B Excavator	[3TNV88]				01.05-	114281	12 1.7		
JS200	[Isuzu 4HK1/ I4HK1T]					114659	24 5.0		
JS220	[Isuzu 4HK1/ I4HK1T]					114659	24 5.0		
LW780	[668TA-M2]					114695	24 7.5		
TD6 Crawler		01.73- 01.74	110178	14 36					
TD8 Crawler		01.73-	110178	14 36					
Various Models		01.70- 01.92	110300	28 65		114748	12 1.4		
			116010	14 95		116072	24 5.5		
			114759	14 55					
			114191	14 90					
			110801	28 45					
W130	[668TA-M2]					114695	24 7.5		
W14		01.83- 01.92	110952	28 40					
W18		01.83- 01.92	110952	28 40	01.73- 01.84	110999	24		
W24		01.83- 01.92	110952	28 40	01.73- 01.84	110999	24		
W30		01.83- 01.92	110952	28 40					
W36		01.83- 01.92	110952	28 40					
Case IH									
AGRICULTURE									
170 6.7			114228	14 150					
200 6.7			114228	14 150					
215 6.7						114225	12 1.6		
235 8.7						114480	12 4.2		
260 8.7						114480	12 4.2		
290 8.7						114480	12 4.2		
315 8.7						114480	12 4.2		
340 8.7						114480	12 4.2		
Caterpillar									
AGRICULTURE									
75					01.91- 12.97	113695	24 6.0		
85					01.95- 12.97	113695	24 6.0		
906 Diesel	[Perkins 3054]		114218	14 55		115323	12 2.7		
908 Diesel	[Perkins 3054]		114218	14 55		115323	12 2.7		
311D,312D,312D L,315D L 319D 319D L			114683	28 80					
			115831*	14 55					
			115995	28 50					
416C Diesel	[Perkins 3054]		114218	14 55					
426C Diesel	[Perkins 3054]		114218	14 55					
436C Diesel	[Perkins 3054]		114218	14 55					
D4C Diesel	[Perkins]		114218	14 55					
Farm 35		01.94-	112996	14 115					
Farm 45		01.94-	112996	14 115					
Farm 55		01.95-	112996	14 115					
Various Models			114188	14 90		114280	24 3.2		
						114718	12 1.4		
			115724	14 45	01.79-	110449	12 3.6 A49		
			115812	14 130					
			115995	28 50					
FORK LIFTS									
DP40 Mitsubishi	[S6E/S6S]					114169	24 5.0		
V160		01.86- 12.89	112989	14 60					
V180		01.86- 12.89	112989	14 60					
V200		01.86- 12.89	112989	14 60					
V225		01.86- 12.89	112989	14 60					
V250		01.86- 12.89	112989	14 60					
V300		01.86- 12.89	112989	14 60					
V330		01.86- 12.89	112989	14 60					
V60E	[Perkins 4-236]				01.85- 01.91	113172	12 2.0		
V80E	[Perkins 4-236]				01.85- 01.91	113172	12 2.0		
MARINE									
3116			114351	14 200					
3126			114351	14 200					
3176			112265	28 100					
			112294	28 110					
3208			112989	14 60					
			110801	28 45					



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CATERPILLAR Continued

3304			110591	28	75				
			110801	28	45				
			112989	14	60				
			113549	28	35				
3306			110591	28	75				
			110801	28	45				
			112989	14	60				
			113549	28	35				
3406			112989	14	60				
			110801	28	45				
			110591	28	75				
			113549	28	35				
3408			110801	28	45				
			112989	14	60				
			113549	28	35				
3412			110591	28	75				
			113549	28	35				
			112989	14	60				
			110801	28	45				
3508			110591	28	75				
			110801	28	45				
3512			110591	28	75				
			110801	28	45				
3516			110801	28	45				
			110591	28	75				
3176B			113549	28	35				
3176C			113549	28	35				
3196C			113549	28	35				
3406B			113549	28	35				
3406C			113549	28	35				
INDUSTRI									
910 Wheel loader								114309	12 4.0
916 Wheel loader								114309	12 4.0
931 Track Loader	[3204]							114309	12 4.0
200 Serie Skid Steer Loader	[Perkins 3034]							115323	12 2.7
248B	[3044T]		114902	14	90				
320B 320C 6.7 Diesel	[3066T]	01.96-	115995	28	50	01.96-	114445	24	5.0
		01.96-	116164	28	50				
420D Diesel	[Perkins]		113967	14	120				
914G Diesel Wheel Loader		01.95- 01.03	114364	28	70				
935C Track Loader	[3046]							114309	12 4.0
D3B Track Tractor	[3204]					01.71- 01.78	111000	24	6.5
M322C	[3056E]		114714	28	80				
M322C			114302	28	75				
TH Serie	[Perkins 3054]							115323	12 2.7
Various Industrial applications			115831*	14	55			114718	12 1.4
			114683	28	80			114309	12 4.0
								114870	12 2.2
Various Models		01.72- 01.93	110801	28	45			114268	24 4.5
			115385	28	95				
MOTORS									
3114						01.91- 12.93	113695	24	6.0
						01.91- 01.93	110944	24	5.5
3116						01.91- 12.93	113695	24	6.0
						01.91- 01.93	110944	24	5.5
3176		01.97	113549	28	35				
						01.86- 01.99	112089	12	
						01.85- 12.93	113695	24	6.0
3208		01.74-	110937	14	200	01.75- 01.84	110999	24	
		01.86- 12.89	112989	14	60				
		01.86- 01.95	111261	28	50				
		01.86- 01.90	110801	28	45				
3304		01.86- 12.89	112989	14	60				
		01.86- 01.90	110801	28	45				
3306		01.75- 01.84	113549	28	35	01.75- 01.84	110999	24	
		01.74-	110937	14	200				
		01.86- 12.89	112989	14	60				
		01.70- 01.93	111261	28	50				
		01.86- 01.00	110801	28	45				
3406		01.74-	110937	14	200	01.86- 01.99	112089	12	
		01.86- 12.89	112989	14	60	01.85- 12.97	113695	24	6.0
		01.86- 01.97	111261	28	50				
		01.86- 01.90	110801	28	45				
3408		01.74-	110937	14	200				
		12.86- 12.89	112989	14	60				
		01.86- 01.90	110801	28	45				
3412		01.86- 12.89	112989	14	60				
		01.86- 01.90	110801	28	45				
3508		01.86- 01.93	110801	28	45				
3512		01.86- 01.96	110801	28	45				
3516		01.86- 01.93	110801	28	45				
MISCELLANEOUS									
1693		01.71- 01.79	111261	28	50				
1694						01.74- 01.79	110999	24	
304CR	[S3L]						113995	12	1.7
C7		01.74-	110937	14	200				
		01.99-	114043	14	55				
IT12B						01.89- 12.93	113695	24	6.0
IT24B						01.89- 12.96	113695	24	6.0
Various Models			115385	28	95	02.93-	110999	24	
		01.79- 01.92	110801	28	45				
			115794	28	95				



Various Models		01.70- 01.93	111261	28	50		110941	12	2.5	
		01.72- 01.97	110591	28	75	01.71- 01.79	110999	24		
		01.72- 01.00	110801	28	45	01.85-	111000	24	6.5	
		01.92- 01.97	113310	14	50	01.94- 01.98	112323	24	5.0	
		01.94- 01.95	112996	14	115	01.68- 01.90	110436	12		
		01.66- 01.73	110427	28	22		111190	12		
		01.86- 12.89	112989	14	60		114168	12	1.2	
		01.80- 01.97	113549	28	35		114280	24	3.2	
		01.92- 01.97	112294	28	110		112233	12		
		01.86- 01.97	112261	28	60	01.76- 01.79	110347	24	7.5	
			114188	14	90	01.79-	110449	12	3.6 A49	
			114347	28	150	01.95- 12.00	111793	12	3.0	
			115794	28	95		110961	12	2.5	
							110962	12	2.0	
						01.82- 01.86	110626	12	1.4	
					01.92- 01.94	113194	24	3.2		
						113669	24	5.0		
					01.89- 12.92	113695	24	6.0		
Challenger										
MARINE										
Various Models										
						111918	12	0.6		
Chang Feng (Liebao)										
AGRICULTURE										
3320										
		01.92-	110621	14	55	01.92-	114254	12	2.7 GR	
						01.92-	116134	12	3.0 A49	
						01.92-	110545	12	3.0	
Chevrolet										
PASSENGER CARS EU										
Avalance 5.3										
						01.02- 12.02	112902	12	1.2	
Aveo 1.2	[A12XEL]					A25 03.11-	115646	12	1.1	
						03.11-	115395	12	1.1	
						03.11-	115645	12	2.0	
						03.11-	115395	12	1.1	
						03.11-	115645	12	2.0	
		[A12XER]								
		[B12D1]	04.08-	111847	14	65	01.08-	113860	12	0.8
			04.08-	115366	14	80				
		[F12S3]	03.06- 12.07	111847	14	65	03.06-	113860	12	0.8
		03.06-	115366	14	80					
	[LMU]	04.08-	111847	14	65	01.08-	113860	12	0.8	
		04.08-	115366	14	80					
	[LQ5]	03.06- 12.07	111847	14	65	03.06-	113860	12	0.8	
		03.06-	115366	14	80					
Aveo 1.2 LPG	[A12XER]					11.12-	115395	12	1.1	
						11.12-	115646	12	1.1	
	[B12D1]					04.08-	113860	12	0.8	
	[LMU]					04.08-	113860	12	0.8	
Aveo 1.2 16V	[B12D1]					04.08-	113860	12	0.8	
	[LMU]					04.08-	113860	12	0.8	
Aveo 1.2 BiFuel LPG	[LMU]					04.08-	113860	12	0.8	
Aveo 1.3 Diesel	[LDV]	07.11-	116022	14	140	07.11-	115570	12	1.4	
	[LSF]	07.11-	116022	14	140	07.11-	115570	12	1.4	
Aveo 1.4	[A14XER]	04.08-	114350	14	85	03.11-	115645	12	2.0	
		03.11-	114728	14	100	03.11-	115395	12	1.1	
					04.08-	111123	12	0.9		
					03.06-	111123	12	0.9		
		[F14D3]	03.06-	114350	14	85	03.06-	111123	12	0.9
		[F14D4]	01.08-	114350	14	85	04.08-	111123	12	0.9
	[LDT]	04.08-	114350	14	85	04.08-	111123	12	0.9	
Aveo 1.6	[F16D4]	03.11-	114779	14	100	A25 03.11-	116257	12	1.7	
						03.11-	114298	12	1.1	
Bel air						01.95- 12.97	112897	12	1.7	
Beretta 2.2	[LN2]	01.91-	110503	14	100/105					
Beretta 2.3 16V	[LGO]	09.90- 01.92	110499	14	100/105					
Beretta 3.1 V6	[LHO]					01.89-	110221	12	1.2	
Blazer 4.3 V6	[L35]	01.94- 01.96	112639	14	100/105	01.94-	112240	12	1.7	
Blazer S 4.3 V6	[LB4]	09.88- 08.94	112629	14	100/105					
		01.93- 01.94	112639	14	100/105					
Camaro 3.4 V6	[L32]	01.94- 01.95	111854	14	105	12.92- 12.95	111034	12	1.2	
Camaro 5.0	[LG4]	01.87-	110498	14	100/105	01.78- 11.81	110414	12		
		01.88- 01.89	110985	14	100/105					
		01.90- 01.92	110500	14	100/105					
		07.98-	111712	14	105					
Camaro 5.7 V8	[LT1]	01.90- 01.92	112629	14	100/105					
Camaro 5.7						01.95- 12.96	112897	12	1.7	
						01.98- 12.01	112906	12	1.7	
Caprice 5.0	[LG4]					01.81- 12.83	110414	12		
Captiva 2.0 Diesel 4x4	[Z20S]					10.06-	114159	12	1.8	
Captiva 2.2 Diesel	[Z22D1]	03.11-	115761	14	140	03.11-	115571	12	2.2	
Captiva 2.2 Diesel 4x4	[A22DMH]					03.11-	115571	12	2.2	
	[Z22D1]	03.11-	115761	14	140	03.11-	115571	12	2.2	
Captiva 3.2 4WD	[10HM]	06.06-	114235	14	120					
Corsica 2.2	[LN2]	01.91-	110503	14	100/105					
Corvette 2.8						01.97- 12.01	112906	12	1.7	
Cruze 1.4	[A14NET]					10.13-	115645	12	2.0	
	[A14XER]					07.13-	115645	12	2.0	
	[LDD]					07.13-	115645	12	2.0	
						06.12-	115645	12	2.0	
			08.12-	116390*			A25 08.12-	115646	12	1.1
						06.12-	115395	12	1.1	
Cruze 1.6	[F16D4]	05.09-	114779	14	100	05.09-	114298	12	1.1	
		05.09-	115410	14	100					
	[LDE]	05.09-	114779	14	100	05.09-	114298	12	1.1	
Cruze 1.7 Diesel	[LUD]	A25 01.12-	115396*	14	140	01.12-	115830	12	2.0	
Cruze 1.7 TD	[A17DTE]	11.13-	115396*	14	140	08.13-	115830	12	2.0	
	[LUD]	08.12-	115396*	14	140	08.12-	115830	12	2.0	
Cruze 1.8	[2H0]	08.12-	114779	14	100	08.12-	114298	12	1.1	
	[F18D4]	05.09-	114779	14	100	06.11-	114298	12	1.1	
		05.09-	115410	14	100					

STARTERS & ALTERNATORS



Application list

CHEVROLET *Continued*

Cruze 1.8 LPG	[F18D4]	06.11-	114779	14 100		06.11-	114298	12 1.1	
		06.11-	115410	14 100					
Cruze 1.8 BiFuel LPG	[2H0]	06.11-	114779	14 100		06.11-	114298	12 1.1	
	[F18D4]	06.11-	114779	14 100		06.11-	114298	12 1.1	
Cruze 2.0 CDI	[LNP]	08.10-	115761	14 140		08.10-	115571	12 2.2	
	[Z20D1]	08.10-	115761	14 140		08.10-	115571	12 2.2	
	[Z20DMH]	05.09-	115911	14 140		05.09-	114159	12 1.8	
	[Z20S1]	05.09-	115911	14 140					
Cruze 2.0 TD	[LNP]	08.12-	115761	14 140		08.12-	115571	12 2.2	
Epica 2.0 Diesel	[Z20S]	01.07-	115380	14 120		01.07-	114159	12 1.8	
Evanda 2.0	[X20SED]	03.05-	113498	14 80		03.05-	111848	12 1.0	
Impala 5.7						01.95- 12.97	112897	12 1.7	
Kalos 1.2	[B12S1]	03.05-	111847	14 65		03.05-	113860	12 0.8	
		03.05-	115366	14 80					
Kalos 1.4	[F14S3]	03.05- 09.06	114350	14 85		03.05-	111123	12 0.9	
Kalos 1.4 16V	[F14D3]	03.05-	114350	14 85		03.05-	111123	12 0.9	
		AC 06.06- 05.08	114350	14 85		06.06- 05.08	113276	12 1.1	
Lacetti 1.4 16V	[F14D3]	03.05-	114350	14 85		03.05-	111123	12 0.9	
Lacetti 1.6	[F16D3]	03.05-	114350	14 85		03.05-	111123	12 0.9	
Lacetti 1.8	[F18D3]	08.05-	114350	14 85		08.05-	111123	12 0.9	
	[T18SED]	03.05-	114350	14 85		03.05-	111848	12 1.0	
Lanos 1.5		11.05- 12.10	113350	14 85		11.05- 12.10	113276	12 1.1	
Malibu 2.0 Diesel	[LBS]					04.12-	113931	12 1.7	
Malibu 2.4	[LE9]					01.12-	115575	12 1.4	
Malibu 3.8	[LC3]	01.80- 01.82	110235	14 80		01.80- 01.81	110414	12	
		01.80- 12.83	110504	14 90					
		01.83-	110508	14 78					
Malibu 5.0	[LG4]	01.80- 01.82	110235	14 80		01.80-	110414	12	
		01.80- 12.83	110504	14 90					
		01.83-	110508	14 78					
Matiz 0.8	[F8CV]	03.05-	116302*	14 65		03.05-	111849	12 0.8	
Matiz 0.8 LPG	[F8CV]	03.05-	114114	14 65					
		03.05-	116302*	14 65					
		03.05-	114114	14 65		03.05-	113860	12 0.8	
Matiz 1.0	[B10S]	03.05-	114114	14 65		03.05-	113860	12 0.8	
	[B10S1]	03.05-	114114	14 65 ▲		03.05-	113860	12 0.8	
Matiz 1.0 LPG	[B10S1]	03.05-	114114	14 65 ▲					
Nubira 1.4	[F14D3]	01.05-	114350	14 85					
		01.06-	114412	14 85					
Nubira 1.6	[F16D3]	03.05-	114350	14 85		03.05-	111123	12 0.9	
Nubira 1.8	[F18D3]	08.05-	114350	14 85		08.05-	111123	12 0.9	
		08.05-	114412	14 85					
		03.05-	114350	14 85		03.05-	111848	12 1.0	
Nubira 2.0 Diesel	[Z20DM]	01.07-	115380	14 120		01.07-	114159	12 1.8	
	[Z20S]	01.07-	115380	14 120		01.07-	114159	12 1.8	
Orlando 1.4	[LUJ]					A25 06.12-	115645	12 2.0	
Orlando 1.8	[2H0]	02.11-	114779	14 100		02.11-	114298	12 1.1	
	[F18D4]	02.11-	114779	14 100		02.11-	114298	12 1.1	
Orlando 1.8 BiFuel LPG	[2H0]	06.11-	114779	14 100		06.11-	114298	12 1.1	
Orlando 2.0 VCDI	[Z20D1]	02.11-	115761	14 140		02.11-	115571	12 2.2	
Rezzo/Tacuma 1.6	[A16DMS]	03.05-	113350	14 85		03.05-	112431	12 1.1	
						03.05-	111123	12 0.9	
Rezzo/Tacuma 2.0	[T20SED]	03.05-	113498	14 80		03.05-	111848	12 1.0	
S10 2.2	[L43]	01.94- 01.97	112614	14 105					
S10 4.3 4x4	[L35]	01.98- 01.00	112665	14 100					
Spark 1.0 SX	[B10S1]	05.05-	114114	14 65		05.05-	113860	12 0.8	
Spark 1.0 LPG	[B10D1]					07.10-	113860	12 0.8	
Spark 1.0 BiFuel LPG	[B10D1]					03.10-	113860	12 0.8	
Spark 1.2	[B12D1]					03.10-	113860	12 0.8	
	[LMU]					03.10-	113860	12 0.8	
Spark 1.2 BiFuel LPG	[B12D1]					03.10-	113860	12 0.8	
	[LMU]					03.10-	113860	12 0.8	
Trax 1.4	[LUJ]					12.12-	115395	12 1.1	
						12.12-	115646	12 1.1	
Trax 1.4 AWD	[LUJ]					12.12-	115646	12 1.1	
Trax 1.4 LPG	[A14NET]					A25 04.13-	115646	12 1.1	
						04.13-	115395	12 1.1	
Trax 1.6	[F16D4]					12.12-	116257	12 1.7	
	[LDE]					12.12-	116257	12 1.7	
Trax 1.7 TD	[LUD]					12.12-	115830	12 2.0	
Trax 1.7 TD AWD	[LUD]					12.12-	115830	12 2.0	
Trax 1.8	[2H0]	03.13-	114067	14 140		03.13-	114298	12 1.1	
		03.13-	114779	14 100					
		03.13-	115861	14 140					
		03.13-	114067	14 140		03.13-	114298	12 1.1	
		03.13-	114779	14 100					
Trax 1.8 AWD	[F18D4]	03.13-	115861	14 140					
		03.13-	114067	14 140					
		03.13-	115861	14 140					
Various Models						Express Vans 4.3, 5.0	01.97- 12.99	112912	12 1.6
						Trailblazer	01.02- 12.02	112905	12 1.6
						S10/T-10 Pickup 2.2	01.96- 12.98	112900	12 1.4
							01.63- 01.77	112897	12 1.7
						01.80- 01.90	110216	12 1.4	
Chrysler									
PASSENGER CARS EU									
300 C 2.7	[2.7FX]	09.04-	114832	14 180					
	[EER]	09.04-	114832	14 180					
	[EES]	01.07- 11.12	114832	14 180					
300 C 3.0 CRD	[EXL]	09.05-	114832	14 180		09.05- 12.06	114878	12 2.2	
						12.06-	115420	12 1.7	
300 C 3.5	[3.5CSP]	09.04-	114832	14 180					
	[EGG]	09.04-	114832	14 180					
300 C 3.5 AWD	[3.5CSP]	09.04-	114832	14 180					
	[EGG]	09.04-	114832	14 180					
300 C 5.7	[EZB]	09.04-	114832	14 180					



	[EZD]	09.04-	114832	14	180				
	[EZH]	09.04-	114832	14	180				
300 C 5.7 AWD	[EZB]	04.05-	114832	14	180				
	[EZH]	04.05-	114832	14	180				
300 C 6.1 SRT8	[ESF]	06.05-	114832	14	180				
Crossfire 3.2	[EGX]	07.03-	113302	14	120	07.03-	113282	12	1.4
Delta 2.0 Multijet	[198A5.000]	08.11-	115679	14	130				
Grand Voyager 2.8 CRDi	[ENS]	09.12-	116141*	14	210	09.12-	113977	12	2.2
Lebaron 2.2 i	[EDG]	01.90- 01.90	111193	14	90				
PT Cruiser 2.0 16V	[ECC]	06.00-	116020	14	100				
PT Cruiser 2.2 CRD	[EDJ]	08.05-	114663	14	150	08.05-	114237	12	2.2
PT Cruiser 2.2 Diesel	[EDJ]	03.02-	114663	14	150	03.02-	114237	12	2.2
						03.02-	114144	12	2.0
PT Cruiser 2.4	[EDZ]	03.04-	116020	14	100				
PT Cruiser 2.4 GT	[EDV]	03.04-	116020	14	100				
PT Cruiser 2.4 16V	[EDZ]	06.00-	116020	14	100				
Sebring 2.0	[ECC]	04.01-	114511	14	120				
Sebring 2.0 VVT	[ECN]	07.07-	115925	14	115				
Sebring 2.4	[EDZ]	04.01-	114511	14	120	04.01-	113638	12	1.4
		04.01-	115925	14	115				
Sebring 2.4 VVT	[ED3]	07.07-	115925	14	115				
	[EDG]	07.07-	115925	14	115				
Sebring 2.7 V6 24V	[EER]	04.01-	114511	14	120				
	[EES]	04.01-	114511	14	120				
Viper 8.0	[EPD]	07.98-	116343	14	90				
Voyager 2.0 i	[COO]					01.95- 03.01	114294	12	1.1
Voyager 2.4	[EDZ]	02.00-	115936	14	150				
Voyager 2.4 i	[BOO]	10.95- 12.00	113235	14	130				
Voyager 2.5 CRD	[ENC]	02.00-	114011	14	160	02.00-	114283	12	2.0
	[ENJ]	02.00-	114011	14	160	02.00-	114283	12	2.0
Voyager 2.5 TD	[425CLIRS/X]					10.95-	112454	12	2.2
	[ENC]					01.95- 03.01	112454	12	2.2
Voyager 2.5 TD SE	[09B]					01.92- 09.95	112454	12	2.2
	[MOO]					04.92-	112454	12	2.2
Voyager 2.8 CRD	[ENR]	06.04-	114011	14	160	AT 06.04-	113977	12	2.2
		10.07-	116141*	14	210	AT 10.07-	113977	12	2.2
Voyager 2.8 CRDi	[ENS]	10.07-	116141*	14	210	AT 10.07-	113977	12	2.2
Voyager 3.0	[EFA]	01.95- 03.01	113235	14	130				
Voyager 3.0 i	[300]	01.90- 01.93	111193	14	90				
Voyager 3.3	[EGA]	01.01- 01.05	113803	14	160	02.00-	115783	12	1.4
						02.00-	111492	12	1.4
	[EGV]	01.01- 01.05	113803	14	160				
Voyager 3.3 AWD	[EGA]	01.01- 01.04	113803	14	160	02.00-	115783	12	1.4
						01.01-	111492	12	1.4
Voyager 3.3 FlexFuel	[EGM]	01.01- 01.05	113803	14	160				
Voyager 3.3 i	[ROO]	10.95-	113235	14	130 ND	10.95-	111492	12	1.4
Voyager 3.3 i LE	[EGA]	01.90-	111193	14	90 ND	04.92-	111492	12	1.4
Voyager 3.3 i LE AWD	[EGA]	04.92-	111193	14	90 ND	04.92-	111492	12	1.4
	[ROO]	04.92-	111193	14	90 ND	04.92-	111492	12	1.4
Voyager 3.8 i	[EGH]					01.01-	111492	12	1.4
						02.00-	115783	12	1.4
Voyager 3.8 i AWD	[EGH]	01.95-	113235	14	130 ND	02.00-	115783	12	1.4
						AT 01.97-	111492	12	1.4
	[LOO]	10.95-	113235	14	130 ND	01.95- 01.98	111492	12	1.4
MARINE									
Various Models						01.66- 01.84	110636	12	0.6
Citroen									
PASSENGER CARS EU									
2CV 4 0.4	[A53]	03.63- 02.70	110743	14	30 A30	03.63- 02.70	111100	12	0.7
	[A79/1]	01.70- 12.75	110743	14	30 A30	01.70- 12.75	111100	12	0.7
2CV 6 0.6	[A06/635]	02.70- 07.90	110743	14	30	02.70- 07.90	111100	12	0.7
	[A06/664]	02.70- 07.90	110743	14	30	02.70- 07.90	111100	12	0.7
	[M28/1]	09.75- 06.81	110743	14	30	09.75- 06.81	111100	12	0.7
Acadiane 6 0.6	[A06/664]					08.78- 07.87	111100	12	0.7
	[M28 (AM2)]					08.78- 10.88	111100	12	0.7
Ami 6 0.6	[M28]	05.68- 07.69	110743	14	30	05.68- 07.69	111100	12	0.7
Ami 8 0.6	[M28]	07.69- 12.77	110743	14	30	07.69- 12.77	111100	12	0.7
Ami Super 1.0	[G10]	03.68- 06.78	110743	14	30				
AX 1.0	[C1A]	09.86- 06.92	111841	14	50	09.86- 06.92	110584	12	1.2
		09.86- 06.92	112754	14	70	09.86- 06.92	116306	12	1.2
AX 10 1.0	[C3A]	12.86- 12.88	110077	14	50	12.86- 12.88	110584	12	1.2
		12.86- 12.88	111841	14	50	12.86- 12.88	116306	12	1.2
		12.86- 12.88	112754	14	70				
	[CDY (TU9M)]	07.86- 12.98	110077	14	50	07.86- 12.98	110584	12	1.2
		07.86- 12.98	111841	14	50	07.86- 12.98	116306	12	1.2
		07.86- 12.98	112754	14	70				
	[CDZ (TU9M)]	02.87- 12.98	110077	14	50	07.92-	110584	12	1.2
		02.87- 12.98	112754	14	70	02.87- 12.98	116306	12	1.2
		07.92-	111841	14	50				
	AC	02.87- 12.98	114026	14	80				
AX 11 1.1	[H1A]	12.86- 04.94	110077	14	50	12.86- 04.94	110584	12	1.2
		12.86- 04.94	111841	14	50	12.86- 04.94	116306	12	1.2
		12.86- 04.94	112754	14	70				
	[H1B]	09.86- 12.97	110077	14	50	09.86- 12.97	116306	12	1.2
		09.86- 12.97	112754	14	70	12.86- 07.96	110584	12	1.2
		10.86- 07.96	111841	14	50				
	[HAZ (TU1CP)]	09.88- 12.89	110077	14	50	09.88- 12.89	110584	12	1.2
		09.88- 12.89	111841	14	50	09.88- 12.89	116306	12	1.2
		09.88- 12.89	112754	14	70				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

CITROEN Continued

	[HDZ (TU1M)]	09.86- 12.97	110077	14 50					
		09.86- 12.97	112754	14 70					
AX 11 1.1 4x4	[H1A (TU1)]	06.91- 07.92	110077	14 50	06.91- 07.92	110584	12 1.2		
		06.91- 07.92	111841	14 50	06.91- 07.92	111994	12 0.7		
		06.91- 07.92	112754	14 70	06.91- 07.92	116306	12 1.2	Reman.	
								Starter	
		AC 06.91- 07.92	114026	14 80					
AX 13 1.3 Sport	[M4A]	04.87- 12.88	110077	14 50	04.87- 12.88	110584	12 1.2		
		04.87- 12.88	111841	14 50	04.87- 12.88	116306	12 1.2	Reman.	
								Starter	
		04.87- 12.88	112754	14 70					
AX 14 1.4	[K1F (TU3A)]	06.88- 12.89	110077	14 50	06.88- 12.89	110584	12 1.2		
		06.88- 12.89	111841	14 50	06.88- 12.89	116306	12 1.2	Reman.	
								Starter	
		06.88- 12.89	112754	14 70					
	[K2A]	01.88- 12.92	110077	14 50	01.88- 12.92	110584	12 1.2		
		01.88-	111841	14 50	01.88- 12.92	116306	12 1.2	Reman.	
								Starter	
		01.88- 12.92	112754	14 70					
	[K2B]	01.88- 12.92	110077	14 50	01.88- 12.92	110584	12 1.2		
		01.88-	111841	14 50	01.88- 12.92	116306	12 1.2	Reman.	
								Starter	
		01.88- 12.92	112754	14 70					
	[KAY (TU3CP)]	10.86- 12.88	111841	14 50	12.86- 12.88	110584	12 1.2		
		12.86- 12.88	110077	14 50	12.86- 12.88	116306	12 1.2	Reman.	
								Starter	
		12.86- 12.88	112754	14 70					
	[KDX (TU3M/Z)]	04.87- 04.97	110077	14 50	03.89- 04.91	110584	12 1.2		
		04.87- 04.97	112754	14 70	04.87- 04.97	116306	12 1.2	Reman.	
								Starter	
		03.89-	111841	14 50					
	[KDY (TU3FM)]	04.87- 04.97	110077	14 50	04.87- 04.97	116306	12 1.2	Reman.	
								Starter	
		04.87- 04.97	112754	14 70	03.89- 04.91	110584	12 1.2		
		03.89-	111841	14 50					
	[KDY (TU3M)]	04.87- 04.97	110077	14 50	04.87- 04.97	110584	12 1.2		
		04.87- 04.97	112754	14 70	04.87- 04.97	116306	12 1.2	Reman.	
								Starter	
	[KDZ (TU3M/Z)]	04.87- 04.97	110077	14 50	04.87- 04.97	110584	12 1.2		
		04.87- 04.97	112754	14 70	04.87- 04.97	116306	12 1.2	Reman.	
								Starter	
AX 14 1.4 4x4	[KDX (TU3M/Z)]	08.91- 12.96	110077	14 50	08.91- 12.96	116306	12 1.2	Reman.	
								Starter	
		08.91- 12.96	112754	14 70	01.93- 12.96	110584	12 1.2		
		01.93- 12.96	111841	14 50					
	[KDY (TU3FM)]	06.90- 12.96	111841	14 50	06.90- 12.96	110584	12 1.2		
		08.91- 12.96	110077	14 50	08.91- 12.96	116306	12 1.2	Reman.	
								Starter	
		08.91- 12.96	112754	14 70					
	[KDY (TU3M)]	06.90- 12.96	110077	14 50	06.90- 12.96	110584	12 1.2		
		06.90- 12.96	111841	14 50	08.91- 12.96	116306	12 1.2	Reman.	
								Starter	
		08.91- 12.96	112754	14 70					
	[KDZ (TU3M/Z)]	06.88- 05.90	111841	14 50	06.88- 05.90	110584	12 1.2		
		08.91- 12.96	110077	14 50	08.91- 12.96	116306	12 1.2	Reman.	
								Starter	
		08.91- 12.96	112754	14 70					
AX 14 1.4 GTI	[KFZ (TU3FJ2)]	06.91- 12.92	110077	14 50	06.91- 12.92	116306	12 1.2	Reman.	
								Starter	
		06.91- 12.92	111841	14 50	06.91- 12.92	110584	12 1.2		
		06.91- 12.92	112754	14 70					
AX 14 1.4 i	[KFY (TU3FJ2)]	08.91- 12.96	110077	14 50	10.87- 07.91	110584	12 1.2		
		08.91-	111841	14 50	08.91- 12.96	116306	12 1.2	Reman.	
								Starter	
		08.91- 12.96	112754	14 70					
	[KFZ (TU3FJ2)]	06.91- 12.96	110077	14 50	10.87- 07.91	110584	12 1.2		
		06.91-	111841	14 50	06.91- 12.96	116306	12 1.2	Reman.	
								Starter	
		06.91- 12.96	112754	14 70					
AX 14 1.4 Diesel	[K9A (TUD3)]	09.88- 06.92	110077	14 50	09.88- 06.92	111029	12 1.4		
		09.88- 06.92	110619	14 70					
		09.88- 06.92	111841	14 50					
		09.88- 06.92	112754	14 70					
	[K9Y (TUD3Y)]	08.91- 12.97	110077	14 50	08.91- 12.97	111029	12 1.4		
		08.91- 12.97	110619	14 70					
		08.91- 12.97	111841	14 50					
		08.91- 12.97	112754	14 70					
AX 15 1.5 Diesel	[VJY (TUD5)]	08.94-	111532	14 80	08.94-	111029	12 1.4		
		08.94-	111841	14 50					
		08.94-	112287	14 70					
	[VJZ (TUD5)]	08.94-	111532	14 80	08.94-	111029	12 1.4		
		08.94-	111841	14 50					
		08.94-	112287	14 70					
Berlingo 1.1 i	[HDZ (TU1M)]	07.96-	110619	14 70	07.96-	110584	12 1.2		
		07.96-	111723	14 70	07.96-	116306	12 1.2	Reman.	
								Starter	
		07.96-	112782	14 80					
	[HFX (TU1JP)]	07.96-	110619	14 70	07.96-	110584	12 1.2		
		07.96-	111723	14 70	07.96-	116306	12 1.2	Reman.	
								Starter	
		07.96-	112782	14 80	06.00- 11.02	111994	12 0.7		
Berlingo 1.2 PureTech 110					02.16-	116281*	12 1.8		
Berlingo 1.4 i	[KFW (TU3JP)]	07.96-	110619	14 70	07.96-	110584	12 1.2		
		07.96-	111723	14 70	06.00- 11.02	111994	12 0.7		
		07.96-	112782	14 80	07.96-	116306	12 1.2	Reman.	
								Starter	
		07.96-	113404	14 90					



	[KFX (TU3JP)]	07.96- 07.96-	110619 111723	14 70 14 70		07.96- 07.96-	110584 116306	12 1.2 12 1.2	Reman. Starter
		07.96- 07.96-	112782 113404	14 80 14 90					
Berlingo 1.4 Bivalent	[KFW (TU3JP)]	11.02- 11.02-	113405 113575	14 70 14 80		11.02- 11.02-	110584 116306	12 1.2 12 1.2	Reman. Starter
Berlingo 1.4 i Bivalent	[KFW (TU3JP)]	11.02- 04.03-	112469 113575	14 90 14 80		11.02- 04.03-	110584 116306	12 1.2 12 1.2	Reman. Starter
Berlingo 1.5 BlueHdi 100						06.18- 06.18-	114030 113254	12 2.2 12 1.4	
Berlingo 1.5 BlueHdi 130						03.18- 03.18-	114030 113254	12 2.2 12 1.4	
Berlingo 1.5 BlueHdi 75						06.18- 06.18-	114030 113254	12 2.2 12 1.4	
Berlingo 1.6	[5FK (EP6CB)]	07.10- 07.10-	115604 116353*	14 150 A49 14 150		07.10- 07.10-	113960 113960	12 0.9 12 0.9	
	[5FS (EP6C)]	11.09- 11.09- 11.09- 11.09- 11.09- 11.09-	114752* 114771* 114811 115604 116311 116353*	14 80 14 150 14 120 A49 14 150 A49 14 120 14 150		11.09- 11.09- 11.08- 11.08- 11.08-	113960 110584 116306	12 0.9 12 1.2 12 1.2	
	[NFU (TU5JP4)]	11.08- 11.08- 11.08-	113405 113575 115438	14 70 14 80 14 120		11.08- 11.08- 11.08-	110584 116306	12 1.2 12 1.2	
Berlingo 1.6 16V	[NFU (TU5JP4)]	10.00- 10.00-	112648 113575	14 70 14 80		10.00- 10.00-	116306 110584 111994	12 1.2 12 1.2 12 0.7	Reman. Starter
Berlingo 1.6 VTi	[5FK (EP6CB)]	07.10- 07.10- 07.10- 07.10-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150		07.10- 07.10- 07.10- 07.10-	113960 113960	12 0.9 12 0.9	
Berlingo 1.6 VTi 120	[5FS (EP6C)]					11.09-	113960	12 0.9	
Berlingo 1.6 BlueHdi 100	[BHY (DV6FD)]					12.14- 12.14- 12.14-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Berlingo 1.6 BlueHdi 120	[BHZ (DV6FC)]					12.14- 12.14- 12.14-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Berlingo 1.6 BlueHdi 75	[9HN (DV6ETED)]					04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	[BHW (DV6FE)]					04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Berlingo 1.6 HDi	[9HL (DV6C)]	07.10-	115475	14 180		07.10- 07.10-	114030 113933	12 2.2 12 1.5	
	[9HN (DV6ETED4)]	04.08- 04.08- 04.08-	113640 113946 114859	14 150 14 90 14 180		04.08- 04.08-	113254 114030	12 1.4 12 2.2	
	[9HR (DV6C)]	07.10-	115475	14 180		07.10- 07.10-	114030 113933	12 2.2 12 1.5	
	[9HS (DV6TED4BU)]	04.08- 04.08-	113640 114859	14 150 14 180		04.08-	114030	12 2.2	
	[9HT (DV6BUTED4)]	04.08- 04.08- 04.08-	113640 113946 114859	14 150 14 90 14 180		04.08- 04.08-	113254 114030	12 1.4 12 2.2	
	[9HT (DV6BTED4)]	04.08- 04.08- 04.08-	113946 114859 115369	14 90 14 180 14 150		04.08- 04.08-	113254 114030	12 1.4 12 2.2	
	[9HW (DV6BTED4)]	07.05-	113640	14 150		07.05- 07.05-	113254 114460	12 1.4 12 1.4	
	[9HX (DV6ATED4)]	07.05- 04.08- AC 07.05-	113640 114859 113640	14 150 14 180 14 150		07.05- 09.05-	114030 113254	12 2.2 12 1.4	
	[9HZ (DV6TED4)]					08.05-	114030	12 2.2	
	[DV6B]	07.05-	113640	14 150		07.05- 07.05-	114030 113254	12 2.2 12 1.4	
Berlingo 1.6 HDi 110	[9HL (DV6C)]	07.10-	115475	14 180		07.10- 07.10-	114030 113933	12 2.2 12 1.5	
	[9HR (DV6C)]	07.10-	115475	14 180		07.10- 07.10-	114030 113933	12 2.2 12 1.5	
Berlingo 1.6 HDi 115	[9HL (DV6C)]					07.10- 07.10-	113933 114030	12 1.5 12 2.2	
	[9HR (DV6C)]					07.10- 07.10-	113933 114030	12 1.5 12 2.2	
Berlingo 1.6 HDi 90	[9HF (DV6DTED)]	07.10-	115475	14 180		07.10- 07.10- 07.10-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HP (DV6DTED)]	07.10-	115475	14 180		07.10- 07.10- 07.10-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HX (DV6ATED4)]	07.10-	115475	14 180		07.10- 07.10- 07.10-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HX (DV6ATED4)]	04.08- 07.10-	113640 115475	14 150 14 180		04.08- 07.10-	114030 113933	12 2.2 12 1.5	
Berlingo 1.6 HDi 92	[9HJ (DV6DTEDM)]	07.10-	115475	14 180		07.10- 07.10-	114030 113254	12 2.2 12 1.4	
Berlingo 1.8 i	[LFX (XU7JB)]	05.97- 10.02 05.97- 10.02	111318 113604	14 80 14 95		05.97- 10.02 A13 05.97- 10.02	111130 113443	12 1.1 12 1.4	

STARTERS & ALTERNATORS



Application list

CITROEN *Continued*

Berlingo 1.8 i 4WD	[LFX (XU7JB)]	05.97- 11.02	111318	14 80	05.97- 11.02	111130	12 1.1		
		05.97-	113604	14 95	05.97- 11.02	113443	12 1.4		
Berlingo 1.8 Diesel	[A9A (XUD7)]	07.96- 11.02	111893	14 70	07.96- 11.02	111070	12 1.7		
		07.96- 11.02	112230	14 80	07.96-	114460	12 1.4		
		07.96- 11.02	112292	14 70					
		07.96- 11.02	112688	14 95					
		07.96- 11.02	112703	14 120					
		07.96- 11.02	113485	14 80					
		PS 07.96-	111893	14 70					
		PS 07.96-	112688	14 95					
	PS 07.96-	113485	14 80						
Berlingo 1.9 Diesel	[D9B (XUD9A/L)]	PS 07.96- 11.02	111893	14 70	07.96-	111070	12 1.7		
	[DJY (XUD9A)]	07.96-	112230	14 80	07.96-	114460	12 1.4		
		07.96-	112292	14 70	07.96-	111070	12 1.7		
		ACPS 07.96-	113485	14 80					
		AC 07.96-	112688	14 95					
		AC 07.96-	112703	14 120					
	[WJY (DW8B)]	07.98-	112058	14 70	07.98-	111070	12 1.7		
		07.98-	112480	14 90	07.98-	114460	12 1.4		
		07.98-	113503	14 120					
04.99- 11.02		113603	14 80						
PS 04.99-		112480	14 90						
PS 04.99-		113503	14 120						
	ACPS 04.99-	112480	14 90						
	ACPS 04.99-	113503	14 120						
[WJZ (DW8)]	07.98-	112058	14 70	07.98-	114460	12 1.4			
	07.98- 11.02	113603	14 80	07.98-	111070	12 1.7			
	PS 07.98-	112480	14 90						
	PS 07.98-	113503	14 120						
	ACPS 07.98-	112480	14 90						
	ACPS 07.98-	113503	14 120						
Berlingo 1.9 Diesel 4WD	[WJY (DW8B)]	07.98- 11.02	112058	14 70	07.98- 11.02	111070	12 1.7		
		07.98- 11.02	112480	14 90	07.98-	114460	12 1.4		
		07.98- 11.02	113503	14 120					
	[WJZ (DW8)]	07.98- 11.02	112058	14 70	07.98- 11.02	111070	12 1.7		
		07.98- 11.02	112480	14 90	07.98-	114460	12 1.4		
		07.98- 11.02	113503	14 120					
Berlingo 2.0 HDi	[RHY (DW10TD)]	11.02-	113603	14 80	12.99-	111070	12 1.7		
		11.02-	113755	14 150	12.99-	114460	12 1.4		
		12.99-	112460	14 150					
		12.99- 11.02	112480	14 90					
		12.99- 11.02	113503	14 120					
		12.99-	113948	14 150					
Berlingo 2.0 HDi 4WD	[RHY (DW10TD)]	12.99- 11.02	112058	14 70	12.99- 11.02	111070	12 1.7		
		12.99- 11.02	112460	14 150	11.00-	114460	12 1.4		
		12.99- 11.02	112480	14 90					
		12.99- 11.02	113503	14 120					
Berlingo Box 1.4 BiFuel	[KFW (TU3JP)]	07.96- 10.02	110619	14 70	07.96- 10.02	110584	12 1.2		
		07.96- 10.02	111723	14 70	07.96- 10.02	111994	12 0.7		
		07.96- 10.02	112648	14 70					
		07.96- 10.02	112782	14 80					
		07.96- 10.02	113404	14 90					
Berlingo Multispace MPV 1.6 HDi 4x4	[9HF (DV6DTE)]	02.12-	115475	14 180	02.12-	114030	12 2.2		
	[9HR (DV6C)]	02.12-	115475	14 180	02.12-	113933	12 1.5		
					02.12-	114030	12 2.2		
Berlingo Van 1.6 HDi 4x4	[9HF (DV6DTE)]	02.12-	115475	14 180	02.12-	114030	12 2.2		
					02.12-	113254	12 1.4		
	[9HN (DV6ETED)]	02.12-	115475	14 180	02.12-	113933	12 1.5		
					02.12-	114030	12 2.2		
	[BHY (DV6FD)]	02.12-	115475	14 180	02.12-	113254	12 1.4		
					12.14-	113933	12 1.5		
				12.14-	114030	12 2.2			
				02.12-	114030	12 2.2			
				02.12-	113933	12 1.5			
	BX 1.4	[150C]				07.88- 01.93	110584	12 1.2	
					01.87- 01.92	116306	12 1.2	Reman. Starter	
					01.87- 01.92	116306	12 1.2	Reman. Starter	
					07.88- 01.93	110584	12 1.2		
BX 1.6	[B6D]				07.82- 01.93	110587	12 1.2		
BX 1.9 Diesel					09.83- 01.93	111070	12 1.7		
BX 11 1.1	[H1A]	09.83- 06.88	111075	14 55	10.86- 05.88	111068	12 0.85		
		07.88- 06.92	111841	14 50	10.86- 06.92	116306	12 1.2	Reman. Starter	
					06.88- 06.92	110584	12 1.2		
BX 11	[HDZ (TU1M)]	05.88- 09.91	111841	14 50	10.88- 06.92	116306	12 1.2	Reman. Starter	
		10.88- 06.92	110077	14 50	10.88- 06.92	110584	12 1.2		
BX 14 1.4	[150A]	10.82- 06.88	111075	14 55	11.84- 06.88	111068	12 0.85		
		04.83- 02.93	110077	14 50	11.84- 02.93	111068	12 0.85		
	[150C]	04.83- 07.88	111075	14 55	04.83- 02.93	116306	12 1.2	Reman. Starter	
			04.83- 02.93	111841	14 50	04.88- 02.93	110584	12 1.2	
			04.83- 02.93	112754	14 70				
	[150F]		09.85- 02.93	110077	14 50	09.85- 02.93	116306	12 1.2	Reman. Starter
			09.85- 07.88	111075	14 55	09.85- 02.93	111068	12 0.85	
		09.85- 02.93	112754	14 70	04.88- 02.93	110584	12 1.2		
		07.88- 02.93	111841	14 50					
[K1G]	04.83- 07.89	110077	14 50	04.88- 07.89	110584	12 1.2			
	04.83- 07.88	111075	14 55	11.84- 04.88	111068	12 0.85			
	07.88- 07.89	111841	14 50	04.83- 07.89	116306	12 1.2	Reman. Starter		



	[K1H (TU3A)]	01.89- 12.89	110077	14 50	01.89- 12.89	111068	12 0.85	Reman. Starter
		01.89- 12.89	110619	14 70	01.89- 12.89	116306	12 1.2	
		01.89- 12.89	111076	14 50	01.89- 12.89	110584	12 1.2	
		01.89- 12.89	111841	14 50				
	[KDY (TU3M)]	01.89- 12.89	112754	14 70				Reman. Starter
		01.89- 02.93	110077	14 50	01.89- 02.93	116306	12 1.2	
		01.89- 02.93	111841	14 50	01.89- 02.93	110584	12 1.2	
	[KDZ (TU3M/Z)]	01.89- 02.93	112754	14 70				Reman. Starter
		01.89- 02.93	110077	14 50	01.89- 02.93	110584	12 1.2	
		01.89- 02.93	111841	14 50	01.89- 02.93	111068	12 0.85	
		01.89- 02.93	112754	14 70	01.89- 02.93	116306	12 1.2	Reman. Starter
BX 15 1.6	[B1E (XU51C)]	10.87- 05.92	111076	14 50	10.87- 05.92	110587	12 1.2	
BX 16 1.6	[171A]	10.82- 06.88	111076	14 50	06.85- 06.88	111130	12 1.1	
		06.85- 06.88	112162	14 70	10.82- 06.88	110587	12 1.2	
	[171B]	10.82- 06.88	111076	14 50	06.85- 06.88	111130	12 1.1	
		06.85- 06.88	112162	14 70	10.82- 06.88	110587	12 1.2	
	[171C]	07.84- 06.88	111076	14 50	06.85- 06.88	111130	12 1.1	
		06.85- 06.88	112162	14 70	07.84- 06.88	110587	12 1.2	
	[171D]	07.85- 12.94	111076	14 50	07.85- 12.94	110587	12 1.2	
	[180Z]	03.86- 12.94	111076	14 50	03.86- 12.94	110587	12 1.2	
	[B1A (XU52C/K)]	09.87- 02.93	111076	14 50	09.87- 02.93	110587	12 1.2	
	[B1E (XU51C)]	09.87- 12.94	111076	14 50	09.87- 12.94	110587	12 1.2	
		09.88- 12.94	111075	14 55				
	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2	
	[BAZ (XU5CP)]	09.88-	111076	14 50	09.88- 02.93	111070	12 1.7	
	[BDY (XU5M)]	05.89- 12.94	111076	14 50	05.89- 12.94	111130	12 1.1	
					05.89- 12.94	110587	12 1.2	
	[BDZ (XU5M)]	05.89- 02.93	111076	14 50	05.89- 02.93	110587	12 1.2	
[XU52C]	10.82- 08.84	111076	14 50	10.82- 08.84	110587	12 1.2		
BX 16 1.9	[BAY (XU5CP)]	09.88-	111076	14 50	09.88-	110587	12 1.2	
BX 17 1.7 TD	[A8A (XUD7TE)]	03.88- 12.94	112162	14 70				
BX 17 1.8 Diesel	[161 (XUD7)]	10.85- 09.93	111076	14 50	10.85- 09.93	111070	12 1.7	
		10.85- 09.93	111076	14 50	10.85- 09.93	111070	12 1.7	
BX 17 1.8 TD	[AJZ (XUD7TE)]	03.88- 12.94	112162	14 70				
BX 19 1.8 Turbo TRD	[AJZ (XUD7TE)]	02.88- 12.94	112162	14 70	02.88- 12.94	111070	12 1.7	
BX 19 1.9	[159A]	07.86- 05.89	111076	14 50	07.86- 05.89	110587	12 1.2	
		07.86- 05.89	111075	14 55	07.86- 05.89	111130	12 1.1	
		07.86- 12.94	111076	14 50	07.86- 12.94	110587	12 1.2	
	[D2C (XU92C)]	09.86- 12.89	111076	14 50	09.86- 12.89	110587	12 1.2	
	[DDZ (XU9M)]	06.88- 12.94	111076	14 50	06.88- 12.94	110587	12 1.2	
	[DFZ (XU9J1)]	07.86-	111076	14 50	07.86-	110587	12 1.2	
	[DKZ (XU9JA)]	06.88- 12.94	111076	14 50	06.88- 12.94	110587	12 1.2	
		04.89- 02.93	111076	14 50	04.89- 02.93	111070	12 1.7	
BX 19 1.9 4x4	[D2F]	10.90- 05.91	111076	14 50	A13 10.90- 05.91	111070	12 1.7	
					10.90- 05.91	110587	12 1.2	
BX 19 1.9 GTi 4x4	[DKZ (XU9JA)]	06.88- 02.93	111076	14 50	06.88- 02.93	111130	12 1.1	
BX 19 1.9 GTi 16V	[D6C (XU9J4)]	09.87- 12.88	111076	14 50	09.87- 12.88	110587	12 1.2	
		03.88- 02.93	111076	14 50	03.88- 02.93	110587	12 1.2	
BX 19 1.9 GTi	[D6A (XU9J2)]	07.86- 02.93	111076	14 50	07.86- 02.93	111130	12 1.1	
BX 19 1.9 Diesel	[162 (XUD9)]	09.83- 12.87	111076	14 50	09.83- 08.95	111070	12 1.7	
		09.83- 12.87	111076	14 50	09.83- 12.87	111070	12 1.7	
	[D9A (XUD9)]	03.87- 12.94	111076	14 50	03.87- 12.94	111070	12 1.7	
	[D9B (XUD9A/U)]	09.83- 12.87	111076	14 50	09.83- 12.87	111070	12 1.7	
	[DJZ (XUD9Y)]	03.88- 02.93	112162	14 70	03.88- 12.94	111070	12 1.7	
BX 19 1.9 Turbo TRD	[A8A (XUD7TE)]	03.88- 02.93	112162	14 70	03.88- 12.94	111070	12 1.7	
C1 1.0	[1KR-FE]	06.05-	114090	14 70	06.05-	113963	12 1.1	
		06.05-	114099	14 80				
C1 1.0 68	[1KR-FE]				04.14-	116279*	12 1.2	
C1 1.0 VTI 72	[CFB (1KR)]				A13 06.18-	116279*	12 1.2	
					A42 06.18-	113963	12 1.1	
C1 1.2 82	[HMT (EB2D)]				04.14-	116092	12 1.0	
C1 1.4 HDi	[DV4D]	06.05-	113755	14 150	06.05-	113254	12 1.4	
		06.05-	113948	14 150	06.05-	113933	12 1.5	
C15 1.0	[TU9]	10.84- 12.97	110077	14 50				
		10.84- 12.97	110077	14 50	05.88- 06.95	110584	12 1.2	
		05.88- 06.95	111841	14 50	10.84- 12.97	116306	12 1.2	Reman. Starter
C15 1.1 E	[109K]	10.84- 07.88	111075	14 55	10.84- 05.88	111068	12 0.85	
C15 1.1 i.e.	[HDZ (TU1M)]	07.88- 12.96	110077	14 50	07.88- 12.96	110584	12 1.2	
		07.88- 12.96	111841	14 50	07.88- 12.96	116306	12 1.2	Reman. Starter
		07.88- 12.96	112754	14 70				
C15 1.3	[G1A]	07.87- 05.88	110077	14 50				
		07.87- 05.88	111841	14 50				
C15 1.4	[K1H (TU3A)]	07.87- 12.96	110077	14 50	07.87- 12.96	110584	12 1.2	
		07.87- 12.96	111841	14 50	07.87- 12.96	116306	12 1.2	Reman. Starter
		07.87- 12.96	112754	14 70				
		05.87- 07.96	112754	14 70	05.87- 07.96	116306	12 1.2	Reman. Starter
		05.87- 07.96	111841	14 50	05.87- 07.96	110584	12 1.2	
C15 1.4 E	[150D (XY7)]	01.86- 01.87	111075	14 55	05.87- 12.96	116306	12 1.2	Reman. Starter
					07.86-	110584	12 1.2	
C15 1.4 i	[K3A]	07.87-	111841	14 50	07.87-	110584	12 1.2	
		07.87- 12.96	112754	14 70	07.87- 12.96	116306	12 1.2	Reman. Starter
C15 1.4 i.e.	[KDY (TU3FM)]	05.91- 12.96	110077	14 50	05.91-	110584	12 1.2	
		05.91-	111841	14 50	05.91- 12.96	116306	12 1.2	Reman. Starter
		05.91- 12.96	112754	14 70				
	[KDY (TU3M)]	05.91- 12.96	110077	14 50	05.91-	110584	12 1.2	
		05.91-	111841	14 50	05.91- 12.96	116306	12 1.2	Reman. Starter
		05.91- 12.96	112754	14 70				

STARTERS & ALTERNATORS



Application list

CITROEN *Continued*

C15 1.8 Diesel	[161A (XUD7)]	07.84-	111076	14 50	07.86-	111070	12 1.7	
		07.86-	112162	14 70				
C15 1.9 Diesel	[WJX (DW8B)]	12.00-	112058	14 70	12.00- 12.05	114460	12 1.4	
					12.00-	111070	12 1.7	
C2 1.1	[HFX (TU1JP)]	09.03-	113246	14 90	06.03-	110584	12 1.2	
		09.03-	115474	14 80	09.03-	116306	12 1.2	Reman. Starter
C2 1.4	[KFV (TU3JP)]	09.03-	113246	14 90	06.03-	111994	12 0.7	
		09.03-	115474	14 80	06.03-	110584	12 1.2	
					09.03-	116306	12 1.2	Reman. Starter
					06.03-	111994	12 0.7	
C2 1.4 16V	[KFU (ET3J4)]	06.06-	113246	14 90				
C2 1.4 HDi	[8HX (DV4TD)]	09.03-	113640	14 150	06.03-	113254	12 1.4	
		09.03-	113755	14 150	09.03-	113933	12 1.5	
		09.03-	113948	14 150				
	[8HZ (DV4TD)]	09.03-	113640	14 150	09.03-	113254	12 1.4	
		09.03-	113755	14 150	09.03-	113933	12 1.5	
		09.03-	113948	14 150				
C2 1.6	[NFU (TU5JP4)]	09.03-	113246	14 90	06.03-	110584	12 1.2	
					06.03-	111994	12 0.7	
					09.03-	116306	12 1.2	Reman. Starter
C2 1.6 VTS	[NFS (TU5JP4S)]	01.05-	113246	14 90	01.05-	116306	12 1.2	Reman. Starter
		01.05-	113405	14 70	10.04-	110584	12 1.2	
C2 1.6 HDi	[9HZ (DV6TED4)]				09.05-	114030	12 2.2	
C25 1.8 E	[169 (XM7T)]				07.87- 02.94	110793	12 0.9	
C25 1.9 Diesel	[D9B (XUD9A/U)]	07.87- 02.94	111076	14 50	07.87- 02.94	111070	12 1.7	
C25 1.9 TD	[M705]	04.92- 02.94	113187	14 85	04.92- 02.94	116327	12 2.2	A49
					04.92-	111421	12 2.2	
C25 2.0	[170A (XN1T)]				09.81- 03.94	111066	12 1.05	
	[170B (XN1T)]				09.81- 03.94	110793	12 0.9	
					09.81- 02.94	111066	12 1.05	
	[170C (XN1T)]				02.91-	110793	12 0.9	
					02.91- 02.94	111066	12 1.05	
C25 2.5 Diesel	[CRD93L]	07.81- 02.94	111071	14 75	07.81- 02.94	111115	12 2.2	
C25 2.5 Diesel 4x4	[CRD93L]	01.81-	111071	14 75	01.87- 02.94	111115	12 2.2	
					01.87- 02.94	111070	12 1.7	
C25 2.5 TD	[CRD93LS]				08.87- 02.94	111115	12 2.2	
C25 2.5 TD 4x4	[CRD93LS]				08.87- 02.94	111115	12 2.2	
C25 E 1.8	[169 (XM7T)]				10.81- 02.94	111066	12 1.05	
C3 1.0 VTI 68	[ZMB (EB0)]	08.12-	115546	14 80 A49	08.12-	116092	12 1.0	
		08.12-	116357*	14 80	08.12-	113960	12 0.9	
C3 1.1 i	[HFX (TU1JP)]	02.02-	113246	14 90	02.02-	110584	12 1.2	
		02.02-	115474	14 80	02.02-	116306	12 1.2	Reman. Starter
					02.02-	111994	12 0.7	
C3 1.1 Flexfuel		11.10-	114707	14 80	11.10-	116306	12 1.2	Reman. Starter
					11.10-	110584	12 1.2	
C3 1.2 Puretech 110	[HNV (EB2DTM)]				A25 06.17-	116281*	12 1.8	
	[HNZ (EB2DT)]				06.17-	113960	12 0.9	
					A25 06.17-	116281*	12 1.8	
					06.17-	113960	12 0.9	
C3 1.2 PureTech 82	[HMR (EB2FA)]				05.18-	116092	12 1.0	
	[HMZ (EB2F)]				06.17-	113960	12 0.9	
					06.17-	116092	12 1.0	
C3 1.2 THP 110	[HNV (EB2DTM)]				07.16-	116092	12 1.0	
	[HNZ (EB2DT)]				07.16-	116281*	12 1.8	
					07.16-	116092	12 1.0	
					07.16-	116281*	12 1.8	
C3 1.2 Vti 68	[HMP (EB2FB)]				07.16-	116092	12 1.0	
C3 1.2 Vti 82	[HMZ (EB2F)]				07.16-	116092	12 1.0	
C3 1.2 THP Picasso	[HNZ (EB2DT)]	01.15-	115546	14 80 A49	01.15-	113960	12 0.9	
		01.15-	116357*	14 80				
C3 1.2 VTI 82	[HMZ (EB2F)]	06.12-	115546	14 80 A49	06.12-	116092	12 1.0	
		06.12-	116357*	14 80	06.12-	113960	12 0.9	
C3 1.4	[KFT (TU3A)]	11.09-	114707	14 80	11.09-	116306	12 1.2	Reman. Starter
					11.09-	110584	12 1.2	
	[KFV (TU3A)]	11.09-	114707	14 80	11.09-	116306	12 1.2	Reman. Starter
					11.09-	110584	12 1.2	
					11.09-	111994	12 0.7	
	[KFV (TU3JP)]	05.03-	113246	14 90	05.03-	111994	12 0.7	
		05.03-	114707	14 80	05.03-	116306	12 1.2	Reman. Starter
		05.03-	115474	14 80	05.03-	110584	12 1.2	
C3 1.4 Picasso	[8FP (EP3)]				02.09-	113960	12 0.9	
	[8FS (EP3)]	02.09-	114752*	14 80	02.09-	113960	12 0.9	
		02.09-	114811	14 120 A49				
		02.09-	116311	14 120				
C3 1.4 16V	[8FP (EP3)]				11.09-	113960	12 0.9	
	[KFU (ET3J4)]	12.03-	113246	14 90	12.03-	110584	12 1.2	
					12.03-	111994	12 0.7	
					12.03-	116306	12 1.2	Reman. Starter
C3 1.4 BiFuel	[KFV (TU3JP)]	09.08- 12.09	115474	14 80	09.08- 12.09	110584	12 1.2	
C3 1.4 i Bivalent	[KFV (TU3JP)]	02.02-	113246	14 90	02.02-	110584	12 1.2	
		02.02-	115474	14 80	02.02-	116306	12 1.2	Reman. Starter
					02.02-	111994	12 0.7	
C3 1.4 i	[KFV (TU3A)]	02.02-	113246	14 90	02.02-	111994	12 0.7	
		02.02-	115438	14 120				
		02.02-	115474	14 80				



	[KFV (TU3JP)]	02.02- 02.02- 02.02-	113246 115438 115474	14 90 14 120 14 80	02.02- 02.02- 02.02-	110584 111994 116306	12 1.2 12 0.7 12 1.2	Reman. Starter
C3 1.4 LPG	[KFT (TU3A)]	07.10-	114707	14 80	07.10- 07.10-	116306 110584	12 1.2 12 1.2	Reman. Starter
C3 1.4 VTi	[8FR (EP3)]	11.09- 11.09- 11.09-	114752* 114811 116311	14 80 14 120 A49 14 120	11.09-	113960	12 0.9	
C3 1.4 BiFuel Picasso	[8FN (EP3)]	01.12- 01.12-	114811 116311	14 120 A49 14 120	01.12-	113960	12 0.9	
C3 1.4 Flexfuel		11.09-	115438	14 120	11.09- 11.09-	116306 110584	12 1.2 12 1.2	Reman. Starter
C3 1.4 HDi 16V	[8HY (DV4TED4)]	11.09- 02.02-	113246 113755	14 90 14 150	02.02- 09.01-	113933 113254	12 1.5 12 1.4	
C3 1.4 HDi	[8HR (DV4C)]	11.09- 11.09-	113640 115369	14 150 14 150	11.09-	113933	12 1.5	
	[8HX (DV4TD)]	02.02- 04.04-	113755 113640	14 150 14 150	02.02- 09.01-	113933 113254	12 1.5 12 1.4	
	[8HZ (DV4TD)]	11.09- 11.09-	113640 115369	14 150 14 150	11.09-	113933	12 1.5	
C3 1.5 BlueHdi 100	[YHY (DV5RD)]				05.18-	113254	12 1.4	
C3 1.6	[NFU (TU5JP4)]	05.03-	113246	14 90	05.03- 05.03- 05.03-	111994 110584 116306	12 0.7 12 1.2 12 1.2	Reman. Starter
C3 1.6 Picasso	[5FS (EP6C)]	02.09- 02.09- 02.09-	114752* 114811 116311	14 80 14 120 A49 14 120	02.09-	113960	12 0.9	
	[5FW (EP6)]	02.09- 02.09- 02.09-	114752* 114811 116311	14 80 14 120 A49 14 120	02.09-	113960	12 0.9	
C3 1.6 16V	[5FS (EP6C)]				11.09-	113960	12 0.9	
	[NFU (TU5JP4)]	02.02- 09.05	113246	14 90	02.02- 09.05 02.02- 09.05 02.02- 09.05	111994 110584 116306	12 0.7 12 1.2 12 1.2	Reman. Starter
C3 1.6 Bioflex					06.05-	116306	12 1.2	Reman. Starter
		06.05-	113246	14 90	06.05-	110584	12 1.2	
C3 1.6 Flexfuel					11.09-	116306	12 1.2	Reman. Starter
		11.09-	113246	14 90	11.09-	110584	12 1.2	
C3 1.6 BlueHdi 100	[BHY (DV6FD)]				07.14- 01.15- 07.14-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
C3 1.6 BlueHdi 115	[BHX (DV6FC)]				06.17-	114030	12 2.2	
C3 1.6 BlueHdi 120	[BHZ (DV6FC)]				07.17-	114030	12 2.2	
C3 1.6 BlueHdi 75	[BHW (DV6FE)]				04.15- 04.15-	113254 114030	12 1.4 12 2.2	
C3 1.6 HDi 16V	[9HX (DV6ATED4)]	10.05-	113640	14 150	10.05- 10.05- 10.05-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HZ (DV6TED4)]	09.05-	113640	14 150	09.05- 09.05- 09.05- 09.05-	111848 113254 113933 114030	12 1.0 12 1.4 12 1.5 12 2.2	
C3 1.6 HDi	[9HP (DV6DTED)]				11.09- 11.09-	113254 113933	12 1.4 12 1.5	
	[9HX (DV6ATED4)]				10.05- 10.05-	113254 114030	12 1.4 12 2.2	
C3 1.6 HDi 115	[9HD (DV6C)]				09.12- 09.12-	113254 114030	12 1.4 12 2.2	
C3 1.6 HDi 115 Picasso	[9HD (DV6C)]				01.13-	113933	12 1.5	
C3 1.6 HDi BlueHdi 110	[BHY (DV6FD)]				07.16-	113254	12 1.4	
C3 1.6 HDi BlueHdi 75	[BHW (DV6FE)]				07.16-	113254	12 1.4	
C3 1.6 HDi Picasso	[9HP (DV6DTED)]				07.10-	113254	12 1.4	
	[9HZ (DV6TED4)]				02.09-	114030	12 2.2	
C3 1.6 HDi Picasso 110	[9HR (DV6C)]				05.10-	113933	12 1.5	
C3 Picasso MPV 1.6 VTRI	[5FP (EP6)]	10.16- 10.16- 10.16-	114752* 114811 116311	14 80 14 120 A49 14 120	10.16-	113960	12 0.9	
C3 Pluriel 1.4	[KFV (TU3A)]	07.03-	114707	14 80	07.03- 07.03-	110584 116306	12 1.2 12 1.2	Reman. Starter
C4 1.2 THP 130	[HNY (EB2DTS)]				11.17-	113960	12 0.9	
C4 1.2 THP 110	[HNZ (EB2DT)]				A25 02.15-	116281*	12 1.8	
C4 1.2 THP 130	[HNY (EB2DTS)]				04.14-	116281*	12 1.8	
C4 1.2 THP Picasso	[HNY (EB2DTS)]				A25 04.14- 04.14-	116281* 113960	12 1.8 12 0.9	
C4 1.4	[8FP (EP3C)]	11.09- 11.09- 11.09- 11.09-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150	11.09-	113960	12 0.9	
C4 1.4 16V	[KFU (ET3J4)]	11.04- 11.04-	113246 113405	14 90 14 70	11.04- 11.04-	111994 116306	12 0.7 12 1.2	Reman. Starter
					11.04-	110584	12 1.2	
C4 1.6 155	[5FV (EP6CDT)]	09.13- 09.13-	115604 116353*	14 150 A49 14 150				
C4 1.6 Grand Picasso	[5FT (EP6DT)]				07.08-	113960	12 0.9	
C4 1.6 Picasso	[5FT (EP6DT)]				07.08-	113960	12 0.9	

STARTERS & ALTERNATORS

CITROEN Continued

C4 1.6 Picasso THP 155	[5FV (EP6CDT)]	09.10-	112772	14 120	09.10-	113960	12 0.9
		09.10-	115604	14 150 A49			
		09.10-	116353*	14 150			
C4 1.6 THP 140	[5FT (EP6DT)]				07.08-	113960	12 0.9
C4 1.6 THP 150	[5FX (EP6DT)]				07.08-	113960	12 0.9
C4 1.6 16V	[5FS (EP6C)]				11.09-	113960	12 0.9
	[5FV (EP6CDT)]	11.09-	114811	14 120 A49	11.09-	113960	12 0.9
		11.09-	115604	14 150 A49			
		11.09-	116311	14 120			
		11.09-	116353*	14 150			
	[NFU (TU5JP4)]	11.04-	113246	14 90	11.04-	111994	12 0.7
		11.04-	113405	14 70	11.04-	116306	12 1.2
		AC 11.04-	115438	14 120	11.04-	110584	12 1.2
C4 1.6 16V Grand Picasso	[5FX (EP6DT)]				10.08-	113960	12 0.9
C4 1.6 16V Picasso	[5FX (EP6DT)]				07.08-	113960	12 0.9
C4 1.6 THP	[5FV (EP6CDT)]	02.13-	114811	14 120 A49	02.13-	113960	12 0.9
		02.13-	115604	14 150 A49			
		02.13-	116311	14 120			
		02.13-	116353*	14 150			
C4 1.6 THP Picasso	[5GZ (EP6FDT)]				A25 07.14-	116281*	12 1.8
C4 1.6 VTi	[5FW (EP6)]				07.08-	113960	12 0.9
C4 1.6 VTi 120	[5FS (EP6C)]	09.13-	115604	14 150 A49			
		09.13-	116353*	14 150			
C4 1.6 VTi 120 Picasso	[5FS (EP6C)]	02.13-	114811	14 120 A49	02.13-	113960	12 0.9
		02.13-	115604	14 150 A49			
		02.13-	116311	14 120			
		02.13-	116353*	14 150			
C4 1.6 VTi Grand Picasso	[5FW (EP6)]				07.08-	113960	12 0.9
C4 1.6 VTi Picasso	[5FW (EP6)]	07.08-	114811	14 120 A49	07.08-	113960	12 0.9
		07.08-	115604	14 150 A49			
		07.08-	116311	14 120			
		07.08-	116353*	14 150			
C4 1.6 Flexfuel		11.09-	115438	14 120	11.09-	116306	12 1.2
		11.09-	113246	14 90	11.09-	110584	12 1.2
C4 1.6 BlueHDI 100	[BHY (DV6FD)]				07.14-	113254	12 1.4
C4 1.6 BlueHDI 115	[BHX (DV6FC)]				08.14-	113933	12 1.5
C4 1.6 BlueHDI 120	[BHZ (DV6FC)]				02.15-	113933	12 1.5
C4 1.6 E-HDi 110	[9HR]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
C4 1.6 HDi	[9HP (DV6DTED)]				11.09-	113254	12 1.4
	[9HR (DV6C)]				11.09-	113254	12 1.4
					11.09-	113933	12 1.5
	[9HX (DV6ATED4)]	11.04-	113640	14 150	11.04-	114030	12 2.2
					11.04-	113254	12 1.4
					11.04-	113933	12 1.5
	[9HY (DV6ATED4)]	11.04-	113640	14 150	11.04-	114030	12 2.2
					11.04-	113254	12 1.4
					11.04-	113933	12 1.5
	[9HY (DV6TED4)]	11.04-	113640	14 150	11.04-	113933	12 1.5
					11.04-	113254	12 1.4
					11.04-	114030	12 2.2
	[9HZ (DV6ATED4)]				11.04-	113254	12 1.4
				11.04-	113933	12 1.5	
				11.04-	114030	12 2.2	
[9HZ (DV6TED4)]	07.06-	113640	14 150	11.04-	113933	12 1.5	
				11.04-	113254	12 1.4	
				11.04-	114030	12 2.2	
C4 1.6 HDi 110	[9HR]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
C4 1.6 HDi 115	[9HC (DV6C)]	09.13-	115475	14 180	09.13-	113933	12 1.5
					09.13-	113254	12 1.4
	[9HR (DV6C)]				07.12-	113254	12 1.4
					11.04-	114030	12 2.2
	[BHX (DV6FC)]	09.13-	115475	14 180	09.13-	113933	12 1.5
					09.13-	113254	12 1.4
C4 1.6 HDi 115 Picasso	[9HC (DV6C)]	02.13-	115475	14 180	02.13-	114030	12 2.2
					02.13-	113254	12 1.4
	[BHX (DV6FC)]	02.13-	115475	14 180	02.13-	113933	12 1.5
					02.13-	114030	12 2.2
					02.13-	113254	12 1.4
					02.13-	113933	12 1.5
C4 1.6 HDi 90	[9HP (DV6DTED)]	09.13-	115475	14 180	09.13-	113933	12 1.5
					09.13-	113254	12 1.4
C4 1.6 HDi 90 Picasso	[9HP (DV6DTED)]	02.13-	115475	14 180	02.13-	114030	12 2.2
					02.13-	113254	12 1.4
					02.13-	113933	12 1.5
C4 1.6 HDi Grand Picasso	[9HY (DV6TED4)]	10.06-	113640	14 150	10.06-	113933	12 1.5
	[9HZ (DV6TED4)]	10.06-	113640	14 150	10.06-	113933	12 1.5
C4 1.6 HDi Picasso	[9HY (DV6TED4)]	02.07-	113640	14 150	02.07-	114030	12 2.2
					02.07-	113254	12 1.4
					02.07-	113933	12 1.5
	[9HZ (DV6TED4)]	02.07-	113640	14 150	02.07-	114030	12 2.2
				02.07-	113254	12 1.4	
				02.07-	113933	12 1.5	
C4 1.6 HDi Picasso 110	[9HL (DV6C)]				09.10-	113933	12 1.5
					09.10-	114030	12 2.2
	[9HR (DV6C)]	09.10-	115475	14 180	09.10-	114030	12 2.2
					09.10-	113933	12 1.5
C4 1.6 VTi LPG	[5FS (EP6C)]				09.11-	113960	12 0.9
C4 1.8 16V Picasso	[6FY (EW7A)]	02.07-	115541	14 150	02.07-	114460	12 1.4
C4 1.8 i 16V Grand Picasso	[6FY (EW7A)]	10.06-	115541	14 150	10.06-	114460	12 1.4
C4 1.8 16V Picasso	[6FY (EW7A)]	01.09-	115371	14 120			
		01.09-	115541	14 150			
C4 2.0 VTR	[RFJ (EW10A)]	10.06- 12.07	115371	14 120	10.06- 12.07	114460	12 1.4
		10.06- 12.07	115541	14 150			



C4 2.0 16V	[RFJ (EW10A)]	11.04-	115541	14 150	11.04-	114460	12 1.4
					11.04-	111070	12 1.7
	[RFK (EW10J4S)]	11.04-	113755	14 150	11.04-	114460	12 1.4
					11.04-	111070	12 1.7
	[RFN (EW10J4)]	11.04-	113575	14 80	11.04-	114460	12 1.4
		11.04-	113718	14 70	11.04-	111070	12 1.7
C4 2.0 16V Picasso	[RFJ (EW10A)]	02.07-	115541	14 150	02.07-	114460	12 1.4
C4 2.0 i 16V Grand Picasso	[RFJ (EW10A)]	10.06-	115541	14 150	10.06-	114460	12 1.4
C4 2.0 Flexfuel	[RFJ (EW10A)]	11.09-	115541	14 150			
C4 2.0 BlueHdi 135	[AHV (DW10FDD)]				09.13-	113926	12 1.9
					09.13-	114460	12 1.4
					09.13-	114854	12 2.5
C4 2.0 HDi	[RHE (DW10CTED4) DTR]				11.09-	114460	12 1.4
	[RHF (DW10BTED4)]				07.08-	113926	12 1.9
					07.08-	114854	12 2.5
	[RHR (DW10BTED4)]	11.04-	113640	14 150	11.04-	114460	12 1.4
					11.04-	111070	12 1.7
				11.04-	113926	12 1.9	
	[RHZ (DW10ATED)]	04.07- 07.08	113640	14 150	04.07- 07.08	114460	12 1.4
C4 2.0 HDi 150	[AHX (DW10FD)]				09.13-	113926	12 1.9
					09.13-	114460	12 1.4
					09.13-	114854	12 2.5
C4 2.0 HDi Grand Picasso	[RHE (DW10CTED4)]	07.09-	115582	14 230	07.09-	114460	12 1.4
					07.09-	113926	12 1.9
	[RHJ (DW10BTED4)]	10.06-	113640	14 150			
	[RHR (DW10BTED4)]	10.06-	113640	14 150			
C4 2.0 HDi Picasso	[RHE (DW10CTED4)]	07.09-	115582	14 230	07.09-	114460	12 1.4
					07.09-	113926	12 1.9
	[RHJ (DW10BTED4)]	02.07-	113640	14 150	02.07-	114854	12 2.5
					02.07-	113926	12 1.9
	[RHR (DW10BTED4)]	02.07-	113640	14 150	02.07-	114854	12 2.5
					02.07-	113926	12 1.9
C4 2.0 HDi Picasso 165	[RHH (DW10CTED4)]	09.10-	115475	14 180	09.10-	114460	12 1.4
		09.10-	115582	14 230	09.10-	114854	12 2.5
					09.10-	111070	12 1.7
				09.10-	113926	12 1.9	
C4 Aircross 1.8 HDi 150	[4N13]	04.12-	116030	14 130			
C4 Aircross 1.8 HDi 150 4WD	[4N13]	04.12-	116030	14 130			
C4 Cactus 1.2 B2	[HMZ (EB2F)]				09.14-	116092	12 1.0
C4 Cactus 1.2 THP 110	[HNZ (EB2DT)]				09.14-	116281*	12 1.8
C4 Cactus 1.2 VTi 75	[HMU (EB2D)]				09.14-	116092	12 1.0
C4 Cactus 1.6 BlueHdi 100	[BHY (DV6FD)]				09.14-	113254	12 1.4
C4 Cactus 1.6 HDi 90	[9HP (DV6DTE)]				09.14-	114030	12 2.2
C4 Spacetourer 1.2 PureTech 110	[HNX (EB2DTS)]				A25 04.18-	116281*	12 1.8
					04.18-	113960	12 0.9
C4 Spacetourer 1.2 PureTech 130	[HNY (EB2DTS)]				A25 04.18-	116281*	12 1.8
					04.18-	113960	12 0.9
C4 Spacetourer 1.6 THP 165	[5GZ (EP6FD)]				A25 04.18-	116281*	12 1.8
C4 Spacetourer 2.0 BlueHdi 150	[AHX (DW10FD)]				AT 04.18-	114854	12 2.5
					04.18-	113926	12 1.9
					04.18-	114460	12 1.4
C5 1.6 THP 150	[5FN (EP6CD)]	07.10-	114811	14 120 A49	07.10-	113960	12 0.9
		07.10-	116311	14 120			
C5 1.6 16V X7	[5FV (EP6CD)]	04.09-	114811	14 120 A49	04.09-	113960	12 0.9
		04.09-	115604	14 150 A49			
		04.09-	116311	14 120			
		04.09-	116353*	14 150			
C5 1.6 THP	[5FN (EP6CD)]	04.09-	114771*	14 150	04.09-	113960	12 0.9
		04.09-	114811	14 120 A49			
		04.09-	115604	14 150 A49			
		04.09-	116311	14 120			
		04.09-	116353*	14 150			
C5 1.6 VTi	[5FS (EP6C)]	07.10-	114811	14 120 A49	07.10-	113960	12 0.9
		07.10-	115604	14 150 A49			
		07.10-	116311	14 120			
		07.10-	116353*	14 150			
C5 1.6 HDi	[9HR (DV6C)]	07.10-	115475	14 180	07.10-	114030	12 2.2
					07.10-	113933	12 1.5
	[9HY (DV6TED4)]	09.04-	113640	14 150	09.04-	114030	12 2.2
					09.04-	113254	12 1.4
					09.04-	113933	12 1.5
		[9HZ (DV6TED4)]	09.04-	113640	14 150	09.04-	113933
				09.04-	113254	12 1.4	
				09.04-	114030	12 2.2	
C5 1.6 HDi 115	[9HR (DV6C)]				01.12-	113933	12 1.5
					01.12-	114030	12 2.2
C5 1.8 16V	[6FY (EW7A)]	09.05-	115371	14 120	09.05-	114460	12 1.4
		09.05-	115541	14 150			
C5 1.8 16V X4	[6FZ (EW7J4)]	03.01-	112480	14 90			
		03.01- 09.04	113503	14 120			
		03.01- 09.04	113575	14 80			
		03.01- 09.04	113603	14 80			
		06.01-	112469	14 90			
		AC 03.01-	112469	14 90			
C5 1.8 16V X7	[6FZ (EW7J4)]	10.04-	113575	14 80			
C5 2.0 16V Turbo	[RFN (EW10J4)]	06.01-	112469	14 90			
		06.01- 08.04	113603	14 80			
C5 2.0 16V	[RFJ (EW10A)]	09.04-	115541	14 150			
	[RFN (EW10J4)]	03.01-	112469	14 90			
		03.01- 08.04	113603	14 80			
C5 2.0 HPI 16V	[RLZ (EW10D)]	03.01-	112469	14 90			
		03.01- 08.04	113603	14 80			
C5 2.0 16V Bio-Flex BioFlex	[RFJ (EW10A)]	02.08-	115541	14 150			
C5 2.0 BlueHdi 150	[AHR (DW10FD)]	04.09-	115475	14 180			
					04.09-	114854	12 2.5
					04.09-	113926	12 1.9
				04.09-	114460	12 1.4	

STARTERS & ALTERNATORS



Application list

CITROEN Continued

	[RHE (DW10CTED4)]	04.09-	115475	14	180		04.09-	114854	12	2.5
							04.09-	113926	12	1.9
							04.09-	114460	12	1.4
C5 2.0 HDi	[RHF (DW10BTED4)]	02.08-	113640	14	150		02.08-	113926	12	1.9
		02.08-	114859	14	180		02.08-	114460	12	1.4
		02.08-	115475	14	180		02.08-	114854	12	2.5
	[RHR (DW10BTED4)]	09.04-	113640	14	150		09.04-	111070	12	1.7
		02.08-	114859	14	180		09.04-	113926	12	1.9
		02.08-	115369	14	150		02.08-	114854	12	2.5
		02.08-	115475	14	180		09.04-	114460	12	1.4
	[RHS (DW10ATED4)]	06.01-	112460	14	150		06.01-	111070	12	1.7
		06.01-	112480	14	90		06.01- 08.04	114126	12	2.3
	[RHY (DW10TD)]	03.01- 09.04	112460	14	150		03.01- 09.04	111070	12	1.7
		03.01- 09.04	112480	14	90		03.01- 08.04	114126	12	2.3
		03.01- 09.04	113503	14	120		03.01- 08.04	114460	12	1.4
	[RHZ (DW10ATED)]	03.01-	112460	14	150		03.01- 08.04	114126	12	2.3
		03.01-	112480	14	90		03.01- 08.04	114460	12	1.4
						A34	03.01-	111070	12	1.7
	[RHZ (DW10ATED4)]						06.01- 08.04	114126	12	2.3
C5 2.0 HDi 150	[RHE (DW10CTED4)]						04.09-	113926	12	1.9
							04.09-	114460	12	1.4
							04.09-	114854	12	2.5
C5 2.0 HDi 165	[RHH(DW10CTED4)]	04.09-	115475	14	180		04.09-	114854	12	2.5
C5 2.0 HDi 180	[AHW (DW10FC)]						03.15-	111070	12	1.7
							03.15-	113926	12	1.9
							03.15-	114854	12	2.5
C5 2.0 HDi FAP	[RHS (DW10ATED4)]	03.01- 08.04	113640	14	150		03.01- 08.04	114126	12	2.3
							03.01- 08.04	111070	12	1.7
	[RHZ (DW10ATED4)]	03.01- 08.04	113640	14	150		03.01- 08.04	114126	12	2.3
							03.01- 08.04	111070	12	1.7
C5 2.0 HDi X7	[RHH(DW10CTED4)]	04.09-	115475	14	180		04.09-	114854	12	2.5
C5 2.2 HDi	[4HL (DW12C)]						07.10-	114854	12	2.5
	[4HP (DW12BTED4)]	05.06-	114859	14	180		05.06-	114854	12	2.5
							05.06-	111070	12	1.7
							05.06-	113926	12	1.9
							05.06-	114460	12	1.4
	[4HR (DW12BTED4)]	05.06-	114859	14	180		05.06-	114854	12	2.5
							05.06-	111070	12	1.7
							05.06-	113926	12	1.9
							05.06-	114460	12	1.4
	[4HT (DW12BTED4)]						04.06-	111070	12	1.7
							04.06-	113926	12	1.9
							04.06-	114460	12	1.4
							04.06-	114854	12	2.5
	[4HX (DW12TED4/FAP)]	03.01-	112460	14	150		09.04-	113926	12	1.9
		03.01-	112461	14	150		03.01-	111070	12	1.7
		03.01-	112480	14	90		03.01- 08.04	114126	12	2.3
		09.04-	113640	14	150					
		10.04-	113755	14	150					
C5 2.2 HDi 165	[4HP (DW12BTED4)]	02.08-	114859	14	180		02.08-	114460	12	1.4
							02.08-	113960	12	0.9
C5 2.7 HDi	[DT17ED4]	02.08-	114391	14	180		02.08-	115328	12	2.2
	[UHZ (DT17BTED4)]						02.08-	115328	12	2.2
C5 3.0 Carlsson	[XFX (ES9J4S)]						09.03- 08.04	115354	12	1.3
C5 3.0 V6	[XFU (ES9A)]						09.04-	111070	12	1.7
							09.04- 04.07	115354	12	1.3
	[XFV (ES9A)]						09.04- 04.07	115354	12	1.3
	[XFX (ES9J4S)]						03.01-	111070	12	1.7
							03.01- 08.04	115354	12	1.3
C5 3.0 HDi X7	[DT20C]	04.09-	115582	14	230		04.09-	115328	12	2.2
C5 Break 2.0 HDi	[RHZ (DW10ATED)]	06.01- 08.04	113640	14	150					
C6 2.2 HDi	[4HP (DW12BTED4)]	06.06-	114859	14	180		06.06-	114854	12	2.5
	[4HT (DW12BTED4)]						06.06-	114854	12	2.5
C6 2.7 HDi	[DT17TED4]	09.05-	114391	14	180		09.05-	115328	12	2.2
	[UHZ (DT17BTED4)]	09.05-	114391	14	180		09.05-	115328	12	2.2
C6 3.0 V6	[XFV (ES9A)]						09.05-	111070	12	1.7
							09.05-	115354	12	1.3
	[XFX (ES9J4S)]						09.05-	111070	12	1.7
							09.05-	115354	12	1.3
C6 3.0 HDi	[X8Z (DT20C)]	04.09-	115582	14	230		04.09-	115328	12	2.2
C8 2.0	[RFN (EW10J4)]	07.02-	112469	14	90					
		07.02-	113575	14	80					
C8 2.0 16V	[RFJ (EW10A)]	09.05-	115371	14	120		09.05-	114460	12	1.4
		09.05-	115541	14	150					
C8 2.0 HDi	[RHE(DW10CTED4)]	03.06-	115475	14	180		03.06-	113926	12	1.9
							03.06-	111070	12	1.7
	[RHH(DW10CTED4)]	03.06-	115475	14	180		03.06-	113926	12	1.9
							03.06-	111070	12	1.7
	[RHK (DW10UTED4)]	07.02-	112460	14	150		07.02-	111070	12	1.7
		07.02-	112461	14	150		07.02-	114126	12	2.3
		07.02-	113640	14	150		07.02-	114460	12	1.4
	[RHM (DW10ATED4)]						07.02-	114126	12	2.3
							07.02-	114460	12	1.4
	[RHR (DW10BTED4)]	03.06-	113640	14	150		03.06-	114460	12	1.4
							03.06-	113926	12	1.9
	[RHT (DW10ATED4)]						07.02-	114126	12	2.3
							07.02-	114460	12	1.4
	[RHW (DW10ATED4)]	07.02-	112460	14	150		07.02-	114126	12	2.3
		07.02-	113640	14	150		07.02-	114460	12	1.4
							07.02-	111070	12	1.7
							07.02-	113926	12	1.9
C8 2.2	[3FZ (EW12J4)]	07.02-	112469	14	90					
		07.02-	113575	14	80					
C8 2.2 HDi	[4HP(DW12BTED4)]	06.07-	113640	14	150		06.07-	114854	12	2.5
	[4HR(DW12BTED4)]	06.07-	113640	14	150		06.07-	114854	12	2.5
	[4HT (DW12BTED4)]						06.06-	114854	12	2.5



	[4HW (DW12TED4)]	07.02- 07.02- 07.02-	112460 112461 113640	14 150 14 150 14 150		07.02- 07.02- 07.02-	111070 114126 114460	12 1.7 12 2.3 12 1.4	
C8 3.0 V6	[XFX (ES9J4S)]					07.02- 07.02-	111070 115354	12 1.7 12 1.3	
C8 MPV 2.0 HDi	[RHT (DW10ATED4)]	07.02- 07.02-	112461 113640	14 150 14 150		07.02- 07.02- 07.02-	111070 113926 114126	12 1.7 12 1.9 12 2.3	
C-Crosser 2.2 HDi	[4HN(DW12MTED4)]	02.07-	115369	14 150		02.07- 02.07-	114854 114460	12 2.5 12 1.4	
C-Crosser 2.2 HDi Enterprise	[4HN (DW12METED4)]					01.09-	114854	12 2.5	
C-Crosser 2.4 16V	[4B12] [SFZ (4B12-MMC)]	01.09-	115760	14 120		01.09- 08.08-	115448 115448	12 1.4 12 1.4	
C-Elysee 1.2 VTi	[HMY (EB2M)]	11.12- 11.12-	115546 116357*	14 80 A49 14 80		11.12-	116092	12 1.0	
C-Elysee 1.2 VTi 82						12.14-	116092	12 1.0	
C-Elysee 1.5 BlueHDi 100						05.18- 05.18-	114030 113254	12 2.2 12 1.4	
C-Elysee 1.6 VTi	[NFP (EC5)]	11.12- 11.12-	113405 115438	14 70 14 120		11.12- 11.12-	110584 116306	12 1.2 12 1.2	Reman. Starter
C-Elysee 1.6 BlueHDi 100	[BHY (DV6FD)]					11.14- 11.14-	113254 114030	12 1.4 12 2.2	
C-Elysee 1.6 HDi	[9HJ (DV6DTE DM)] [9HP (DV6DTE D)]					11.12- 11.12- 11.12- 11.12-	113254 114030 113254 114030	12 1.4 12 2.2 12 1.4 12 2.2	
CX 2.0	[829A5]					08.84- 08.86	111063	12 1.2	
CX 2.2 2200	[J6TA500]					07.85- 12.92	111063	12 1.2	
CX 2.2 TRS	[J6TA500]					07.85- 12.92	111063	12 1.2	
CX 2.5 TD	[M25-648]					04.83- 08.85	111115	12 2.2	
CX 2.5 TD 2500	[M25-648]	08.85- 12.86	111071	14 75					
CX 20 RE 2.0	[829A5]					08.85- 12.92	111063	12 1.2	
CX 2000 2.0	[M20-616]	07.74- 07.79	111071	14 75					
CX 22 2.2 TRS	[J6TA500]					07.85- 12.92	111063	12 1.2	
CX 22 TRS 2.2	[J6TA500]					07.85- 12.92	111063	12 1.2	
CX 2200 2.2	[M22-617]	07.74- 07.79	111071	14 75					
CX 2200 2.2 Diesel	[M22-621]	10.75- 02.79	111071	14 75					
CX 2400 2.4	[M23-639]	05.80- 05.82	111071	14 75					
CX 2400 2.4 GTi	[M23-622]	06.77- 06.83	111071	14 75					
CX 25 2.5 TRI	[M25-659]	07.83- 12.92	111071	14 75					
CX 25 2.5 GTi	[M25-668]	07.83- 12.92	111071	14 75					
CX 25 2.5 Diesel	[M25-660]	03.83- 12.92	111071	14 75		08.85- 12.92	111115	12 2.2	
CX 25 2.5 TD	[M25-648]	04.83- 12.86	111071	14 75		04.83- 12.86	111115	12 2.2	
CX 2500 2.5 Diesel	[M25-669]	01.87- 12.92	111071	14 75		01.87- 12.92	111115	12 2.2	
CX 2500 2.5 Diesel	[M25-629]	02.78- 08.85	111071	14 75		02.78- 08.85	111115	12 2.2	
Dispatch 1.5 BlueHDi 100						06.18- 06.18-	114030 113254	12 2.2 12 1.4	
Dispatch 1.5 BlueHDi 120						06.18- 06.18-	114030 113254	12 2.2 12 1.4	
Dispatch 1.6 HDi BlueHDi 115	[BHX (DV6FCU)]					04.16- 04.16-	113254 114030	12 1.4 12 2.2	
Dispatch 1.6 HDi BlueHDi 95	[BHS (DV6FDU)] [BHV (DV6FDU)]					04.16- 04.16- 04.16- 04.16-	113254 114030 113254 114030	12 1.4 12 2.2 12 1.4 12 2.2	
Dispatch 2.0 HDi 4x4	[AHZ (DW10CD)]	07.11-	115475	14 180		07.11- 07.11-	113926 111070	12 1.9 12 1.7	
DS3 1.2 VTi 110	[HNZ (EB2DT)]					A25 10.14-	116281*	12 1.8	
DS3 1.2 VTi 82	[HMZ (EB2F)]	01.13- 01.13-	115546 116357*	14 80 A49 14 80		01.13- 01.13-	116092 113960	12 1.0 12 0.9	
DS3 1.4 16V	[8FR (EP3C)]					04.10-	113960	12 0.9	
DS3 1.4 VTi 98	[8FR (EP3)]	11.09- 11.09- 11.09-	114752* 114811 116311	14 80 14 120 A49 14 120		11.09-	113960	12 0.9	
DS3 1.4 VTi 95 LPG	[8FN (EP3)]	08.12- 08.12- 08.12-	114752* 114811 116311	14 80 14 120 A49 14 120		08.12-	113960	12 0.9	
DS3 1.4 HDi 70	[8HR (DV4C)]					04.10- 04.10- 04.10-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
DS3 1.6	[5FN (EP6CDT)] [5FX (EP6DT)]	01.10- 01.10- 01.10- 01.10- 01.10- 01.10-	114752* 114771* 114811 116311 114752* 114771* 114811 116311	14 80 14 150 14 120 A49 14 120 14 80 14 150 14 120 A49 14 120		01.10- 01.10-	113960 113960	12 0.9 12 0.9	
DS3 1.6 Racing	[5FD (EP6DTS)] [5FU (EP6CDTX)]					02.11- 02.11-	113960 113960	12 0.9 12 0.9	
DS3 1.6 16V	[5FR (EP6DT)] [5FS (EP6C)] [5FV (EP6CDT)]	04.10- 04.10- 04.10- 04.10- 04.10-	114771* 114811 116311 114771* 114811 116311	14 150 14 120 A49 14 120 14 150 14 120 A49 14 120		04.10- 04.10-	113960 113960	12 0.9 12 0.9	
DS3 1.6 THP	[5FN (EP6CDT)] [5FN (EP6DT)] [5FR (EP6DT)]	01.13- 01.13- 01.13- 01.13- 01.13- 01.13-	114752* 114811 116311 114752* 114811 116311 114752* 114811 116311	14 80 14 120 A49 14 120 14 80 14 120 A49 14 120 14 80 14 120 A49 14 120		01.13- 01.13-	113960 113960	12 0.9 12 0.9	

STARTERS & ALTERNATORS



Application list

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	[5FV (EP6CDT)]	01.13- 01.13- 01.13-	114752* 114811 116311	14 80 14 120 A49 14 120		01.13-	113960	12 0.9	
DS3 1.6 THP 165	[5GZ (EP6FDT)]	10.14-	114752*	14 80	A25	10.14- 10.14-	116281* 113960	12 1.8 12 0.9	
DS3 1.6 VTi 120	[5FS (EP6C)]	01.13- 01.13- 01.13-	114752* 114811 116311	14 80 14 120 A49 14 120		01.13-	113960	12 0.9	
DS3 1.6 BlueHdi 75	[BHW (DV6FE)]					03.15-	114854	12 2.5	
DS3 1.6 HDi	[9HP (DV6DTEd)]					11.09- 11.09-	113933 114030	12 1.5 12 2.2	
	[9HR (DV6C)]					11.09- 11.09-	113933 114030	12 1.5 12 2.2	
						08.12-	113933	12 1.5	
DS3 1.6 HDi 115	[9HL (DV6C)]					08.12-	113933	12 1.5	
DS3 1.6 HDi 90	[9HP (DV6DTEd)]					01.13- 01.13- 01.13-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
						07.14-	116281*	12 1.8	
						04.11-	113960	12 0.9	
DS4 1.2	[HNY (EB2DTS)]					04.11-	113960	12 0.9	
DS4 1.6 120	[5FS (EP6C)]	04.11- 04.11- 04.11- 04.11-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150					
	DS4 1.6 THP 155	[5FV (EP6CDT)]	04.11- 04.11- 04.11- 04.11-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150	04.11-	113960	12 0.9	
	DS4 1.6 THP 200	[5FU (EP6DXTX)]	04.11- 04.11- 04.11- 04.11-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150		04.11- 04.11- 04.11-	113933 113960 114030	12 1.5 12 0.9 12 2.2
		DS4 1.6 THP 160	[5FM (EP6DT)]	04.12- 04.12- 04.12- 04.12-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150	04.12-	113960	12 0.9
DS4 1.6 BlueHdi 115		[BHX (DV6FC)]				08.14-	113933	12 1.5	
DS4 1.6 BlueHdi 120		[BHZ (DV6FC)]				07.14-	113933	12 1.5	
DS4 1.6 HDi 110	[9HR]	04.11-	115475	14 180		04.11- 04.11- 04.11-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HR (DV6C)]					04.11- 04.11- 04.11-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	DS4 1.6 HDi 115	[9HL (DV6C)]				08.12- 08.12- 08.12-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	DS4 1.6 HDi 90	[9HP (DV6DTEd)]	05.11-	115475	14 180		05.11- 05.11-	114030 113933	12 2.2 12 1.5
							07.14- 07.14- 07.14- 07.14-	113926 114854 113926 114460	12 1.9 12 2.5 12 1.9 12 1.4
DS4 2.0 BlueHdi 150	[AHR (DW10FD)]					07.14- 07.14-	113926 114854	12 1.9 12 2.5	
	[AHX (DW10FD)]					07.14- 07.14- 07.14- 07.14-	113926 114460 114854 114854	12 1.9 12 1.4 12 2.5 12 2.5	
DS4 2.0 BlueHdi 180	[AHW (DW10FC)]					07.14- 07.14- 07.14- 07.14-	113926 114460 114854 114854	12 1.9 12 1.4 12 2.5 12 2.5	
DS4 2.0 HDi 135	[AHS (DW10FD)]					09.11- 09.11- 09.11-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
	[AHV (DW10FD)]					09.11- 09.11- 09.11-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
	[RHD (DW10CB)]					09.11- 09.11- 09.11-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
	[RHD (DW10CTED4)]					09.11- 09.11- 09.11-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
	DS4 2.0 HDi 160	[RHH (DW10CTED4)]	04.11- 04.11-	114811 116311	14 120 A49 14 120		04.11- 04.11- 04.11-	113926 114460 111070	12 1.9 12 1.4 12 1.7
		DS5 1.6 THP 155	[5FV (EP6CDT)]	11.11- 11.11- 11.11- 11.11-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150	11.11-	113960	12 0.9
		DS5 1.6 THP 200	[5FU (EP6DXTX)]	11.11- 11.11-	115604 116353*	14 150 A49 14 150	11.11-	113960	12 0.9
		DS5 1.6 THP 165 Hybrid	[5GZ (EP6FDT)]				06.12-	116281*	12 1.8
DS5 1.6 HDi 110	[9HR (DV6C)]					11.11- 11.11-	113933 114030	12 1.5 12 2.2	
	DS5 1.6 HDi 115	[9HD (DV6C)]				06.12- 06.12-	113933 114030	12 1.5 12 2.2	
DS5 2.0 BlueHdi 150	[AHX (DW10FD)]					07.14- 07.14- 07.14-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
	DS5 2.0 HDi	[RHH (DW10CTED4)]				11.11- 11.11- 11.11-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
	DS5 2.0 HDi 135	[RHD (DW10CB)]	11.11-	115475	14 180		11.11- 11.11- 11.11-	114854 113926 114460	12 2.5 12 1.9 12 1.4
DS5 2.0 HDi 150 Hybrid		[AHX (DW10FD)]				11.11- 11.11- 11.11-	113926 114460 114854	12 1.9 12 1.4 12 2.5	
DS5 2.0 HDi 180		[AHW (DW10FC)]				08.13-	114854	12 2.5	
Dyane 4 0.4	[A79/1]	03.68- 10.87	110743	14 30		04.68- 10.87	111100	12 0.7	
Dyane 6 0.6	[M28]					12.68- 12.72	111100	12 0.7	
	[M28/1]	10.73- 10.87	110743	14 30		05.72- 12.80	111100	12 0.7	



Evasion 1.8	[LFZ (XU7JP)]	05.97-	112298	14 80		05.97-	111130	12 1.1
		05.97-	112299	14 95		05.97-	113443	12 1.4
		AC 09.96- 07.02	112772	14 120				
Evasion 1.9 TD	[D8B (XUD9TF)]	10.95- 12.98	112688	14 95		11.94- 07.02	111070	12 1.7
		10.95- 12.98	112703	14 120		11.94- 07.02	114460	12 1.4
		10.95- 12.98	113485	14 80				
	[DHX (XUD9TF/BTF)]	11.94- 07.02	112688	14 95		11.94-	111070	12 1.7
		11.94- 07.02	112703	14 120		11.94- 07.02	114460	12 1.4
Evasion 2.0 16V	[RFN (EW10J4)]	05.00- 07.02	112460	14 150				
		05.00- 07.02	112480	14 90				
		05.00- 07.02	113603	14 80				
	[RFV (XU10J4R)]	05.98-	111318	14 80		05.98-	111130	12 1.1
		05.98- 04.00	113604	14 95		05.98-	113443	12 1.4
Evasion 2.0 i	[RFU (XU10J2/C)]	06.94-	112298	14 80		06.94-	111130	12 1.1
		06.94-	112299	14 95		06.94-	113443	12 1.4
		06.94-	112772	14 120				
Evasion 2.0 Turbo	[RGX (XU10J2TE)]	06.94- 07.02	112299	14 95		06.94-	111130	12 1.1
		06.94- 07.02	113604	14 95		06.94-	113443	12 1.4
		04.97- 07.02	111318	14 80				
Evasion 2.0 HDi 16V	[RHW (DW10ATED4)]					09.99- 07.02	114460	12 1.4
Evasion 2.0 HDi	[RHZ (DW10ATED)]	08.99-	112461	14 150		08.99-	111070	12 1.7
		08.99-	112480	14 90		08.99- 07.02	114460	12 1.4
		08.99-	113503	14 120				
		AC 08.99-	112460	14 150				
Evasion 2.1 TD	[P8C (XUD11BTE)]	05.96-	112688	14 95		05.96-	111070	12 1.7
		05.96- 07.02	112703	14 120		05.96- 07.02	114460	12 1.4
		05.96-	113485	14 80				
Grand C4 Spacetourer 1.2 PureTech 130	[HNY (EB2DTS)]					A25 04.18-	116281*	12 1.8
						04.18-	113960	12 0.9
Grand C4 Spacetourer 1.6 THP 165	[5GZ (EP6FDT)]					A25 04.18-	116281*	12 1.8
Grand C4 Spacetourer 2.0 BlueHdi 150	[AHR (DW10FD)]					AT 04.18-	114854	12 2.5
						04.18-	113926	12 1.9
					04.18-	114460	12 1.4	
	[AHX (DW10FD)]					AT 04.18-	114854	12 2.5
						04.18-	113926	12 1.9
Jumper 1.9 Diesel	[D9B (XUD9A/U)]	02.94-	112230	14 80		02.94- 04.02	114460	12 1.4
						02.94-	111070	12 1.7
Jumper 1.9 TD	[DJY (XUD9A)]	01.99- 04.02	112230	14 80		07.99- 04.02	114460	12 1.4
						01.99- 04.02	111070	12 1.7
Jumper 1.9 TD	[D8C (XUD9UTF)]	02.94-	112230	14 80		02.94- 04.02	114460	12 1.4
						02.94- 04.02	111070	12 1.7
		[DHX (XUD9TF/BTF)]	03.94- 04.02	112230	14 80		03.94- 04.02	114460
Jumper 1.9 TD 4x4	[D8C (XUD9UTF)]	02.94- 02.02	112230	14 80		08.96- 04.02	114460	12 1.4
						08.96- 04.02	111070	12 1.7
Jumper 2.0	[RFW (XU10J2U)]	02.94-	112298	14 80		02.94-	111130	12 1.1
		02.94-	112299	14 95		A13 02.94-	113443	12 1.4
		02.94-	112772	14 120				
		[XU10J2]	04.02-	112298	14 80		04.02-	113443
Jumper 2.0 4x4	[RFW (XU10J2U)]	08.96-	112298	14 80		02.94- 02.02	111130	12 1.1
		08.96-	112299	14 95		A13 02.94- 02.02	113443	12 1.4
Jumper 2.0 bivalent	[XU10J2]	02.03-	112298	14 80		02.03-	111130	12 1.1
		02.03-	112772	14 120		02.03-	113443	12 1.4
Jumper 2.0 HDi	[RHW (DW10TD)]	04.02-	112460	14 150		04.02-	111070	12 1.7
		04.02-	112461	14 150				
		04.02-	112480	14 90				
		04.02-	113640	14 150				
		04.02-	113946	14 90				
	[RHW (DW10UTD)]	11.01- 04.02	112461	14 150		04.02-	114460	12 1.4
		11.01- 04.02	112480	14 90		11.01- 04.02	111070	12 1.7
		04.02-	112460	14 150				
		04.02-	113640	14 150				
		04.02-	113946	14 90				
Jumper 2.2 HDi 16V	[4HY (DW12UTED)]	AC 04.02-	113640	14 150				
		04.02-	112460	14 150		04.02-	114126	12 2.3
		04.02-	112480	14 90		04.02-	111070	12 1.7
		04.02-	113946	14 90				
		AC 04.02-	113640	14 150				
Jumper 2.2 HDi	[4HU (P22DTE)]	04.06-	113958	14 150		04.06-	113959	12 2.0
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
	[4HV (P22DTE)]	04.06-	113958	14 150		04.06-	113959	12 2.0
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49
	[4HY (DW12UTED)]	02.02- 06.06	113640	14 150		04.02-	114460	12 1.4
		04.02-	112460	14 150		04.02-	111070	12 1.7
		04.02-	112461	14 150		02.02- 06.06	114126	12 2.3
		04.02-	112480	14 90				
		04.02-	113946	14 90				
		AC 02.02- 06.06	112460	14 150				
		AC 02.02- 06.06	112480	14 90				
		AC 02.02- 06.06	113946	14 90				
[4HY (DW12UTED4)]	AC 04.02-	113640	14 150					
	04.02-	112460	14 150		04.02-	111070	12 1.7	
	04.02-	112480	14 90		04.02-	114126	12 2.3	
	04.02-	113640	14 150					
	04.02-	113946	14 90					
Jumper 2.2 HDi 110	[4HG (P22DTE)]	07.11-	115461	14 150		07.11-	115510	12 2.0 A49
		07.11-	116061	14 150 A49		07.11-	113959	12 2.0
Jumper 2.2 HDi 130	[4HH (P22DTE)]	07.11-	115461	14 150		07.11-	113959	12 2.0
		07.11-	115739	14 180		07.11-	115510	12 2.0 A49
		07.11-	116061	14 150 A49		A25 07.11-	115986	12 2.5



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CITROEN *Continued*

Jumper 2.2 HDi 150	[4HJ (P22DTE)]	07.11-	115461	14 150		07.11-	113959	12 2.0
		07.11-	115739	14 180		07.11-	115510	12 2.0 A49
		07.11-	116061	14 150 A49		A25 07.11-	115986	12 2.5
Jumper 2.5 Diesel	[T9A (DJ5)]	02.94- 04.02	112772	14 120		03.94-	112053	12 2.2
		03.94-	112299	14 95				
Jumper 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 04.02	112299	14 95		02.94- 04.02	112053	12 2.2
		02.94- 04.02	112772	14 120				
Jumper 2.5 TD	[T8A (DJ5T)]	02.94- 04.02	112772	14 120		03.94-	112053	12 2.2
		03.94-	112299	14 95				
Jumper 2.5 TD 4x4	[T8A (DJ5T)]	02.94- 04.02	112299	14 95		02.94- 02.02	112053	12 2.2
		02.94- 04.02	112772	14 120				
Jumper 2.5 TDi	[THX (DJ5TED)]	12.96- 02.02	112299	14 95		12.96- 02.02	112053	12 2.2
		12.96- 02.02	112772	14 120				
Jumper 2.5 TDi 4x4	[THX (DJ5TED)]	10.96- 04.02	112299	14 95		10.96- 04.02	112053	12 2.2
		10.96- 04.02	112772	14 120				
Jumper 2.8 Diesel	[8140.63]	01.99-	111498	14 110		01.99-	113451	12 2.2
		01.99-	112681	14 80				
	[8140.63 (F28D)]	01.99- 02.02	111498	14 110		01.99- 02.02	113451	12 2.2
		01.99- 02.02	112681	14 80				
Jumper 2.8 HDi	[8140.43N]	05.04-	113247	14 120		05.04-	112436	12 2.3
		05.04-	114680	14 150		05.04-	113451	12 2.2
	[8140.43S]	09.00- 01.02	113247	14 120		04.02-	112026	12 2.6
		09.00- 04.02	113950	14 90	Chas. -17600143	09.00-	112436	12 2.3
		09.00- 04.02	114680	14 150	Chas. 17600144-	04.02-	113935	12 2.5
						04.02-	115501	12 2.5 A49
Jumper 2.8 HDi 4x4	[8140.43S]	09.00-	113247	14 120	Chas. -17600143	09.00-	112436	12 2.3
		09.00- 04.02	113950	14 90	Chas. 17600144-	04.02-	113935	12 2.5
		09.00- 04.02	114680	14 150		04.02-	115501	12 2.5 A49
Jumper 2.8 TD	[F28TDCR]	02.02- 06.06	113247	14 120				
		02.02- 06.06	113950	14 90				
		02.02- 06.06	114680	14 150				
Jumper 2.8 TD	[8140.43]	10.99-	111498	14 110		10.99-	113451	12 2.2
		10.99-	112681	14 80				
Jumper 3.0 HDi	[F1CE0481D (F30DT)]	09.06-	114082	14 180 A49		09.06-	114054	12 2.5
		09.06-	114705	14 140		09.06-	115516	12 2.5
		09.06-	115452	14 150				
		09.06-	116043	14 180				
	[F1CE0481D(FG30DT)]	09.06-	114082	14 180 A49		09.06-	114054	12 2.5
		09.06-	114705	14 140		09.06-	115516	12 2.5 A49
Jumper 3.0 HDi 145	[F1CE3481N]	07.10-	114705	14 140		07.10-	114054	12 2.5
		07.10-	115490	14 140 A49		07.10-	115516	12 2.5 A49
Jumper 3.0 HDi 155	[F1CE0481D (F30DT)]	07.10-	114705	14 140		07.10-	115516	12 2.5 A49
		07.10-	115452	14 150		07.10-	114054	12 2.5
		07.10-	115490	14 140 A49				
Jumper 3.0 HDi 180	[F1CE3481E]	07.11-	114082	14 180 A49		07.11-	114054	12 2.5
		07.11-	114705	14 140		07.11-	115516	12 2.5 A49
		07.11-	115490	14 140 A49				
		07.11-	116043	14 180				
Jumpy 1.6	[1580SPI]	10.95-	111411	14 75		10.95-	112124	12 0.9
		10.95-	111416	14 65				
		10.95-	111568	14 85				
Jumpy 1.6 i	[220A2.000]	10.95-	111411	14 75				
		10.95-	111416	14 65				
		10.95-	111568	14 85				
Jumpy 1.6 i	[1580SPI]	10.95-	111568	14 85		10.95-	112124	12 0.9
		10.95-	111416	14 65		10.95- 02.01	112124	12 0.9
		10.95-	111568	14 85				
Jumpy 1.6 BlueHdi 115	[BHX (DV6FCU)]					04.16-	113254	12 1.4
						04.16-	114030	12 2.2
Jumpy 1.6 BlueHdi 95	[BHV (DV6FDU)]					04.16-	113254	12 1.4
						04.16-	114030	12 2.2
Jumpy 1.6 HDi	[9HU (DV6UTED4)]					01.07-	114030	12 2.2
						01.07-	113254	12 1.4
Jumpy 1.6 HDi 90	[9HH (DV6DUM), 9HM (DV6UC)]					01.07-	113254	12 1.4
						01.07-	114030	12 2.2
Jumpy 1.6 HDi BlueHdi 95	[BHS (DV6FDU)]					09.16-	113254	12 1.4
						09.16-	114030	12 2.2
						09.16-	113254	12 1.4
Jumpy 1.9 Diesel	[D9B (XUD9A/U)]	10.95-	112230	14 80		10.95-	111070	12 1.7
		10.95-	112292	14 70		10.95- 04.98	114460	12 1.4
		10.95-	113485	14 80				
		PS 10.95-	111893	14 70				
		ACPS 10.95-	112688	14 95				
		AC 10.95-	112703	14 120				
	[WJY (DW8B)]	04.98- 02.01	112058	14 70		04.98- 08.01	111070	12 1.7
		04.98- 02.01	112480	14 90		04.98-	114460	12 1.4
		04.98- 02.01	113503	14 120				
	[WJZ (DW8)]	10.98- 08.01	113603	14 80				
		04.98- 02.01	112058	14 70		04.98- 08.01	111070	12 1.7
		04.98- 02.01	112480	14 90		04.98-	114460	12 1.4
		04.98- 02.01	113503	14 120				
		10.98- 08.01	113603	14 80				
		AC 04.98-	113503	14 120				



Application list

CITROEN *Continued*

Relay 2.8 Diesel	[8140.63 (F28D)]	01.99- 02.02	111498	14	110	01.99- 02.02	113451	12	2.2	
		01.99- 02.02	113755	14	150					
Saxo 1.0	[CDZ (TU9M)]	05.96- 09.03	110619	14	70	02.96- 09.03	111994	12	0.7	
		05.98- 09.03	112782	14	80	05.96- 06.03	116306	12	1.2	
						02.96- 09.03	110584	12	1.2	
Saxo 1.1	[HDZ (TU1M)]	03.00-	112648	14	70	05.96-	110584	12	1.2	
		05.96-	110619	14	70	05.96- 09.03	116306	12	1.2	
										Reman. Starter
		05.96-	112782	14	80					
		05.96- 09.03	110619	14	70	03.00- 09.03	116306	12	1.2	Reman. Starter
Saxo 1.4 VTS	[KFW (TU3JP)]	05.96- 06.03	110619	14	70	06.00- 09.03	111994	12	0.7	
		03.00-	112648	14	70	05.96-	110584	12	1.2	
		05.96- 06.03	110619	14	70	05.96- 06.03	116306	12	1.2	Reman. Starter
		05.96- 09.99-	112782	14	80					
Saxo 1.5 Diesel	[VJY (TUD5)]	09.96-	111532	14	80	09.96-	111029	12	1.4	
		09.96-	112287	14	70					
		09.96-	112467	14	90					
		05.96- 06.03	111532	14	80	09.96- 06.03	111029	12	1.4	
		09.96- 06.03	112287	14	70					
Saxo 1.6	[NFZ (TU5JP)]	03.00-	112648	14	70	05.96-	110584	12	1.2	
		05.96-	110619	14	70	05.96- 06.03	116306	12	1.2	Reman. Starter
		05.96-	111723	14	70					
		05.96- 09.98-	112782	14	80					
Saxo 1.6 16V	[NFX (TU5JP4)]	06.96-	112782	14	80	06.96- 09.03	116306	12	1.2	Reman. Starter
						06.96-	110584	12	1.2	
Saxo 1.6 VTS	[NFT]	09.00-	111723	14	70	09.00-	110584	12	1.2	
		09.00-	112782	14	80	09.00- 09.03	116306	12	1.2	Reman. Starter
SpaceTourer 1.6 BlueHDI 115	[BHX (DV6FC)]					04.16-	113254	12	1.4	
SpaceTourer 1.6 BlueHDI 95	[BHV (DV6FDU)]					04.16-	114030	12	2.2	
						04.16-	113254	12	1.4	
SpaceTourer 2.0 BlueHDI 150	[AHX (DW10FD)]					04.16-	114030	12	2.2	
						04.16-	113254	12	1.4	
SpaceTourer 2.0 BlueHDI 180	[AHH (DW10FC)]					04.16-	114854	12	2.5	
Various Models							116306	12	1.2	Reman. Starter
						05.94-	113443	12	1.4	
						03.91-	111130	12	1.1	
						10.85-	111115	12	2.2	
						07.85- 01.93	111070	12	1.7	
						01.85- 07.88	111068	12	0.85	
						09.81-	110793	12	0.9	
						10.84- 01.93	110587	12	1.2	
Visa 1.0	[XV8]	09.84- 06.88	111075	14	55	09.84- 06.88	111068	12	0.85	
		09.78- 03.91	111075	14	55	09.84- 03.91	111068	12	0.85	
Visa 1.1	[109/5]	07.82- 03.91	111075	14	55	07.82- 03.91	111068	12	0.85	
		07.82- 03.91	111075	14	55	11.84- 06.88	111068	12	0.85	
		09.78- 06.88	111075	14	55					
Visa 1.2 Super X	[129/5]	07.80- 06.82	111075	14	55					
Visa 1.4	[150D (XY7)]	07.84- 03.91	111075	14	55	07.84- 03.91	111068	12	0.85	
Visa 1.4 GT	[150B (XY8)]	03.82- 03.91	111075	14	55	03.82- 03.91	111068	12	0.85	
						07.82- 03.91	111068	12	0.85	
Visa 1.6 GTi	[180A (XU5J)]	10.84- 12.89	111076	14	50	01.85- 03.91	111130	12	1.1	
		10.84- 03.91	111076	14	50	06.86- 03.91	111130	12	1.1	
Visa 1.7 Diesel	[161A (XUD7)]	01.84- 03.91	111076	14	50	04.84- 03.91	114460	12	1.4	
						04.84- 03.91	111070	12	1.7	
						03.93- 01.98	111130	12	1.1	
Xantia 1.6 i	[BFZ (XU5JP)]	03.93- 01.98	112298	14	80	A13 03.93- 01.98	113443	12	1.4	
		03.93- 01.98	112299	14	95					
		03.93- 01.98	112772	14	120					
Xantia 1.6 i SX	[XU5JP]	01.98- 03.01	112298	14	80	01.98- 03.01	111130	12	1.1	
		01.98- 03.01	112299	14	95	01.98- 03.01	113443	12	1.4	
Xantia 1.8 i 16V	[LFY (XU7JP4)]	06.95- 01.98	111318	14	80	06.95- 01.98	111130	12	1.1	
		06.95- 04.03	113604	14	95	A13 06.95- 01.98	113443	12	1.4	
Xantia 1.8 i	[LFX (XU7JB)]	04.97-	111318	14	80	04.97-	111130	12	1.1	
		04.97- 04.03	113604	14	95	A13 04.97-	113443	12	1.4	
	[LFZ (XU7JP)]	03.93- 01.98	112298	14	80	03.93- 01.98	111130	12	1.1	
		03.93- 01.98	112299	14	95	A13 03.93- 01.98	113443	12	1.4	
Xantia 1.9 Diesel	[D9B (XUD9A/L)]	06.94-	112230	14	80	06.94-	111070	12	1.7	
		06.94-	112292	14	70	06.94- 01.98	114460	12	1.4	
		06.94-	112688	14	95					
		06.94-	112703	14	120					
	[DHW (XUD9SD)]	02.96-	112688	14	95	02.96-	111070	12	1.7	
		02.96-	112703	14	120	02.96- 04.03	114460	12	1.4	
		04.97-	112230	14	80					
	[DJZ (XUD9Y)]	06.94-	112230	14	80	06.94-	111070	12	1.7	
		06.94-	112292	14	70	06.94- 01.98	114460	12	1.4	
06.94-		112688	14	95						
06.94-		112703	14	120						
Xantia 1.9 TD	[D8B (XUD9TF)]	01.98-	112688	14	95	01.98-	111070	12	1.7	
		01.98-	112703	14	120	09.95- 04.03	114460	12	1.4	
	[DHX (XUD9TF/BTF)]	07.93-	112230	14	80	07.93- 01.98	111070	12	1.7	
		07.93-	112292	14	70	10.94- 04.03	114460	12	1.4	
		06.95-	112688	14	95					
	06.95-	112703	14	120						
	AC 07.95-	112703	14	120						



	[DHY (XUD9TE/Y)]	07.93- 07.93- 06.95- 06.95- AC 07.95-	112230 112292 112688 112703 112703	14 80 14 70 14 95 14 120 14 120		07.93- 10.94- 04.03	111070 114460	12 1.7 12 1.4	
Xantia 2.0 i 16V	[RFT (XU10J4/Z)]	03.93- 12.98 06.94- 06.94-	112772 112298 112299	14 120 14 80 14 95		05.89- 06.94	113443	12 1.4	
	[RFV (XU10J4R)]	06.95- 06.95- 04.03 01.98-	111318 113604 112299	14 80 14 95 14 95		06.95- 01.98 01.98-	111130 113443	12 1.1 12 1.4	
	[RFY (XU10J4/Z)]	03.93- 12.98 03.93- 12.98 03.93- 12.98	112298 112299 112772	14 80 14 95 14 120					
Xantia 2.0 i	[RFX (XU10J2C)]	03.93- 01.98 03.93- 01.98 03.93- 01.98 06.95- 06.95- 01.98	112298 112299 112772 111318 113604	14 80 14 95 14 120 14 80 14 95		03.93- 01.98 03.93- 01.98	111130 113443	12 1.1 12 1.4	
Xantia 2.0 Turbo	[RGX (XU10J2TE)]	06.95- 01.98 06.95- 04.03	111318 113604	14 80 14 95		06.95- 01.98 06.95- 01.98	111130 113443	12 1.1 12 1.4	
Xantia 2.0 HDi	[RHY (DW10TD)]	03.99- 03.99- AC 03.99-	112480 113503 112460	14 90 14 120 14 150		03.99- 03.99- 04.03	111070 114460	12 1.7 12 1.4	
	[RHZ (DW10ATED)]	02.99- AC 02.99-	112480 112460	14 90 14 150		02.99- 02.99- 04.03	111070 114460	12 1.7 12 1.4	
Xantia 2.1 TD 12V	[P8C (XUD11BTE)]	06.95- 06.95-	112688 112703	14 95 14 120		06.95- 06.95- 02.99	111070 114460	12 1.7 12 1.4	
XM 2.0	[R2A (XU102C)]	05.89- 04.94 05.89- 04.94 05.89- 04.94	112299 112688 113604	14 95 14 95 14 95		05.89- 04.94 05.89- 04.94	111130 113443	12 1.1 12 1.4	
	[RDZ (XU10MZ)]					05.89- 04.94	111130	12 1.1	
	[XU102C]					05.89- 04.94	111130	12 1.1	
XM 2.0 i 16V	[RFV (XU10J4R)]	05.94- 05.95 05.94- 05.95 05.94- 10.00 Chas. 6779- 05.95- 10.00 Chas. -6778 05.94- 05.95 Chas. -6778 05.94- 05.95 Chas. -6778 05.94- 05.95	112298 112299 113604 111318 112298 112299 112772	14 80 14 95 14 95 14 80 14 80 14 95 14 120		A13 05.94- 05.94-	113443 111130	12 1.4 12 1.1	
XM 2.0 i Turbo	[RGY (XU10J2TE/Z)]					A13 09.92- 06.94 09.92- 06.94	113443 111130	12 1.4 12 1.1	
XM 2.0 i	[RDZ (XU10MZ)]					A13 03.91- 04.94 05.89- 04.94	113443 111130	12 1.4 12 1.1	
	[RFZ (XU10J2)]					A13 05.89- 06.94 05.89- 06.94 11.91- 06.94	113443 111130 113443	12 1.4 12 1.1 12 1.4	
XM 2.0 Turbo	[RGX (XU10J2TE)]	05.94- 10.00 06.95- Chas. 6779- 05.95-	113604 111318 111318	14 95 14 80 14 80		A13 05.94- 05.94-	113443 111130	12 1.4 12 1.1	
	[RGY (XU10J2TE/Z)]					A13 09.92- 06.94 09.92- 10.00	113443 111130	12 1.4 12 1.1	
XM 2.1 Diesel	[P9A (XUD11A)]					05.89- 06.94 11.91- 04.94	111070 114460	12 1.7 12 1.4	
XM 2.1 TD 12V	[P8A (XUD11ATE)]	Chas. 6779- 05.94- Chas. 6779- 05.94-	112688 112703	14 95 14 120		05.89- 06.94	111070	12 1.7	
	[P8C (XUD11BTE)]	07.95- 07.95- Chas. 6779- 05.94- Chas. 6779- 05.94-	112688 112703 112688 112703	14 95 14 120 14 95 14 120		05.94- 05.94- 10.00	111070 114460	12 1.7 12 1.4	
	[PHZ (XUD11ATE)]	07.95- 07.95-	112688 112703	14 95 14 120		05.94- 10.00 05.89- 10.00	114460 111070	12 1.4 12 1.7	
	[PJZ (XUD11ATE)]					05.89- 10.00 05.94- 10.00	111070 114460	12 1.7 12 1.4	
XM 2.5 TD	[THY (DK5ATE)]	05.94-	112772	14 120		05.94-	113443	12 1.4	
Xsara 1.4	[KFX (TU3JP)]	05.98- 03.05 05.98- 03.05 05.98- 03.05	110619 111723 112782	14 70 14 70 14 80		05.98- 03.05 05.98- 03.05 05.98- 03.05	116306 110584 111994	12 1.2 12 1.2 12 0.7	
Xsara 1.4 i	[KFW (TU3JP)]	09.00- 09.00- 09.00- 04.97- 08.05 04.97-	111723 112469 112782 110619 113575	14 70 14 90 14 80 14 70 14 80		04.97- 04.97-	110584 116306	12 1.2 12 1.2	Reman. Starter
	[KFX (TU3JP)]	04.97- 08.05 04.97- 02.01 03.98- 02.01 AC 04.97-	110619 112782 111723 111723	14 70 14 80 14 70 14 70		04.97- 08.00 04.97- 08.05 04.97- 08.00	110584 116306 111994	12 1.2 12 1.2 12 0.7	Reman. Starter
Xsara 1.4 HDi	[BHX (DV4TD)]	01.03- 01.03-	113246 113755	14 90 14 150		01.03-	113254	12 1.4	
Xsara 1.4 LPG	[KFX (TU3JP)]	06.99- 08.00 06.99- 08.00 06.99- 08.00	110619 111723 112782	14 70 14 70 14 80		06.99- 08.00 06.99- 08.00 06.99- 08.00	110584 111994 116306	12 1.2 12 0.7 12 1.2	
Xsara 1.5 Diesel	[VJZ (TUD5)]	04.97- 04.97-	111532 112287	14 80 14 70		04.97-	111029	12 1.4	
Xsara 1.6 Picasso	[NFV (U5JP)]	09.00- 09.00- 09.00-	112469 113405 113575	14 90 14 70 14 80		09.00- 09.00- 09.00-	110584 111994 116306	12 1.2 12 0.7 12 1.2	Reman. Starter

STARTERS & ALTERNATORS



Application list

CITROEN Continued

	[NFZ (TU5JP)]	01.00-	113603	14 80		06.00-	116306	12 1.2	Reman. Starter
		06.00-	112469	14 90		01.00-	110584	12 1.2	
		06.00-	113405	14 70		01.00-	111994	12 0.7	
		06.00-	113575	14 80					
		09.05-	113755	14 150		06.02-	116306	12 1.2	Reman. Starter
		06.02-	112058	14 70		06.02-	111994	12 0.7	
						06.02-	110584	12 1.2	
Xsara 1.6 16V	[NFU (TU5JP4)]	09.00-	111723	14 70		11.00- 09.06	110584	12 1.2	
		09.00-	112782	14 80		11.00-	111994	12 0.7	
		09.00-	113405	14 70		09.00- 09.06	116306	12 1.2	Reman. Starter
		09.00- 09.06	113575	14 80					
Xsara 1.6 16V Picasso	[NFV (TU5JP4)]	09.05-	113575	14 80					
Xsara 1.6 i	[NFZ (TU5JP)]	04.97- 09.00	112782	14 80		04.97- 09.00	116306	12 1.2	Reman. Starter
		10.97-	110619	14 70		10.97- 09.00	110584	12 1.2	
		10.97- 09.00	111723	14 70		10.97- 09.00	111994	12 0.7	
Xsara 1.6 HDI Picasso	[9HX (DV6ATED4)]	09.05-	113755	14 150		09.05-	114030	12 2.2	
						09.05-	113254	12 1.4	
	[9HY (DV6TED4)]	05.04-	113640	14 150		05.04-	114030	12 2.2	
						05.04-	113254	12 1.4	
						05.04-	113933	12 1.5	
	[9HZ (DV6TED4)]	05.04-	113640	14 150		05.04-	114030	12 2.2	
						05.04-	113254	12 1.4	
						05.04-	113933	12 1.5	
Xsara 1.8 16V Picasso	[6FZ (EW7J4)]	01.00-	113603	14 80					
		02.00-	112469	14 90					
		02.00-	112480	14 90					
		02.00-	113503	14 120					
		02.00-	113575	14 80					
	[LFY (XU7JP4)]	02.00-	112469	14 90					
		02.00-	112480	14 90					
		02.00-	113503	14 120					
Xsara 1.8 i 16V	[LFY (XU7JP4)]	10.97-	111318	14 80		04.97-	111130	12 1.1	
		02.98- 09.00	113604	14 95		04.97-	113443	12 1.4	
Xsara 1.8 i	[LFX (TU7JB)]	04.97- 09.00	113604	14 95		10.97-	113443	12 1.4	
		10.97-	111318	14 80		10.97-	111130	12 1.1	
	[LFX (XU7JB)]	02.98-	111318	14 80		02.98-	111130	12 1.1	
		02.98- 09.00	113604	14 95		02.98-	113443	12 1.4	
	[LFX (XU7JP)]	10.97-	111318	14 80		10.97-	111130	12 1.1	
		10.97- 09.00	113604	14 95		10.97-	113443	12 1.4	
	[LFZ (XU7JP)]	04.97- 09.00	112298	14 80		04.97- 09.00	111130	12 1.1	
		04.97- 09.00	112299	14 95		04.97- 09.00	113443	12 1.4	
		04.97- 09.00	112772	14 120					
		AC 04.97- 09.00	112772	14 120					
Xsara 1.8 Diesel	[161A (XUD7)]	04.97-	112230	14 80		04.97-	111070	12 1.7	
		04.97-	112292	14 70		04.97- 09.00	114460	12 1.4	
		PS 04.97-	111893	14 70					
		PS 04.97-	112688	14 95					
		PS 04.97-	113485	14 80					
		AC 04.97-	112703	14 120					
	[A9A (XUD7)]	10.97- 05.99	112230	14 80		04.97- 09.00	111070	12 1.7	
		10.97-	112292	14 70		10.97- 09.00	114460	12 1.4	
		05.98- 05.99	111893	14 70					
		05.98- 05.99	112688	14 95					
		05.98- 05.99	112703	14 120					
		05.98- 05.99	113485	14 80					
		PS 10.97-	111893	14 70					
		PS 10.97-	112688	14 95					
		PS 10.97-	113485	14 80					
		ACPS 10.97-	112703	14 120					
Xsara 1.9 Diesel	[DHW (XUD9BSD)]	01.98-	112230	14 80		01.98-	111070	12 1.7	
		01.98-	112292	14 70		01.98- 09.00	114460	12 1.4	
		ACPS 01.98-	112688	14 95					
		ACPS 01.98-	113485	14 80					
	[DJY (XUD9A)]	04.97- 02.99	112230	14 80		04.97- 02.99	111070	12 1.7	
		04.97- 02.99	112292	14 70		04.97- 09.00	114460	12 1.4	
		02.98- 02.99	112688	14 95					
		02.98- 02.99	113485	14 80					
		PS 10.97-	111893	14 70					
		PS 10.97-	112688	14 95					
		PS 10.97-	113485	14 80					
		ACPS 04.97-	112688	14 95					
		ACPS 04.97-	113485	14 80					
		ACPS 10.97-	112703	14 120					
	[WJY (DW8B)]	09.00-	113503	14 120		07.98- 08.05	114460	12 1.4	
		09.00-	113603	14 80					
	[WJZ (DW8)]	04.98- 03.05	113503	14 120		07.98-	111070	12 1.7	
		07.98- 03.05	112058	14 70		07.98- 08.05	114460	12 1.4	
		07.98- 03.05	112480	14 90					
		07.98- 03.05	113603	14 80					
Xsara 1.9 TD	[DHY (XUD9TE/Y)]	04.97- 02.01	112230	14 80		04.97- 02.01	111070	12 1.7	
		04.97- 02.01	112292	14 70		04.97- 09.00	114460	12 1.4	
		04.97- 02.01	112688	14 95					
		02.98- 02.01	111893	14 70					
		02.98- 02.01	112703	14 120					
		02.98- 02.01	113485	14 80					
		PS 04.97-	111893	14 70					
		PS 04.97-	113485	14 80					
		ACPS 10.97-	113485	14 80					
		AC 04.97-	112703	14 120					
		AC 10.97-	112688	14 95					
Xsara 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14 90					
		09.00- 08.05	113603	14 80					



	[RFS (XU10J4RS)]	04.97-	111318	14 80		04.97-	111130	12 1.1	
		04.97- 09.00	113604	14 95		04.97-	113443	12 1.4	
	[RFV (XU10J4R)]	07.98-	111318	14 80		07.98-	111130	12 1.1	
		07.98- 09.00	113604	14 95		07.98-	113443	12 1.4	
Xsara 2.0 16V Picasso	[RFN (EW10J4)]	03.01-	112469	14 90					
		03.01-	113603	14 80					
Xsara 2.0 i 16V	[RFS (XU10J4RS)]	02.98-	111318	14 80		02.98-	111130	12 1.1	
		02.98- 03.05	113604	14 95		02.98-	113443	12 1.4	
Xsara 2.0 HDI	[RHY (DW10TD)]	09.00- 03.05	112460	14 150		09.00- 03.05	113926	12 1.9	
		09.00- 03.05	113755	14 150		02.99- 03.05	111070	12 1.7	
		02.99-	112461	14 150		02.99- 08.05	114460	12 1.4	
		02.99- 03.05	112480	14 90					
		02.99- 03.05	113503	14 120					
	AC 02.99-		112460	14 150					
	[RHZ (DW10ATED)]	05.01-	112480	14 90		05.01-	111070	12 1.7	
		AC 05.01-	112460	14 150					
Xsara 2.0 HDI Picasso	[RHY (DW10TD)]	04.00-	112480	14 90		12.99-	114460	12 1.4	
		04.00-	113503	14 120		04.00-	111070	12 1.7	
		AC 04.00-	112460	14 150					
Xsara Hatch 1.9 Diesel	[WJY (DW8B)]	04.00- 04.05	112058	14 70		04.00- 04.05	111070	12 1.7	
		04.00- 04.05	112469	14 90		04.00- 04.05	113926	12 1.9	
		04.00- 04.05	113503	14 120		04.00- 04.05	114460	12 1.4	
		04.00- 04.05	113575	14 80					
		04.00- 04.05	115438	14 120					
ZX 1.1	[H1A]	03.91- 08.93	110619	14 70		03.91- 08.93	116306	12 1.2	Reman. Starter
						03.91- 08.93	110584	12 1.2	
	[H1B]					03.91- 08.93	110584	12 1.2	Reman. Starter
						03.91- 08.93	116306	12 1.2	
	[HDZ (TU1M)]	03.91-	110619	14 70		03.91- 06.97	116306	12 1.2	Reman. Starter
						03.91-	110584	12 1.2	
ZX 1.4	[KDZ (TU3M/Z)]	03.91-	110619	14 70		03.91-	110584	12 1.2	
		03.91-	112782	14 80		03.91- 06.97	116306	12 1.2	Reman. Starter
ZX 1.4 i	[KDX (TU3M/Z)]	03.91- 06.97	110619	14 70		03.91- 06.97	110584	12 1.2	
		AC 03.91- 06.97	112782	14 80		03.91- 06.97	116306	12 1.2	Reman. Starter
	[KDY (TU3M)]	10.93- 10.97	110619	14 70		10.93-	110584	12 1.2	
		10.93-	112782	14 80		10.93- 10.97	116306	12 1.2	Reman. Starter
	[KDY (TU3M/Z)]	10.93- 10.97	110619	14 70		10.93- 10.97	110584	12 1.2	
		10.93- 10.97	112782	14 80		10.93- 10.97	116306	12 1.2	Reman. Starter
	[KDZ (TU3M/Z)]	03.91-	110619	14 70		03.91- 06.97	116306	12 1.2	Reman. Starter
		AC 03.91-	112782	14 80					
	[KFX (TU3JP)]	03.96- 10.97	110619	14 70		05.96- 10.97	110584	12 1.2	
		06.96-	112782	14 80		03.91- 10.97	116306	12 1.2	Reman. Starter
		AC 05.96- 10.97	112782	14 80					
ZX 1.6 i	[BDY (XU5M)]	03.91- 12.94	112230	14 80		03.91- 12.94	111130	12 1.1	
		10.93-	112298	14 80		10.93-	113443	12 1.4	
		10.93-	112299	14 95					
	[BFZ (XU5JP)]	07.93- 01.94	112230	14 80		10.93-	113443	12 1.4	
		07.93- 10.97	112299	14 95		07.93- 10.97	111130	12 1.1	
		10.93-	112298	14 80					
ZX 1.8 i 16V	[LFY (XU7JP4)]	01.96- 02.98	111318	14 80		01.96- 02.98	111130	12 1.1	
		01.96- 02.98	113604	14 95					
ZX 1.8 i	[LFZ (XU7JP)]	07.92- 10.97	112298	14 80		A13 07.92- 10.97	113443	12 1.4	
		07.92- 10.97	112299	14 95		07.92- 10.97	111130	12 1.1	
ZX 1.8 Diesel	[161A (XUD7)]	06.93- 06.97	111318	14 80		06.93- 06.97	111070	12 1.7	
		06.93- 06.97	111893	14 70		06.93- 10.97	114460	12 1.4	
ZX 1.9 i	[DKZ (XU9JA)]	03.91- 10.97	112298	14 80		03.91- 10.97	111130	12 1.1	
		03.91- 10.97	112299	14 95		A13 03.91- 10.97	113443	12 1.4	
ZX 1.9 Diesel	[D9B (XUD9A/U)]	03.91- 06.95	112292	14 70		06.94-	111070	12 1.7	
		06.94-	112688	14 95		06.94- 10.97	114460	12 1.4	
		06.94-	112703	14 120					
		06.94-	113485	14 80					
		07.95- 10.97	111893	14 70					
	Chas. -6778	03.91- 06.95	112292	14 70					
	Chas. 6629-	06.94-	112688	14 95					
	Chas. 6629-	06.94-	112703	14 120					
	Chas. 6629-	06.94-	113485	14 80					
	ACPS	06.94- 06.97	114026	14 80					
	AC,PS, Stelnr.	6629- 06.94-	111893	14 70					
	[DJY (XUD9A)]	06.94- 06.97	111893	14 70		06.94- 06.97	111070	12 1.7	
		06.94- 06.97	112292	14 70		06.94- 06.97	114460	12 1.4	
		06.94- 06.97	112688	14 95					
		06.94- 06.97	112703	14 120					
		06.94- 06.97	113485	14 80					
		ACPS	06.94- 06.97	114026	14 80				
	[DJZ (XUD9Y)]	03.91-	112292	14 70		03.91- 01.98	111070	12 1.7	
		06.95- 01.98	112703	14 120		03.91- 10.97	114460	12 1.4	
	Eng. -6778	03.91- 01.98	112292	14 70					
	Chas. -6628	10.93-	112292	14 70					
	ACPS	03.91- 10.97	114026	14 80					
	AC	03.91- 01.98	112230	14 80					
ZX 1.9 TD	[DHY (XUD9TE/Y)]	07.92- 05.95	112230	14 80		07.92- 10.97	111070	12 1.7	
		07.92- 06.95	112292	14 70		07.92- 10.97	114460	12 1.4	
		07.95- 10.97	111893	14 70					
	Chas. 6629-	07.92- 10.97	112688	14 95					
	Chas. 6629-	07.92- 10.97	112703	14 120					
	Chas. 6629-	07.92- 10.97	113485	14 80					
	ACPS	10.93- 10.97	114026	14 80					

STARTERS & ALTERNATORS



Application list

CITROEN Continued

ZX 2.0 16V	[RFT (XU10J4/Z)]	07.92- 10.97	111318	14 80					
		07.92- 10.97	112298	14 80					
		07.92- 10.97	112299	14 95					
		07.92- 10.97	113604	14 95					
		07.92- 10.97	113755	14 150					
	[RFY (XU10J4/Z)]	07.92- 10.97	111318	14 80					
		07.92- 10.97	112298	14 80					
		07.92- 10.97	112299	14 95					
		07.92- 10.97	113604	14 95					
		07.92- 10.97	113755	14 150					
ZX 2.0 i 16V	[RFS (XU10J4RS)]	05.96-	111318	14 80					
		05.96- 06.97	113604	14 95					
		[RFT (XU10J4/Z)]	07.92- 10.97	111318	14 80	07.92- 10.94	111130	12 1.1	
			07.92- 06.97	113604	14 95				
			06.94-	112298	14 80				
	[RFY (XU10J4/Z)]	06.94-	112299	14 95					
		07.92- 10.94	112298	14 80	07.92- 10.94	113443	12 1.4		
		07.92- 10.94	112299	14 95					
		ZX 2.0 i	[RFX (XU10J2C)]	07.92- 06.96	112298	14 80	07.92- 10.97	113443	12 1.4
				07.92- 06.96	112299	14 95			
		07.92- 06.97	113604	14 95					
	Chas. 7175-	06.96- 10.97	111318	14 80					
	Chas. -7174	07.92- 06.96	112298	14 80					
	Chas. -7174	07.92- 06.96	112299	14 95					

Clark

FORK LIFTS

GCX40	[Perkins]				01.90- 01.97	111222	12 2.8
GCX50	[Perkins]				01.90- 01.97	111222	12 2.8
GPX35D	[Perkins]				01.90- 01.95	111222	12 2.8
GPX40D	[Perkins]				01.90- 01.95	111222	12 2.8
GPX50D	[Perkins]				01.90- 01.95	111222	12 2.8
Various Models 4.3	[GM Vortec]				01.68-	115743	12 1.4
					01.68-	115985	12 1.6
Various Models		01.75- 01.78	110173	28 75	01.68-	110468	12
		01.95- 01.00	113310	14 50	01.74- 01.83	111221	12 2.5
					01.71- 01.78	111000	24 6.5
						112255	12
					01.82-	111222	12 2.8
						110602	12 2.8
					01.75- 01.80	110347	24 7.5
					01.68-	111190	12
					01.89- 12.95	111383	12 2.8
						112489	12 2.7
					01.69- 01.93	110436	12
					01.75- 01.84	112243	24
					01.85- 01.94	113668	12 1.2
					01.02- 01.03	113679	12 1.6

Isuzu engine

Claas

AGRICULTURE

48 3.9	[4.236]	06.78-	112098	14 65				
56 4.1	[4.248]	12.83-	110641	14 33				
66 5.8	[6.354]	12.79- 10.85	111649	14 33				
76 6.1	[6.372]	06.78-	112098	14 65				
85	[OM352]				10.74- 05.76	110525	12 3.0	
86 5.7	[OM352]	06.78-	112098	14 65				
96 5.7	[OM352]	09.79- 10.85	112098	14 65				
96	[OM352]	06.78-	112098	14 65				
105	[OM360]	04.82-	112098	14 65				
106	[OM401]	05.80-	113611	14 90	05.80- 10.85	113268	12 1.6	
					05.80-	110539	12 3.6	
546 4.5	[4045TRT]					114903	12 4.2	
556 4.5	[4045TRT]					114903	12 4.2	
566 4.5	[4045TRT]					114903	12 4.2	
616 6.8	[6068DRT]					114903	12 4.2	
656 6.8	[6068DRT]					114903	12 4.2	
675	[OM360]	10.74-	113611	14 90				
680	[OM421]	10.74-	113611	14 90	10.74-	110539	12 3.6	
690 14.6	[OM422]				10.74- 10.89	110206	24 5.4	
810 6.8	[John Deere]		114787	14 100				
816			113986	14 120				
820 6.8	[John Deere]		114787	14 100				
826			113986	14 120				
836			113986	14 120				
840 6.8	[John Deere]		114787	14 100				
850 6.8	[John Deere]		114787	14 100				
850			113949	14 150				
685 SL	[OM421]	10.74-	113611	14 90	01.87-	110539	12 3.6	
Combines		01.99-	111978	14 120				
Various 4.5 410 420 430			115343	14 175				
Various 510 520 530 540			115343	14 175		115357	12 4.2	
			113986	14 120				
Various 610 620 630 640			115343	14 175		115357	12 4.2	
			113986	14 120				
Various Models			114834	14 150		116139	12 3.0 A49	
			114735	14 150		116086	12 2.7 A49	
			114513	14 95		116312	12 2.7 BO	
			114000	14 120		115326	12 5.0	
						08.78- 10.82	110536	12 2.7
						09.73- 05.76	110525	12 3.0
Various Models 926 936 946	[BF6L1013FL]				10.74- 10.76	110775	12 1.8	
		01.05-	115833	14 120				

Compair

INDUSTRI

Various Models					01.76-	110439	12 2.0
					01.74- 01.78	110523	24 4.8



Conveyancer							
FORK LIFTS							
Various Models					01.70- 01.83	110442	12 2.1
Crusader							
MARINE							
Various Models		01.00- 01.00	113691	14	70		
		01.00- 01.00	113692	14	70		
		01.00- 01.00	111250	14	42		
Cub Cadet							
AGRICULTURE							
5264 1.0		[D070]				115425	12 1.3
7000 Diesel		[Mitsubishi 3-69]	01.98- 01.03	112492	14	50	
7200 Diesel		[Mitsubishi 3-69]	01.98- 01.03	112492	14	50	
7205 Diesel		[Mitsubishi 3-69]	01.98- 01.03	112492	14	50	
7260 Diesel		[Mitsubishi 3-80]	01.98- 01.03	112492	14	50	
7265 Diesel		[Mitsubishi 3-80]	01.98- 01.03	112492	14	50	
7305 Diesel		[mitsubishi Equipped]		114079	14	40	
7360 Diesel		[Mitsubishi 4-107]	01.00- 01.03	112492	14	50	
7530 Diesel			01.04- 01.06	112492	14	50	
7532 Diesel			01.04- 01.06	112492	14	50	
Compact 1170		[Briggs & Stratton]				01.00- 01.01	113853 12 0.5
Compact 1600		[Briggs & Stratton]				01.99- 01.99	113853 12 0.5
Compact 1800		[Briggs & Stratton]				01.99- 01.99	113853 12 0.5
Compact 2130		[Kohler]				01.94- 01.95	112546 12 0.6
Compact 2135		[Kohler]				01.94- 01.95	112546 12 0.6
Compact 2185		[Kohler]				01.94- 01.01	112546 12 0.6
Garden 1340 1.3		[Kohler]				01.90- 01.91	112150 12
Garden 1863		[Kohler]				01.93- 01.97	112546 12 0.6
Garden 1864		[Kohler]				01.93- 01.97	112546 12 0.6
Garden 2072						01.87- 01.89	112831 12 0.6
Garden 2082						01.92- 01.00	112831 12 0.6
Garden 2084		[Kohler]				01.94- 01.95	112546 12 0.6
Lawn 1315 1.3		[Kohler]				01.89- 01.91	112150 12
Lawn 1320		[Kohler]				01.89- 01.91	112150 12
Lawn 1325		[Kohler]				01.92- 01.93	112150 12
Lawn 1330		[Kohler]				01.92- 01.93	112150 12
Lawn 1405		[Kohler]				01.90- 01.91	112150 12
Various Models							115687 12 0.6
Zero Turn		[Kawasaki]					114823 12 0.6
		[Kohler]					114075 12
INDUSTRI							
365		[Kohler]				01.00- 01.02	112546 12 0.6
3654		[Kohler]				01.00- 01.01	112546 12 0.6
3660		[Kohler]				01.00- 01.01	112546 12 0.6
RTZ 17		[Briggs & Stratton]				01.04- 01.04	113853 12 0.5
Z48		[Kohler]				01.97- 01.99	112546 12 0.6
Z54		[Kohler]				01.97- 01.99	112546 12 0.6
Z-Force 42		[Briggs & Stratton]				01.04- 01.04	113853 12 0.5
MISCELLANEOUS							
Big Country		[Honda]				01.02- 01.04	113732 12 1.0
Volunteer		[2TNV70]					114891 12 1.1
Cummins							
TRUCKS EU							
Various Models		[DT466]		114349	28	150	
INDUSTRI							
Engine						01.85-	112267 12 2.5
Sweeper							115968 12 2.0
Various Models							114282 24 4.5
							115352 12 2.5
MOTORS							
4B 3.3				114097	14	60	
Engine 10.0				112265	28	100	
			01.83- 01.91	110801	28	45	
			01.83- 12.92	112989	14	60	
Engine 14.0				112265	28	100	
						01.93	112089 12
			01.83- 01.93	110801	28	45	
			01.83- 12.92	112989	14	60	
Engine 5.9				112265	28	100	
			01.77- 01.91	112265	28	100	
			01.89-	112773	14	135	
				113999	14	150 IS	
Engine 8.3				112265	28	100	
			01.89- 01.98	112265	28	100	
			01.83- 01.85	110801	28	45	
						01.92- 01.98	112544 24 7.5
							114013 24
							113827 24 7.0
Engine				01.92	112265	28	100
						01.83-	112267 12 2.5
			01.91- 01.92	112160	28	75	
			01.91- 01.92	112993	14	130	
			01.91- 01.92	112994	14	100	
							114332 12 2.2
			01.80- 01.88	110801	28	45	
			01.80- 12.91	112989	14	60	
QSB 6.7L 6.7 Diesel		[QSB]					114325 12 4.6
QSC 8.3L 8.3 Diesel		[QSC]					114325 12 4.6
Various Models				112989	14	60	
						01.70-	111000 24 6.5
						01.85-	112267 12 2.5
			01.87-	111295	28	55	
			01.87-	114536	14	160	
						01.83- 01.85	112255 12
			01.80- 01.85	110801	28	45	
			01.87-	114347	28	150	
			01.87-	114349	28	150	
			01.87-	114351	14	200	
			01.87-	112560	28	140	
						01.87-	115564 12 3.0
						01.87-	114282 24 4.5
						01.03-	114326 24 7.5
						01.87-	114330 24 8.3
						01.87-	114332 12 2.2
							114339 24 4.5
						01.87-	112544 24 7.5

STARTERS & ALTERNATORS



Application list

Dacia							
PASSENGER CARS EU							
1310 1.3	[810-02...]					05.83-	110367 12 1.0
Dokker 1.2 TCe	[H5F402]	11.12-	116174	14 90			
		11.12-	116182	14 120			
Dokker 1.5 dCi	[K9K612]	11.12-	116178	14 150		11.12-	113897 12 1.4
		11.12-	116363*	14 120			
Dokker 1.6 16V	[K7M812]	11.12-	116174	14 90		11.12-	113932 12 0.85
		11.12-	116174	14 90		11.12-	113932 12 0.85
Dokker 1.6 LPG	[K7M812]	11.13-	116174	14 90		11.13-	113932 12 0.85
		11.13-	116174	14 90		11.13-	113932 12 0.85
Dokker Express 1.2 TCe 115	[H5F402]	12.12-	116174	14 90			
		12.12-	116182	14 120			
		07.15-	116240*	12 125		07.15-	116262* 12 0.8
		07.15-	115356	14 150			
Dokker Express 1.5 dCi	[K9K612]	12.12-	116178	14 150		12.12-	113897 12 1.4
		12.12-	116363*	14 120			
Dokker Express 1.6 16V	[K7M812]	12.12-	116174	14 90		12.12-	113932 12 0.85
		12.12-	116174	14 90		12.12-	113932 12 0.85
Dokker Pickup 1.6		07.18-	116174	14 90			
Duster 1.2 TCe 125		10.17-	116240*	12 125			
		10.17-	115921	14 120		10.17-	116262* 12 0.8
		10.17-	115356	14 150			
Duster 1.2 TCe 125 4x4		10.17-	116240*	12 125			
Duster 1.2 TCe 4x4	[H5F404]	10.17-	116182	14 120		10.17-	116262* 12 0.8
		06.15-	115356	14 150		06.15-	116262* 12 0.8
		06.15-	115921	14 120			
		06.15-	116182	14 120			
Duster 1.5 DCi	[K9K796]	04.10-	113862	14 125 A49		04.10-	113897 12 1.4
		04.10-	113940	14 110 A49, A47			
		04.10-	116325*	14 125			
	[K9K856]	08.13-	116178	14 150		04.13-	113897 12 1.4
		04.11-	113862	14 125 A49		04.11-	113897 12 1.4
	[K9K884]	04.11-	113940	14 110 A49, A47			
		04.11-	116325*	14 125			
	[K9K892]	10.10-	113862	14 125 A49		10.10-	113897 12 1.4
		10.10-	113940	14 110 A47, A49			
		10.10-	116048	14 110			
		10.10-	116178	14 150			
10.10-		116325*	14 125				
[K9K896]	06.10-	113862	14 125 A49		06.10-	113897 12 1.4	
Duster 1.5 DCi 110		06.10-	116325*	14 125			
		10.17-	116355*	14 150			
		10.17-	116323*	14 150		10.17-	113897 12 1.4
		10.17-	115651	14 210			
Duster 1.5 DCi 110 4x4		10.17-	114463	14 120			
		10.17-	116355*	14 150			
		10.17-	116323*	14 150		10.17-	113897 12 1.4
		10.17-	115651	14 210			
Duster 1.5 dCi 4x4	[K9K858]	08.13-	116178	14 150		04.13-	113897 12 1.4
		04.11-	113862	14 125 A49		04.11-	113897 12 1.4
		04.11-	113940	14 110 A49, A47			
	[K9K884]	04.11-	116325*	14 125			
		04.11-	113862	14 125 A49		04.11-	113897 12 1.4
	[K9K892]	04.11-	113940	14 110 A49, A47			
		04.11-	116325*	14 125			
	[K9K894]	10.10-	113862	14 125 A49		10.10-	113897 12 1.4
		10.10-	113940	14 110 A47, A49			
		10.10-	116048	14 110			
	[K9K898]	10.10-	116325*	14 125			
06.10-		113862	14 125 A49		06.10-	113897 12 1.4	
	06.10-	116325*	14 125				
Duster 1.5 DCi 90		10.17-	115651	14 210		10.17-	113897 12 1.4
Duster 1.6 115 4x4						10.17-	115361 12 1.0
Duster 1.6 Sce 115						10.17-	115361 12 1.0
Duster 1.6 16V	[K4M690]	04.10-	113940	14 110 A49, A47		04.10-	113932 12 0.85
		04.10-	115766	14 110			
		04.10-	116174	14 90			
	[K4M696]	04.10-	113940	14 110 A47, A49		04.10-	113932 12 0.85
		04.10-	115766	14 110			
		04.10-	116174	14 90			
Duster 1.6 16V 4x4	[K4M606]	06.10-	113940	14 110 A47, A49		06.10-	113932 12 0.85
		06.10-	114879	14 90			
		06.10-	115716	14 150			
		06.10-	115766	14 110			
		06.10-	116048	14 110			
Duster 1.6 16V Hi-Flex	[K4M696]	04.11-	113940	14 110 A47, A49		04.11-	113932 12 0.85
		04.11-	114879	14 90			
		04.11-	115766	14 110			
		04.11-	116048	14 110			
Duster 1.6 16V Flex	[K4M696]	04.11-	113940	14 110 A47, A49		04.11-	113932 12 0.85
		04.11-	114879	14 90			
		04.11-	115766	14 110			
		04.11-	116048	14 110			
Duster 1.6 16V LPG	[K4M696]	04.11-	113940	14 110 A47, A49		04.11-	113932 12 0.85
		04.11-	114879	14 90			
		04.11-	115716	14 150			
		04.11-	115766	14 110			
		04.11-	116048	14 110			
Lodgy 1.2 TCe	[H5F402]	03.12-	116095*	14 90		03.12-	116262* 12 0.8
		03.12-	116174	14 90			
		03.12-	116182	14 120			
Lodgy 1.5 dCi	[K9K846]	06.10-	115651	14 210		06.10-	113897 12 1.4
		06.15-	115651	14 210		06.15-	113897 12 1.4
Lodgy 1.6	[K7MA8]	03.12-	116174	14 90		03.12-	113932 12 0.85



Lodgy 1.6 Sce 115	[H4M740]					06.15-	115361	12 1.0
Lodgy 1.6 LPG	[K7M812]	11.13-	116174	14 90		11.13-	113932	12 0.85
	[K7M828]	11.13-	116174	14 90		11.13-	113932	12 0.85
						04.15-	115361	12 1.0
Logan 0.9	[H4B410]	09.15-	116095*	14 90				
		09.15-	116240*	12 125				
Logan 0.9 TCe	[H4B400]	10.12-	116095*	14 90				
		10.12-	116174	14 90				
		10.12-	116182	14 120				
Logan 1.1	[D4F732]	05.15-	115549	14 95		05.15-	114095	12 0.85
Logan 1.1 16V	[D4F732]	02.06-	115549	14 95		02.06-	114095	12 0.85
Logan 1.1 16V	[D4F734]	02.06-	115549	14 95		02.06-	114095	12 0.85
Logan 1.2	[D4F732]	10.12-	115549	14 95 VA		10.12-	114095	12 0.85
		10.12-	116299	14 90 BO				
		05.15-	116299	14 90 BO		05.15-	114095	12 0.85
		05.15-	115549	14 95 VA				
Logan 1.2 LPG	[D4F734]	10.12-	115549	14 95 VA		10.12-	114095	12 0.85
		10.12-	116299	14 90 BO				
Logan 1.4	[K7J710]	02.07-	112144	14 98		02.07-	113932	12 0.85
		02.07-	112199	14 75		02.07-	114180	12 0.8
		02.07-	115655	14 110				
Logan 1.4 Express	[K7J710]	03.09-	112144	14 98		03.09-	114180	12 0.8
		03.09-	112199	14 75				
		03.09-	115655	14 110				
Logan 1.4 i	[K7J710]	09.04-	115655	14 110		09.04-	113932	12 0.85
						09.04-	114180	12 0.8
		PS 07.04- ACPS 07.04-	112199	14 75				
			112144	14 98				
Logan 1.4 MPI	[K7J710]	02.06-	112144	14 98		02.06-	113932	12 0.85
		02.06-	115655	14 110		02.06-	114180	12 0.8
	[K7J714]	02.06-	112144	14 98		02.06-	113932	12 0.85
		02.06-	112199	14 75		02.06-	114180	12 0.8
		02.06-	115655	14 110				
Logan 1.5 dCi	[K9K612]					10.12-	113897	12 1.4
		[K9K790]	09.05-	113862	14 125 A49	09.05-	113927	12 1.4
			09.05-	114673	14 120			
			09.05-	116325*	14 125			
	[K9K792]	01.06-	113862	14 125 A49		01.06-	113927	12 1.4
		01.06-	114673	14 120		02.07-	113897	12 1.4
		01.06-	116325*	14 125				
	[K9K796]	09.07-	113862	14 125 A49		09.07-	113897	12 1.4
		09.07-	116325*	14 125				
	[K9K892]	05.10-	113862	14 125 A49		05.10-	113897	12 1.4
05.10-		113940	14 110 A47, A49					
05.10-		116048	14 110					
05.10-		116325*	14 125					
Logan 1.5 DCi Express	[K9K792]	03.09-	113862	14 125 A49		03.09-	113897	12 1.4
		03.09-	114673	14 120				
		03.09-	116325*	14 125				
[K9K796]	03.09-	113862	14 125 A49		03.09-	113897	12 1.4	
	03.09-	116325*	14 125					
Logan 1.5 DCi MCV	[K9K796]	09.07-	113862	14 125 A49		09.07-	113897	12 1.4
		09.07-	116325*	14 125				
Logan 1.6	[K7M710]	02.07-	112144	14 98		02.07-	113932	12 0.85
		02.07-	112199	14 75		02.07-	114180	12 0.8
		02.07-	115655	14 110				
Logan 1.6 Express	[K7M710]	03.09-	112144	14 98		03.09-	114180	12 0.8
		03.09-	115655	14 110				
Logan 1.6 16V	[K4M690]	02.06-	112144	14 98		02.06-	115442	12 0.8
		02.06-	115766	14 110				
	[K4M696]	02.06-	112144	14 98		02.06-	115442	12 0.8
		02.06-	115766	14 110				
Logan 1.6 16V MCV	[K4M690]	02.07-	115766	14 110		02.07-	113932	12 0.85
	[K4M696]	02.07-	115766	14 110		02.07-	113932	12 0.85
Logan 1.6 i	[K7M710]	09.04-	115655	14 110		09.04-	114180	12 0.8
		PS 07.04- ACPS 07.04-	112199	14 75		09.04-	113932	12 0.85
			112144	14 98				
Logan 1.6 MPI 85	[K7M800]	05.10-	114879	14 90		05.10-	113932	12 0.85
		05.10-	115716	14 150				
Logan 1.6 LPG	[K7M710]	11.08-	112144	14 98		11.08-	113932	12 0.85
		11.08-	112199	14 75		11.08-	114180	12 0.8
		11.08-	115655	14 110				
Logan 1.6 16V Flex	[K4M696]	01.11-	113940	14 110 A47, A49		01.11-	113932	12 0.85
		01.11-	114879	14 90				
		01.11-	115766	14 110				
		01.11-	116048	14 110				
Logan 1.6 16V Flexfuel	[K4M690]	11.09-	113940	14 110 A47, A49		11.09-	113932	12 0.85
		11.09-	115766	14 110				
		11.09-	116048	14 110				
	[K4M694]	11.09-	113940	14 110 A47, A49		11.09-	113932	12 0.85
		11.09-	115766	14 110				
		11.09-	116048	14 110				
Logan 1.6 BiFuel Express BiFuel	[K7M800]	05.10-	114879	14 90		05.10-	113932	12 0.85
		05.10-	115716	14 150				
Logan 1.6 Flexfuel	[K7M718]	05.10-	114879	14 90		05.10-	113932	12 0.85
		05.10-	115716	14 150				
	[K7M800]	05.10-	114879	14 90				
		05.10-	115716	14 150				
Logan MCV 0.9 TCe 90	[H4B400]	02.13-	116095*	14 90				
		02.13-	116182	14 120				
Logan MCV 0.9 TCe 90		09.15-	116174	14 90				
		09.15-	116095*	14 90				
Logan MCV 1.1	[D4F732]	02.13-	115549	14 95		02.13-	114095	12 0.85
Logan MCV 1.1 LPG	[D4F734]	02.13-	115549	14 95		02.13-	114095	12 0.85
Logan MCV 1.5 dCi	[K9K612]					02.13-	113897	12 1.4

STARTERS & ALTERNATORS



DACIA Continued

Logan MCV 1.6	[K7M718]	05.10-	114879	14 90	05.10-	113932	12 0.85
		05.10-	115716	14 150			
		05.10-	116217*	12 110			
Sandero 0.9 TCe 90	[K7M812] [H4B400]	06.13-	116174	14 90	06.13-	113932	12 0.85
		10.12-	116182	14 120			
		01.13-	116095*	14 90			
Sandero 0.9 TCe 90		09.15-	116174	14 90			
		09.15-	116095*	14 90			
Sandero 1.1	[D4F732]	01.13-	115549	14 95	01.13-	114095	12 0.85
Sandero 1.1 LPG	[D4F732]	01.13-	115549	14 95	01.13-	114095	12 0.85
Sandero 1.2 16V	[D4F732]	11.08-	115549	14 95	11.08-	114095	12 0.85
Sandero 1.2 Flexfuel	[D4F732]	11.08-	115549	14 95	11.08-	114095	12 0.85
Sandero 1.4	[K7J710]	06.08-	112144	14 98	06.08-	113932	12 0.85
		06.08-	112199	14 75			
		06.08-	115655	14 110			
		06.08-	114180	12 0.8			
Sandero 1.4 MPI LPG	[K7J714]	01.09-	112144	14 98	01.09-	113932	12 0.85
		01.09-	112199	14 75			
		01.09-	114879	14 90			
		01.09-	115655	14 110			
Sandero 1.5 dCi	[K9K612] [K9K790]	11.08-	113862	14 125 A49	11.08-	113897	12 1.4
		11.08-	113940	14 110			
		11.08-	114673	14 120	11.08-	113927	12 1.4
		11.08-	116048	14 110			
		11.08-	116325*	14 125			
		11.08-	116325*	14 125			
	[K9K792]	11.08-	113862	14 125 A49	11.08-	113897	12 1.4
		11.08-	113940	14 110 A49, A47			
		11.08-	114673	14 120			
		11.08-	116325*	14 125			
[K9K796]	11.08-	113862	14 125 A49	11.08-	113897	12 1.4	
	11.08-	113940	14 110 A49, A47				
	11.08-	114673	14 120				
	11.08-	116325*	14 125				
[K9K892]	05.10-	113862	14 125 A49	05.10-	113897	12 1.4	
	05.10-	113940	14 110 A47, A49				
	05.10-	116048	14 110				
	05.10-	116325*	14 125				
Sandero 1.6	[K7M710]	06.08-	112199	14 75	06.08-	114180	12 0.8
		06.08-	115655	14 110			
Sandero 1.6 16V	[K7M812] [K4M690]	11.12-	116174	14 90	11.12-	113932	12 0.85
		07.11-	113940	14 110 A47, A49			
		07.11-	114879	14 90			
		07.11-	115766	14 110			
Sandero 1.6 MPI 85	[K7M800]	05.10-	114879	14 90	05.10-	113932	12 0.85
		05.10-	115716	14 150			
Sandero 1.6 Flexfuel	[K4M690]	01.11-	113940	14 110 A47, A49	01.11-	113932	12 0.85
		01.11-	114879	14 90			
		01.11-	115716	14 150			
		01.11-	115766	14 110			
	[K4M694]	01.11-	113940	14 110 A47, A49	01.11-	113932	12 0.85
		01.11-	114879	14 90			
		01.11-	115716	14 150			
		01.11-	115766	14 110			
	[K4M696]	01.11-	113940	14 110 A47, A49	01.11-	113932	12 0.85
		01.11-	114879	14 90			
01.11-		115716	14 150				
01.11-		115766	14 110				
Sandero 1.6	[K7M818]	05.10- 12.12	114879	14 90	05.10- 12.12	113932	12 0.85
Shifter 1.9 Diesel		02.00- 05.08	111718	14 75	02.00- 05.08	113930	12 1.4
Daedong Kioti							
AGRICULTURE							
DK35 Series	[Kubota]		114219	14 50			
DK40 Series	[Kubota]		114219	14 50			
DK65 Series	[Kubota]		114219	14 50			
DK65S Series	[Kubota]		114219	14 50			
Daewoo							
PASSENGER CARS EU							
Avia A						113269	12 3.0
Espero 1.5 16V	[A15MF]	02.92- 01.98	111846	14 80	02.95- 06.99 10.93- 09.94	111684 111123	12 1.4 12 0.9
Espero 1.8	[C18LE]	02.95- 01.97	111708	14 85			
Espero 2.0	[C20LE]	02.95- 01.97	111708	14 85			
Evanda 2.0	[L88]	08.02-	113498	14 80	08.02- 01.05	111848	12 1.0
	[X20SED]	08.02-	113498	14 80			
Kalos 1.2	[B12S1]	04.03-	115366	14 80	04.03- 01.05	113860	12 0.8
	[F12S3]	04.03- 01.05	115366	14 80			
Kalos 1.4	[F14S3]	09.02- 12.04	114350	14 85	09.02-	111123	12 0.9
Kalos 1.4 16V	[F14D3]	04.03-	114350	14 85	04.03-	111123	12 0.9
Korando 2.0 16V	[M161.950]	02.99-	112578	14 75			
Korando 2.3	[M161.970]	02.99-	112578	14 75	02.99-	111347	12 1.2
	[M161E23]	07.96- 12.00	112530	14 120			
	01.99- 02.01	112530	14 120				
Korando 2.9 Diesel	[OM662]	01.99-	112578	14 75	01.99-	111065	12 2.2
		02.99-	112529	14 90			
		02.99-	116129	14 90 A49			
Korando 2.9 TD	[OM60129TD]	01.99-	112578	14 75	07.96- 12.00	111065	12 2.2
Korando 3.2	[M104.995]	01.99-	112578	14 75			
Lacetti 1.4	[F14D3]	02.04-	114350	14 85	03.04- 01.05	111123	12 0.9
Lacetti 1.6	[F16D3]	02.04-	114350	14 85	02.04- 01.05	111123	12 0.9
		02.04-	114412	14 85			
Lacetti 1.8	[T18SED]				02.04- 01.05	111848	12 1.0
Lacetti Hatch 1.4	[F14D3]	06.02- 12.04	114412	14 85	06.02- 12.04	113276	12 1.1
Lanos 1.4	[A14SMS]	05.97-	113350	14 85	05.97-	111123	12 0.9



Lanos 1.5	[A15SMS]	05.97- AT 05.97-	113350 113350	14 85 14 85		05.97-	111123	12 0.9	
Lanos 1.6 16V	[A16DMS]	05.97-	113350	14 85		05.97- 04.97- 09.03	111684 111123	12 1.4 12 0.9	
Leganza 2.0	[T20SED]	01.01- 12.02	113498	14 80		01.01- 12.02	111848	12 1.0	
Leganza 2.0 16V	[T20SED]	07.00-	113498	14 80		07.00-	111848	12 1.0	
	[X20SED]	06.97- 12.02	113498	14 80		06.97-	111848	12 1.0	
Leganza 2.2 16V	[T22SED]	04.99- 12.02	113498	14 80		04.99- 12.02	111848	12 1.0	
Lublin 2.4 Diesel	[4CT90-1]	04.97-	116168	14 105					
Lublin 2.4 TD	[4CT90-1]	04.97- 02.02	116168	14 105					
Matiz 0.8	[F8CV]	09.98-	114114	14 65		09.98- 01.05	111849	12 0.8	
Matiz 1.0	[B10S]	01.03- 12.04	114114	14 65		04.03- 12.04 01.03- 12.04	111849 113860	12 0.8 12 0.8	
Musso 2.3	[M111.970]	01.99-	112578	14 75		01.99-	111347	12 1.2	
Musso 2.3 TD	[OM601]	09.99-	112578	14 75		09.99-	111065	12 2.2	
Musso 2.9 Diesel	[OM662]	01.99-	112578	14 75		01.99-	111065	12 2.2	
Musso 2.9 TD	[OM601291D]	01.99-	112578	14 75					
Musso 3.2	[M104.992]	01.99-	112578	14 75		01.99-	111347	12 1.2	
Nexia 1.5	[G15MF]	02.95- 01.98	111846	14 80		01.95- 11.01	111123	12 0.9	
Nexia 1.5 16V	[A15MF]	02.95-	111846	14 80		02.95- 08.97 02.95-	111684 111123	12 1.4 12 0.9	
Nubira 1.4	[F14D3]	10.03- 12.04	114350	14 85					
Nubira 1.6	[A16DMS]	05.97- 07.03	113349	14 85		05.97- 07.03	111684	12 1.4	
	[F16D3]	07.03- 07.03- 07.03-	113498 114350 114412	14 80 14 85 14 85		07.03-	111123	12 0.9	
Nubira 1.6 16V	[A16DMS]	05.97-	113349	14 85		02.97-	111123	12 0.9	
	[A16SMS]	06.97-	113498	14 80		06.97-	111123	12 0.9	
Nubira 1.8	[T18SED]	07.03- 07.03- 03.99-	114350 114412 113498	14 85 14 85 14 80		07.03-	111848	12 1.0	
		04.97- 05.99	113498	14 80		04.97- 05.99	111848	12 1.0	
Nubira 2.0	[X20SED]	06.99- 07.02	113498	14 80		06.99- 07.02	111848	12 1.0	
Nubira 2.0 16V	[T20SED]	12.00-	113498	14 80		12.00-	111123	12 0.9	
	[X20SED]	05.97-	113498	14 80		05.97-	111848	12 1.0	
Rexton 2.9 TD	[OM662.983]	04.02-	112578	14 75					
Rexton 3.2 V6	[M162.992]	04.02-	112578	14 75					
Rezzo/Tacuma 1.6	[A16DMS]	09.00-	113349	14 85		Chas. 732868- Chas. -732867	09.00- 01.05 09.00- 01.05	112431 111123	12 1.1 12 0.9
Rezzo/Tacuma 1.8	[A18DMS]					09.00- 01.05	111123	12 0.9	
	[F18D2]					09.00-	111123	12 0.9	
	[F18S2]					09.00- 01.05	111123	12 0.9	
Rezzo/Tacuma 2.0	[T20SED]	09.00-	113498	14 80		09.00- 01.05	111848	12 1.0	
	[X20SED]	09.01-	113498	14 80		09.01- 01.05	111848	12 1.0	
FORK LIFTS									
Various Models							112502	24 4.5	
							113456	24 6.0	
							110573	12 2.0	
							111709	12 2.2	
							112344	12 2.5	
INDUSTRI									
Various Models			115445	28 60					
DAF									
PASSENGER CARS EU									
66 Marathon 1.3 1300	[B13.0S]	09.73- 08.75	110899	14 33		09.73- 08.75	110367	12 1.0	
TRUCKS EU									
45.120 5.9	[CD85]					05.91- 12.00	111399	24 4.0	
45.130 5.9	[CN96]	05.91- 12.00	111569	28 30		05.91-	111399	24 4.0	
	[CS97M]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0	
	[CT97]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0	
45.150 5.9	[CB108]					05.91- 12.00	111399	24 4.0	
	[CS107M]					05.91- 12.00	111399	24 4.0	
	[CT108]					05.91- 12.00	111399	24 4.0	
45.160 5.9	[CS119]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0	
	[CT119]	05.91- 12.00	111569	28 30		05.91- 12.00	111399	24 4.0	
45.180 5.9	[CS133M]					05.95- 12.00	111399	24 4.0	
45.210 5.9	[CS158M]					05.95- 12.00	111399	24 4.0	
65.180 6.2	[NS133L]	03.93- 02.98	110895	28 55		03.93- 02.98	111637	24 4.0	
		03.93- 02.98	112159	28 80					
	[NS133M]	03.93- 02.98	110895	28 55					
65.210 6.2	[NS156L]	03.93- 02.98	110895	28 55		03.93- 02.98	111637	24 4.0	
		03.93- 02.98	112159	28 80					
	[NS156M]	03.93- 02.98	110895	28 55					
75.240 8.7	[RS180]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
	[RS180L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
	[RS180M]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
75.270 8.7	[RS200]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
	[RS200L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
	[RS200M]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
75.300 8.7	[RS222]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
	[RS222L]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
	[RS222M]	07.92- 02.98	110895	28 55		07.92- 02.98	112055	24 5.2 A49	
		07.92- 02.98	112159	28 80		07.92- 02.98	116346*	24 4.0	
85.330 11.6	[WS242]	07.92- 02.98	110895	28 55					
		07.92- 02.98	112159	28 80					
	[WS242L]	07.92- 02.98	110895	28 55					
		07.92- 02.98	112159	28 80					
	[WS242M]	07.92- 02.98	110895	28 55					
		07.92- 02.98	112159	28 80					



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	[WS268]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
85.360 11.6	[WS268L]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
	[WS268M]	07.92-02.98	110895	28 55			
		07.92-02.98	112159	28 80			
85.360 12.9	[MX265]	10.06-05.13	114089	28 80	10.06-05.13	114073	24 5.5
		10.06-05.13	114314	28 110	10.06-05.13	115511	24 5.5 A49
85.400 11.6	[WS295M]	10.06-05.13	115495	28 80 A49			
		03.95-02.98	110895	28 55			
		03.95-02.98	112159	28 80			
85.410 12.9	[MX300]	10.05-05.13	114089	28 80	10.05-05.13	114073	24 5.5
		10.05-05.13	114314	28 110	10.05-05.13	115511	24 5.5 A49
85.460 12.9	[MX340]	10.05-05.13	115495	28 80 A49			
		10.05-05.13	114089	28 80	10.05-05.13	114073	24 5.5
		10.05-05.13	114314	28 110	10.05-05.13	115511	24 5.5
85.510 12.9	[MX375]	10.05-05.13	114089	28 80	10.05-05.13	115511	24 5.5 A49
		10.05-05.13	114314	28 110	10.05-05.13	114073	24 5.5
95.310 11.6	[WS225]	10.05-05.13	115495	28 80 A49			
		09.87-	111146	28 55	09.87-	110981	24 5.4
		09.87-	112159	28 80			
95.330 11.6	[WS242]	08.90-	111146	28 55	08.90-01.93	110981	24 5.4
		08.90-	112159	28 80			
95.350 11.6	[WS259]	09.87-	111146	28 55	09.87-09.90	110981	24 5.4
		04.88-	112159	28 80			
95.360 11.6	[WS268]	08.90-01.98	110895	28 55	08.90-01.98	110981	24 5.4
		08.90-04.97	111146	28 55			
		08.90-04.97	112159	28 80			
	[WS268G]	08.90-04.97	111146	28 55	08.90-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS268L]	08.90-04.97	111146	28 55	09.87-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS268M]	08.90-04.97	111146	28 55	03.93-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
95.380 11.6	[WS282]	09.87-09.90	110116	28 35	09.87-09.90	110981	24 5.4
		09.87-	111146	28 55			
		08.90-	112159	28 80			
95.400 11.6	[WS295]	08.90-01.98	110895	28 55	08.90-01.98	110981	24 5.4
		08.90-04.97	111146	28 55			
		08.90-04.97	112159	28 80			
	[WS295G]	08.90-04.97	111146	28 55	08.90-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS295L]	08.90-04.97	111146	28 55	08.90-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
	[WS295M]	08.90-04.97	111146	28 55	03.93-04.97	110981	24 5.4
		08.90-04.97	112159	28 80			
95.430 11.6	[WS315]	02.92-01.98	110895	28 55	02.92-01.98	110981	24 5.4
		02.92-04.97	111146	28 55			
		02.92-04.97	112159	28 80			
	[WS315G]	02.92-	111146	28 55	02.92-	110981	24 5.4
		02.92-	112159	28 80			
	[WS315L]	02.92-04.97	111146	28 55	02.92-04.97	110981	24 5.4
		02.92-04.97	112159	28 80			
	[WS315M]	02.92-04.97	111146	28 55	02.92-04.97	110981	24 5.4
		02.92-04.97	112159	28 80			
65 CF 240 6.2	[NS177M]	02.98-12.00	110895	28 55	02.98-12.00	111637	24 4.0
		02.98-12.00	112159	28 80			
65 CF 180 6.2	[NS133M]				02.98-12.00	111637	24 4.0
65 CF 210 6.2	[NS156M]				02.98-12.00	111637	24 4.0
65 CF 240 6.2	[NS177M]	02.98-12.00	110895	28 55	02.98-12.00	111637	24 4.0
75 CF 250 9.2	[PF183M]	01.98-12.00	110895	28 55	01.98-12.00	112055	24 5.2 A49
		01.98-12.00	113284	28 80	02.98-12.00	112581	24 6.2
		01.98-12.00	115491	28 80 A49	02.98-12.00	116346*	24 4.0
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
	[PF212M]	01.98-12.00	110895	28 55	02.98-12.00	116346*	24 4.0
					01.98-12.00	112055	24 5.2 A49
75 CF 290 9.2	[PF212M]	01.98-12.00	110895	28 55	02.98-12.00	116346*	24 4.0
					01.98-12.00	112055	24 5.2 A49
75 CF 320 9.2	[PF235M]	01.98-12.00	110895	28 55	02.98-12.00	116346*	24 4.0
					01.98-12.00	112055	24 5.2 A49
85 CF 340 12.6	[XF250M]	01.98-04.01	110895	28 55	02.98-12.00	112581	24 6.2
		01.98-04.01	113284	28 80			
		01.98-04.01	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
85 CF 380 12.6	[XF280M]	01.98-12.00	110895	28 55	02.98-12.00	112581	24 6.2
		01.98-12.00	113284	28 80			
		01.98-12.00	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
85 CF 430 12.6	[XF315M]	01.98-12.00	110895	28 55	02.98-12.00	112581	24 6.2
		01.98-12.00	113284	28 80			
		01.98-12.00	115491	28 80 A49			
		02.98-12.00	115617	28 100 A49			
		02.98-12.00	115618	28 100			
95 XF 430 12.6	[XE315C]	01.97-09.02	110895	28 55	01.97-09.02	112581	24 6.2
		01.97-09.02	112159	28 80			
	[XF315M]	01.97-09.02	110895	28 55			
		01.97-09.02	112159	28 80			
95 XF 480 12.6	[XE355C]	01.97-09.02	110895	28 55	01.97-09.02	112581	24 6.2
		01.97-09.02	112159	28 80			
	[XF355M]	01.97-09.02	110895	28 55	01.97-09.02	112581	24 6.2
		01.97-09.02	112159	28 80			
95 XF 530 12.6	[XE390C]	01.97-09.02	110895	28 55	01.97-09.02	112581	24 6.2
		01.97-09.02	112159	28 80			



95 XF.380 12.6	[XF280M]	01.97- 09.02	110895	28 55		01.97-	112581	24 6.2	
		01.97-	112159	28 80					
		01.97-	113284	28 80					
95 XF.430 12.6	[XF315M]	01.97-	110895	28 55		01.97-	112581	24 6.2	
		01.97-	112159	28 80					
		01.97-	113284	28 80					
95 XF.480 12.6	[XF355M]	01.97-	110895	28 55		01.97-	112581	24 6.2	
		01.97-	112159	28 80					
		01.97-	113284	28 80					
95 XF.530 12.6	[XE390C]	02.01- 09.02	110895	28 55		02.01- 09.02	113934	24 5.5	
95 XF.530 14.0	[VF390M]	01.97-	110895	28 55		01.97-	112581	24 6.2	
		01.97-	112159	28 80					
		01.97-	113284	28 80					
CF 290 10.8	[MX-11210]					05.13-	116378*	24 6.0	
CF 330 10.8	[MX-11240]					05.13-	116378*	24 6.0	
CF 370 10.8	[MX-11271]					05.13-	116378*	24 6.0	
CF 400 10.8	[MX-11291]					05.13-	116378*	24 6.0	
CF 65.180 5.9	[CE136C]	01.01-	114036	28 80		01.01-	113760	24 4.0	
		01.01-	116116	28 80 A49					
		01.01-	116117	28 100 A49					
		01.01-	116118	28 100					
CF 65.220 5.9	[CE162C]	01.01-	114036	28 80		01.01-	113760	24 4.0	
		01.01-	116116	28 80 A49					
		01.01-	116117	28 100 A49					
		01.01-	116118	28 100					
CF 65.220 6.7	[GR165S1]					04.07-	113760	24 4.0	
CF 65.250 5.9	[CE184C]	01.01-	114036	28 80		01.01-	113760	24 4.0	
		01.01-	116116	28 80 A49					
		01.01-	116117	28 100 A49					
		01.01-	116118	28 100					
CF 65.250 6.7	[GR184S1]					04.07-	113760	24 4.0	
CF 65.290 6.7	[GR210S1]					04.07-	113760	24 4.0	
CF 75.250 9.2	[PE183C]	01.01-	113284	28 80		01.01-	116346*	24 4.0	
		01.01-	115491	28 80 A49		01.01-	112055	24 5.2 A49	
		01.01-	115617	28 100 A49		01.01-	114069	24 4.0	
		01.01-	115618	28 100					
	[PE183S]	01.01-	115491	28 80 A49		01.01-	116346*	24 4.0	
		01.01-	115617	28 100 A49					
		01.01-	115618	28 100					
	[PR183S]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80 A49		01.01-	114069	24 4.0	
		01.01-	115617	28 100 A49		01.01-	116346*	24 4.0	
		01.01-	115618	28 100					
CF 75.310 9.2	[PE228C]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80 A49		01.01-	114069	24 4.0	
		01.01-	115617	28 100 A49		01.01-	116346*	24 4.0	
		01.01-	115618	28 100					
	[PE228S]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80 A49		01.01-	114069	24 4.0	
		01.01-	115617	28 100 A49		01.01-	116346*	24 4.0	
		01.01-	115618	28 100					
	[PR228S]	01.01-	113284	28 80		01.01-	114069	24 4.0	
		01.01-	115491	28 80 A49		01.01-	116346*	24 4.0	
		01.01-	115617	28 100 A49		01.01-	112055	24 5.2 A49	
		01.01-	115618	28 100					
	[PR265S]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80		01.01-	114069	24 4.0	
		01.01-	115617	28 100		01.01-	116346*	24 4.0	
		01.01-	115618	28 100					
CF 75.360 9.2	[PE265C]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80 A49		01.01-	116346*	24 4.0	
		01.01-	115617	28 100 A49					
		01.01-	115618	28 100					
	[PE265S]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80 A49		01.01-	116346*	24 4.0	
		01.01-	115617	28 100 A49		01.01-	116346*	24 4.0	
		01.01-	115618	28 100					
	[PR265S]	01.01-	113284	28 80		01.01-	112055	24 5.2 A49	
		01.01-	115491	28 80 A49		01.01-	116346*	24 4.0	
		01.01-	115617	28 100 A49		10.06-	114069	24 4.0	
		01.01-	115618	28 100					
CF 85.340 12.6	[XE250C]	01.01-	113284	28 80		01.97-	112581	24 6.2	
		01.01-	115491	28 80 A49		01.01-	113934	24 5.5	
		01.01-	115617	28 100 A49					
		01.01-	115618	28 100					
		01.97-	110895	28 55					
		01.97-	112159	28 80					
CF 85.360 12.6	[MX265]	10.06-	113284	28 80		04.07-	113934	24 5.5	
		10.06-	115617	28 100 A49					
		10.06-	115618	28 100					
		04.07-	115491	28 80 A49					
CF 85.360 12.9	[MX-13265]	10.06-	114089	28 80		10.06-	114073	24 5.5	
		10.06-	114314	28 110		10.06-	115511	24 5.5 A49	
		10.06-	115495	28 80 A49					
	[MX265]	10.06-	114089	28 80		10.06-	114073	24 5.5	
		10.06-	114314	28 110		10.06-	115511	24 5.5 A49	
		10.06-	115495	28 80 A49					
CF 85.380 12.6	[XE280C]	01.01-	113284	28 80		12.05-	115511	24 5.5 A49	
		01.01-	115491	28 80 A49		04.01-	112581	24 6.2	
		01.01-	115617	28 100 A49		12.05-	114073	24 5.5	
		01.01-	115618	28 100		01.01-	113934	24 5.5	
		04.01-	110895	28 55					
		04.01-	112159	28 80					
		12.05-	114089	28 80					
		12.05-	114314	28 110					
		12.05-	115495	28 80 A49					

STARTERS & ALTERNATORS



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CF 85.410 12.9	[MX-13303]	10.06-	114089	28 80	10.06-	114073	24 5.5
		10.06-	114314	28 110	10.06-	115511	24 5.5 A49
		10.06-	115495	28 80 A49			
	[MX300]	10.05-	114089	28 80	10.05-	114073	24 5.5
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49			
CF 85.430 12.6	[XE315C]	01.01-	113284	28 80	04.01-	112581	24 6.2
		01.01-	115491	28 80 A49	01.01-	113934	24 5.5
		01.01-	115617	28 100 A49			
		01.01-	115618	28 100			
		04.01-	110895	28 55			
CF 85.460 12.9	[MX-13340]	10.06-	114089	28 80	10.06-	114073	24 5.5
		10.06-	114314	28 110	10.06-	115511	24 5.5 A49
		10.06-	115495	28 80 A49			
	[MX340]	10.05-	114089	28 80	10.05-	114073	24 5.5
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49			
CF 85.480 12.6	[XE355C]	01.01-	113284	28 80	04.01-	112581	24 6.2
		01.01-	115491	28 80 A49	01.01-	113934	24 5.5
		01.01-	115617	28 100 A49			
		01.01-	115618	28 100			
		01.01-	110895	28 55			
CF 85.510 12.9	[MX-13375]	10.06-	114089	28 80	10.06-	114073	24 5.5
		10.06-	114314	28 110	10.06-	115511	24 5.5 A49
		10.06-	115495	28 80 A49			
	[MX375]	10.05-	114089	28 80	10.05-	114073	24 5.5
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49			
CF 85360 12.9	[MX265]	10.06-	114089	28 80	10.06-	114073	24 5.5
		10.06-	114314	28 110	10.06-	115511	24 5.5 A49
		10.06-	115495	28 80 A49			
CF 85410 12.9	[MX300]	10.05-	114089	28 80	10.05-	114073	24 5.5
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49			
CF 85460 12.9	[MX340]	10.06-	114089	28 80	10.06-	114073	24 5.5
		10.06-	114314	28 110	10.06-	115511	24 5.5 A49
		10.06-	115495	28 80 A49			
CF 85510 12.9	[MX375]	10.05-	114089	28 80	10.05-	114073	24 5.5
		10.05-	114314	28 110	10.05-	115511	24 5.5 A49
		10.05-	115495	28 80 A49			
F 1100 5.8	[DD575]				01.78- 12.81	111637	24 4.0
F 1100 6.2	[DNTD620]	12.86- 11.90	110116	28 35	12.86- 11.90	111637	24 4.0
		12.86- 11.90	111146	28 55			
F 1200 5.8	[DD575]	05.77- 12.81	110116	28 35	01.77- 12.81	111637	24 4.0
		05.77- 12.81	111146	28 55			
F 1300 6.2	[DF615]	07.78- 10.88	110116	28 35	07.78- 10.88	111637	24 4.0
		07.78- 10.88	111146	28 55			
	[DNTD620]	12.86- 12.92	110116	28 35	12.86- 12.92	111637	24 4.0
		12.86- 12.92	111146	28 55			
	[DT615]	07.78- 02.90	110116	28 35	07.78- 02.90	111637	24 4.0
	07.78- 02.90	111146	28 55				
F 1305 6.2	[DT615]	07.78- 02.90	110116	28 35	07.78- 02.90	111637	24 4.0
		07.78- 02.90	111146	28 55			
F 1400 5.8	[DD575]	05.77- 12.81	110116	28 35	11.73- 12.81	111637	24 4.0
		05.77- 12.81	111146	28 55			
F 1400 6.2	[DF615]				01.70- 11.81	112670	24 4.0
F 1500 6.2	[DF615]	07.78- 08.91	110116	28 35	07.78- 08.91	111637	24 4.0
		07.78- 08.91	111146	28 55			
	[DT615]	07.78- 08.91	110116	28 35	07.78- 08.91	111637	24 4.0
	07.78- 08.91	111146	28 55				
F 1600 6.2	[DF615]	05.77- 08.91	110116	28 35	11.73- 08.91	111637	24 4.0
		05.77- 08.91	111146	28 55			
	[DT615]	05.77- 08.91	110116	28 35	11.73- 08.91	111637	24 4.0
	05.77- 08.91	111146	28 55				
F 1700 6.2	[DNS620]	01.88- 02.95	110116	28 35	01.88- 02.95	111637	24 4.0
		01.88- 02.95	111146	28 55			
	[DNTD620]	12.86- 02.95	110116	28 35	12.86- 02.95	111637	24 4.0
		12.86- 02.95	111146	28 55			
[NT133]	12.86- 02.95	110116	28 35	12.86- 02.95	111637	24 4.0	
	12.86- 02.95	111146	28 55				
	12.86- 02.95	112159	28 80				
F 1800 6.2	[DT615]	05.77- 08.91	110116	28 35	11.73- 08.91	111637	24 4.0
		05.77- 08.91	111146	28 55			
F 1900 6.2	[DNS620]	12.86- 09.93	110116	28 35	12.86- 09.93	111637	24 4.0
		12.86- 09.93	111146	28 55			
		12.86- 09.93	112159	28 80			
F 2000 8.3	[DH825]	05.77- 12.79	110116	28 35			
F 2100 6.2	[DF615]	07.78- 09.86	110116	28 35	07.78- 09.86	111637	24 4.0
		07.78- 09.86	111146	28 55			
F 2100 8.3	[DH825]	07.78- 08.91	110116	28 35			
		07.78- 08.91	111146	28 55			
	[DHR825]	07.78- 08.91	110116	28 35			
	07.78- 08.91	111146	28 55				
F 2103 8.3	[DH825]	07.78- 08.91	110116	28 35			
		07.78- 08.91	111146	28 55			
	[DHT825]	07.81- 09.86	110116	28 35	07.81- 09.86	112055	24 5.2 A49
		07.81- 09.86	111146	28 55	07.81- 09.86	116346*	24 4.0
	[DHTD825]	07.78- 08.91	110116	28 35			
	07.78- 08.91	111146	28 55				
F 2105 6.2	[DF615]	07.78- 08.91	110116	28 35	07.78- 09.86	112055	24 5.2 A49
		07.78- 08.91	111146	28 55	07.78- 09.86	116346*	24 4.0
				07.78- 08.91	111637	24 4.0	
F 2105 8.3	[DH825]	07.78- 08.91	110116	28 35			
		07.78- 08.91	111146	28 55			
	[DHR825]	07.78- 09.86	110116	28 35			
		07.78- 09.86	111146	28 55			
	[DHT825]	07.81- 08.91	110116	28 35			
	07.81- 08.91	111146	28 55				



	[DHTD825]	07.78-08.91	110116	28 35					
		07.78-08.91	111146	28 55					
F 2200 8.3	[DU825]	05.77-11.80	110116	28 35					
F 2205 8.3	[DU825]	05.77-11.80	110116	28 35					
F 2300 8.3	[DHR825]	07.78-08.91	110116	28 35					
		07.78-08.91	111146	28 55					
	[DHT825]	11.81-08.91	110116	28 35					
		11.81-08.91	111146	28 55					
	[DHTD825]	06.86-08.91	110116	28 35					
		06.86-08.91	111146	28 55					
F 2305 8.3	[DHU825]	07.78-12.83	110116	28 35					
		07.78-12.83	111146	28 55					
	[DH825]	07.78-08.91	110116	28 35					
		07.78-08.91	111146	28 55					
	[DHR825]	07.78-08.91	110116	28 35					
		07.78-08.91	111146	28 55					
F 2500 8.3	[DHT825]	07.78-08.91	110116	28 35					
		07.78-08.91	111146	28 55					
	[DHS825]	02.82-08.91	110116	28 35		02.82-08.86	112055	24 5.2	A49
		02.82-08.91	111146	28 55		02.82-08.86	116346*	24 4.0	
	[DHS825]	02.82-09.86	110116	28 35					
		02.82-09.86	111146	28 55					
F 2503 8.3	[DHS825]	02.82-09.86	110116	28 35					
F 2505 8.3	[DHS825]	02.82-08.91	110116	28 35					
F 2525 8.3	[DHS825]	02.82-08.91	110116	28 35		01.82-09.86	112055	24 5.2	A49
		02.82-08.91	111146	28 55		02.82-09.86	116346*	24 4.0	
F 2535 8.3	[DHS825]	02.82-08.91	110116	28 35		02.82-09.86	112055	24 5.2	A49
		02.82-08.91	111146	28 55		02.82-09.86	116346*	24 4.0	
F 2600 11.6	[DKB1160]	02.72-12.73	110116	28 35		02.72-12.73	110209	24 5.4	
F 2700 8.3	[HS825]	01.90-10.93	110116	28 35					
		01.90-10.93	111146	28 55					
F 2800 11.6	[DKA1160]	05.77-11.80	110116	28 35		01.74-11.80	110209	24 5.4	
		05.77-11.80	111146	28 55					
	[DKS1160]	01.74-09.91	110116	28 35		01.74-09.86	110209	24 5.4	
		01.74-09.91	111146	28 55					
	[DKS1160E]	05.77-09.91	110116	28 35		01.80-09.91	110209	24 5.4	
		05.77-09.91	111146	28 55					
	[DKT1160]	05.77-11.80	110116	28 35		01.74-11.80	110209	24 5.4	
		05.77-11.80	111146	28 55					
	[DKTD1160]	01.74-09.91	110116	28 35		01.74-09.91	110209	24 5.4	
		01.74-09.91	111146	28 55					
	[DKV1160]	01.80-09.91	110116	28 35		01.80-09.91	110209	24 5.4	
		01.80-09.91	111146	28 55					
	[DKXE1160]	01.80-09.91	110116	28 35		01.80-09.91	110209	24 5.4	
		01.80-09.91	111146	28 55					
F 2803 11.6	[DKS1160]	05.77-09.91	110116	28 35		01.74-09.91	110209	24 5.4	
		05.77-09.91	111146	28 55					
	[DKS1160E]	01.80-07.90	110116	28 35		01.80-07.90	110209	24 5.4	
		01.80-07.90	111146	28 55					
	[DKTD1160]	01.74-09.91	110116	28 35		01.74-09.91	110209	24 5.4	
		01.74-09.91	111146	28 55					
F 2804 11.6	[DKV1160]					05.83-09.91	110209	24 5.4	
						06.85-09.91	110209	24 5.4	
	[DKXE1160]								
	[DKS1160E]	01.80-09.86	110116	28 35		01.80-07.90	110209	24 5.4	
		01.80-09.86	111146	28 55					
F 2805 11.6	[DKT1160]	01.80-09.86	110116	28 35		01.80-09.86	110209	24 5.4	
		01.80-09.86	111146	28 55					
	[DKV1160]					05.83-09.91	110209	24 5.4	
						06.85-09.91	110209	24 5.4	
	[DKXE1160]	05.77-09.91	110116	28 35		01.74-09.91	110209	24 5.4	
		05.77-09.91	111146	28 55					
F 2815 11.6	[DKS1160E]	05.83-09.91	110116	28 35		05.83-09.91	110209	24 5.4	
		05.83-09.91	111146	28 55					
	[DKTD1160]	01.74-09.91	110116	28 35		01.74-09.91	110209	24 5.4	
		01.74-09.91	111146	28 55					
	[DKV1160]	05.83-09.91	110116	28 35		05.83-09.91	110209	24 5.4	
		05.83-09.91	111146	28 55					
F 2815 11.6	[DKXE1160]	05.83-09.91	110116	28 35		06.85-09.91	110209	24 5.4	
		05.83-09.91	111146	28 55					
F 2825 11.6	[DKS1160]	05.77-12.81	110116	28 35		01.74-09.91	110209	24 5.4	
		05.77-12.81	111146	28 55					
	[DKTD1160]	01.74-09.91	110116	28 35		01.74-09.86	110932	24 5.4	
		01.74-09.91	111146	28 55		01.74-09.91	110209	24 5.4	
	[DKV1160]	05.83-09.91	110116	28 35		05.83-09.91	110209	24 5.4	
F 2900 11.6		05.83-09.91	111146	28 55					
		05.83-09.91	110116	28 35		05.83-09.91	110209	24 5.4	
		05.83-09.91	111146	28 55					
	[KV1160]	01.90-10.93	110116	28 35		01.90-10.93	110209	24 5.4	
		01.90-10.93	111146	28 55					
F 3300 11.6	[DKX1160]	06.81-09.86	110116	28 35		06.81-09.86	110209	24 5.4	
		06.81-09.86	111146	28 55					
	[DKX1160 ATI]	06.81-09.91	110116	28 35		06.85-09.91	110209	24 5.4	
F 3303 11.6		06.81-09.91	111146	28 55					
	[DKX1160]	06.81-09.86	110116	28 35		06.81-09.86	110209	24 5.4	
		06.81-09.86	111146	28 55					
F 3304 11.6	[DKX1160 ATI]	06.85-09.91	110116	28 35		06.85-09.91	110209	24 5.4	
		06.85-09.91	111146	28 55					
		06.85-09.91	110116	28 35		06.85-09.91	110209	24 5.4	
F 3305 11.6		06.85-09.91	111146	28 55					
	[DKX1160]	06.81-09.91	110116	28 35		06.81-09.91	110209	24 5.4	
		06.81-09.91	111146	28 55					
F 3305 11.6	[DKX1160 ATI]	06.85-09.91	110116	28 35		06.85-09.91	110209	24 5.4	
		06.85-09.91	111146	28 55					
		06.85-09.91	110116	28 35		06.85-09.91	110209	24 5.4	
		06.85-09.91	111146	28 55					

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

DAF Continued

F 3325 11.6	[DKX1160]	06.81- 09.91	110116	28 35		06.81- 09.91	110209	24 5.4
		06.81- 09.91	111146	28 55				
	[DKX1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3600 11.6	[DKZ1160 ATI]	06.81- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.81- 09.91	111146	28 55				
F 3603 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3604 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3605 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
	[DKZE1160]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
F 3625 11.6	[DKZ1160 ATI]	06.85- 09.91	110116	28 35		06.85- 09.91	110209	24 5.4
		06.85- 09.91	111146	28 55				
FA 45.210 4.5	[FR152]	01.09-	114036	28 80				
		01.09-	116116	28 80 A49				
		01.09-	116117	28 100 A49				
		01.09-	116118	28 100				
FA 55.210 4.5	[FR152]	01.09-	114036	28 80				
		01.09-	116116	28 80 A49				
		01.09-	116117	28 100 A49				
		01.09-	116118	28 100				
FA 55.300 6.7	[GR220]	01.09-	114036	28 80				
		01.09-	116116	28 80 A49				
		01.09-	116117	28 100 A49				
		01.09-	116118	28 100				
FA 65.300 6.7	[GR220]	01.09-	114036	28 80				
		01.09-	116116	28 80 A49				
		01.09-	116117	28 100 A49				
		01.09-	116118	28 100				
FA 85.360 12.9	[MX265]	10.06-	114314	28 110		10.06-	114073	24 5.5
						10.06-	115511	24 5.5 A49
FAC 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAC 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
		08.90- 01.98	110116	28 35				
FAC 95.350 11.6	[WS259]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAC 95.360 11.6	[WS268]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FAC 95.380 11.6	[WS282]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAC 95.400 11.6	[WS295]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FAC 95.430 11.6	[WS315]	02.92- 01.98	110895	28 55		02.92- 01.98	110981	24 5.4
		02.92- 01.98	111146	28 55				
		02.92- 01.98	112159	28 80				
FAD 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FAD 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FG 345 2.5 Diesel Leyland					01.72- 01.82	110464	12 2.1	
FG 350 2.5 Diesel Leyland					01.72- 01.82	110464	12 2.1	
FG 420 2.5 Diesel Leyland					01.72- 01.82	110464	12 2.1	
FTG 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FTG 95.330 11.6	[WS242]	08.90- 01.98	110895	28 55		08.90- 01.98	110981	24 5.4
		08.90- 01.98	111146	28 55				
		08.90- 01.98	112159	28 80				
FTP 95.430 12.6	[XE315C]	01.97- 09.02	110895	28 55		01.97- 09.02	112581	24 6.2
		01.97- 09.02	112159	28 80				
		01.97- 09.02	110895	28 55		01.97- 09.02	112581	24 6.2
	[XF315M]	01.97- 09.02	110895	28 55				
		01.97- 09.02	112159	28 80				
FTT 95.310 11.6	[WS225]	09.87- 01.98	110116	28 35		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
FTT 95.330 11.6	[WS242]	09.87- 01.98	110895	28 55		09.87- 01.98	110981	24 5.4
		09.87- 01.98	111146	28 55				
		09.87- 01.98	112159	28 80				
LF 45.140 4.5	[FR103S1]				05.06-	113760	24 4.0	
LF 45.150 3.9	[BE110C]	01.01-	114036	28 80		01.01-	113760	24 4.0
		01.01-	116116	28 80 A49				
		01.01-	116117	28 100 A49				
		01.01-	116118	28 100				
LF 45.160 4.5	[FR118S1]	05.06-	114036	28 80		05.06-	113760	24 4.0
		05.06-	116116	28 80 A49				
		05.06-	116117	28 100 A49				
		05.06-	116118	28 100				
LF 45.160 Hybrid 4.5	[FR118S1]	05.06-	114036	28 80				
		05.06-	116116	28 80 A49				
		05.06-	116117	28 100 A49				
		05.06-	116118	28 100				
LF 45.170 3.9	[BE123C]	01.01-	114036	28 80		01.01-	113760	24 4.0
		01.01-	116116	28 80 A49				
		01.01-	116117	28 100 A49				
		01.01-	116118	28 100				



LF 45.180 4.5	[FR136S1]	05.06-	114036	28 80	05.06-	113760	24 4.0
		05.06-	116116	28 80 A49			
		05.06-	116117	28 100 A49			
		05.06-	116118	28 100			
LF 45.180 5.9	[CE136C]	01.01-	114036	28 80	01.01-	113760	24 4.0
		01.01-	116116	28 80 A49			
		01.01-	116117	28 100 A49			
		01.01-	116118	28 100			
LF 45.210 4.5	[FR152]	01.09-	114036	28 80			
		01.09-	116116	28 80 A49			
		01.09-	116117	28 100 A49			
		01.09-	116118	28 100			
LF 45.220 5.9	[CE162C]	01.01-	114036	28 80	01.01-	113760	24 4.0
		01.01-	116116	28 80 A49			
		01.01-	116117	28 100 A49			
		01.01-	116118	28 100			
LF 45.220 6.7	[GR165S1]				05.06-	113760	24 4.0
LF 55.160 4.5	[FR118S1]	05.06-	110895	28 55	05.06-	112581	24 6.2
		05.06-	112159	28 80			
LF 55.170 3.9	[BE123C]				01.01-	113760	24 4.0
LF 55.180 4.5	[FR136S1]	05.06-	114036	28 80	05.06-	113760	24 4.0
		05.06-	116116	28 80 A49			
		05.06-	116117	28 100 A49			
		05.06-	116118	28 100			
LF 55.180 5.9	[CE136C]	01.01-	114036	28 80	01.01-	113760	24 4.0
		01.01-	116116	28 80 A49			
		01.01-	116117	28 100 A49			
		01.01-	116118	28 100			
LF 55.210 4.5	[FR152]	01.09-	114036	28 80			
		01.09-	116116	28 80 A49			
		01.09-	116117	28 100 A49			
		01.09-	116118	28 100			
LF 55.220 5.9	[CE162C]	01.01-	114036	28 80	01.01-	113760	24 4.0
		01.01-	116116	28 80 A49			
		01.01-	116117	28 100 A49			
		01.01-	116118	28 100			
LF 55.220 6.7	[GR165S1]	05.06-	114036	28 80	05.06-	113760	24 4.0
		05.06-	116116	28 80 A49			
		05.06-	116117	28 100 A49			
		05.06-	116118	28 100			
LF 55.250 5.9	[CE184C]	01.01-	114036	28 80	01.01-	113760	24 4.0
		01.01-	116116	28 80 A49			
		01.01-	116117	28 100 A49			
		01.01-	116118	28 100			
LF 55.250 6.7	[GR184S1]	05.06-	114036	28 80	05.06-	113760	24 4.0
		05.06-	116116	28 80 A49			
		05.06-	116117	28 100 A49			
		05.06-	116118	28 100			
LF 55.280 6.7	[GR210S1]	05.06-	114036	28 80	05.06-	113760	24 4.0
		05.06-	116116	28 80 A49			
		05.06-	116117	28 100 A49			
		05.06-	116118	28 100			
N 2826 11.6	[DKS1160]	01.81- 09.91	110116	28 35	01.81- 09.91	110209	24 5.4
		01.81- 09.91	111146	28 55			
N 3326 11.6	[DKX1160]	01.81- 09.91	110116	28 35	01.81- 09.91	110209	24 5.4
		01.81- 09.91	111146	28 55			
SB 201 DKDL 11.6	[DKDL1160]				01.74- 07.90	110932	24 5.4
Various Models		01.89-	112238	14 65		110981	24 5.4
						110932	24 5.4
					1.5L, 1.8L 4cyl.	110817	12 2.1
						110209	24 5.4
						116346*	24 4.0
						112670	24 4.0
						112581	24 6.2
						112055	24 5.2 A49
XF 105.410 12.9	[MX300]	10.05-	114089	28 80	10.05-	113934	24 5.5
		10.05-	114314	28 110			
		10.05-	115495	28 80 A49			
		10.05-	115495	28 80 A49			
XF 105.460 12.9	[MX340]	10.05-	114089	28 80	10.05-	113934	24 5.5
		10.05-	114314	28 110			
		10.05-	115495	28 80 A49			
		10.05-	115495	28 80 A49			
XF 105.510 12.9	[MX375]	10.05-	114089	28 80	10.05-	113934	24 5.5
		10.05-	114314	28 110			
		10.05-	115495	28 80 A49			
		10.05-	115495	28 80 A49			
XF 85.430 12.6	[XE315C]	01.97-	110895	28 55	01.97-	112581	24 6.2
		01.97-	112159	28 80			
XF 95.380 12.6	[XE280C]	12.05-	114089	28 80	12.05-	114073	24 5.5
		12.05-	114314	28 110			
		12.05-	115495	28 80 A49			
		01.97-	113284	28 80			
	[XF280M]	01.97-	115491	28 80 A49	12.05-	115511	24 5.5 A49
		01.97-	115617	28 100 A49			
		01.97-	115618	28 100			
		01.97-	113284	28 80			
XF 95.430 12.6	[XE315C]	01.97-	115491	28 80 A49	01.97-	112581	24 6.2
		12.05-	114089	28 80			
		12.05-	114314	28 110			
		12.05-	115495	28 80 A49			
	[XF315M]	01.97- 12.06	113284	28 80	01.97- 12.06	113934	24 5.5
		01.97- 12.06	115491	28 80 A49			
		01.97- 12.06	115617	28 100 A49			
		01.97- 12.06	115618	28 100			
[XF315M]	01.97-	113284	28 80	01.97-	112581	24 6.2	
	01.97-	115491	28 80 A49				
	01.97-	115617	28 100 A49				
	01.97-	115618	28 100				

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XF 95.480 12.6	[XE355C]	01.97-	113284	28 80	01.97-	112581	24 6.2	
		01.97-	115491	28 80 A49	01.97-	113934	24 5.5	
		01.97-	115617	28 100 A49				
		01.97-	115618	28 100				
	[XF355M]	01.97-	113284	28 80	01.97-	112581	24 6.2	
		01.97-	115491	28 80 A49	01.97-	113934	24 5.5	
		01.97-	115617	28 100 A49				
		01.97-	115618	28 100				
XF 95.530 12.6	[XE390C]	09.02- 12.06	113284	28 80	01.97- 09.02	112581	24 6.2	
		09.02- 12.06	115491	28 80 A49	01.97- 12.06	113934	24 5.5	
		09.02- 12.06	115617	28 100 A49				
		09.02- 12.06	115618	28 100				
		01.97- 09.02	110895	28 55				
		01.97- 09.02	112159	28 80				
XF 95.530 14.0	[VF390M]				01.97- 09.02	113934	24 5.5	
MARINE								
DD515			113477	28 55				
DD575			110052	28 40				
DF615			110052	28 40				
			113477	28 55				
DT615			113477	28 55				
Various Models			110173	28 75				
Daihatsu								
PASSENGER CARS EU								
1200 1.2	[3K]				11.74- 02.78	110421	12 0.8	
Charade 1.0	[CB20]	10.77- 02.83	110258	14 35				
		11.78- 09.83	110138	14 40				
		04.83- 03.87	110374	14 45				
		[CB22]	04.83- 03.87	110374	14 45			
		[CB23]	03.87- 11.90	110374	14 45			
		[CB90]	04.89- 10.90	110374	14 45			
Charade 1.0 GTi	[CB80T]	03.87- 12.92	110374	14 45				
Charade 1.0 Turbo	[CB60]	10.83- 03.87	110374	14 45				
	[CB61]	03.87- 10.90	110374	14 45				
Charade 1.05	[CB22]	02.81- 02.83	110138	14 40				
Charade 1.3	[HC]	09.96-	111610	14 45				
Charade 1.3 16V	[1NR-FE]	05.11-	114900	14 100	05.11-	115613	12 1.0	
		05.11-	114904	14 100				
		A25 05.11-	114682	14 100				
		A25 05.11-	114897	14 80 A49				
		[HCE]	01.93-	111610	14 45			
Charade 1.3 i	[HCE]	11.90- 12.92	111610	14 45				
Charade 1.3 i 4WD	[HCE]	11.90- 01.93	111610	14 45				
Charade 1.6 GTi	[HD-E]	04.94- 08.96	111610	14 45				
Charmant 1.3	[4K]	03.78- 07.81	110138	14 40				
Charmant 1.6	[2T]	03.78- 07.81	110138	14 40				
Cuore 0.6	[AD10]	05.76- 09.80	110137	14 30				
Cuore 0.8	[ED10]	09.85- 12.90	111048	14 40				
		09.85- 12.90	113921	14 40				
		09.86- 10.88	111048	14 40				
Cuore 0.8 4WD	[ED10]	09.86- 10.88	111048	14 40				
		09.86- 10.88	113921	14 40				
Cuore 0.85	[ED20]	01.95-	111048	14 40				
		01.95- 11.96	113921	14 40				
Cuore 1.0	[EJ-VE]	03.03-	113306	14 60				
Cuore 1.0 i	[EJDE]	10.98-	113306	14 60				
Feroza 1.6 16V	[HDC]	10.88-	111437	14 45				
Feroza 1.6 i 16V	[HD-E]	10.88-	111437	14 45				
Grand Move 1.5 16V	[HEEG]	11.96- 03.00	111610	14 45				
Hijet 0.8	[CD]	06.86- 01.92	111048	14 40	06.86-	111088	12 0.8	
		06.86- 01.92	113921	14 40				
Hijet 1.0	[CB]	06.86- 11.92	111048	14 40	06.86- 11.92	111088	12 0.8	
		06.86- 11.92	113921	14 40				
		12.92-	111048	14 40	12.92-	111088	12 0.8	
	[CB41]	12.92- 05.98	113921	14 40				
Hijet 1.0 i	[CB42]				07.94- 05.98	111088	12 0.8	
Hijet 1.3	[HCE]	06.98-	111437	14 45	06.98- 10.99	114851	12 0.8	
Hijet 1.3 4WD	[HCE]	10.01- 06.04	111437	14 45	10.01- 06.04	114851	12 0.8	
Hijet 1.3 i 16V	[HCE]				05.98-	114851	12 0.8	
Hijet Mk 2 Minibus 1.3	[HCE]	08.98-	111437	14 45	08.98-	114851	12 0.8	
Move 0.9	[ED20]	10.96-	110258	14 35				
Move 1.0 i	[EJDE]	10.98- 09.00	113306	14 60				
Rocky 2.0	[3Y]	02.87- 04.93	111428	14 60	02.87- 04.93	110397	12 1.0	
Rocky 2.8 Diesel	[DL]				12.87-	111525	12 2.2	
					12.87- 04.93	111525	12 2.2	
					05.93-	110397	12 1.0	
					09.91-	111525	12 2.2	
					09.91-	111525	12 2.2	
					05.93- 12.98	110397	12 1.0	
Rocky 2.8 TD	[DL51]				05.93- 12.98	111525	12 2.2	
		[DL52]						
	[DLT]							
	[DLT-C]							
Sirion 1.0 i	[EJDE]	04.98-	113306	14 60				
		09.00-	113306	14 60				
Sirion 1.0 i 4WD	[EJDE]	AT 04.98- 05.00	113306	14 60				
		05.00- 12.01	113306	14 60				
Sirion 1.3 Sport	[K3-VE2]	08.00- 01.05	115929	14 70				
Sirion 1.3 Sport 4WD	[K3-VE2]	08.00- 01.05	115929	14 70				
		01.98- 08.04	113306	14 60				
		09.76- 02.85	110137	14 30	09.76- 02.85	110154	12 0.8	
		09.76- 02.85	110138	14 40				
		09.76- 02.85	110258	14 35				
Terios 1.3	[K3-VE]	09.01- 10.05	115929	14 70				
Terios 1.3 4WD	[HCE]	10.97- 10.00	114708	14 50				
		10.97- 10.00	114708	14 50				
		10.00- 10.05	114708	14 50				
	[HC-EJ]	10.00- 10.05	115929	14 70				
	[K3-VE]	02.01-	115929	14 70				
YRV 1.3	[K3-VE]	02.01-	115929	14 70				
YRV 1.3 4WD	[K3-VE]	02.01-	115929	14 70				
YRV 1.3 Turbo	[K3-VET]	07.02-	115929	14 70				



AGRICULTURE											
Various Agriculture Vehicles	[Caterpillar]			114683	28	80					
INDUSTRI											
Various Industrial applications	[Caterpillar]			114683	28	80					
Dennis											
TRUCKS EU											
240 7.1	[D7E240]						05.03-05.03-	114323	24	5.0	
								115889	24	5.0 A49	
240 MS 7.1	[D7E240]						10.07-	114323	24	5.0	
								115889	24	5.0 A49	
240 RS 7.1	[D7E240]						10.07-	114323	24	5.0	
								115889	24	5.0 A49	
Detroit											
MOTORS											
Various Models								112652	24	4.5	
Deutz-Fahr											
AGRICULTURE											
60	[1000.3A]			112389	14	85					
75	[1000.4A]			112389	14	85					
85	[1000.4AT]			112389	14	85					
110	[1000.6A]			112389	14	85					
				115689	14	80					
130	[1000.6A]			112389	14	85					
				115689	14	80					
2003 3.8	[F4L 912]	02.79-	05.80	110641	14	33					
2004 3.8	[F4L912]	05.78-	12.88	110641	14	33					
100.4	[1000.4AT1]			112389	14	85					
100.6	[1000.4A]			112389	14	85					
110DT	[1000.6A]			115689	14	80					
60DT/2RM	[1000.3A]			112389	14	85					
70DT/2RM	[1000.4A]			112389	14	85					
80DT	[1000.4A]			112389	14	85					
90DT	[1000.4AT]			112389	14	85					
Agri 605							01.97-	116093	12	4.0	
							01.97-	112071	12	3.0	
D 2807 1.9 Diesel	[F2L912]	06.86-	08.88	110641	14	33					
		09.88-		110360	14	45		06.86-	114181	12	1.9
		09.88-		110881	14	55					
D 3607 1.9 Diesel	[F2L912]	06.86-	08.88	110641	14	33		06.86-	114191		
		09.88-		110360	14	45					
		09.88-		110881	14	55					
D 6807 3.8 Diesel	[F4L912]	06.86-	08.88	110641	14	33		06.86-	116139	12	3.0 A49
		09.88-		110360	14	45		06.86-	116086	12	2.7 A49
								06.86-	110536	12	2.7
								01.92-	112555	12	3.1
								06.86-	116312	12	2.7 BO
D 7007 3.8 Diesel	[F4L912]	06.86-	08.88	110641	14	33		06.86-	116139	12	3.0 A49
		09.88-		110360	14	45		06.86-	116086	12	2.7 A49
								06.86-	110536	12	2.7
								01.92-	112555	12	3.1
								06.86-	116312	12	2.7 BO
DE6 - Various Models		06.86-		110360	14	45					
DX 3.10 2.8 Diesel	[F3L912]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	
DX 3.30 2.8 Diesel	[F3L912]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	
DX 3.50 3.1 Diesel	[F3L913]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	
DX 3.60 3.8 Diesel	[F4L912]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	
DX 3.70 3.8 Diesel	[F4L912]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	
DX 3.80 4.1 Diesel	[F4L913]	06.86-		110360	14	45		06.86-	116139	12	3.0 A49
								06.86-	110536	12	2.7
								01.92-06.01	112555	12	3.1
								06.86-	116086	12	2.7 A49
								06.86-	116139	12	3.0 A49
								06.86-	116312	12	2.7 BO
DX 3.90 4.1 Diesel	[F4L913]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	
DX 4.10 3.8 Diesel	[F4L912]	06.86-		110360	14	45		06.86-	116139	12	3.0 A49
								06.86-	110536	12	2.7
								01.92-06.01	112555	12	3.1
								06.86-	116086	12	2.7 A49
								06.86-	116312	12	2.7 BO
DX 4.30 4.1 Diesel	[F4L913]						06.86-	110536	12	2.7	
							01.92-06.01	112555	12	3.1	
							06.86-	116086	12	2.7 A49	
							06.86-	116139	12	3.0 A49	
							06.86-	116312	12	2.7 BO	

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DX 4.31 4.1 Diesel	[F4L913]	01.91-	110360	14	45	01.91-	116139	12	3.0	A49
						01.91-	110536	12	2.7	
						01.92-	112555	12	3.1	
						01.91-	116086	12	2.7	A49
						01.91-	116312	12	2.7	BO
DX 4.50 4.1 Diesel	[BF4L913]					06.86-	110536	12	2.7	
						01.92- 06.01	112555	12	3.1	
						06.86-	116086	12	2.7	A49
						06.86-	116139	12	3.0	A49
						06.86-	116312	12	2.7	BO
DX 4.51 4.1 Diesel	[BF4L913]	01.90-	110360	14	45	01.92-	112555	12	3.1	
DX 4.70 4.1 Diesel	[BF4L913]					01.90- 06.94	113467	12	3.7	
						06.86-	110536	12	2.7	
						01.92-	112555	12	3.1	
						06.86-	116086	12	2.7	A49
						06.86-	116139	12	3.0	A49
DX 6.05 5.7 Diesel	[F6L912]	06.86-	110360	14	45	06.86-	116139	12	3.0	A49
DX 6.30 6.1 Diesel	[F6L913]					06.86-	110536	12	2.7	
						01.92- 06.01	112555	12	3.1	
						06.86-	116086	12	2.7	A49
						06.86-	116139	12	3.0	A49
						06.86-	116312	12	2.7	BO
DX 6.31 6.0 Diesel	[BF6L913]	01.90- 01.05	112046	14	95	01.90-	116139	12	3.0	A49
						01.90-	110536	12	2.7	
						01.92- 01.05	112555	12	3.1	
						01.90- 06.94	113467	12	3.7	
						01.90-	116086	12	2.7	A49
DX 6.50 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14	95	01.90-	116312	12	2.7	BO
						06.86-	116139	12	3.0	A49
						06.86-	110536	12	2.7	
						01.92- 06.01	112555	12	3.1	
						06.86-	113467	12	3.7	
DX 6.60 6.0 Diesel	[BF6L913]	10.88-	110360	14	45	06.86-	116086	12	2.7	A49
						06.86-	116312	12	2.7	BO
						10.88-	116139	12	3.0	A49
						10.88-	110536	12	2.7	
						01.92- 10.03	112555	12	3.1	
DX 7.10 6.1 Diesel	[BF6L913]	06.86- 06.01	112046	14	95	10.88-	116086	12	2.7	A49
						10.88-	116312	12	2.7	BO
						06.86-	116139	12	2.7	BO
						06.86-	110536	12	2.7	
						01.92- 06.01	112555	12	3.1	
DX3 - Various Models		07.76- 10.85	110641	14	33	06.86-	116086	12	2.7	A49
						06.86-	110360	14	45	
						06.86-	110360	14	45	
						06.86-	112736	14	65	
						09.88-	110360	14	45	
F100DT	[1000.4WT]		115689	14	80					
F70DT	[1000.3WT]		115689	14	80					
F75DT	[1000.4W]		115689	14	80					
F90DT	[1000.4WT]		115689	14	80					
Intrac 6.30 6.0 TD	[BF6L913]	01.88-	112046	14	95	01.88- 12.88	112736	14	65	
						01.89-	116086	12	2.7	A49
						01.89-	116139	12	3.0	A49
						01.89-	110536	12	2.7	
						01.92- 01.04	112555	12	3.1	
Intrac 6.60 6.0 TD	[BF6L913]	01.88- 01.93	112046	14	95	01.89-	116312	12	2.7	BO
						01.88-	112736	14	65	
						01.88- 01.93	112046	14	95	
						01.88-	112736	14	65	
						01.88- 01.93	112046	14	95	
M 1080 4.7 Diesel	[F5L912]	01.81- 08.88	110641	14	33	09.88-	110360	14	45	
						01.81-	116139	12	3.0	A49
						01.81-	116086	12	2.7	A49
						01.81-	110536	12	2.7	
						01.92- 01.96	112555	12	3.1	
M 1202 5.7 Diesel	[F6L912]	01.80- 08.88	110641	14	33	09.88-	110360	14	45	
						01.80-	116139	12	3.0	A49
						01.80-	116086	12	2.7	A49
						01.80-	110536	12	2.7	
						01.92- 01.95	112555	12	3.1	
M 2385 5.7 Diesel	[F6L912]	01.82- 01.97	112046	14	95	01.82- 07.93	112736	14	65	
						01.82-	116086	12	2.7	A49
						01.82-	116139	12	3.0	A49
						01.82-	110536	12	2.7	
						01.92- 01.97	112555	12	3.1	
M 3330 2.8	[F3L912]					01.82-	116312	12	2.7	BO
						01.82-	116312	12	2.7	BO
						01.92- 03.02	112555	12	3.1	
						03.87- 03.02	110536	12	2.7	
						03.87- 03.02	116086	12	2.7	A49
M 3360 3.8	[F4L912]					03.87- 03.02	116139	12	3.0	A49
						03.87- 03.02	116312	12	2.7	BO
						03.87- 03.02	112555	12	3.1	
						03.87- 03.02	110536	12	2.7	
						03.87- 03.02	116086	12	2.7	A49
M 980 3.8 Diesel	[F4L912]	01.81- 08.88	110641	14	33	01.81-	116139	12	3.0	A49
						01.81-	110536	12	2.7	
						01.92- 01.96	112555	12	3.1	
						01.81-	116086	12	2.7	A49
						01.81-	116312	12	2.7	BO



Various Models		114192	14	200		116139	12	3.0	A49
		09.88- 12.01	110881	14	55	116086	12	2.7	A49
		07.80- 10.84	110077	14	50	116312	12	2.7	BO
		02.79- 10.84	110641	14	33	110536	12	2.7	
		12.79-	112747	28	55	116132	24	4.0	A49
		01.73- 12.75	110766	28	27	115355	24	5.4	
			115971	14	55	116093	12	4.0	
			115849	28	55	115472	12	2.7	
			115309	28	35	114220	24	4.0	
						112555	12	3.1	
					01.92-				
					05.78- 10.85	113467	12	3.7	
		114110	28	80					
Dodge									
PASSENGER CARS EU									
Avenger 2.0	[ECN]	06.07-	115925	14	115				
Avenger 2.0 CRD	[ECD]					06.07-	114217	12	2.0
Avenger 2.4	[ED3]	06.07-	115925	14	115				
	[EDG]	06.07-	115925	14	115				
Caliber 1.8	[EBA]	06.06-	115925	14	115				
Caliber 2.0	[ECN]	06.06-	115925	14	115				
Caliber 2.0 CRD	[ECD]	06.06- 11.11	113884	14	150	06.06- 11.11	114217	12	2.0
	[ECE]					06.06-	114217	12	2.0
Caliber 2.4	[ED3]	10.06-	115925	14	115				
	[ED4]	12.07-	115925	14	115				
Caravan 2.4	[EDZ]	02.00-	115936	14	150				
Caravan 2.5 TD	[ENC]					01.95- 03.01	112454	12	2.2
Caravan 3.0	[EFA]	01.95-	113235	14	130				
Caravan 3.3	[EGA]	02.00- 01.06	113803	14	160	02.00-	115783	12	1.4
Caravan 3.3 4WD	[EGA]	02.00- 01.06	113803	14	160	02.00-	115783	12	1.4
Caravan 3.3 i	[EGP]	01.95- 12.98	113235	14	130	01.95- 03.01	111492	12	1.4
Caravan 3.8	[EGH]	01.01- 01.06	113803	14	160	02.00-	115783	12	1.4
Caravan 3.8 4WD	[EGH]	01.01- 01.06	113803	14	160	02.00-	115783	12	1.4
Caravan 3.8 i	[EGH]	01.95- 12.98	113235	14	130	01.95- 03.01	111492	12	1.4
Caravan 3.8 i 4WD	[EGH]	01.95- 12.98	113235	14	130	01.95- 03.01	111492	12	1.4
Caravan IV 2.8 CRD	[ENS]					01.09-	113977	12	2.2
Journey 2.0 CRD	[ECE]	06.08-	116038	14	180	06.08-	114217	12	2.0
Journey 2.4	[ED3]	01.09-	116037	14	160				
	[EDG]	01.12-	116037	14	160				
Journey 2.4 ECO+	[EDG]	03.09-	116037	14	160				
Neon 2.0 16V	[ECB]	08.99-	116020	14	100				
	[ECH]	08.99-	116020	14	100				
RAM 2500 5.9						01.07-	115566	12	3.0
RAM 3500 5.9						01.07-	115566	12	3.0
Stratus 2.4 16V	[EDZ]	12.95- 04.01	114511	14	120				
Stratus 2.5 V6	[EEB]					01.95- 12.99	112846	12	1.4
Doosan									
INDUSTRI									
Various Models			115690	28	45		115743	12	1.4
							116447*	24	4.5
							115721	12	4.2
							115969		
Dronningborg									
AGRICULTURE									
7000	[Perkins]		111289	14	70				
7800	[Valmet D620]	01.93	110968	14	70				
		01.93	111355	14	65				
8700 Jumbo	[Valmet]		110968	14	70				
			111355	14	65				
Various Models							114254	12	2.7
							110545	12	3.0
							110460	12	2.8
							110449	12	3.6
							116134	12	3.0
						110443	12	2.1	
Drogmüller									
TRUCKS EU									
Various Models			111833	28	140	w/ bushing in rear brackethole			
			116063	28	140	w/o bushing in rear brackethole			
DS									
PASSENGER CARS EU									
DS 3 1.2 THP THP 130	[HNY (EB2DTS)]					A25 09.15-	116281*	12	1.8
						09.15-	113960	12	0.9
DS 3 1.2 VTI	[HMZ (EB2F)]					07.15-	116092	12	1.0
DS 3 1.6 THP 208	[SGM (EP6FDTX)]	09.15-	114752*	14	80	09.15-	116281*	12	1.8
DS 3 1.6 BlueHDI 75	[BHW (DV6FE)]					07.15-	113254	12	1.4
						07.15-	114030	12	2.2
DS 4 Crossback 1.6 BlueHDI 100	[BHY (DV6FD)]					04.16-	113254	12	1.4
DS3 1.6 THP	[SGZ (EP6FDT)]	07.15-	114752*	14	80	A25 07.15-	116281*	12	1.8
						07.15-	113960	12	0.9
DS3 Convertible 1.6 THP	[SGZ (EP6FDT)]	07.15-	114752*	14	80	A25 07.15-	116281*	12	1.8
						07.15-	113960	12	0.9
DS5 1.6 THP THP 165	[SGZ (EP6FDT)]					07.15-	116281*	12	1.8
DS5 1.6 BlueHDI 115	[BHX (DV6C)]					06.15-	113933	12	1.5
DS5 1.6 BlueHDI 120	[BHZ (DV6FC)]					07.15-	113933	12	1.5
DS7 Crossback 1.5 BlueHDI 130						09.17-	113933	12	1.5
DS7 Crossback 2.0 BlueHDI 180						09.17-	114854	12	2.5
Eicher									
AGRICULTURE									
330 2.0 Diesel	[EDK 2-9]	10.77- 12.80	111649	14	33				
3026 5.9 Diesel	[EDL 6-1]	03.82- 03.97	111649	14	33				
		03.82-	112098	14	65				
3028 5.9 Diesel	[EDL 6-5]	09.83-	112098	14	65				
3030 5.9 Diesel	[EDL 6-6]	09.83-	112098	14	65				
3357 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33				
3358 3.0 Diesel	[EDL 3-8]	03.82- 12.87	111649	14	33				
3457 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33				
3458 3.0 Diesel	[EDL 3-9]	03.82- 12.87	111649	14	33				



Application list

EICHER *Continued*

3559 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14 33				
3560 3.9 Diesel	[EDL 4-4]	01.84- 01.99	111649	14 33				
3659 3.9 Diesel	[EDL 4-5]	01.84- 01.99	111649	14 33				
3660 3.9 Diesel	[EDL 4-6]	01.84- 01.99	111649	14 33				
3257 S 3.0 Diesel	[EDL 3-7]	01.83- 12.87	111649	14 33				
3258 A AS 3.0 Diesel	[EDL 3-7]	03.82- 12.87	111649	14 33				
635 K KA 1.9 Diesel	[EDL 2-2]	01.86- 01.01	111649	14 33				
642 K KA 1.9 Diesel	[EDL 2-4]	01.86- 01.01	111649	14 33				
645 K KA 2.9 Diesel	[EDL 3-6]	01.86- 01.01	111649	14 33				
648 V VA 2.9 Diesel	[EDL 3-7.2]	01.87- 01.02	111649	14 33				
666 P.PA 2.9 Diesel	[EDL 3-9.1]	01.87- 01.02	111649	14 33				
666 V VA 2.9 Diesel	[EDL 3-9.1]	01.86- 01.01	111649	14 33				
680 P PA 3.9 Diesel	[EDL 4-5.1]	01.87- 01.02	111649	14 33				
Various Models		01.77- 11.87	111649	14 33				
					01.75-	110819	12 2.8	
					01.72-	110439	12 2.0	
					01.75-	110565	12 2.8	
ERF								
TRUCKS EU								
E6 6.0	[Cummins B]				01.88-	111574	12 2.8	
Evinrude								
MARINE								
E20E					01.85- 01.95	111043	12 0.6	
E25E					01.85- 01.98	111043	12 0.6	
E25EL					01.81- 01.98	111043	12 0.6	
E25TE					01.80- 01.98	111043	12 0.6	
E25TEL					01.80- 01.98	111043	12 0.6	
E28ESL					01.87- 01.96	111043	12 0.6	
E30E					01.84- 01.98	111043	12 0.6	
E30EL					01.84- 01.98	111043	12 0.6	
E30TE					01.85- 01.98	111043	12 0.6	
E30TEL					01.85- 01.98	111043	12 0.6	
E35E					01.80- 01.84	111043	12 0.6	
E35EL					01.80- 01.84	111043	12 0.6	
E35TEL					01.83- 01.84	111043	12 0.6	
E40E EL					01.89- 01.97	110647	12 0.6	
E40TE TEL					01.89- 01.98	110647	12 0.6	
E40TL TTL					01.89- 01.98	110647	12 0.6	
E48ESL					01.87- 01.96	110647	12 0.6	
E50BE BEL					01.89- 01.95	110647	12 0.6	
E50DTL					01.95- 01.98	110647	12 0.6	
E50EL					01.95- 01.97	110647	12 0.6	
E50TEL					01.89- 01.95	110647	12 0.6	
E50TL					01.89- 01.97	110647	12 0.6	
E50TTL					01.95- 01.98	110647	12 0.6	
Various Models						110647	12 0.6	
						111043	12 0.6	
Evobus								
TRUCKS EU								
S 415 GT 12.0	[OM457.941]				10.03-	113608	24 6.2	
	[OM457.944]				10.03-	113608	24 6.2	
S 415 GT-HD 12.0	[OM457.941]				10.03-	113608	24 6.2	
	[OM457.944]				10.03-	113608	24 6.2	
S 416 GT-HD 12.0	[OM457.944]				10.03-	113608	24 6.2	
	[OM457.953]				10.03-	113608	24 6.2	
S 417 GT-HD 12.0	[OM457.944]				10.03-	113608	24 6.2	
	[OM457.953]				10.03-	113608	24 6.2	
Fahr								
AGRICULTURE								
M1000 Series		01.80- 12.87	112736	14 65				
		02.79- 12.81	110641	14 33				
		06.74- 12.80	112097	28 30				
M2000 Series		01.79- 12.87	112736	14 65				
M600 Series		02.79- 12.87	110641	14 33				
M700 Series		02.79- 12.87	110641	14 33				
M900 Series		02.79- 12.87	110641	14 33				
Farymann								
MARINE								
Various Models			110048	14 70		112496	12 2.0	
			110127	14 70		113381	12 2.5	
MOTORS								
Various Models						113381	12 2.5	
						112496	12 2.0	
Fendt								
AGRICULTURE								
204 3.8 Diesel	[F4L 912]	02.79- 08.88	110641	14 33	02.79- 09.86- 12.91 01.92- 02.79-	116139 110536 112555 116312	12 3.0 12 2.7 12 3.1 12 2.7 BO	A49
205 4.0 Diesel	[F4L 912]	02.79- 08.88	110641	14 33				
600 5.7 Diesel	[D227-6]	02.78- 02.78- 02.78-	112196 114004 115987	14 143 A49 14 150 14 143	02.78-	111332	12 2.7	
610 5.7 Diesel	[D226-6]	02.78- 02.78- 02.78-	112196 114004 115987	14 143 A49 14 150 14 143	02.78-	111332	12 2.7	
611 6.2 Diesel	[D226-6]	02.76- 02.76- 02.76-	112196 114004 115987	14 143 A49 14 150 14 143	02.76-	111332	12 2.7	
612 6.2 Diesel	[D226-6]	02.76- 02.76- 02.76-	112196 114004 115987	14 143 A49 14 150 14 143	02.76-	111332	12 2.7	
614 6.2 Diesel	[TD226-6]	02.78- 02.78- 02.78-	112196 114004 115987	14 143 A49 14 150 14 143	02.78-	111332	12 2.7	



615 6.2 Diesel	[TD226-6]	02.78- 02.78- 02.78-	112196 114004 115987	14 143 A49 14 150 14 143			
818 6.9	[D0826LE521]				01.93- 12.04	116135	24 4.0 A49
820 Diesel	[F3L912..]				06.93-	112494	24 4.0
822 6.9	[D0826LE522]				01.93- 12.04	116135	24 4.0 A49
824 6.9	[D0826LE523]				01.93- 12.04	116135	24 4.0 A49
105S 4.2 Diesel	[D226-4]				02.77- 02.92	111332	12 2.7
200 Series 2.8 Diesel	[F3L912]	02.79- 08.88 02.79- 08.88 09.88-	110077 110641 110881	14 50 14 33 14 55	02.74- 02.74- 02.74- 02.74- 12.91 10.92-	116312 116139 116086 110536 112555	12 2.7 BO 12 3.0 A49 12 2.7 A49 12 2.7 12 3.1
204 P 204 V 3.8	[F4L912]	01.74- 12.96 01.74- 12.96	110641 110881	14 33 14 55	01.74- 12.96 01.74- 12.96	116139 116320*	12 3.0 A49 12 2.7 Bosch 11 teeth
					01.74- 12.96	110536	12 2.7
					01.74- 12.96	116086	12 2.7 A49
					01.74- 12.96	116312	12 2.7 BO
204 PA 204 VA 3.8	[F4L912]	01.74- 12.96	110641	14 33	01.74- 12.96	116320*	12 2.7 Bosch 11 teeth
		01.74- 12.96	110881	14 55	01.74- 12.96	116139	12 3.0 A49
					01.74- 12.96	110536	12 2.7
					01.74- 12.96	116086	12 2.7 A49
					01.74- 12.96	116312	12 2.7 BO
300 SERIES 4.2 Diesel	[D226..]	02.80- 08.04 02.80- 02.80-	112196 114004 115987	14 143 A49 14 150 14 143	02.80-	111332	12 2.7
626 LS 11.4 Diesel	[D2566ME]	02.82- 02.97 02.82- 02.82-	112196 114004 115987	14 143 A49 14 150 14 143			
800 Series 6.9 Diesel	[D286..]				06.93- 06.93-	113353 116135	24 4.0 24 4.0 A49
900 Series					01.93-	113353	24 4.0
916 Vario 6.9	[D0826LE524]				01.97- 12.02	116135	24 4.0 A49
920 Vario 6.9	[D0826LE530]				01.97- 12.02	116135	24 4.0 A49
924 Vario 6.9	[D0826LE527]				01.97- 12.02	116135	24 4.0 A49
926 Vario 6.9	[D0826LE531]				01.97- 12.02	116135	24 4.0 A49
Various Models	[TCD2013]		114192	14 200		114838 114475	12 4.5 MI 12 4.0
			114735	14 150		116320*	12 2.7 Bosch 11 teeth
			111978	14 120		116139	12 3.0 A49
						116086	12 2.7 A49
						116312	12 2.7 BO
					01.68- 12.74	112039	12 2.7
						112555	12 3.1
						110536	12 2.7
Fermec							
AGRICULTURE							
860 865 960 965 640B 650B 3.9 Diesel		01.99-	115848	14 95			
Ferrari							
PASSENGER CARS EU							
208 2.0 Turbo	[F106D..]	06.82- 10.89 GTB/GTS 01.86- 10.89	111620 113187	14 65 14 85			
328 3.2 GTB	[F105C..]				09.85- 09.89	111694	12 1.8
400 4.8 i	[F101..]	05.79- 03.85	110912	14 55			
412 4.9 i	[F101E..]	04.85- 12.88	111620	14 65			
F 40 3.0	[F120A]	02.88- 06.92 04.88- 06.92	111620 113187	14 65 14 85			
Mondial 2.9	[F106B..]	07.80- 09.83	111620	14 65			
Mondial 3.4 T	[F119D]				01.89- 12.93	111694	12 1.8
AGRICULTURE							
86 2.5 Diesel	[LDA 833]	06.80- 06.80-	111662 116131	14 33 14 33 A49			
91 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
92 0.5	[3LD350]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
93		09.89-	111662	14 33			
			116131	14 33 A49			
94		09.89-	111662	14 33			
			116131	14 33 A49			
95 1.3 Diesel	[8LD665.2]	11.88- 11.88-	111662 116131	14 33 14 33 A49			
96 2.7 Diesel	[5LD 824-3]	09.89- 09.89-	111662 116131	14 33 14 33 A49			
305 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
305 0.5	[6L360]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
306 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
307 0.4	[6LD400]				10.90- 02.92 02.92-	112034 112171	12 1.7 12 1.1
718 0.7	[7LD665]				06.80- 12.83	113268	12 1.6
792 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
794 0.4	[6LD400]				09.89- 02.92 03.92- 09.04	112034 112171	12 1.7 12 1.1
1100 1.1 Diesel	[9LD 561]	12.85- 12.85-	111662 116131	14 33 14 33 A49	12.85-	112172	12 1.6
1300 1.3 Diesel	[8LD665.2]	12.85- 12.85-	111662 116131	14 33 14 33 A49	12.85-	112172	12 1.6
40 WDT 1.6 Diesel	[LDW1503]	04.91-	111168	14 55	04.91-	110844	12 2.2
72S 0.7	[7LD665]				01.71- 01.71-	112171 113268	12 1.1 12 1.6

STARTERS & ALTERNATORS



Application list

FERRARI *Continued*

95 RS 1.7 Diesel	[5LD 825.2]	11.88- 11.88-	111662 116131	14 33 14 33 A49			
95 RS 1.9 Diesel	[11LD 625.3]		111662 116131	14 33 14 33 A49			
96 RS 1.9 Diesel	[11LD 625.3]	09.89- 12.90-	111662 116131	14 33 14 33 A49			
Fiat							
PASSENGER CARS EU							
124 1.2 1200	[124A.000]	08.71- 07.75	110912	14 55			
124 1.4 1400 Special	[124B2.000]	10.68- 07.75 10.68- 07.75	110611 110912	14 55 14 55			
124 1.4 1400 Special T	[132A.000]	10.68- 07.75 10.68- 07.75	110611 110912	14 55 14 55			
124 1.6 1600 Spider Sport	[132AC.000]	11.69- 08.73 04.70- 08.73	110912 110611	14 55 14 55			
124 1.6 1600 Sport	[132AC.000]	01.69- 12.74 01.69- 12.75	110611 110912	14 55 14 55			
125 1.6	[125A.000]	07.71- 12.72	110912	14 55			
125 1.6 Special	[125B.000]	07.71- 12.72	110912	14 55			
126 0.7 700 Bambino	[126A2.000] [126A2.048]	09.87- 06.91 09.87- 06.91	111035 111035	14 65 14 65			
127 0.9	[100GL.000] [100GL.048]	06.78- 05.83 06.78- 05.83	111078 111078	14 45 14 45	06.71- 05.83 06.71- 05.83	110365 110365	12 0.8 12 0.8
127 1.0	[127A.000]	04.77- 05.83 04.77- 12.86	111180 116133	14 33 14 33 A49			
127 1.0 Panorama	[127A.000]	01.77- 12.86 04.77- 05.86	116133 111180	14 33 A49 14 33			
127 1.0 Sport	[127A1.000]	06.78- 11.81 06.78- 11.81 07.78- 02.82	110899 111180 116133	14 33 14 33 14 33 A49			
128 1.1 1100	[128A.000] [128A.048] [128AC5.000]	03.69- 12.84 09.69- 10.78 09.69- 12.84 09.69- 12.79 09.69- 09.81 02.75- 09.81	116133 110899 111180 110899 111180 116133	14 33 A49 14 33 14 33 14 33 14 33 14 33 A49	09.69- 12.84 09.69- 12.84	110338 110338	12 0.8 12 0.8
128 1.3 1300	[128A1.000] [128AC.000]	01.71- 04.76 01.71- 12.84 12.74- 10.82 11.71- 12.75 11.71- 12.75 03.72- 12.79	110899 111180 116133 110899 111180 116133	14 33 14 33 14 33 A49 14 33 14 33 14 33 A49	03.69- 12.84 11.71- 12.75	110338 110338	12 0.8 12 0.8
128 1.3 1300 Berlinetta	[128AC.000]	06.75- 12.79 06.75- 12.79 06.75- 12.79	110899 111180 116133	14 33 14 33 14 33 A49	06.75- 12.79	110338	12 0.8
128 1.3 1300 Rally	[128AR000]	09.71- 02.76	110899	14 33	09.71- 02.76	110338	12 0.8
128 1.3 1300 Sport	[128A1.000]	03.69- 10.78 08.74- 12.84 10.78- 12.84	110899 116133 111180	14 33 14 33 A49 14 33	03.69- 12.84	110338	12 0.8
130 3.2 3200	[130B.000]	09.71- 03.77	110611	14 55			
131 1.3 Mirafiori	[131A.000] [131A6.000]	10.74- 12.82 10.74- 09.81	110350 110912	14 44 14 55			
131 1.3 Mirafiori Panorama	[131A.000]	03.75- 03.82	110912	14 55			
131 1.3 Panorama Mirafiori	[131A6.000]	10.74- 01.84	110912	14 55			
131 1.3 Super Mirafiori	[131B.000]	10.74- 01.84	110912	14 55	03.78- 12.80	110814	12 2.7
131 1.4 Mirafiori	[131C.000] [131C1.000]	11.80- 01.84 11.80- 01.84	110912 110912	14 55 14 55	11.80- 01.84 11.80- 01.84	110352 110352	12 1.3 12 1.3
131 1.4 Super Mirafiori	[131C1.000]	10.74- 01.84	110912	14 55	01.81- 12.83	110352	12 1.3
131 1.6 1600	[131A1.000] [131C2.000]	10.74- 09.81 10.74- 01.84	110912 110912	14 55 14 55	10.74- 06.80 11.76- 12.84	110352 110814	12 1.3 12 2.7
131 1.6 1600 Panorama	[131C2.000]	11.80- 01.84	110912	14 55			
131 1.6 1600 Super	[131C3.000]	03.78- 01.84	110912	14 55	03.78- 06.80	110352	12 1.3
131 1.6 Panorama	[131A1.000]	03.75- 12.78	110912	14 55	03.75- 12.78	110352	12 1.3
131 1.6 Panorama Super	[131C3.000]	12.79- 12.81	110912	14 55			
131 1.6 Super Mirafiori	[131B1.000]	10.74- 01.84	110912	14 55	03.79- 06.80	110352	12 1.3
131 2.0 2000 Racing	[131B2.000]	06.78- 12.81	110912	14 55	06.78- 08.79	110352	12 1.3
131 2.0 2000 Super	[131C4.000]	01.81- 01.84	110912	14 55	01.81- 12.84	110814	12 2.7
131 2.0 Diesel	[8144.65]	03.78- 01.84 03.78- 01.84 03.78- 01.84	110882 110890 111686	14 45 14 55 14 65			
131 2.5 Diesel	[8144.61]	03.78- 02.84 03.78- 02.84 03.78- 02.84	110882 110890 111686	14 45 14 55 14 65	06.78- 02.84	110814	12 2.7
131 2.5 Diesel 2500 Super Mirafiori	[8144.61]	08.78- 01.84 08.78- 01.84 08.78- 01.84	110882 110890 111686	14 45 14 55 14 65			
132 1.6 1600	[132BBOAO] [132C.000] [132C6.000]	04.72- 05.81 05.72- 05.81 03.77- 12.81	110912 110912 110912	14 55 14 55 14 55			
132 1.7 1700	[132B1.000]	11.75- 01.77	110912	14 55			
132 1.8 1800 GLS	[132B1.000]	02.74- 12.75	110912	14 55			
132 1.8 1800 Special	[132B1.000]	04.72- 01.74	110912	14 55			
132 2.0 2000	[132C2.000]	05.72- 06.81	110912	14 55			
132 2.0 i.e. 2000	[132C3.000]	01.80- 05.81	110912	14 55			
132 2.0 Diesel	[8144.65]	03.78- 07.82 03.78- 07.82 03.78- 05.81	110882 110890 111686	14 45 14 55 14 65			
132 2.5 Diesel	[8144.61]	03.78- 07.82 03.78- 07.82 03.78- 05.81	110882 110890 111686	14 45 14 55 14 65			
500 0.9	[199B6.000]	10.13- 10.13- 10.13-	114806 115457 115874	14 120 14 120 14 120 A49	10.13- 10.13-	113962 116024	12 0.9 12 1.1



	[312A2.000]	07.10- 07.10-	114806 115874	14 120 14 120 A49		07.10-	116024	12 1.1
	[312A4.000]	09.12- 09.12- 09.12-	114806 115457 115874	14 120 14 120 14 120 A49		09.12- 09.12-	113962 116024	12 0.9 12 1.1
	[312A5.000]	12.13- 12.13-	114806 115874	14 120 14 120 A49		12.13- 12.13-	113962 116024	12 0.9 12 1.1
500 1.0	[312A4.000]	12.13- 12.13-	114806 115874	14 120 14 120 A49		12.13- 12.13-	113962 116024	12 0.9 12 1.1
500 1.2	[169A4.000]	10.07- 10.07- 10.07- 10.07-	113535 114462 115615 115647	14 85 14 70 14 105 14 90		10.07-	113962	12 0.9
500 1.2 LPG	[169A4.000]	12.10- 12.10- 12.10-	114462 115620 115647	14 70 14 105 14 90		12.10- A25 12.10-	113962 115312	12 0.9 12 1.1
500 1.3 Multijet	[169A1.000]	10.07- 10.07- AC 10.07- AC 10.07- AC 10.07-	113721 116330* 113722 114451 115963	14 75 A49 14 75 14 90 A49 14 105 14 90				
	[199B1.000]	12.09- AC 12.09-	115852 115346	14 105 14 120		12.09-	115400	12 1.4
	[312B5.000]	06.16-	115667	14 120		06.16-	115400	12 1.4
500 1.4	[169A3.000]	10.07- 10.07- 10.07- 10.07-	113535 114462 115615 115647	14 85 14 70 14 105 14 90		10.07-	113962	12 0.9
500 1.4 Abarth	[312A1.000]	08.08-	116089	14 120		08.08-	113962	12 0.9
	[312A3.000]	05.10-	116089	14 120		05.10-	113962	12 0.9
	[312A9.000]	08.08-	116089	14 120		08.08-	113962	12 0.9
124 Spider 1.4	[55253268]					03.16-	113962	12 0.9
131 Familiare/Panorama 2.0 Mirafiori	[131B2.000]	11.80- 12.84 AC 11.80- 12.84 AC 11.80- 12.84 AC 11.80- 12.84	112768 110890 110912 111620	14 55 14 55 14 55 14 65				
238-Series 1.4	[131AZ000]	01.69- 10.77 06.76- 12.77 01.78- 06.82	110611 110912 111078	14 55 14 55 14 45				
	[131BZ0C0]	06.80- 06.82	111078	14 45				
	[131FZ]	06.80- 06.82	111078	14 45				
500 C 0.9	[199B6.000]	12.13- 12.13- 12.13-	114806 115457 115874	14 120 14 120 14 120 A49		12.13- 12.13-	113962 116024	12 0.9 12 1.1
	[312A2.000]	09.09- 09.09-	114806 115874	14 120 14 120 A49		09.09-	116024	12 1.1
	[312A4.000]	09.12- 09.12- 09.12-	114806 115457 115874	14 120 14 120 14 120 A49		09.12- 09.12-	113962 116024	12 0.9 12 1.1
	[312A5.000]	12.13-	115457	14 120		12.13- 12.13-	116024 113962	12 1.1 12 0.9
	[312A6.000]	12.13- 12.13- 12.13- 12.13-	114806 115457 115874 116125	14 120 14 120 14 120 14 120		12.13- A25 12.13- A25 12.13-	113962 115828 116024	12 0.9 12 1.4 12 1.1
500 C 1.2	[169A4.000]	09.09- 09.09- 09.09- 09.09- 09.09-	114462 114706 115615 115620 115647	14 70 14 120 14 105 14 105 14 90		09.09- A25 09.09-	113962 115312	12 0.9 12 1.1
500 C 1.3 Multijet	[169A1.000]	09.09- 09.09- 09.09-	113722 114451 115963	14 90 A49 14 105 14 90				
	[199B1.000]	09.09- AC 09.09-	115852 115346	14 105 14 120		09.09-	115400	12 1.4
500 C 1.4	[169A3.000]	09.09- 09.09- 09.09- 09.09- 09.09-	113535 114462 115615 115620 115647	14 85 14 70 14 105 14 105 14 90		09.09- A25 09.09-	113962 115312	12 0.9 12 1.1
500 C 1.4 Abarth	[312A1.000]	05.11-	116089	14 120		05.11-	113962	12 0.9
	[312A3.000]	09.09-	116089	14 120		09.09-	113962	12 0.9
500L 0.9	[199B6.000]	09.12-	115457	14 120		09.12-	116024	12 1.1
500L 0.9 CNG	[312A2.000]	03.13- 03.13-	114806 115874	14 120 14 120 A49		03.13- 03.13-	115874 116024	12 1.1 12 1.1
						03.13-	114806	
500L 0.9 Natural Power	[312A2.000]	04.17- 04.17-	114806 115874	14 120 14 120		04.17- 04.17-	115828 116024	12 1.4 12 1.1
500L 1.2 Multijet	[330A1.000]	06.14-	115667	14 120		06.14-	115400	12 1.4
500L 1.3 Multijet	[199B4.000]	09.12-	115667	14 120		09.12-	115400	12 1.4
500L 1.4	[843A1.000]	09.12-	114462	14 70		09.12-	113962	12 0.9
	[940B7.000]	10.13- 10.13-	114806 115874	14 120 14 120 A49		10.13-	113962	12 0.9
500L 1.4 LPG	[940B7.000]	02.14- 02.14-	114806 115874	14 120 14 120 A49		02.14-	113962	12 0.9
500L 1.6 Multijet	[199B5.000]	09.12-	116094	14 120		A25 09.12-	115399	12 1.4
	[955A3.000]	09.13-	116094	14 120				
500X 1.2 Multijet	[55266963]					06.15-	115400	12 1.4
500X 1.4	[55263624]	09.14-	115457	14 120				
500X 1.4 LPG	[55277701]	03.17- 03.17-	114806 115874	14 120 14 120		03.17-	113962	12 0.9
500X 1.6 Multijet	[55260384]	09.14-	116094	14 120		09.14-	115399	12 1.4
500X 2.0 Multijet 4x4	[55263087]	09.14-	116094	14 120		09.14-	115717	12 1.7
	[55263088]	09.14-	116094	14 120		09.14-	115717	12 1.7
Albea 1.2 i.e. 16V	[188A5.000]	01.02-	113718	14 70				
Albea 1.2 i.e. 8V	[188A4.000]	01.02-	113718	14 70				

STARTERS & ALTERNATORS



Application list

FIAT Continued

Albea 1.4	[350A1.000]	01.07-	113718	14 70	01.07-	113962	12 0.9
		01.07-	114462	14 70			
		01.07-	115615	14 105			
		01.07-	115647	14 90			
Argenta 1.6 1600	[132D.000]	06.81- 11.85	110912	14 55			
		ATAC 06.81- 11.85	111620	14 65			
		AC 06.81- 11.85	111620	14 65			
Argenta 1.6 i.e. 1600		04.81- 12.85	110912	14 55			
Argenta 2.0 2000	[132C2.000]	06.81- 11.85	110912	14 55			
		ATAC 06.81- 11.85	111620	14 65			
		AT 06.81- 11.85	110912	14 55			
		AC 06.81- 11.85	111620	14 65			
Argenta 2.0 2000 Volumax		06.84- 07.85	110912	14 55			
Argenta 2.0 i.e. 2000	[132C3.000]	06.81- 11.85	110912	14 55			
		ATAC 06.81- 11.85	111620	14 65			
		AT 06.81- 11.85	110912	14 55			
		AC 06.81- 11.85	111620	14 65			
Argenta 2.5 Diesel 2500	[8144.61]	06.81- 11.85	110890	14 55 ▲			
		06.81- 11.85	111686	14 65			
		AC 06.81- 11.85	111686	14 65			
Argenta 2.5 TD	[8144.61.500.81]	07.83- 11.85	110890	14 55 ▲			
		07.83- 11.85	111686	14 65			
		AC 07.83- 11.85	111686	14 65			
Barchetta 1.8 16V	[183A1.000]	04.95-	111413	14 90	04.95-	111685	12 1.4
		04.95- 09.00	113942	14 100			
	[188A6.000]	AC 04.95-	111409	14 100	09.00-	111685	12 1.4
		10.00-	113942	14 100			
		Eng. -2988825 04.95-	111413	14 90			
AC, Eng. -2988825 04.95-	111409	14 100					
Brava 1.2 16V	[182B2.000]	12.98- 12.02	115476	14 85	12.98-	111422	12 0.8
		AC 12.98- 10.00	115476	14 85	12.98- 12.02	112382	12 0.8
	[188A5.000]	AC 10.00-	113535	14 85	12.98-	111422	12 0.8
Brava 1.4	[182A5.000]	PS 10.95-	111413	14 90	10.95-	111420	12 0.9
Brava 1.4 12V	[182A3.000]	PS 10.95-	111413	14 90	10.95-	111420	12 0.9
Brava 1.6 16V EL	[182A6.000]	10.95-	111689	14 65	10.95-	112124	12 0.9
		PS 10.95-	111689	14 65			
Brava 1.6 16V SX	[182A4.000]	02.96-	111689	14 65	02.96-	112124	12 0.9
		PS 02.96-	111689	14 65	AT 10.98-	112445	12 1.1 A49
		AC 11.98-	112190	14 90	02.96- 10.01	116336*	12 1.1
Brava 1.6					182A... AT 10.95-	111420	12 0.9
Brava 1.8 16V GT	[182A2.000]	10.95- 10.01	113939	14 100	10.95-	111685	12 1.4
		10.95- 10.01	113942	14 100			
		11.98- 01.01	111409	14 100			
		AC 12.95- 01.01	111409	14 100			
Brava 1.9 Diesel	[160A7.000]	10.95-	111416	14 65			
Brava 1.9 JTD	[182B4.000]	12.98-	111409	14 100	12.98-	113430	12 1.8
		12.98-	113336	14 120			
		12.98- 10.01	113942	14 100			
		12.98- 10.01	113943	14 100			
		09.00- 10.01	113943	14 100			
AC 09.00- 10.01	113336	14 120	09.00- 10.01	113430	12 1.8		
Brava 1.9 TD	[182A7.000]	03.96- 10.01	113939	14 100	03.96-	113430	12 1.8
	[182A8.000]	03.96- 10.01	113939	14 100	03.96-	113430	12 1.8
Bravo 1.2 16V	[182B2.000]	12.98- 10.01	115476	14 85	12.98-	111422	12 0.8
		AC 12.98- 10.00	115476	14 85	12.98- 10.01	112382	12 0.8
	[188A5.000]	AC 10.00-	113535	14 85	12.98-	111422	12 0.8
Bravo 1.4	[182A3.000]	PS 10.95-	111413	14 90	10.95-	111420	12 0.9
	[182A5.000]	PS 10.95-	111413	14 90	10.95-	111420	12 0.9
	[192B2.000]	04.07-	114462	14 70	04.07-	113962	12 0.9
Bravo 1.4 16V	[198A7.000]	03.08-	114806	14 120	03.08-	113962	12 0.9
		03.08-	115874	14 120 A49			
Bravo 1.4 T-Jet	[198A1.000]	09.07-	114806	14 120	09.07-	113962	12 0.9
		09.07-	115874	14 120 A49			
	[198A4.000]	09.07-	114462	14 70			
		09.07-	114806	14 120			
		09.07-	115874	14 120 A49			
Bravo 1.4 LPG	[192B2.000]	11.09-	114462	14 70	A25 11.09-	115312	12 1.1
Bravo 1.6	[182A6.000]	10.95-	111689	14 65	10.95- 10.01	116336*	12 1.1
					10.95-	112124	12 0.9
		PS 10.95-	111689	14 65	11.98-	112445	12 1.1 A49
Bravo 1.6 SX	[182A4.000]	03.96-	111689	14 65	AT 10.98-	112445	12 1.1 A49
		PS 03.96-	111689	14 65	03.96-	112124	12 0.9
		AC 11.98-	112190	14 90	03.96- 10.01	116336*	12 1.1
Bravo 1.6 Multijet	[198A2.000]	03.08-	113996	14 140	03.08-	113931	12 1.7
		03.08-	114493	14 100			
		03.08-	115429	14 120			
	[198A3.000]	03.08-	113996	14 140	03.08-	113430	12 1.8
		03.08-	114493	14 100			
		03.08-	115429	14 120			
	[199A6.000]	03.08-	114493	14 100	03.08-	113931	12 1.7
		03.08-	115429	14 120			
		03.08-	116045	12 1.4			
	[955A4.000]	11.08-	113996	14 140	11.08-	113931	12 1.7
11.08-		114493	14 100				
Bravo 1.8 GT	[182A2.000]	10.95- 10.01	113939	14 100	10.95-	111685	12 1.4
Bravo 1.9 Diesel	[160A7.000]	10.95-	111416	14 65			
Bravo 1.9 JTD	[182B4.000]	12.98-	111409	14 100	12.98-	113430	12 1.8
		12.98-	113336	14 120			
		12.98- 10.01	113942	14 100			
		12.98- 10.01	113943	14 100			
		09.00- 10.01	113943	14 100			
AC 09.00- 10.01	113336	14 120	09.00- 10.01	113430	12 1.8		
Bravo 1.9 Multijet	[192A1.000]	11.06-	113336	14 120	11.06-	113430	12 1.8
		11.06-	114494	14 90			
	[192A8.000]	04.07-	114494	14 90			
	[192B5.000]	04.07- 12.08	114494	14 90			
	[937A5.000]	04.07-	114204	14 120	04.07-	113931	12 1.7
Bravo 1.9 TD	[182A7.000]	03.96- 10.01	113939	14 100	03.96-	113430	12 1.8



Bravo 2.0 20V	[182A1.000]					10.95-	111685	12 1.4	
	[182B7.000]					07.98-	111685	12 1.4	
Bravo 2.0 Multijet	[198A5.000]	09.08-	113996	14 140		09.08-	116045	12 1.4	
		09.08-	114493	14 100					
		09.08-	115932	14 120					
	[844A2.000]	09.08-	114493	14 100		09.08-	116045	12 1.4	
		09.08-	115932	14 120					
Campagnola 2.0	[6132AZ2.000]	06.74- 10.89	110912	14 55					
		06.79- 10.86	110890	14 55					
Campagnola 2.4 Diesel	[Sofim-8144.61.200]	06.74- 10.89	110890	14 55		06.74- 10.89	111693	12 2.5	
Cinquecento 0.9	[170A1.000]	07.91- 12.93	111687	14 55		07.91- 12.93	111585	12 0.8	
Cinquecento 0.9 i.e.	[1170A1.000]					07.91- 07.98	111585	12 0.8	
	[1170A1.046]	07.91- 07.98	111687	14 55		07.91- 07.98	111585	12 0.8	
	[170A1.046]	07.91- 12.93	111687	14 55		07.91- 12.93	111585	12 0.8	
Cinquecento 1.1 Sporting	[176B2.000]	10.94-	113471	14 65		10.94-	111422	12 0.8	
		10.94- 01.98	113533	14 65					
		AC 10.94-	113471	14 65	▲				
Cinquecento Van 0.9		07.91- 02.98	111687	14 55		07.91- 02.98	111585	12 0.8	
Cinquecento Van 1.1		10.94- 02.98	113471	14 65		10.94- 02.98	111422	12 0.8	
		10.94- 02.98	111036	14 45					
Coupe 1.8 16V	[183A1.000]	03.96-	111409	14 100		03.96-	111685	12 1.4	
		03.96- 08.00	113942	14 100					
Coupe 2.0 16V	[836A3.000]	03.94- 09.96	111620	14 65		03.94-	110854	12 1.4	
Coupe 2.0 20V	[182A1.000]					08.96- 04.98	111685	12 1.4	
	[182B3.000]					04.98-	111685	12 1.4	
Coupe 2.0 Turbo 16V	[175A1.000]	03.94- 09.96	111620	14 65		03.94-	110854	12 1.4	
Coupe 2.0 Turbo 20V	[175A3.000]					08.96-	111685	12 1.4	
Croma 1.6	[154A.048]	12.85- 06.90	110912	14 55		12.85- 02.89	112455	12 1.4	
		12.85- 06.90	111620	14 65	▲				
		12.85- 06.90	113187	14 85					
Croma 1.8 16V	[939A4.000]	12.05-	114431	14 120		12.05-	114298	12 1.1	
Croma 1.9 Multijet	[939A1.000]	06.05-	113996	14 140		06.05-	113931	12 1.7	
		06.05-	114204	14 120					
		06.05-	113996	14 140		06.05-	113430	12 1.8	
		06.05-	114204	14 120					
	[939A7.000]	06.05-	113955	14 105		06.05-	113931	12 1.7	
		06.05-	113996	14 140					
Croma 1.9 TD	[154C6.000]	12.05-	113955	14 105		12.05-	113931	12 1.7	
		12.05-	114493	14 100					
Croma 1.9 TDDI	[154D1.000]	03.88- 10.92	111620	14 65		11.92- 12.96	112537	12 2.2	
		05.89- 10.92	113187	14 85					
Croma 2.0 2000 CHT	[154A1.000]	03.88- 12.96	111620	14 65		11.92- 12.96	112537	12 2.2	
Croma 2.0 2000 CHT	[154A1.000]	12.85- 01.87	110912	14 55		12.85- 02.89	112455	12 1.4	
		12.85- 02.89	111620	14 65					
		12.85- 02.89	113187	14 85					
		01.91- 09.92	111620	14 65		01.91- 09.92	112455	12 1.4	
Croma 2.0 16V	[154E1.000]	08.92- 03.98	112681	14 80		08.92-	112455	12 1.4	
Croma 2.0 i.e. Turbo	[834C.146]	11.86- 09.90	111620	14 65					
		AC 11.86- 07.90	112453	14 85					
Croma 2.0 i.e. Turbo 2000	[154A2.000]	12.85- 09.90	111620	14 65		AT 12.85- 06.90	112455	12 1.4	
		12.85- 09.90	112453	14 85					
		AC 12.85- 06.90	112453	14 85					
		[154C4.046]	10.90- 08.96	111620	14 65		10.90- 11.91	112455	12 1.4
		[834C.146]	06.87- 09.90	111620	14 65		AT 06.87- 09.90	112455	12 1.4
	AC 06.87- 07.90	112453	14 85						
Croma 2.0 i.e. 2000	[154C3.000]	03.87- 09.90	113187	14 85		03.87- 09.92	112455	12 1.4	
		10.87- 08.96	111620	14 65		AT 10.87- 12.91	112455	12 1.4	
		10.87- 09.90	113187	14 85					
		AC 10.87- 07.90	112453	14 85					
	[834B.000]	03.87- 09.92	111620	14 65		AT 03.87- 09.90	112455	12 1.4	
		03.87- 09.90	113187	14 85					
		AC 03.87- 09.92	112453	14 85					
	[834B.048]	03.86- 09.90	111620	14 65		AT 03.86- 09.90	112455	12 1.4	
	03.86- 09.90	113187	14 85						
	AC 03.86- 09.90	112453	14 85						
	[834B.146]	10.87- 09.90	113187	14 85					
		11.92- 08.96	111620	14 65					
Croma 2.2 16V	[194A1.000]					06.05-	114124	12 1.8	
						06.05-	115360	12 1.4	
Croma 2.4 Multijet	[939A3.000]	06.05-	114749	14 150		06.05-	114234*	12	
Croma 2.5 Diesel	[8144.67]	12.85- 12.89	111686	14 65					
		12.85- 12.89	112453	14 85					
		AC 12.85- 12.89	112453	14 85					
Croma 2.5 TD	[8144.97S]	12.91- 08.96	111686	14 65		12.91- 08.96	112541	12 2.2	
		AC 12.91- 08.96	112453	14 85					
Croma 2.5 TD 2500	[8144.91.2000]	12.85- 08.89	111686	14 65					
		12.85- 12.96	112453	14 85					
		AC 12.85- 08.89	112453	14 85					
	[8144.97]	12.85- 12.96	112453	14 85					
		05.89- 08.96	111686	14 65					
DB9 Coupe 1.2 Multijet	[330A1.000]	03.16-	115346	14 120		03.16-	115400	12 1.4	
Doblo 1.2 i.e. 8V	[223A5.000]	03.01-	111411	14 75		03.01-	114123	12 0.8	
		03.01-	115664*	14 75					
		03.01-	115665	14 75					
		04.02-	114899	14 70					
		PS 03.01-	113537	14 65					
		AC 03.01-	111505	14 75					
Doblo 1.2 JTD 16V	[188A9.000]	09.05- 12.06	113722	14 90		09.05- 12.06	113719	12 1.3	
		09.05- 12.06	114451	14 105		12.04- 05.05	115869	12 1.3 A49	
Doblo 1.2 Multijet	[199A3.000]	02.10-	113721	14 75 A49		02.10-	115869	12 1.3 A49	
		02.10-	115852	14 105		02.10-	113719	12 1.3	
		02.10-	116330*	14 75					
		A18 02.10-	113722	14 90 A49					
			A18 02.10-	115963	14 90				
		[225A2.000]	03.16-	115346	14 120		03.16-	115400	12 1.4

STARTERS & ALTERNATORS



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	[263A2.000]	02.10-	112721	14 55		02.10-	113719	12 1.3	
		02.10-	115852	14 105		02.10-	115869	12 1.3	A49
		A18 02.10-	113722	14 90	A49				
		A18 02.10-	115963	14 90					
	[263A6.000]	11.13-	113721	14 75		11.13-	113719	12 1.3	
		11.13-	113722	14 90		A25 11.13-	115400	12 1.4	
		11.13-	114451	14 105		11.13-	115869	12 1.3	
		11.13-	115346	14 120					
		11.13-	115384	14 120					
		11.13-	115667	14 120					
		11.13-	115852	14 105					
		11.13-	115963	14 90					
	[330A1.000]	03.16-	115346	14 120		03.16-	115400	12 1.4	
Doblo 1.3 16V JTD Cargo	[223A9.000]	AC 08.06-	113722	14 90	A49				
		AC 08.06-	114451	14 105					
		AC 08.06-	115963	14 90					
Doblo 1.3 JTD 16V	[188A8.000]	05.04-	113721	14 75	A49	05.04-	113719	12 1.3	
		05.04-	116330*	14 75		05.04-	115869	12 1.3	A49
		AC 05.04-	113722	14 90	A49				
		AC 05.04-	114451	14 105					
		AC 05.04-	115963	14 90					
	[188A9.000]	05.04-	113721	14 75	A49	05.04-	115869	12 1.3	A49
		05.04-	116330*	14 75		05.04-	113719	12 1.3	
		AC 05.04-	113722	14 90	A49				
		AC 05.04-	114451	14 105					
		AC 05.04-	115963	14 90					
Doblo 1.3 Multijet	[199A2.000]	10.05-	115668	14 90		10.05-	113719	12 1.3	
		AC 10.05-	113722	14 90	A49	10.05-	115869	12 1.3	A49
		AC 10.05-	114451	14 105					
		AC 10.05-	115963	14 90					
	[199A3.000]	02.10-	113721	14 75	A49	02.10-	115400	12 1.4	
		02.10-	115852	14 105					
		02.10-	116330*	14 75					
		AC 02.10-	113722	14 90	A49				
		AC 02.10-	115963	14 90					
	[223A9.000]	AC 10.05-	113722	14 90	A49	10.05-	115869	12 1.3	A49
		AC 10.05-	114451	14 105		10.05-	113719	12 1.3	
		AC 10.05-	115963	14 90					
Doblo 1.4	[263A2.000]	02.10-	115852	14 105					
	[198A4.000]	06.10-	114806	14 120		A25 10.11-	115312	12 1.1	
		06.10-	115874	14 120	A49	06.10-	113962	12 0.9	
	[350A1.000]	10.05-	114462	14 70		10.05-	113962	12 0.9	
		10.05-	115647	14 90					
	[843A1.000]	02.10-	113535	14 85		A25 02.10-	115312	12 1.1	
		02.10-	114462	14 70		02.10-	113962	12 0.9	
		02.10-	115615	14 105					
		02.10-	115620	14 105					
		02.10-	115647	14 90					
		04.10-	114706	14 120					
Doblo 1.4 Cargo	[843A1.000]	02.10-	113535	14 85		A25 02.10-	115312	12 1.1	
		02.10-	114462	14 70		02.10-	113962	12 0.9	
		02.10-	114706	14 120					
		02.10-	115620	14 105					
		02.10-	115647	14 90					
Doblo 1.4 Cargo Natural Power	[198A4.000]	06.10-	114806	14 120		A25 06.10-	115312	12 1.1	
		06.10-	115874	14 120	A49				
Doblo 1.4 Natural Power	[198A4.000]	02.10-	114806	14 120		A25 02.10-	115312	12 1.1	
		02.10-	115874	14 120	A49				
Doblo 1.6	[182B6.000]					09.02-	112445	12 1.1	A49
						09.02-	114035	12 1.3	
						09.02-	116336*	12 1.1	
Doblo 1.6 i.e. 16V	[182B6.000]	10.01-	112190	14 90		10.01-	116336*	12 1.1	
						10.01-	112445	12 1.1	A49
						10.01-	114035	12 1.3	
Doblo 1.6 16V Multijet	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
Doblo 1.6 16V Multijet Cargo	[198A3.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
Doblo 1.6 Multijet	[198A3.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
						02.10-	113931	12 1.7	
	[263A3.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
						02.10-	113931	12 1.7	
	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
						02.10-	113931	12 1.7	
	[263A7.000]	03.15-	114493	14 100		03.15-	115399	12 1.4	
		03.15-	115429	14 120		03.15-	116045	12 1.4	
	[940C1.000]	03.15-	114493	14 100		03.15-	115399	12 1.4	
		03.15-	115429	14 120		03.15-	116045	12 1.4	
		02.16-	115346	14 120					
Doblo 1.6 Multijet Cargo	[263A3.000]	02.11-	114493	14 100		A25 02.11-	115399	12 1.4	
		02.11-	115429	14 120		02.11-	116045	12 1.4	
						02.11-	113931	12 1.7	
	[263A4.000]	02.10-	114493	14 100		A25 02.10-	115399	12 1.4	
		02.10-	115429	14 120		02.10-	116045	12 1.4	
						02.10-	113931	12 1.7	
Doblo 1.9 Diesel	[223A6.000]	03.01-	113338	14 65		03.01-	112379	12 1.8	MA
		03.01-	113943	14 100		03.01-	114321	12 2.0	BO
Doblo 1.9 JTD	[182B9.000]	10.01-	113943	14 100		10.01-	113931	12 1.7	
						10.01-	113430	12 1.8	
	[223A7.000]	07.03-	113943	14 100		07.03-	113931	12 1.7	
						10.01- 01.02	113430	12 1.8	
	[223B1.000]	07.03-	113943	14 100		07.03-	113931	12 1.7	
						10.01- 01.02	113430	12 1.8	
	[223B2.000]	10.01-	113943	14 100		10.01-	113931	12 1.7	



Doblo 1.9 Multijet	[186A9.000]	10.05-	113943	14 100		10.05-	113931	12 1.7
Doblo 2.0 Multijet	[263A1.000]	02.10-	114493	14 100		02.10-	115717	12 1.7
		02.10-	115429	14 120		02.10-	116045	12 1.4
Doblo Combi 1.3 Multijet	[263A6.000]	03.15-	113721	14 75 A49		03.15-	113719	12 1.3
		03.15-	113722	14 90		03.15-	115869	12 1.3
		03.15-	114451	14 105		A25 03.15-	115400	12 1.4
		03.15-	115346	14 120				
		03.15-	115667	14 120				
		03.15-	115852	14 105				
		03.15-	115963	14 90				
		03.15-	116330*	14 75				
Ducato 1.8	[169B]					01.82- 12.90	110793	12 0.9
						01.82- 12.90	111066	12 1.05
	[XM7T]					07.82- 12.88	111066	12 1.05
Ducato 1.9 Diesel	[149B1.000]	01.88- 03.94	110912	14 55		01.88- 03.94	116327	12 2.2
						01.88- 03.94	111421	12 2.2 A49
	[230A2.000]	03.94- 04.02	111802	14 75		03.94- 04.02	116327	12 2.2 A49
						03.94- 04.02	111421	12 2.2 A49
	[D9B]	04.98- 04.02	112298	14 80		04.98- 04.02	111070	12 1.7
	[D9B (XUD9A)]	04.98- 04.02	112298	14 80		04.98- 04.02	111070	12 1.7
	[DJY]	04.98-	112230	14 80		04.98- 04.02	111070	12 1.7
		04.98-	112298	14 80				
Ducato 1.9 Diesel Combinato	[230A2.000]	06.95-	111802	14 75		06.95- 04.02	116327	12 2.2
						06.95-	111421	12 2.2 A49
Ducato 1.9 Diesel Panorama	[149B1.000]	02.87- 08.90	110890	14 55		02.87- 03.94	111421	12 2.2 A49
		02.87- 03.94	110912	14 55		02.87- 03.94	116327	12 2.2
		02.87- 08.90	111686	14 65				
		07.90- 03.94	111418	14 60				
		07.90- 03.94	115873	14 55 A49				
Ducato 1.9 TD	[230A3.000]	03.94-	111802	14 75		03.94-	111421	12 2.2 A49
						03.94- 04.02	116327	12 2.2
	[230A4.000]	08.94-	111802	14 75		08.94- 04.02	116327	12 2.2
						08.94-	111421	12 2.2 A49
	[280A1.000]	03.89- 03.94	110890	14 55		03.89- 03.94	111421	12 2.2 A49
		03.89- 03.94	110912	14 55		03.89- 03.94	116327	12 2.2
		03.89- 03.94	111418	14 60				
		03.89- 03.94	111686	14 65				
		03.89- 03.94	115873	14 55 A49				
		01.90- 01.94	113187	14 85				
	[DHX (XUD9TF/L)]	04.98-	111723	14 70		04.98-	111070	12 1.7
		04.98-	112230	14 80		04.98- 04.02	114460	12 1.4
		04.98-	112298	14 80				
Ducato 1.9 TD Panorama	[280A1.000]	03.89- 03.94	110890	14 55		03.89- 03.94	111421	12 2.2 A49
		03.89- 08.90	110912	14 55		03.89- 03.94	116327	12 2.2
		03.89- 03.94	111686	14 65				
		01.90- 03.94	113187	14 85				
		07.90- 03.94	111418	14 60				
		07.90- 03.94	115873	14 55 A49				
Ducato 2.0	[170B]					07.85- 02.94	111066	12 1.05
	[170D]					08.88- 03.94	111066	12 1.05
	[RFL]	04.02- 07.06	112298	14 80		04.02- 07.06	111130	12 1.1
		04.02-	112299	14 95		04.02- 07.06	113443	12 1.4
		04.02- 07.06	112772	14 120				
	[RFW (XU10J2U)]	03.94-	112298	14 80		03.94- 03.95	111130	12 1.1
		03.94-	112299	14 95		A13 03.94- 04.02	113443	12 1.4
		AC 03.94- 04.02	112772	14 120				
		AC 06.98-	112299	14 95				
	[XN1T]					01.82- 02.94	111066	12 1.05
Ducato 2.0 Panorama	[170B]					01.86- 08.90	111066	12 1.05
	[170D]					09.88- 02.94	111066	12 1.05
	[XN1T]					07.82- 05.85	111066	12 1.05
Ducato 2.0 BioPower Bipower	[RFL]	04.02-	112772	14 120		04.02-	113443	12 1.4
						04.02-	111130	12 1.1
Ducato 2.0 JTD	[RHV (DW10)]	07.01- 04.02	112480	14 90		04.02-	111070	12 1.7
		07.01- 04.02	113503	14 120		07.01- 04.02	114460	12 1.4
		10.01-	112461	14 150				
		10.01- 04.02	113640	14 150				
		10.01- 04.02	113946	14 90				
		04.02-	112460	14 150				
		AC 10.01-	113503	14 120				
		AC 10.01- 04.02	113640	14 150				
Ducato 2.0 Multijet 115	[250A1.000]	06.11-	114493	14 100		06.11-	116045	12 1.4
		06.11-	115429	14 120		06.11-	115717	12 1.7
Ducato 2.2 Multijet	[4HV]	07.06-	113958	14 150		07.06-	113959	12 2.0
		07.06-	115499	14 150 A49		07.06-	115510	12 2.0 A49
Ducato 2.3 JTD	[F1AE0481C]	04.02-	113279	14 110		04.02-	113935	12 2.5
		04.02-	114765	14 140		01.05-	115501	12 2.5 A49
						04.02-	112436	12 2.3
	[F1AE0481T]	12.09-	114306	14 180		12.09-	115501	12 2.5 A49
						12.09-	113935	12 2.5
Ducato 2.3 Multijet	[F1AE0481D]	03.06-	113279	14 110		07.06-	114833	12 1.7
		07.06-	114306	14 180		03.06-	115516	12 2.5 A49
		07.06-	114765	14 140	M38 Transmission type	03.06-	114054	12 2.5
		07.06-	115955	14 150		07.06-	114145	12 2.3 DR
		07.06-	116176	14 110				
		01.07-	115455	14 150				
		01.07-	116321	14 150				
	[F1AE0481N]	01.07-	113279	14 110	M38 Transmission type	01.07-	114054	12 2.5
		01.07-	114306	14 180		01.07-	114145	12 2.3 DR
		01.07-	114765	14 140		01.07-	115516	12 2.5 A49
		01.07-	115455	14 150				
		01.07-	115955	14 150				
		01.07-	116176	14 110				
		01.07-	116321	14 150				



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	[F1AE3481D]		01.07-113279 14 110	M38 Transmission type	01.07-114054 12 2.5	
			01.07-114306 14 180		01.07-114145 12 2.3	DR
			01.07-114765 14 140		01.07-114833 12 1.7	
			01.07-115455 14 150		01.07-115516 12 2.5	A49
			01.07-115955 14 150			
			01.07-116176 14 110			
			01.07-116321 14 150			
	[F1AE3481E]		04.15-115455 14 150		04.15-114054 12 2.5	
			04.15-116176 14 110		04.15-114833 12 1.7	
			04.15-116321 14 150		04.15-115516 12 2.5	A49
	[F1AE3481G]		08.06-114306 14 180		08.06-114054 12 2.5	
			08.06-115455 14 150 A49		08.06-114833 12 1.7	
			08.06-116176 14 110		08.06-115516 12 2.5	A49
			08.06-116321 14 150 A49			
Ducato 2.3 Multijet 150	[F1AE3481E]		06.11-114306 14 180		06.11-115516 12 2.5	A49
			06.11-115455 14 150		06.11-114054 12 2.5	
			06.11-116176 14 110		06.11-114833 12 1.7	
			06.11-116321 14 150			
	[F1AGL411C]		12.15-115455 14 150 A49		12.15-114054 12 2.5	
			12.15-116176 14 110		12.15-114833 12 1.7	
			12.15-116321 14 150		12.15-115516 12 2.5	A49
Ducato 2.3 Multijet 180	[F1AGL411B]		12.15-115455 14 150			
			12.15-116176 14 110			
			12.15-116321 14 150			
Ducato 2.3 Multijet 4x4	[F1AE0481N]		06.11-114306 14 180		06.11-114833 12 1.7	
			06.11-115455 14 150		06.11-115516 12 2.5	
			06.11-116176 14 110		06.11-114054 12 2.5	
			06.11-116321 14 150			
	[F1AE3481D]		06.11-114306 14 180		06.11-114054 12 2.5	
			06.11-115455 14 150		06.11-114833 12 1.7	
			06.11-116176 14 110		06.11-115516 12 2.5	
			06.11-116321 14 150			
	[F1AGL411A]		04.15-115455 14 150		04.15-114054 12 2.5	
			04.15-116321 14 150		04.15-115516 12 2.5	
	[F1AGL411C]		04.15-115455 14 150		04.15-114054 12 2.5	
			04.15-116321 14 150		04.15-115516 12 2.5	
	[F1AGL411D]		06.11-114306 14 180		06.11-114054 12 2.5	
			06.11-115455 14 150		06.11-114833 12 1.7	
			06.11-116176 14 110		06.11-115516 12 2.5	
			06.11-116321 14 150			
	[F1AGL411M]		06.11-114306 14 180		06.11-114054 12 2.5	
			06.11-115455 14 150		06.11-114833 12 1.7	
			06.11-116176 14 110		06.11-115516 12 2.5	
			06.11-116321 14 150			
Ducato 2.4 Diesel	[8144.61]		01.82-12.85 110882 14 45			
			01.82-12.85 110890 14 55			
			01.82-12.85 111686 14 65			
Ducato 2.4 Diesel Panorama	[8144.61]		07.82-12.85 110882 14 45			
			07.82-12.85 110890 14 55			
			07.82-12.85 111686 14 65			
Ducato 2.4 TD 4x4	[8144.21]		01.86-08.90 110890 14 55		01.86-08.90 113846 12 2.2	
Ducato 2.5 Diesel	[8140.67]		03.94-111498 14 110		03.94-04.02 113451 12 2.2	
			03.94-04.02 112681 14 80			
		Eng. -2976897	03.94-111498 14 110			
		Eng. -2976897	03.94-112681 14 80			
		AC	03.94-111498 14 110			
	[8144.67]		01.86-08.90 110882 14 45		07.82-08.90 113846 12 2.2	
			01.86-03.94 110890 14 55			
			01.86-03.94 111686 14 65			
	[CRD93L]				01.82-08.90 113846 12 2.2	
Ducato 2.5 Diesel 4x4	[8140.67]		03.94-04.02 111498 14 110		03.94-04.02 112026 12 2.6	
			03.94-04.02 112681 14 80	Chas. -5546596	03.94-04.02 113451 12 2.2	
		Eng. -2976897	03.94-111498 14 110			
		Eng. -2976897	03.94-112681 14 80			
	[8144.67]		03.89-08.90 110890 14 55		03.89-03.94 113846 12 2.2	
			03.89-03.94 111418 14 60			
			03.89-08.90 111686 14 65			
			03.89-03.94 115873 14 55 A49			
Ducato 2.5 Diesel Panorama	[8144.67]		01.86-03.94 110890 14 55			
			01.86-03.94 111686 14 65			
Ducato 2.5 Diesel Panorama 4x4	[8144.67]		01.87-03.94 110890 14 55			
			01.87-03.94 111686 14 65			
Ducato 2.5 TD	[8140.27]		07.90-03.94 110890 14 55		07.90-03.94 113846 12 2.2	
			07.90-03.94 111686 14 65			
	[8144.21]		01.86-08.90 110882 14 45		01.86-08.90 113846 12 2.2	
			01.86-08.90 110890 14 55			
			01.86-08.90 111686 14 65			
Ducato 2.5 TD 4x4	[8140.27]		07.90-03.94 110890 14 55		07.90-03.94 113846 12 2.2	
			07.90-03.94 111418 14 60			
			07.90-03.94 111686 14 65			
			07.90-03.94 115873 14 55 A49			
Ducato 2.5 TD Panorama	[8140.27]		08.90-03.94 110890 14 55		08.90-03.94 113846 12 2.2	
			08.90-03.94 111686 14 65			
	[8144.21]		01.87-08.90 110890 14 55		01.87-08.90 113846 12 2.2	
			01.87-08.90 111686 14 65			
Ducato 2.5 TD Panorama 4x4	[8140.27]		01.91-03.94 110890 14 55		01.91-03.94 113846 12 2.2	
			01.91-03.94 111686 14 65			
	[8144.21]		01.86-08.90 110890 14 55		01.86-08.90 113846 12 2.2	
			01.86-08.90 111686 14 65			
Ducato 2.5 TDi	[8140.47]		Eng. -2976897 03.94-111498 14 110		03.00-04.02 112436 12 2.3	
			Eng. -2976897 03.94-112681 14 80		03.94-113451 12 2.2	
	[8140.47R]		03.94-04.02 112681 14 80		03.94-04.02 113451 12 2.2	
			Eng. -2976897 03.94-04.02 111498 14 110			
			Eng. -2976897 03.94-04.02 112681 14 80			
			AC 03.94-12.99 111498 14 110			
Ducato 2.5 TDi 4x4	[8140.47]		Eng. -2976897 03.94-04.02 111498 14 110		03.00-04.02 112026 12 2.6	
			Eng. -2976897 03.94-04.02 112681 14 80	Chas. -5546596	03.94-04.02 113451 12 2.2	



Ducato 2.5 TDI Maxi	[8140.47]	Eng. -2976897 03.94- Eng. -2976897 03.94-	111498 14 110 112681 14 80	03.94-	113451 12 2.2
Ducato 2.8 Diesel	[8140.63]	02.98- 04.02 Eng. -2976897 02.98- Eng. -2976897 02.98-	114684 14 120 111498 14 110 112681 14 80	02.98- 02.98-	112436 12 2.3 112026 12 2.6
Ducato 2.8 Diesel 4x4	[8140.63]	08.98- 08.98- 08.98- 04.02	111498 14 110 112681 14 80 114684 14 120	08.98-	112436 12 2.3
Ducato 2.8 JTD	[8140.43N]	05.04- 05.04- 05.04-	113247 14 120 113950 14 90 114680 14 150	05.04- 05.04- 05.04-	112436 12 2.3 113935 12 2.5 115501 12 2.5 A49
	[8140.43S]	11.00- 11.00- 04.02 11.00- 04.02	113247 14 120 113950 14 90 114680 14 150	04.02- 01.05- 11.00-	113935 12 2.5 115501 12 2.5 A49 112436 12 2.3
Ducato 2.8 JTD 4x4	[8140.43S]	11.00- 04.02 11.00- 04.02 11.00- 04.02	113247 14 120 113950 14 90 114680 14 150	01.05- 10.01- 04.02 11.00- 04.02	115501 12 2.5 A49 112026 12 2.6 112436 12 2.3 113935 12 2.5
Ducato 2.8 TDI	[8140.43]	10.97- 04.02 Eng. -2976897 10.97- Eng. -2976897 10.97-	114684 14 120 111498 14 110 112681 14 80	10.97- 03.00 10.97- 10.97- 03.02	113451 12 2.2 112026 12 2.6 112436 12 2.3
Ducato 2.8 TDI 4x4	[8140.43]	06.99- 04.02 07.99- 07.99- Eng. -2976897 10.97- Eng. -2976897 10.97-	114684 14 120 111498 14 110 112681 14 80 111498 14 110 112681 14 80	07.99- 03.02 07.99-	112436 12 2.3 112026 12 2.6
Ducato 3.0 140 Natural Power M90	[F1CE0441A]	04.09- 04.09- 04.09- 04.09-	114082 14 180 A49 114705 14 140 115490 14 140 A49 116043 14 180	04.09- 04.09-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 Diesel 140 Natural Power	[F1CE0441A]	04.09- 04.09- 04.09- 04.09-	114082 14 180 A49 114705 14 140 115490 14 140 A49 116043 14 180	04.09- 04.09-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 JTD 160 Multijet Power	[F1CE0481D]	07.06- 07.06- 07.06- 07.06- 07.06-	114082 14 180 A49 114705 14 140 115452 14 150 115490 14 140 A49 116043 14 180	07.06- 07.06-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 JTD Multijet Power	[F1CE0481D]	07.06- 07.06- 07.06- 07.06- 07.06-	114082 14 180 A49 114705 14 140 115452 14 150 115490 14 140 A49 116043 14 180	07.06- 07.06-	114054 12 2.5 115516 12 2.5 A49
	[F1CE3481M]	07.06- 07.06- 07.06- 07.06- 07.06-	114082 14 180 A49 114705 14 140 115452 14 150 115490 14 140 A49 116043 14 180	07.06- 07.06-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 Multijet	[F1CE3481E]	06.11- 06.11- 06.11- 06.11-	114082 14 180 A49 115458 14 150 116043 14 180 116177 14 150	06.11- 06.11-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 Multijet 140	[F1CE3481N]	07.06- 07.14 07.06- 07.14	114705 14 140 116043 14 180	07.06- 07.14	114054 12 2.5
Ducato 3.0 Multijet 150	[F1CE3481N]	04.10- 04.10- 04.10- 04.10-	114082 14 180 A49 114705 14 140 115452 14 150 115490 14 140 A49 116043 14 180	04.10- 04.10-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 Multijet 160	[F1CE3481M]	07.06- 07.06- 07.06- 07.06- 07.06-	114082 14 180 A49 114705 14 140 115452 14 150 115490 14 140 A49 116043 14 180	07.06- 07.06-	114054 12 2.5 115516 12 2.5 A49
Ducato 3.0 Multijet 4x4	[F1CE0481D]	07.06- 07.06- 07.06- 07.06- 07.06- 07.06- 07.06-	114082 14 180 114705 14 140 114802 14 60 115452 14 150 115490 14 140 116043 14 180 116200* 14 110	07.06- 07.06-	114054 12 2.5 115516 12 2.5
	[F1CE3481M]	07.06- 07.06- 07.06- 07.06- 07.06- 07.06- 07.06-	114082 14 180 114705 14 140 114802 14 60 115452 14 150 115490 14 140 116043 14 180 116200* 14 110	07.06- 07.06-	114054 12 2.5 115516 12 2.5
Ducato 3.0 Natural Power	[F1CE0441A]	04.09- 04.09-	114705 14 140 115490 14 140 A49	04.09- 04.09-	114054 12 2.5 115516 12 2.5 A49
Ducato Bus 3.0 Multijet 140	[F1CE3481N]	07.06- 07.14 07.06- 07.14	114705 14 140 116043 14 180	07.06- 07.14	114054 12 2.5
Duna 1.1	[146A6.000]	01.87- 12.91	111035 14 65		
Duna 1.3	[146A5.000]	01.87- 12.91	111035 14 65		
Duna 1.7 Diesel DS	[149B3.000]	01.86- 12.91	110912 14 55	01.87- 12.91	111619 12 1.7
Elba 1.3	[127A2.011]	04.86- 12.93	111035 14 65		
Elba 1.3 Diesel	[127A5.000]	04.86- 10.92	111035 14 65		
Elba 1.5	[149C1.000]	01.92- 12.96	111148 14 65		
	[149C3.000]	01.92- 12.96	111035 14 65		
Elba 1.7 Diesel	[146B2.000]	04.89- 12.96 04.89- 12.96	112719 14 55 A49 116331 14 55		
Fiorino 0.9	[100GL.000]	10.77- 10.81	111078 14 45	10.77- 03.81	110365 12 0.8
Fiorino 1.0	[127A.000]	01.78- 12.87 Eng. 1366252- 10.82- 10.87	111035 14 65 111035 14 65		
Fiorino 1.05	[127A.000]	01.80- 12.87	111180 14 33 116133 14 33 A49		

STARTERS & ALTERNATORS



Application list

FIAT Continued

Fiorino 1.1	[146A9.000]	Eng. 3319637-	11.86- 12.93	111035	14 65				
	[156A.000]	Eng. 3319637-	09.87- 12.88	111035	14 65				
Fiorino 1.2 Multijet	[225A2.000]		03.15-	115852	14 105		03.15- 03.15- 03.15-	115869 113719 115400	12 1.3 A49 12 1.3 12 1.4
Fiorino 1.3	[146A5.000]		09.93- 12.01	111035	14 65				
		Eng. 3319637-	12.87- 08.93	111035	14 65				
		Chas. 3319637-	01.88- 08.93	111035	14 65				
			01.07-	113575	14 80				
Fiorino 1.3 Multijet	[199A2.000]		11.07-	113721	14 75 A49		11.07-	113719	12 1.3
			11.07-	115384	14 120		11.07-	115869	12 1.3 A49
			11.07-	115667	14 120		A25 11.07-	115400	12 1.4
			11.07-	115668	14 90				
			11.07-	116330*	14 75				
		AC	11.07-	113722	14 90 A49				
		AC	11.07-	115963	14 90				
	[199A9.000]		11.07-	113721	14 75 A49		11.07-	113719	12 1.3
			11.07-	113722	14 90 A49		A25 11.07-	115400	12 1.4
			11.07-	115384	14 120		11.07-	115869	12 1.3 A49
			11.07-	115667	14 120				
			11.07-	115668	14 90				
			11.07-	115963	14 90				
			11.07-	116330*	14 75				
	[199B1.000]		10.09-	115346	14 120		A25 10.09-	115400	12 1.4
			10.09-	115852	14 105				
			01.07-	115963	14 90				
			01.07-	113722	14 90 A49				
Fiorino 1.3 Multijet QUBO	[199A2.000]		02.08-	113721	14 75 A49		02.08-	115869	12 1.3 A49
			02.08-	115346	14 120 ND		02.08-	113719	12 1.3
			02.08-	115384	14 120				
			02.08-	115667	14 120				
			02.08-	115668	14 90				
			02.08-	116330*	14 75				
		AC	02.08-	113722	14 90 A49				
		AC	02.08-	115963	14 90				
Fiorino 1.4	[350A1.000]		10.09-	113718	14 70		10.09-	116306	12 1.2 Reman. Starter
							10.09-	110584	12 1.2
	[KFT]		11.07-	113575	14 80		11.07-	116306	12 1.2 Reman. Starter
							11.07-	110584	12 1.2
							11.07-	111994	12 0.7
	[KVF]		11.07-	113575	14 80		11.07-	116306	12 1.2 Reman. Starter
							11.07-	110584	12 1.2
							11.07-	111994	12 0.7
Fiorino 1.4 QUBO	[KFT]		02.08-	113575	14 80		02.08-	116306	12 1.2 Reman. Starter
							02.08-	110584	12 1.2
							02.08-	111994	12 0.7
	[KVF]		02.08-	113575	14 80		02.08-	116306	12 1.2 Reman. Starter
							02.08-	110584	12 1.2
							02.08-	111994	12 0.7
Fiorino 1.4 Natural Power	[350A1.000]		06.08-	113718	14 70		01.10-	113962	12 0.9
							06.08-	113962	12 0.9
Fiorino 1.5	[149C1.000]		01.88- 08.93	111035	14 65				
			01.88- 08.93	111148	14 65				
Fiorino 1.5 i.e.	[149C1.000]		05.88- 12.93	111035	14 65				
			05.88- 12.93	111148	14 65				
Fiorino 1.7 Diesel	[146B2.000]		05.88- 12.97	112719	14 55 A49		05.88- 12.97	111619	12 1.7
			05.88- 10.99	116331	14 55		09.93- 12.01	113752	12 1.8
	[149B2.000]		01.88-	112719	14 55 A49		01.88- 10.91	111619	12 1.7
			01.88- 10.93	116331	14 55				
	[149B3.000]		12.87- 12.91	110912	14 55		12.87- 10.91	111619	12 1.7
			12.87- 12.93	112719	14 55 A49				
			12.87- 05.00	116331	14 55				
Fiorino 1.7 TD	[146D7.000]		01.97-	110912	14 55 ▲		01.97- 05.01	113752	12 1.8
			01.97- 05.01	111568	14 85		01.97- 05.01	111619	12 1.7
			01.97- 05.01	112719	14 55 A49				
			01.97- 05.01	116331	14 55				
Freemont 2.0 JTD	[939B5.000]		08.11-	115679	14 130				
	[940A5.000]		08.11-	115679	14 130				
Freemont 2.0 JTD 4x4	[939B5.000]		08.11-	115679	14 130				
Grande 1.3 Multijet	[199A2.000]		02.06- 06.13	113722	14 90		02.06- 06.13	113719	12 1.3
			02.06- 06.13	114451	14 105		02.06- 06.13	115869	12 1.3
			02.06- 06.13	115622	14 90				
			02.06- 06.13	115963	14 90				
Grande Punto 1.2	[169A4.000]		09.10-	114462	14 70		09.10-	113962	12 0.9
			09.10-	115647	14 90				
	[199A.4000]		10.05-	113718	14 70		10.05-	113962	12 0.9
			10.05-	114462	14 70				
			10.05-	115615	14 105				
			10.05-	115620	14 105				
			10.05-	115647	14 90				
Grande Punto 1.2 LPG	[199A4.000]		07.08-	114462	14 70				
			07.08-	115615	14 105				
			07.08-	115647	14 90				
Grande Punto 1.2 Multijet	[199A2.000]		04.08-	113721	14 75 A49		04.08-	113719	12 1.3
			04.08-	116330*	14 75		04.08-	115869	12 1.3 A49
	[199B2.000]		07.08-	114451	14 105		07.08-	115869	12 1.3 A49
							07.08-	113719	12 1.3



Grande Punto 1.3 Multijet	[199A2.000]	10.05-	113720	14 75	A49	10.05-	115869	12 1.3	A49	
		10.05-	113721	14 75	A49	10.05-	113719	12 1.3		
		10.05-	114451	14 105						
		10.05-	116064	14 75						
		10.05-	116330*	14 75						
		AC 10.05-	113722	14 90	A49					
		AC 10.05-	115963	14 90						
		[199A3.000]	10.05-	113720	14 75	A49	10.05-	113719	12 1.3	
		10.05-	113721	14 75	A49	10.05-	115869	12 1.3	A49	
		10.05-	114451	14 105						
10.05-	116064	14 75								
10.05-	116330*	14 75								
AC 10.05-	113722	14 90	A49							
AC 10.05-	115963	14 90								
[199B4.000]	04.10-	115384	14 120		04.10-	115400	12 1.4			
	04.10-	115667	14 120							
[223A9.000]	04.10-	115384	14 120		04.10-	115400	12 1.4			
	04.10-	115667	14 120							
Grande Punto 1.4	[310A2.011]				04.08-	114123	12 0.8			
	[350A1.000]	10.05-	113718	14 70	10.05-	113962	12 0.9			
		10.05-	114462	14 70						
Grande Punto 1.4 16V	[198A1.000]	09.07-	114806	14 120	09.07-	113962	12 0.9			
		09.07-	115874	14 120	A49					
	[199A6.000]	10.05-	114462	14 70						
Grande Punto 1.4 T-Jet	[198A4.000]	09.07-	114462	14 70	09.07-	113962	12 0.9			
		09.07-	114806	14 120						
		09.07-	115874	14 120	A49					
Grande Punto 1.4 Natural Power	[350A1.000]	07.08-	113718	14 70	07.08-	113962	12 0.9			
		07.08-	114462	14 70						
		07.08-	115615	14 105						
		07.08-	115620	14 105						
Grande Punto 1.4 LPG	[350A1.000]	12.08-	114462	14 70	12.08-	113962	12 0.9			
		03.09-	113718	14 70						
		03.09-	113535	14 85	03.09-	113962	12 0.9			
		03.09-	115615	14 105						
		03.09-	115620	14 105						
Grande Punto 1.6 Multijet	[955A3.000]	07.08-	113996	14 140	07.08-	113931	12 1.7			
		07.08-	114493	14 100						
Grande Punto 1.9 Multijet	[199A5.000]	10.05-	114204	14 120	10.05-	113931	12 1.7			
					10.05-	113430	12 1.8			
	[939A1.000]	10.05-	114204	14 120	10.05-	113931	12 1.7			
					10.05-	113430	12 1.8			
[939A7.000]	06.06-	114493	14 100	06.06-	113931	12 1.7				
Idea 1.2 16V	[188A5.000]	AC 01.04-	113535	14 85	01.04-	113962	12 0.9			
Idea 1.2 Multijet	[199B1.000]	05.08-	113722	14 90	A49	05.08-	115869	12 1.3	A49	
		05.08-	115963	14 90		05.08-	113719	12 1.3		
	A25 05.08-	115346	14 120							
Idea 1.3 JTD	[188A9.000]	01.04-	113721	14 75	A49	01.04-	113719	12 1.3		
		01.04-	116330*	14 75		01.04-	115869	12 1.3	A49	
	AC 01.04-	113722	14 90	A49						
	AC 01.04-	114451	14 105							
	AC 01.04-	115963	14 90							
Idea 1.3 Multijet	[199A3.000]	10.05-	113721	14 75	A49	10.05-	115869	12 1.3	A49	
		10.05-	116330*	14 75		10.05-	113719	12 1.3		
	AC 10.05-	113722	14 90	A49						
	AC 10.05-	114451	14 105							
	AC 10.05-	115963	14 90							
Idea 1.4	[192B2.000]	12.03-	114462	14 70	12.03-	113962	12 0.9			
	[350A1.000]	10.05-	113718	14 70	10.05-	113962	12 0.9			
		10.05-	114462	14 70						
Idea 1.4 16V	[843A1.000]	01.04-	114462	14 70	01.04-	113962	12 0.9			
		AC 01.04-	113535	14 85						
Idea 1.4 LPG	[350A1.000]	03.09-	114462	14 70						
Idea 1.6 Multijet	[350A2.000]	05.08-	114493	14 100	05.08-	113931	12 1.7			
	[350A3.000]	11.08- 12.10	114493	14 100	11.08- 12.10	113931	12 1.7			
		11.08- 12.10	115429	14 120						
Idea 1.9 JTD	[188B2.000]	01.04-	113336	14 120	01.04-	113931	12 1.7			
		01.04-	113943	14 100						
		01.04-	114494	14 90						
Linea 1.3 Multijet	[199A3.000]	06.07-	113721	14 75	A49	06.07-	113843	12 1.1		
		06.07-	115852	14 105						
		06.07-	116330*	14 75						
	AC 06.07-	113722	14 90	A49						
	AC 06.07-	114451	14 105							
AC 06.07-	115963	14 90								
Linea 1.4	[198A1.000]	09.10-	114806	14 120	09.10-	113962	12 0.9			
		09.10-	115874	14 120	A49					
	[350A1.000]	06.07-	113535	14 85	06.07-	113962	12 0.9			
		06.07-	114462	14 70						
		06.07-	115615	14 105						
		06.07-	115647	14 90						
Linea 1.4 T-Jet	[198A4.000]	09.07-	114806	14 120	09.07-	113962	12 0.9			
		09.07-	115874	14 120	A49					
Linea 1.6 Multijet	[198A3.000]	06.09-	113996	14 140	06.09-	113931	12 1.7			
		06.09-	114493	14 100	06.09-	116045	12 1.4			
Marea 1.2 16V	[182B2.000]	AC 10.98-	115476	14 85	10.98-	111422	12 0.8			
Marea 1.4 i 16V	[182A3.000]	09.96-	111413	14 90	09.96-	111420	12 0.9			
Marea 1.6 16V Bipower	[185A3.000]				04.99-	112124	12 0.9			
					11.99- 09.02	112445	12 1.1	A49		
		AC 04.99-	112190	14 90	04.99-	116336*	12 1.1			
[186A4.000]				04.99-	112445	12 1.1	A49			
				04.99-	116336*	12 1.1				
Marea 1.6 16V	[185A3.000]	04.97- 02.99	111689	14 65						
Marea 1.6 i 16V	[182A4.000]	09.96- 02.99	111689	14 65	AT 09.96-	112445	12 1.1	A49		
		03.99-	112190	14 90		112124	12 0.9			
	AC 03.99-	112190	14 90		09.96-	116336*	12 1.1			
Marea 1.8 i 16V	[182A2.000]	09.96-	113939	14 100	09.96-	111685	12 1.4			

STARTERS & ALTERNATORS



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Marea 1.9 JTD	[182B4.000]	04.99-	111409	14	100		04.99-	113430	12	1.8	
		04.99- 01.01	113942	14	100						
		04.99- 01.01	113943	14	100						
Marea 1.9 TD	[186A6.000]	01.01-	111409	14	100		01.01-	113430	12	1.8	
		01.01-	113942	14	100						
		01.01-	113943	14	100						
		AC 01.01-	113336	14	120						
Marea 1.9 TDi	[182A7.000]	09.96-	113939	14	100		09.96-	113430	12	1.8	
	[182A8.000]	09.96-	113939	14	100		09.96-	113430	12	1.8	
	[182B9.000]	09.96-	113939	14	100		09.96-	113430	12	1.8	
Marea 2.0 20V	[182A1.000]	09.96-	113939	14	100		09.96-	113430	12	1.8	
	[182B7.000]						09.96-	111685	12	1.4	
	[185A8.000]						04.99-	111685	12	1.4	
Marea 2.0 i 20V	[182A1.000]						01.01-	111685	12	1.4	
	[182B7.000]						09.96-	111685	12	1.4	
	[182B7.000]						04.99-	111685	12	1.4	
Marea 2.4 JTD	[185A6.000]						03.99-	113430	12	1.8	
	[839A5.000]						03.99-	113430	12	1.8	
Marea 2.4 TD	[185A2.000]	09.96- 04.99	113942	14	100						
		AC 09.96-	111409	14	100						
Marengo 1.9 Diesel	[160A7.000]	01.93- 12.96	113187	14	85						
Marengo 1.9 JTD	[182B4.000]						03.99- 09.02	113430	12	1.8	
	[186A6.000]	08.00- 09.02	113943	14	100		08.00- 09.02	113430	12	1.8	
Marengo 1.9 TD	[182A7.000]						01.97- 02.99	113430	12	1.8	
	[182A8.000]						03.99- 09.02	113430	12	1.8	
Multipla 1.6 16V Bipower	[186A4.000]	04.99-	112190	14	90		04.99-	112445	12	1.1 A49	
		AC 04.99-	112190	14	90		04.99- 06.10	116336*	12	1.1	
Multipla 1.6 16V	[182A4.000]	04.99-	112190	14	90		04.99-	112445	12	1.1 A49	
		AC 04.99-	112190	14	90		04.99- 06.10	116336*	12	1.1	
Multipla 1.6 16V Bipower	[182B6.000]	10.01-	112190	14	90		10.01-	112445	12	1.1 A49	
		AC 10.01-	112190	14	90		10.01- 06.10	116336*	12	1.1	
Multipla 1.6 16V GPL	[182B6.000]	10.01- 06.10	112190	14	90		10.01- 06.10	116336*	12	1.1	
							10.01- 06.10	112445	12	1.1 A49	
							10.01- 06.10	114035	12	1.3	
							04.02-	112445	12	1.1 A49	
Multipla 1.6 16V Blupower	[182B6.000]	04.02- 12.10	112190	14	90		04.02- 06.10	116336*	12	1.1	
	[186A3.000]	04.99-	112190	14	90		04.99-	112445	12	1.1 A49	
		AC 04.99-	112190	14	90		04.99- 06.10	116336*	12	1.1	
Multipla 1.9 JTD	[182B4.000]	04.99-	111409	14	100		04.99-	113430	12	1.8	
		04.99-	113942	14	100						
		04.99-	113943	14	100						
	[186A6.000]	03.01-	111409	14	100		03.01-	113430	12	1.8	
		03.01- 07.02	113942	14	100						
		03.01- 07.02	113943	14	100						
		AC 03.01-	113336	14	120						
	[186A8.000]	07.02-	113943	14	100		07.02-	113430	12	1.8	
	[186A9.000]	04.02-	113943	14	100		04.02-	113931	12	1.7	
Palio 1.0	[178A1.000]	04.96-	111416	14	65 ▲		04.96-	114123	12	0.8	
		ACPS 04.96-	111416	14	65		04.96-	111025	12	0.8	
Palio 1.2	[176A8.000]	06.98-	111411	14	75		06.98-	112382	12	0.8	
		06.98-	111505	14	75		06.98-	114123	12	0.8	
		06.98-	113537	14	65						
	[178B5.000]	04.96- 02.01	111411	14	75 ▲		04.96- 02.01	114123	12	0.8	
		04.96-	111416	14	65 ▲		06.98- 09.01	112382	12	0.8	
		09.97- 09.01	114899	14	70						
		06.98-	111505	14	75						
		06.98-	113537	14	65						
		PS 04.96-	111416	14	65						
		PS 04.96- 02.01	113537	14	65						
		ACPS 04.96- 02.01	111505	14	75						
		AC 04.96-	111568	14	85						
		[178C4.066]	02.01-	111505	14	75		02.01-	112382	12	0.8
			02.01-	113537	14	65					
	[178E2.000]	01.97- 12.02	111411	14	75		06.98- 10.02	114123	12	0.8	
		PS 01.97- 12.02	113537	14	65		06.98-	112382	12	0.8	
		ACPS 01.97- 12.02	111505	14	75						
	[188A4.000]	PS 02.01- 09.01	113537	14	65		02.01- 09.01	112382	12	0.8	
		AC 02.01- 09.01	111505	14	75						
Palio 1.2 Biopower	[178E9.011]						01.04- 12.05	114123	12	0.8	
Palio 1.2 Flexfuel	[188A4.000]	07.97- 08.02	113718	14	70						
Palio 1.2 LPG	[188A4.000]	07.97- 08.02	113718	14	70						
Palio 1.4	[178B2.000]	04.96-	111689	14	65 ▲		04.96- 05.99	112124	12	0.9	
	[178B2.016]	04.96-	111689	14	65 ▲		04.96- 05.99	112124	12	0.9	
Palio 1.5	[178A5.011]	04.96- 06.98	111416	14	65 ▲						
Palio 1.6 16V	[178B3.000]	04.96-	111689	14	65		04.96-	112124	12	0.9	
		04.96-	112190	14	90		04.96-	112455	12	1.4	
		AC 11.99-	112190	14	90						
		[182B6.000]	02.01-	111689	14	65		02.01-	112445	12	1.1 A49
		AC 02.01-	112190	14	90		02.01-	116336*	12	1.1	
Palio 1.7 TD	[176A3.000]	04.96-	111416	14	65		04.96- 03.01	111619	12	1.7	
		AC 04.96-	111568	14	85						
Palio 1.9 Diesel	[223A6.000]	03.01-	113338	14	65		03.01-	114321	12	2.0 BO	
							03.01-	112379	12	1.8 MA	
Panda 0.7 650	[141A.000]	01.82-	110882	14	45						
Panda 0.8	[100GL6000]	02.81- 12.85	111078	14	45		02.81- 12.85	110365	12	0.8	
	[141B.000]	01.86- 07.92	111078	14	45		01.86- 01.95	111025	12	0.8	
							01.86- 01.95	110365	12	0.8	
		[156A4.000]	01.86- 12.92	111036	14	45		01.86- 12.97	111025	12	0.8
	[156A4.048]						01.95- 12.97	111025	12	0.8	
Panda 0.9	[100GL.3000]	09.82- 12.85	111078	14	45		09.82- 12.85	110365	12	0.8	
	[1170A1.046]	04.92- 10.96	111078	14	45		04.92- 09.03	111585	12	0.8	
		10.96- 09.03	111687	14	55						
		[146A.000]					09.86-	110365	12	0.8	
		[312A2.000]	02.12-	115457	14	120		02.12-	116024	12	1.1
	[312A5.000]	12.13-	115457	14	120		12.13-	116024	12	1.1	
Panda 0.9 4x4	[312A2.000]	09.12-	115457	14	120		09.12-	116024	12	1.1	



	[312A7.000]	06.14-	115457	14	120	06.14-	116024	12	1.1
Panda 0.9 CNG	[312A2.000]	07.12-	114806	14	120	07.12-	116024	12	1.1
		07.12-	115457	14	120				
Panda 0.9 Natural Power	[312A2.000]	01.15-	114806	14	120	01.15-	116024	12	1.1
		01.15-	115874	14	120 A49				
Panda 1.0	[156A.3000]	01.85- 12.92	113533	14	65	09.86- 12.92	111025	12	0.8
		07.90- 12.92	113471	14	65				
	[156A2.100]	03.89- 06.90	111036	14	45	01.86- 04.92	111025	12	0.8
	[156A3.100]	03.89- 06.90	111036	14	45	01.86- 02.92	111025	12	0.8
	[312A4.000]	02.12-	115457	14	120	02.12-	116024	12	1.1
	[A112B1.054]	09.82- 08.83	111078	14	45	09.82- 08.83	110365	12	0.8
Panda 1.0 4x4	[156A2.100]	03.89- 06.90	111036	14	45	01.86- 06.90	111025	12	0.8
	[156A3.000]					01.86- 12.92	111025	12	0.8
	[156A3.100]	03.89- 06.90	111036	14	45	01.86- 06.90	111025	12	0.8
	[A112B1.054]	09.83- 12.85	111078	14	45	09.83- 12.85	110365	12	0.8
Panda 1.0 i.e.	[141C2.000]	10.87- 08.98	113533	14	65	10.87- 08.98	114123	12	0.8
		01.95- 09.03	113471	14	65 ▲	01.95- 03.97	111025	12	0.8
	[156A2.246]	10.87- 02.04	113533	14	65	10.87- 03.97	111025	12	0.8
		07.90- 03.97	111036	14	45	10.87- 08.98	114123	12	0.8
		07.90- 03.97	113471	14	65 ▲				
Panda 1.0 i.e. 4x4	[141C2.000]	01.95- 09.03	113471	14	65	05.86- 12.94	114123	12	0.8
						05.86- 12.94	111025	12	0.8
	[156A2.246]					10.87- 05.91	111025	12	0.8
	[176B2.000]	02.95-	113471	14	65 ▲	02.95-	111025	12	0.8
		02.95- 07.04	113533	14	65	02.95- 07.04	114123	12	0.8
Panda 1.1	[187A.1000]	09.03-	111411	14	75	09.03-	113962	12	0.9
		Eng. -2533528 09.03-	114899	14	70				
		Eng. 2533528- 09.03-	114462	14	70				
		AC 09.03-	113718	14	70				
	[187A1.000]	09.04-	113535	14	85	09.04-	114123	12	0.8
		09.04-	114462	14	70	09.04-	113962	12	0.9
		09.04-	114899	14	70				
Panda 1.1 4x4 trekking	[156C.046]	10.91-	113471	14	65 ▲	10.91- 09.97	111025	12	0.8
		10.91- 07.04	113533	14	65	10.91- 07.04	114123	12	0.8
Panda 1.1 Selecta	[156C.046]	05.91- 12.99	113533	14	65	05.91- 12.99	114123	12	0.8
		01.95- 09.03	113471	14	65 ▲	03.92- 09.97	111025	12	0.8
	[176B2.000]	02.95-	113471	14	65 ▲	AT 02.95-	111025	12	0.8
		02.95- 09.03	113533	14	65	02.95- 09.03	114123	12	0.8
	[187A1.000]	02.95- 09.03	113533	14	65	02.95- 09.03	114123	12	0.8
Panda 1.2	[169A4.000]	09.10-	113535	14	85	09.10-	113962	12	0.9
		02.12-	114706	14	120				
	[188A.4000]	09.03-	111411	14	75	09.03-	113962	12	0.9
		Eng. -2533528 09.03-	114899	14	70				
		Eng. 2533528- 09.03-	114462	14	70				
		AC 09.03-	113718	14	70				
	[188A4.000]	09.04-	114899	14	70	09.04-	113962	12	0.9
		AC 09.04-	113535	14	85				
		AC 09.04-	113718	14	70				
Panda 1.2 4x4	[169A4.000]	09.10-	113718	14	70	09.10-	113962	12	0.9
	[188A4.000]	10.04-	111411	14	75	10.04-	113962	12	0.9
		Eng. -2533528 10.04-	114899	14	70				
		Eng. 2533528- 10.04-	114462	14	70				
		AC 10.04-	113535	14	85				
		AC 10.04-	113718	14	70				
Panda 1.2 LPG	[169A4.000]	06.12-	113535	14	85				
		06.12-	113718	14	70				
Panda 1.2 X	[188A4.000]	09.04-	114899	14	70	09.04-	113962	12	0.9
		AC 09.04-	113535	14	85				
		AC 09.04-	113718	14	70				
Panda 1.2 Natural Power	[169A4.000]	03.10-	113535	14	85	03.10-	113962	12	0.9
Panda 1.2 LPG	[169A4.000]	09.10-	113535	14	85	09.10-	113962	12	0.9
Panda 1.2 Bi-Power	[188A4.000]	01.07-	114462	14	70	01.07-	113962	12	0.9
Panda 1.2 Multijet	[169A1.000]	06.06-	113721	14	75 A49	06.06-	113719	12	1.3
		06.06-	113722	14	90 A49	06.06-	115869	12	1.3 A49
		06.06-	115963	14	90				
		06.06-	116330*	14	75				
	[199B1.000]					04.15-	115400	12	1.4
	[225A2.000]					12.15-	115400	12	1.4
	[312A8.000]					12.15-	115400	12	1.4
	[312B1.000]					04.15-	115400	12	1.4
	[312B2.000]					12.15-	115400	12	1.4
	[330A1.000]					04.15-	115400	12	1.4
Panda 1.2 Multijet 4x4	[199B1.000]					04.15-	115400	12	1.4
	[312A8.000]	06.14-	115384	14	120				
		06.14-	115668	14	90				
	[312B1.000]					04.15-	115400	12	1.4
Panda 1.3 16V Multijet 4x4	[169A1.000]	09.03-	113722	14	90	09.03-	113719	12	1.3
		09.03-	115963	14	90	09.03-	115869	12	1.3
	[169A5.000]	09.03-	113722	14	90	09.03-	113719	12	1.3
		09.03-	115963	14	90	09.03-	115869	12	1.3
Panda 1.3 JTD	[169A1.000]	AC 06.06-	113722	14	90 A49				
		AC 06.06-	115963	14	90				
	[188A8.000]	09.03-	113721	14	75 A49	09.03-	115869	12	1.3 A49
		09.03-	116330*	14	75	03.04-	113843	12	1.1
		AC 09.03-	113722	14	90 A49	09.03-	113719	12	1.3
		AC 09.03-	115963	14	90				
	[188A9.000]	09.03-	113721	14	75 A49	09.03-	115869	12	1.3 A49
		09.03-	116330*	14	75	09.03-	113719	12	1.3
		AC 09.03-	113722	14	90 A49				
		AC 09.03-	115963	14	90				
Panda 1.3 JTD 4x4	[188A8.000]	10.04-	113721	14	75 A49	10.04-	115869	12	1.3 A49
		10.04-	116330*	14	75	10.04-	113719	12	1.3
		AC 10.04-	113722	14	90 A49				
		AC 10.04-	115963	14	90				



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	[188A9.000]	10.04- 10.04- AC 10.04- AC 10.04-	113721 116330* 113722 115963	14 75 A49 14 75 14 90 A49 14 90	10.04- 10.04-	115869 113719	12 1.3 A49 12 1.3
Panda 1.3 Multijet	[199A9.000]	02.12- 02.12-	115384 115668	14 120 14 90	02.12-	115400	12 1.4
Panda 1.3 Multijet 4x4	[169A1.000]	01.06- 01.06- AC 01.06- AC 01.06-	113721 116330* 113722 115963	14 75 A49 14 75 14 90 A49 14 90	01.06- 01.06-	115869 113719	12 1.3 A49 12 1.3
	[199A9.000]	06.12- 06.12-	115384 115668	14 120 14 90	06.12- 06.12-	114389 115400	12 1.1 12 1.4
Panda 1.4	[169A3.000]				10.06-	113962	12 0.9
Panda 1.4 BiFuel Natural Power	[350A1.000]	01.10-	113718	14 70	01.10-	113962	12 0.9
Panda 1.4 Diesel Bi-Power / Natural Power	[350A1.000]	01.07-	113718	14 70	01.07-	113962	12 0.9
Panda Van 0.9	[312A2.000]	02.12-	115457	14 120	02.12-	116024	12 1.1
	[312A5.000]	12.13-	115457	14 120	12.13-	116024	12 1.1
Panda Van 0.9 4x4	[312A2.000]	09.12-	115457	14 120	09.12-	116024	12 1.1
Panda Van 0.9 Natural Power	[312A2.000]	07.12- 07.12-	114806 115874	14 120 14 120 A49	07.12-	116024	12 1.1
Panda Van 1.0	[312A4.000]	02.12-	115457	14 120	02.12-	116024	12 1.1
Panda Van 1.2	[169A4.000]	02.12- 02.12-	113535 114462	14 85 14 70	02.12-	113962	12 0.9
Panda Van 1.2 Natural Power	[188A4.000]	01.07- 11.09 01.07- 11.09 01.07- 11.09	113535 113718 114462	14 85 14 70 14 70	01.07- 11.09	113962	12 0.9
Panda Van 1.2 LPG	[169A4.000]	06.12- 06.12-	113535 113718	14 85 14 70	06.12-	113962	12 0.9
	[188A4.000]	04.09- 04.09-	113535 113718	14 85 14 70	04.09-	113962	12 0.9
Panda Van 1.2 Multijet	[199A9.000]	02.12- 02.12-	115384 115668	14 120 14 90	02.12-	115400	12 1.4
	[225A2.000]				12.15-	115400	12 1.4
	[312B2.000]				12.15-	115400	12 1.4
Panda Van 1.2 Multijet 4x4	[188A8.000]	10.04- 10.04-	113722 115963	14 90 A49 14 90	10.04- 10.04-	113719 115869	12 1.3 12 1.3 A49
	[188A9.000]	10.04- 10.04-	113722 115963	14 90 A49 14 90	10.04- 10.04-	113719 115869	12 1.3 12 1.3 A49
	[199A9.000]	06.12- 06.12-	115384 115668	14 120 14 90	06.12-	115400	12 1.4
	[225A2.000]				06.14-	115400	12 1.4
Penny Van 1.1	[146A6.000]	01.86- 12.90	111035	14 65			
Penny Van 1.3	[146A5.000]	01.86- 12.90	111035	14 65			
Penny Van 1.7 Diesel	[149B3.000]	01.86- 12.90	110912	14 55	01.86- 12.90	111619	12 1.7
Punto 0.9	[199B6.000]	07.13-	115457	14 120	07.13-	116024	12 1.1
Punto 0.9 Turbo Twinair Turbo	[312A2.000]	03.12-	115457	14 120	03.12-	116024	12 1.1
Punto 0.9 BiFuel	[312A2.000]	03.12-	115457	14 120	03.12-	116024	12 1.1
Punto 1.1	[176B2.000]	04.96- PS 04.96- ACPS 04.96-	111411 113537 111505	14 75 14 65 14 75	04.96-	111422	12 0.8
Punto 1.1 i.e.	[176A6.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75	01.94-	111422	12 0.8
	[176B2.000]	01.95- PS 01.95- ACPS 01.95-	111411 113537 111505	14 75 14 65 14 75	01.95-	111422	12 0.8
Punto 1.2	[169A4.000]	03.12- 03.12- 03.12- 03.12-	113535 114706 115620 115647	14 85 14 120 14 105 14 90	03.12- A25 03.12-	113962 115312	12 0.9 12 1.1
	[176A7.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75	07.99- 01.94-	112382 111422	12 0.8 12 0.8
	[176A8.000]	01.94- PS 01.94- ACPS 01.94-	111411 113537 111505	14 75 14 65 14 75	07.99- 11.93-	112382 111422	12 0.8 12 0.8
	[176B1.000]	03.94- PS 03.94- ACPS 03.94-	111411 113537 111505	14 75 14 65 14 75	03.94-	111422	12 0.8
	[176B4.000]	05.95- PS 05.95- ACPS 05.95-	111411 113537 111505	14 75 14 65 14 75	05.95-	111422	12 0.8
	[188A4.000]	04.02- 09.99- 04.02 09.99- AC 09.99-	114899 111411 113718 113535	14 70 14 75 14 70 14 85	09.99- 09.99-	111422 112382	12 0.8 12 0.8
	[199B9.000]	02.14- 02.14- 02.14-	113535 113718 114462	14 85 14 70 14 70	02.14-	113962	12 0.9
Punto 1.2 16V	[176B9.000]	04.97- 06.00 ACPS 04.97- 06.00	111411 115476	14 75 14 85	04.97-	111422	12 0.8
	[188A5.000]	09.99- AC 09.99-	113718 113535	14 70 14 85	09.99-	112382	12 0.8
Punto 1.2 BiFuel	[188A4.000]	08.07-	113718	14 70	08.07-	112382	12 0.8
Punto 1.2 Multijet	[199A3.000]	01.10- 02.12 01.10- 02.12	113722 115963	14 90 A49 14 90	01.10- 02.12 01.10- 02.12	113719 115869	12 1.3 12 1.3 A49
	[199B8.000]				12.13-	115400	12 1.4
Punto 1.2 Natural Power	[188A4.000]	09.03- 09.03- AC 09.03-	113718 114899 113535	14 70 14 70 14 85	09.03- 02.05	112382	12 0.8



Punto 1.3 JTD	[188A9.000]	06.03-	113720	14 75	A49	06.03-	113719	12 1.3
		06.03-	113721	14 75	A49	06.03-	115869	12 1.3 A49
		06.03-	116064	14 75				
		06.03-	116330*	14 75				
		AC 06.03- 10.05	113722	14 90	A49			
		AC 06.03- 10.05	114451	14 105				
		AC 06.03- 10.05	115963	14 90				
Punto 1.3 Multijet	[188A9.000]	02.05- 10.09	113721	14 75	A49	02.05- 10.09	113719	12 1.3
		02.05- 10.09	113722	14 90	A49	02.05- 10.09	115869	12 1.3 A49
		02.05- 10.09	114451	14 105				
		02.05- 10.09	115622	14 90				
		02.05- 10.09	115963	14 90				
		02.05- 10.09	116330*	14 75				
	[199A2.000]	03.12-	113721	14 75	A49	03.12-	115869	12 1.3 A49
		03.12-	113722	14 90	A49			
		03.12-	114451	14 105				
		03.12-	115668	14 90				
		03.12-	115963	14 90				
			03.12-	116330*	14 75			
	[199A9.000]	03.12-	113721	14 75	A49	03.12-	115869	12 1.3 A49
		03.12-	113722	14 90	A49	03.12-	113719	12 1.3
		03.12-	114451	14 105				
		03.12-	115668	14 90				
		03.12-	115963	14 90				
			03.12-	116330*	14 75			
[199B1.000]	03.12-	115346	14 120		03.12-	115400	12 1.4	
	03.12-	115852	14 105					
[199B4.000]	03.12-	115384	14 120		03.12-	115400	12 1.4	
	03.12-	115667	14 120					
[955B2.000]		05.16-	115667	14 120	05.16-	115400	12 1.4	
Punto 1.4	[199A7.000]	03.12-	113718	14 70		03.12-	113962	12 0.9
		03.12-	114462	14 70		A25 03.12-	115312	12 1.1
		03.12-	114706	14 120				
		03.12-	115615	14 105				
		03.12-	115620	14 105				
	[350A1.000]	03.12-	113718	14 70		03.12-	113962	12 0.9
		03.12-	114706	14 120		A25 03.12-	115312	12 1.1
		09.03-	113718	14 70		09.03-	113962	12 0.9
	[843A1.000]	03.12-	114706	14 120		A25 03.12-	115312	12 1.1
		03.12-	114706	14 120		03.12-	113962	12 0.9
Punto 1.4 Multi Air	[955A6.000]	03.12-	114706	14 120		A25 03.12-	115312	12 1.1
		03.12-	114706	14 120		03.12-	113962	12 0.9
Punto 1.4 Turbo	[955A2.000]	03.12-	114806	14 120		03.12-	113962	12 0.9
		03.12-	115874	14 120	A49	A25 03.12-	115312	12 1.1
Punto 1.4 Turbo GT	[176A4.000]	AC 01.94-	112780	14 90		01.94-	112124	12 0.9
		09.96- 09.99	111411	14 75		09.96-	112124	12 0.9
		AC 09.96-	112780	14 90				
Punto 1.4 BiFuel	[350A1.000]	03.12-	113535	14 85		03.12-	115312	12 1.1
		03.12-	113535	14 85		03.12-	113962	12 0.9
Punto 1.4 BiFuel Natural Power	[350A1.000]	03.12-	113535	14 85		03.12-	113962	12 0.9
Punto 1.7 Diesel	[176B3.000]	01.93-	111416	14 65		08.93- 09.97	113752	12 1.8
						04.94- 02.00	111619	12 1.7
Punto 1.7 TD	[176A3.000]	01.94-	111416	14 65		01.94-	111619	12 1.7
		AC 01.94-	111568	14 85		08.93- 04.97	113752	12 1.8
	[176A5.000]	01.94-	111416	14 65		01.94- 02.00	111619	12 1.7
		AC 01.94-	111568	14 85		08.93- 08.99	113752	12 1.8
	[176B7.000]	09.96-	111416	14 65		09.96- 09.99	111619	12 1.7
		AC 09.96-	111568	14 85		09.96- 09.99	113752	12 1.8
Punto 1.8 HGT	[183A1.000]	09.99-	111409	14 100		09.99-	111685	12 1.4
		09.99-	113942	14 100				
		09.99-	113942	14 100				
		09.99-	113942	14 100				
Punto 1.9 Diesel	[188A3.000]	02.00-	113943	14 100		09.99-	114321	12 2.0 BO
		09.99-	111413	14 90		09.99-	112379	12 1.8 MA
		09.99-	113336	14 120				
		09.99-	113939	14 100				
Punto 1.9 JTD	[188A2.000]	09.99-	111409	14 100		09.99-	113430	12 1.8
		09.99-	113942	14 100				
		09.99-	113943	14 100				
	[188A7.000]	02.00-	113943	14 100		Eng. -0413488 06.01-	113430	12 1.8
[188B2.000]	06.03-	113943	14 100		06.03-	113931	12 1.7	
Punto Evo 1.2	[169A.4000]	10.09-	113718	14 70		10.09-	113962	12 0.9
		10.09-	114462	14 70		A25 10.09-	115312	12 1.1
		10.09-	114706	14 120				
		10.09-	115620	14 105				
		10.09-	115647	14 90				
	[199A4.000]	10.09-	114462	14 70		10.09-	113962	12 0.9
Punto Evo 1.2 Multijet	[199B2.000]	07.08-	114451	14 105		07.08-	115869	12 1.3 A49
						07.08-	113719	12 1.3
Punto Evo 1.3 16V Multijet	[199B4.000]	10.09-	115384	14 120		10.09-	115400	12 1.4
		10.09-	115667	14 120				
	[223A9.000]	10.09-	115384	14 120		A25 10.09-	115400	12 1.4
		10.09-	115667	14 120				
Punto Evo 1.3 Multijet	[199A2.000]	10.09-	113722	14 90	A49	A25 10.09-	115400	12 1.4
		10.09-	114451	14 105				
		10.09-	115384	14 120				
	[199A2.000,199A9.000]	03.09-	113721	14 75	A49	03.09-	113719	12 1.3
		03.09-	113722	14 90	A49	A25 03.09-	115400	12 1.4
		03.09-	114451	14 105		03.09-	115869	12 1.3 A49
		03.09-	115384	14 120				
		03.09-	115963	14 90				
			03.09-	116330*	14 75			
	[199A3.000]	10.09-	113721	14 75	A49	10.09-	113719	12 1.3
		10.09-	113722	14 90	A49	10.09-	115869	12 1.3 A49
		10.09-	115963	14 90				
10.09-		116330*	14 75					

STARTERS & ALTERNATORS



Application list

FIAT Continued

	[199A9.000]	10.09- 10.09- 10.09- 10.09-	113722 114451 115384 115963	14 90 A49 14 105 14 120 14 90	A25 10.09-	115400	12 1.4	
	[199B1.000]	03.09- 03.09-	115346 115852	14 120 14 105	A25 03.09-	115400	12 1.4	
Punto Evo 1.4	[199A7.000]	07.09-	114462	14 70	A25 07.09-	115312	12 1.1	
	[350A1.000]	03.09- 10.09- 10.09-	114462 115620 115647	14 70 14 105 14 90	03.09- A25 03.09-	113962 115312	12 0.9 12 1.1	
Punto Evo 1.4 Abarth	[199A8.000]	07.08- 02.12 07.08- 02.12	114806 115874	14 120 14 120 A49	07.08- 02.12	115312	12 1.1	
	[955A8.000]	07.08- 02.12 07.08- 02.12	114806 115874	14 120 14 120 A49	07.08- 02.12	115312	12 1.1	
Punto Evo 1.4 16V	[955A2.000]				A25 10.09- 10.09-	115312 113962	12 1.1 12 0.9	
	[955A6.000]	10.09- 10.09-	114806 115874	14 120 14 120 A49	10.09- A25 10.09-	113962 115312	12 0.9 12 1.1	
Punto Evo 1.4 Natural Power	[350A1.000]	10.09-	114462	14 70				
Punto Evo 1.4 LPG	[350A1.000]	06.09-	114462	14 70				
Punto Evo 1.6 Multijet	[955A3.000]	10.09-	114493	14 100	A25 10.09-	115399	12 1.4	
Punto Evo Van 1.3 Multijet	[199A2.000,199A9.000]	03.09- 02.12 03.09- 02.12 03.09- 02.12	113722 114451 115963	14 90 14 105 14 90	03.09- 02.12 03.09- 02.12	113719 115869	12 1.3 12 1.3	
	[199B1.000]	03.09- 02.12 03.09- 02.12	115346 115384	14 120 14 120	03.09- 02.12	115400	12 1.4	
	[199B4.000]	03.12- 03.12-	115384 115667	14 120 14 120	03.12-	115400	12 1.4	
Punto Evo Van 1.4	[350A1.000]	03.09- 02.12 03.09- 02.12 A25 03.09- 02.12 A25 03.09- 02.12	113535 115647 114706 115620	14 85 14 90 14 120 14 105	A25 03.09- 02.12 03.09- 02.12	115312 113962	12 1.1 12 0.9	
Punto Evo Van 1.4 BiFuel Natural Power	[350A1.000]	03.09-	114462	14 70	03.09-	113962	12 0.9	
Punto Van 0.9 Twinair Turbo	[312A2.000]	03.12-	115457	14 120	03.12-	116024	12 1.1	
Punto Van 1.4 LPG	[350A1.000]	03.09- 03.09- 03.09-	113535 113718 114706	14 85 14 70 14 120	03.09-	113962	12 0.9	
Qubo 1.2 Multijet	[225A2.000]	03.15-	115852	14 105	03.15- 03.15- 03.15-	115869 113719 115400	12 1.3 A49 12 1.3 12 1.4	
Qubo 1.3 Multijet	[199B1.000]	07.10- 07.10-	115308 115852	14 120 14 105	A25 07.10-	115400	12 1.4	
Qubo 1.4	[350A1.000]	10.09-	113718	14 70	10.09- 10.09-	116306 110584	12 1.2 Reman. 12 1.2 Starter	
Qubo 1.4 Natural Power	[350A1.000]				01.10-	113962	12 0.9	
Regata 1.3	[138B2.000]	09.83- 07.86 09.83- 07.86	111035 111148	14 65 14 65	09.83- 12.87	110338	12 0.8	
Regata 1.3 ES	[149A3.000]	09.83- 07.89 09.83- 07.89	111035 111148	14 65 14 65	09.83- 07.89	110338	12 0.8	
	[149A7.000]	09.83- 07.89 09.83- 07.89	111035 111148	14 65 14 65	09.83- 07.89	110338	12 0.8	
Regata 1.5	[138B3.000]	09.83- 08.88 09.83- 08.88	111035 111148	14 65 14 65				
	[138C2.048]	12.86- 07.89	111148	14 65				
	[149A5.000]	09.83- 08.88 09.83- 08.88	111035 111148	14 65 14 65				
Regata 1.5 Super	[138B3.000]	09.83- 08.88 09.83- 08.88	111035 111148	14 65 14 65				
Regata 1.5 i.e.	[138B3.048]	04.85- 07.89 04.85- 07.89	111035 111148	14 65 14 65				
	[138C2.048]	07.85- 04.87 07.85- 04.87	111035 111148	14 65 14 65				
	[138C3.048]	09.83- 03.85 09.83- 03.85	111035 111148	14 65 14 65				
	[149C1.000]	05.87- 06.90 05.87- 06.90	111035 111148	14 65 14 65				
Regata 1.6	[149A.000]	10.83- 06.91 10.83- 06.91	111035 111148	14 65 14 65				
	[149A2.000]	10.83- 05.89 AC 10.83- 11.84	110912 111620	14 55 14 65				
	[149A4.000]	12.84- 05.86	110912	14 55				
Regata 1.6 i.e.	[149C2.000]	01.87- 07.89	110912	14 55				
Regata 1.7 Diesel	[138B6.000]	09.83- 04.85	110912	14 55				
	[149B3.000]	01.84- 12.89	110912	14 55	01.84- 12.89	111619	12 1.7	
Regata 1.9 Diesel	[149A1.000]	04.84- 07.89 04.84- 07.89	110912 111620	14 55 14 65				
Regata 1.9 TD	[831D1.000]	04.84- 07.89	111654	14 65	05.86- 07.89	110814	12 2.7	
Ritmo 1.0	[127A6.000]	09.78- 09.82	111035	14 65				
Ritmo 1.1	[138B.000]	02.83- 10.85	111035	14 65	02.83- 10.85	110338	12 0.8	
	[138B1.000]	02.83- 10.85	111035	14 65	02.83- 10.85	110338	12 0.8	
	[146A4.048]	04.85- 12.87	111035	14 65	04.85- 12.87	110338	12 0.8	
Ritmo 1.3	[138A1.000]				01.78- 09.82	110338	12 0.8	
	[138A3.000]	01.81- 09.82 01.81- 09.82	111035 111148	14 65 14 65				
	[138B2.000]				01.83- 04.85	110338	12 0.8	
	[149A3.000]	11.83- 08.85	111035	14 65	11.83- 08.85	110338	12 0.8	
	[149A7.000]	11.83- 08.85	111035	14 65	11.83- 08.85	110338	12 0.8	
Ritmo 1.3 Bertone	[138B2.000]	10.85- 12.87	111035	14 65	10.85- 12.87	110338	12 0.8	
Ritmo 1.5	[138A2.000]	09.85- 12.88	111148	14 65	09.85- 12.87	110338	12 0.8	
	[138B3.000]	01.83- 12.87 01.83- 12.87	111035 111148	14 65 14 65				
	[138C2.048]	09.85- 12.88 09.85- 12.88	111035 111148	14 65 14 65	09.85- 12.88	110338	12 0.8	
	[149A5.000]	08.85- 05.87 08.85- 05.87	111035 111148	14 65 14 65				



	[149C1.000]	05.87- 12.88	111035	14 65		05.87- 12.88	110338	12 0.8
		05.87- 12.88	111148	14 65				
Ritmo 1.5 Bertone	[138A4.000]	01.80- 07.89	111035	14 65				
		01.80- 07.89	111148	14 65				
	[138B3.000]	01.80- 07.89	111035	14 65				
		01.80- 07.89	111148	14 65				
Ritmo 1.5 i.e.	[138AR.000]	09.86- 11.86	110912	14 55				
	[138C2.048]	10.85- 10.87	111035	14 65				
		10.85- 10.87	111148	14 65				
	[149C1.000]	05.87- 12.88	111035	14 65				
		05.87- 12.88	111148	14 65				
Ritmo 1.6	[138AR.000]	01.83- 12.87	110912	14 55				
		AC 01.83- 12.87	111620	14 65				
Ritmo 1.6 Sport	[138AR.000]	05.81- 12.82	110912	14 55				
Ritmo 1.7 Diesel	[138A5.000]	10.79- 09.82	110912	14 55				
	[138B6.000]	01.83- 10.85	110912	14 55				
	[138C.000]	05.85- 12.87	110912	14 55		09.87- 12.87	111619	12 1.7
	[149B3.000]	05.85- 12.87	110912	14 55		09.87- 12.87	111619	12 1.7
Ritmo 1.9 TD	[831D1.000]	12.85- 12.87	111654	14 65				
Scudo 1.6	[220A2.000]	09.96- 12.06	111568	14 85		02.96- 12.06	112124	12 0.9
		AC 02.96-	111568	14 85				
Scudo 1.6 Multijet	[9H07 (DV6UC)]	01.07-	113640	14 150		01.07-	113254	12 1.4
	[9HM (DV6UC)]	02.11-	113640	14 150		02.11-	113254	12 1.4
	[9HM (DV6UC)]	01.07-	113640	14 150		01.07-	113254	12 1.4
	[9HU]	01.07-	113640	14 150		01.07-	113254	12 1.4
Scudo 1.9 Diesel	[D9B]	02.96-	112292	14 70		02.96-	111070	12 1.7
		PS 02.96-	111893	14 70		02.96- 04.98	114460	12 1.4
		ACPS 10.95- 05.00	113485	14 80				
	[WJZ (DW8)]	04.98-	112058	14 70		04.98-	111070	12 1.7
		04.98-	112480	14 90		04.98-	114460	12 1.4
		06.98- 08.01	113603	14 80				
Scudo 1.9 Diesel Combinato	[WJZ (DW8)]	04.98-	112058	14 70		04.98-	111070	12 1.7
		04.98-	112480	14 90		04.98-	114460	12 1.4
		06.98- 08.01	113603	14 80				
Scudo 1.9 TD	[D8B]	02.95-	112292	14 70		02.96-	111070	12 1.7
		PS 02.95-	111893	14 70		02.96-	114460	12 1.4
		ACPS 10.95- 05.00	113485	14 80				
	[D8B, DHX (XUD9TF/L)]	09.96- 12.06	112230	14 80		09.96- 12.06	111070	12 1.7
		09.96- 12.06	112292	14 70		09.96- 12.06	114460	12 1.4
		09.96- 12.06	112688	14 95				
		09.96- 12.06	112703	14 120				
		09.96- 12.06	113485	14 80				
	[DHX (XUD9TF/L)]	02.96-	112292	14 70		02.96-	111070	12 1.7
		PS 02.96-	111893	14 70		02.96-	114460	12 1.4
		ACPS 02.96-	113485	14 80				
Scudo 1.9 TD Eco	[DHX (XUD9TF/L)]	02.95-	112292	14 70		02.95-	111070	12 1.7
		PS 02.95-	111893	14 70		02.96-	114460	12 1.4
		ACPS 02.95-	113485	14 80				
Scudo 2.0	[RFN (EW10J4)]	05.00-	113503	14 120				
		06.04-	112460	14 150				
		06.04-	112480	14 90				
Scudo 2.0 16V Combinato	[RFN (EW10J4)]	06.00-	112460	14 150				
		06.00-	112480	14 90				
		06.00-	113503	14 120				
		06.04- 01.07	113603	14 80				
Scudo 2.0 Diesel	[DW10BTED4]	01.07-	113640	14 150		01.07-	113926	12 1.9
	[RHR]	01.07-	113640	14 150		01.07-	113926	12 1.9
Scudo 2.0 JTD 16V	[RHK (DW10UTED4)]	05.99- 12.06	112460	14 150		05.99- 12.06	111070	12 1.7
		05.99- 12.06	112480	14 90		05.99- 12.06	114460	12 1.4
		05.99- 12.06	113503	14 120				
	[RHM (DW10ATED4)]	05.99- 12.06	112460	14 150		05.99- 12.06	111070	12 1.7
		05.99- 12.06	112480	14 90		05.99- 12.06	114460	12 1.4
		05.99- 12.06	113503	14 120				
	[RHW (DW10ATED4)]	05.99- 12.06	112460	14 150		05.99- 12.06	111070	12 1.7
		05.99- 12.06	112480	14 90		05.99- 12.06	114460	12 1.4
		05.99- 12.06	113503	14 120				
Scudo 2.0 JTD	[RHX (DW10BTED)]	12.99-	112480	14 90		12.99-	111070	12 1.7
		AC 12.99-	112460	14 150				
	[RHZ]	12.02- 12.06	112460	14 150		12.02- 12.06	111070	12 1.7
		12.02- 12.06	112480	14 90		12.02- 12.06	114460	12 1.4
		12.02- 12.06	113503	14 120				
Scudo 2.0 JTD Combinato	[RHX]					01.04-	111070	12 1.7
	[RHZ (DW10ATED)]	12.99-	112480	14 90		12.99-	111070	12 1.7
		AC 10.99-	112460	14 150				
Scudo 2.0 Multijet	[RH02]	04.11-	113640	14 150		04.11-	113926	12 1.9
	[RHK]	01.07-	113640	14 150		01.07-	113926	12 1.9
	[RHR]	01.07-	113640	14 150		01.07-	113926	12 1.9
Scudo 2.0 Multijet 4x4	[RH02]	04.11-	113640	14 150		04.11-	113926	12 1.9
		04.11-	114859	14 180				
	[RHK]	01.07-	113640	14 150		01.07-	113926	12 1.9
	[RHR]	01.07-	114859	14 180		01.07-	111070	12 1.7
Scudo Box 2.0 Multijet 4x4	[RH02]	05.11-	115475	14 180		05.11-	113926	12 1.9
						05.11-	111070	12 1.7
	[RHR]	01.07-	114859	14 180		01.07-	111070	12 1.7
Sedici 1.9 Multijet	[D19AA]	06.06-	113996	14 140		06.06-	113430	12 1.8
Sedici 2.0 Multijet	[D20AA]	06.06-	115866	14 150		06.06-	115444	12 1.4
Sedici 2.0 Multijet 4x4	[D20AA]	06.06-	115866	14 150		06.06-	115444	12 1.4
Seicento 0.9	[1170A1.046]	01.98-	111687	14 55		01.98-	111585	12 0.8
Seicento 1.1	[176B2.000]	01.98-	111411	14 75		01.98-	114123	12 0.8
		01.98-	113471	14 65		01.98-	111422	12 0.8
		01.98-	113533	14 65				
		AC 01.98-	114899	14 70				
	[187A1.000]	01.98-	111411	14 75		01.98-	111422	12 0.8
		01.98-	113533	14 65		01.98-	112382	12 0.8
		AC 04.02-	114899	14 70		01.98-	114123	12 0.8
Siena 1.2	[178B5.000]	09.98-	111411	14 75		09.98-	111422	12 0.8
		09.98-	111689	14 65		09.98-	114123	12 0.8

STARTERS & ALTERNATORS



Application list

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	[188A5.000]					09.01-	114123	12	0.8
Siena 1.3 JTD	[188A9.000]	11.07-	113722	14 90	A49	11.07-	113719	12	1.3
		11.07-	115963	14 90		11.07-	115869	12	1.3 A49
Siena 1.4	[178B2.000]					04.96-	112124	12	0.9
	[178B2.016]					04.96-	112124	12	0.9
	[199A1.000]	11.07-	113718	14 70		11.07-	113962	12	0.9
		11.07-	114462	14 70					
		11.07-	115615	14 105					
		11.07-	115647	14 90					
	[350A1.000]	01.07-	113718	14 70		01.07-	113962	12	0.9
		01.07-	114462	14 70					
		01.07-	115615	14 105					
		01.07-	115647	14 90					
Siena 1.6 16V	[178B3.000]	08.97-	112190	14 90		09.98-	112124	12	0.9
		09.98-	111411	14 75					
		09.98-	111689	14 65					
		AC 11.99-	112190	14 90					
Stilo 1.2 16V	[188A5.000]	AC 04.03-	113535	14 85		02.02-	113962	12	0.9
Stilo 1.4 16V	[192B2.000]	03.05-	113535	14 85		03.05-	113962	12	0.9
		03.05-	114462	14 70					
	[843A1.000]	01.04-	114462	14 70		01.04-	113962	12	0.9
Stilo 1.6 16V	[182B6.000]					10.01-	112445	12	1.1 A49
						10.01-	114035	12	1.3
						10.01-	116336*	12	1.1
Stilo 1.8 16V	[192A4.000]	AC 10.01-	113336	14 120		10.01-	111685	12	1.4
Stilo 1.9 Diesel	[192B5.000]	09.04-	113943	14 100		09.04-	113931	12	1.7
		09.04-	114494	14 90					
Stilo 1.9 JTD	[192A1.000]	10.01-	113943	14 100		10.01-	113430	12	1.8
		10.01-	113987	14 140		10.01-	113931	12	1.7
		10.01-	114494	14 90					
		01.03-	113336	14 120					
		AC 10.01-	113336	14 120					
	[192A3.000]	02.02-	113943	14 100		10.01-	113430	12	1.8
		02.02-	114494	14 90		02.02-	113931	12	1.7
		AC 02.02-	113336	14 120					
	[192A5.000]	01.04-	114204	14 120		01.04-	113430	12	1.8
	[192B1.000]	04.04-	113943	14 100		04.04-	113430	12	1.8
	[192B5.000]	09.04-	113943	14 100		09.04-	113931	12	1.7
		09.04-	114494	14 90					
	[937A4.000]	09.03-	114204	14 120		09.03-	113430	12	1.8
	[937A7.000]	10.01-	113943	14 100		01.03-	113430	12	1.8
		10.01-	113987	14 140		01.03-	113931	12	1.7
		10.01-	114494	14 90					
Stilo 1.9 Multijet	[192A8.000]	09.05-	113943	14 100		09.05-	113430	12	1.8
		09.05-	114494	14 90					
	[192A9.000]	09.05-	113943	14 100	Chas. -0100367	09.05-	113430	12	1.8
		09.05-	114494	14 90		09.05-	113931	12	1.7
	[937A5.000]	09.05-	114204	14 120		09.05-	113430	12	1.8
Stilo 2.4 20V	[192A2.000]	AC 10.01-	113336	14 120		10.01-	111685	12	1.4
	[192A7.011]					01.04-	111685	12	1.4
Stilo Multi Wagon 1.6 16V	[192B3.000]					03.05- 12.07	111123	12	0.9
						03.05- 12.07	113276	12	1.1
Strada 1.1	[138C1.000]	05.85- 09.87	111035	14 65		05.85- 09.87	110338	12	0.8
		AT 05.85- 09.87	111148	14 65					
Strada 1.2	[178B5.000]	05.02-	111411	14 75		06.99-	114123	12	0.8
		06.99- 03.05	114899	14 70					
		ACPS 06.99-	111505	14 75					
	[188A4.000]	04.03-	113718	14 70					
Strada 1.3 Multijet	[199B1.000]	10.10-	113722	14 90	A49	10.10-	113719	12	1.3
		10.10-	115963	14 90		10.10-	115869	12	1.3 A49
	[223A9.000]	05.06-	113721	14 75	A49	05.06-	114123	12	0.8
		05.06-	113722	14 90	A49				
		05.06-	115963	14 90					
		05.06-	116330*	14 75					
		AC 05.06-	114451	14 105					
Strada 1.7 TD	[176A3.000]	06.99-	111416	14 65		06.99-	111619	12	1.7
		AC 03.99-	111568	14 85		07.05-	113752	12	1.8
Strada 1.9 Diesel	[223A6.000]	11.00- 03.03	111413	14 90		11.00- 03.03	112379	12	1.8 MA
		11.00-	113338	14 65		12.00-	114321	12	2.0 BO
		12.00-	113943	14 100					
Strada 1.9 JTD	[188A2.000]	04.03-	113338	14 65		04.03-	113430	12	1.8
Talento 1.6 Diesel	[R9M450]	06.16-	116225*	12 150					
Talento 1.9 Diesel	[149B1.000]	03.88- 03.94	110912	14 55		03.89- 03.94	116327	12	2.2
						03.89- 03.94	111421	12	2.2 A49
						03.89- 03.94	111066	12	1.05
Talento 2.0	[170B]								
Talento Bus 1.6 Diesel	[R9M450]	06.16-	116225*	12 150					
Tempra 1.4 i.e.	[159A2.000]	02.90- 12.96	111035	14 65					
		02.90- 12.96	111148	14 65					
		AC 02.90- 12.96	112780	14 90					
	[160A1.046]	ACPS 03.92- 08.96	112780	14 90					
		AC 03.92- 08.96	112780	14 90					
	[836A4.000]	ACPS 03.95- 08.96	112780	14 90					
		AC 03.95- 08.96	112780	14 90					
Tempra 1.6	[159A3.000]	02.90- 04.93	111035	14 65					
		ACPS 02.90- 04.93	112780	14 90					
		AC 02.90- 04.93	112780	14 90					
Tempra 1.6 i.e.	[159A3.046]	ACPS 06.90- 08.96	112780	14 90					
		AC 06.90- 07.92	112780	14 90					
	[159A3.048]	ACPS 06.92- 08.96	112780	14 90					
		AC 06.92- 08.96	112780	14 90					
	[159B9.000]	AC 05.94- 12.96	112780	14 90		05.94- 12.96	112124	12	0.9
	[835C1.000]	ACPS 04.93- 08.96	112780	14 90					
		AC 04.93- 08.96	112780	14 90					
Tempra 1.8 i.e.	[159A4.000]	03.90- 08.96	111620	14 65		03.90- 08.96	110854	12	1.4
		06.90- 07.91	113187	14 85					
	[159A4.046]	02.90- 12.96	111620	14 65		10.91- 12.96	110854	12	1.4
	[835C2.000]	09.93- 08.96	111620	14 65		09.93- 08.96	110854	12	1.4



	[835C4.000]	09.93- 08.96	111620	14	65		09.93- 08.96	110854	12	1.4
	[836A5.000]	10.94- 08.96	111620	14	65		10.94- 08.96	110854	12	1.4
Tempra 1.9 Diesel	[160A7.000]	07.91- 01.96	113187	14	85					
Tempra 1.9 TD	[160A6.000]	02.90- 12.96	111654	14	65					
		05.90- 01.96	113187	14	85					
	[160A7.000]	07.91- 01.96	113187	14	85					
	[160B6.046]	07.90- 08.96	111654	14	65					
		03.92- 01.96	113187	14	85					
	[160D1.000]	05.90- 01.96	113187	14	85					
		04.93- 12.96	111654	14	65					
Tempra 2.0 i.e.	[159A6.046]	02.90- 12.96	111620	14	65		10.90- 12.96	110854	12	1.4
Tempra 2.0 i.e. 4x4	[159A6.046]	03.92- 03.95	111620	14	65		03.92- 03.95	110854	12	1.4
Tipo 1.1 Digit	[160A3.000]	07.87- 03.93	111036	14	45		07.87- 03.93	111025	12	0.8
Tipo 1.2 Multijet	[199B1.000]						03.16-	113719	12	1.3
							03.16-	115400	12	1.4
							03.16-	115869	12	1.3 A49
	[55266963]						10.15-	113719	12	1.3
							03.16-	115400	12	1.4
							10.15-	115869	12	1.3 A49
Tipo 1.4	[843A1.000]	10.15-	113535	14	85		10.15-	113962	12	0.9
		10.15-	114706	14	120		03.16-	115312	12	1.1
		03.16-	115457	14	120					
	[940B7.000]	03.16-	115457	14	120		03.16-	113962	12	0.9
							03.16-	115312	12	1.1
Tipo 1.4 Selecta	[160A1.000]	07.87- 12.89	111035	14	65					
		07.87- 12.89	111148	14	65					
		AC 07.87- 12.89	112780	14	90					
	[160A1.048]	03.89- 11.90	111035	14	65					
		03.89- 11.90	111148	14	65					
		AC 03.89- 11.90	112780	14	90					
Tipo 1.4 i.e.	[159A2.000]	05.89- 03.93	111035	14	65					
		AC 05.89- 02.90	112780	14	90					
	[160A1.046]	05.89- 03.93	111035	14	65					
		05.89- 03.93	111148	14	65					
		AC 05.89- 03.93	112780	14	90					
	[836A4.000]	AC 03.93- 10.95	112780	14	90					
Tipo 1.4 LPG	[940B7.000]	05.16-	114706	14	120		05.16-	113962	12	0.9
		05.16-	114806	14	120		A25 05.16-	115312	12	1.1
		05.16-	115874	14	120					
		A25 05.16-	115457	14	120					
		A25 05.16-	116125	14	120					
Tipo 1.6 Digit	[160A2.000]	07.87- 10.95	111035	14	65					
		ACPS 01.88- 10.95	112780	14	90					
		AC 01.88- 10.95	112780	14	90					
Tipo 1.6 i.e.	[149C2.046]	02.88- 06.90	111620	14	65		02.88- 06.90	112124	12	0.9
		02.88- 06.90	113187	14	85					
	[159A3.046]	03.90- 03.93	111148	14	65					
		ACPS 03.90- 03.93	112780	14	90					
		AC 03.90- 03.93	112780	14	90					
	[159A3.048]	AC 03.93- 10.95	112780	14	90					
	[835C1.000]	AC 03.93- 10.95	112780	14	90					
Tipo 1.6 Diesel	[55260384]	09.16-	116094	14	120					
Tipo 1.6 Multijet	[940C1.000]	10.15-	114493	14	100		10.15-	116045	12	1.4
		10.15-	115429	14	120					
Tipo 1.7 Diesel	[149B4.000]	07.87- 03.93	110912	14	55		07.87- 03.93	111619	12	1.7
		07.87- 03.93	112719	14	55 A49					
		01.88- 10.95	116331	14	55					
Tipo 1.8 i.e. 16V	[160A5.000]	11.89- 06.92	111620	14	65		11.89- 06.92	110854	12	1.4
		11.89- 01.91	113187	14	85					
Tipo 1.8 i.e.	[159A4.000]	10.90- 06.93	111620	14	65		10.90- 04.95	110854	12	1.4
							03.93- 10.95	110854	12	1.4
		[835C2.000]					09.93- 10.95	110854	12	1.4
		[835C4.000]	09.93- 10.95	111620	14	65		10.94- 10.95	110854	12
	[836A5.000]						10.92- 06.93	110854	12	1.4
Tipo 1.8 i.e. GT	[159A4.046]	10.92- 06.93	111620	14	65					
Tipo 1.9 Diesel	[160A7.000]	07.89- 10.95	111654	14	65					
Tipo 1.9 TD	[160A6.000]	07.87- 04.95	111654	14	65					
	[160A6.046]	07.87- 03.93	111654	14	65					
	[160B6.046]	07.87- 10.95	111654	14	65					
	[160D1.000]	03.93- 04.95	111654	14	65					
Tipo 2.0 16V	[160A8.046]	03.90- 10.95	111620	14	65		12.90- 04.95	110854	12	1.4
Tipo 2.0 i.e. 16V Sport	[836A3.000]	03.93- 10.95	111620	14	65		03.93- 10.95	110854	12	1.4
Tipo 2.0 i.e.	[159A5.046]	06.90- 03.92	111620	14	65		06.90- 03.92	110854	12	1.4
	[159A6.046]	03.90- 10.95	111620	14	65		03.90- 10.95	110854	12	1.4
Ulyse 1.8	[LFW]	05.96-	112299	14	95		05.97-	111130	12	1.1
		AC 05.96-	112298	14	80		05.97-	113443	12	1.4
		AC 05.96-	112299	14	95					
		AC 05.96-	112772	14	120					
Ulyse 1.9 TD	[DHX (XUD9TF/L)]	10.94-	112688	14	95		10.94-	111070	12	1.7
		10.94-	112703	14	120		02.95- 08.02	114460	12	1.4
		10.94-	113485	14	80					
Ulyse 2.0	[RFN (EW10J4)]	08.02-	112460	14	150					
		08.02-	112461	14	150					
		08.02-	112469	14	90					
		08.02-	113575	14	80					
		08.02-	113640	14	150					
		08.02-	113755	14	150					
	[RFU (XU10J2C)]	10.94-	112298	14	80		10.94-	111070	12	1.7
		10.94-	112299	14	95		10.94-	111130	12	1.1
		AC 06.94- 05.00	112772	14	120		06.94- 05.00	113443	12	1.4
Ulyse 2.0 16V	[RFN (EW10J4)]	03.00-	112460	14	150					
		03.00-	112480	14	90					
	[RFV]	05.98-	111318	14	80		05.98-	111130	12	1.1
		05.98- 09.00	113604	14	95		05.98-	113443	12	1.4



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Ulysse 2.0 Turbo	[RGX (XU10J2CTE)]	06.94- 08.02	113604	14 95	06.94- 08.02	113443	12 1.4
		10.94-	112298	14 80	10.94-	111070	12 1.7
		10.94-	112299	14 95	10.94-	111130	12 1.1
		03.97- 08.02	111318	14 80			
		AC 06.94- 02.97	112772	14 120			
Ulysse 2.0 JTD 16V	[RHW (DW10ATED4)]	05.99- 08.02	112460	14 150	05.99- 08.02	111070	12 1.7
		05.99- 08.02	113503	14 120			
Ulysse 2.0 JTD	[RHM (DW10ATED4)] [RHW (DW10ATED4)]	05.03-	113640	14 150	05.03-	111070	12 1.7
		08.02-	112461	14 150	A13 08.02-	111070	12 1.7
		08.02-	113640	14 150	08.02-	114460	12 1.4
		10.99-	112460	14 150	A13 10.99- 08.02	114460	12 1.4
					10.99-	111070	12 1.7
					10.99-	111070	12 1.7
Ulysse 2.0 Multijet	[RHK]	05.06-	113640	14 150	05.06-	114460	12 1.4
	[RHR]	05.06-	113640	14 150	05.06-	114126	12 2.3
					05.06-	114460	12 1.4
					05.06-	114126	12 2.3
Ulysse 2.1 TD	[P8C]	03.96-	112688	14 95	03.96-	111070	12 1.7
		03.96-	112703	14 120	03.96- 10.99	114460	12 1.4
		03.96-	113485	14 80			
Ulysse 2.2 JTD	[4HP]	03.08-	113640	14 150	03.08-	114854	12 2.5
	[4HR]	03.08-	113640	14 150	03.08-	114854	12 2.5
	[4HW (DW12ATED4)]	08.02-	112461	14 150	A13 08.02-	111070	12 1.7
		08.02-	113640	14 150	08.02-	114460	12 1.4
					03.08-	114854	12 2.5
Ulysse 2.2 Multijet	[4HT]						
Uno 0.9	[146A.000]	02.88- 07.96	111078	14 45	02.88- 07.96	110365	12 0.8
	[146A1.000]	02.88- 07.96	111078	14 45	02.88- 07.96	110365	12 0.8
Uno 0.9 ES	[146A.000]	03.83- 09.92	111078	14 45	03.83- 09.92	111585	12 0.8
					03.83- 09.92	110365	12 0.8
	[146A1.000]	03.83- 09.92	111078	14 45	03.83- 09.92	111585	12 0.8
					03.83- 09.92	110365	12 0.8
Uno 1.0	[156A2.048]	06.86- 05.91	111036	14 45	06.86- 05.91	111025	12 0.8
	[156A2.100]	06.86- 12.93	111036	14 45	06.86- 03.94	111025	12 0.8
	[178D9.011]	01.04-	113535	14 85	01.04-	114123	12 0.8
Uno 1.0 i.e.	[156A2.246]				08.85- 09.92	111025	12 0.8
Uno 1.1	[138B.000]	01.83- 08.89	111035	14 65	01.83- 08.89	110338	12 0.8
	[146A4.044]				01.86- 12.89	111025	12 0.8
	[146A4.048]	05.85- 02.92	111035	14 65	05.85- 08.89	110338	12 0.8
	[146A6.000]	02.88- 02.92	111035	14 65			
	[156C.046]				01.90- 10.92	111025	12 0.8
	[160A3.000]				04.89- 12.92	111025	12 0.8
Uno 1.1 i.e.	[146C3.000]				06.92- 12.93	110814	12 2.7
					06.92- 10.92	111025	12 0.8
					01.04-	114123	12 0.8
Uno 1.2	[178E8.011]						
Uno 1.3	[138B2.000]	01.83- 04.85	111035	14 65	01.83- 04.85	110338	12 0.8
	[149A7.000]	05.85- 08.89	111035	14 65	05.85- 08.89	110338	12 0.8
Uno 1.3 i.e. Turbo	[146A2.000]	04.85- 08.89	111148	14 65			
	[146A2.146]	10.87- 08.89	111148	14 65			
Uno 1.3 Diesel Super	[146A2.246]	09.89- 03.91	111148	14 65	09.89- 03.91	110814	12 2.7
	[127A5.000]				09.89- 03.92	111619	12 1.7
	[146B1.000]				09.89- 03.92	111619	12 1.7
Uno 1.4 S	[160A1.048]	09.89- 10.92	111035	14 65			
		09.89- 10.92	111148	14 65			
Uno 1.4 i.e. Turbo	[146A8.000]	12.89- 12.96	111148	14 65			
	[146A8.046]				09.89- 09.93	110814	12 2.7
Uno 1.4 i.e.	[146C1.000]	09.89- 12.93	111035	14 65			
	[160A1.046]	09.89- 12.93	111035	14 65	09.89- 12.93	110814	12 2.7
Uno 1.4 TD	[146B3.000]	10.86- 10.90	112719	14 55 A49	09.89- 04.91	111619	12 1.7
		10.86- 10.90	116331	14 55			
Uno 1.5 i.e.	[138C2.048]	10.85- 08.87	111035	14 65			
		10.85- 08.87	111148	14 65			
	[149C1.000]	09.87- 03.94	111035	14 65			
		09.87- 03.94	111148	14 65			
Uno 1.7 Diesel	[146B2.000]	02.88- 02.92	110890	14 55	01.98- 03.04	113752	12 1.8
		09.89- 03.94	112719	14 55 A49	02.88- 02.92	111619	12 1.7
		09.89- 12.93	116331	14 55			
	[149B3.000]	07.86- 08.89	112719	14 55 A49	07.86- 08.89	111619	12 1.7
		07.86- 08.89	116331	14 55			
	[149B4.046]	02.88- 02.92	110890	14 55	02.88- 02.92	111619	12 1.7
Uno 1.9 Diesel	[149B5.046]	09.89- 03.94	110912	14 55			
		09.89- 03.94	112719	14 55 A49			
		09.89- 03.94	116331	14 55			
Various Models					06.79- 10.86	110814	12 2.7
					01.71- 12.87	110813	12 2.7
					03.86-	111619	12 1.7
					11.93- 05.95	111422	12 0.8
X1/9 1.3	[128AS.000]	01.73- 12.79	110899	14 33	01.73- 12.79	110338	12 0.8
TRUCKS EU							
314/3 5.2	[8060.12]		112097	28 30		110521	24 4.0
AGRICULTURE							
404 Diesel					01.84-	113381	12 2.5
					01.84-	110640	12 3.0
420 Diesel		01.84-	116133	14 33 A49	01.84-	113381	12 2.5
		04.82- 12.83	111180	14 33	01.84-	110640	12 3.0
					01.84-	110213	24 6.6
440 Diesel					01.84-	113381	12 2.5
					01.84-	110640	12 3.0
					01.84-	110813	12 2.7
450 Diesel					01.50- 08.80	110813	12 2.7
					01.84-	113381	12 2.5
					01.84-	110640	12 3.0
455 Diesel					01.50-	110813	12 2.7
					01.84-	113381	12 2.5
					01.84-	110640	12 3.0
470 Diesel					01.84-	113381	12 2.5
					01.84-	110640	12 3.0
					01.84-	110813	12 2.7



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Fiat-Allis							
AGRICULTURE							
65 B 5.9 Diesel	[8061...]	01.86- 01.01	111419	28	55	01.86- 01.01	110521 24 4.0
FA 150 8.1 Diesel	[8365.25.542]					12.86- 03.99	110999 24
FA 200						01.84- 12.89	110347 24 7.5
FD 14						04.84- 12.89	110347 24 7.5
FD 14E 8.1 Diesel	[8365.25.541]					12.88- 12.92	110999 24
FD 20 5.9 Diesel	[8215.02.520]					03.84- 03.99	110347 24 7.5
FD 30C 17.0 Diesel	[8285.22.004]	10.90-	111419	28	55		
FE 16						10.83- 12.87	110521 24 4.0
FE 45						09.87-	110347 24 7.5
FG 65 A						03.84- 01.88	110529 12 3.0
FH 400						11.89-	110347 24 7.5
FL 20						03.84-	110347 24 7.5
FR 130 5.9 Diesel	[8065.25...]	04.90- 04.05	111419	28	55		
FR 160 8.1 Diesel	[8365.25...]	07.90-	111419	28	55	01.80- 01.83	110522 12 3.0
						07.90-	110999 24
FR 20						01.86- 12.90	110347 24 7.5
FR 20 B						01.86- 12.90	110347 24 7.5
FR 220 9.5 Diesel	[8465.21...]	01.91-	111419	28	55		
FR 7						12.82- 03.85	110517 24 3.2
						04.85- 04.88	110521 24 4.0
FR 9						12.82- 09.85	110521 24 4.0
Various Models Diesel			116133	14	33 A49		111041 12 2.8
			112992	28	70	01.97	110640 12 3.0
		01.80-	110801	28	45		110518 24 4.0
		01.70- 01.73	110075	14	60	01.71- 01.75	111737 12 2.8
		01.83- 01.88	110952	28	40	01.80- 06.85	110531 24 6.6
		01.72- 01.80	110504	14	90	07.87- 06.89	110206 24 5.4
		01.75- 12.84	111180	14	33	06.83- 06.87	110210 24 6.6
		04.83- 03.89	110912	14	55	01.60-	111000 24 6.5
						12.88	110521 24 4.0
						12.82	110529 12 3.0
							110347 24 7.5
							113381 12 2.5
							110813 12 2.7
						03.85	110517 24 3.2
						01.69- 01.70	110818 12 2.1
						01.72- 01.80	113534 12 3.0
							110208 24 5.4
							115447 24 7.5
Various Models						01.70- 01.82	110520 24 4.0
Ford							
PASSENGER CARS EU							
Aerostar 3.0 I V6		01.88- 01.90	111252	14	75		
Aerostar 4.0 I V6 4WD		01.92- 01.93	111199	14	95	01.92- 01.93	111844 12 1.4
B-Max 1.0 EcoBoost	[M1JA]					10.12-	115555 12 1.0
	[M1JE]					12.12-	115555 12 1.0
	[SFJA]					10.12-	115555 12 1.0
	[SFJB]					10.12-	115555 12 1.0
	[SFJC]					10.12-	115555 12 1.0
	[SFJD]					10.12-	115555 12 1.0
	[YYJC]					02.16-	115555 12 1.0
B-Max 1.4	[SPJD]	10.12-	114883	14	120	10.12-	111906 12 1.1
B-Max 1.4 LPG	[RTJC]	08.13-	114883	14	120	08.13-	111906 12 1.1
B-Max 1.5 TDCI	[UGJC]	10.12-	114724	14	150	10.12-	116159 12 1.4
		10.12-	115459	14	120	A25 10.12-	116421* 12 2.0
						10.12-	113905 12 1.4 A49
	[XVJA]	04.15-	114724	14	150	04.15-	116159 12 1.4
		04.15-	115459	14	120	A25 04.15-	116421* 12 2.0
						04.15-	113905 12 1.4 A49
	[XVJC]	04.15-	114724	14	150	04.15-	116159 12 1.4
		04.15-	115459	14	120	A25 04.15-	116421* 12 2.0
						04.15-	113905 12 1.4 A49
B-Max 1.6 Ti	[IQJA]	10.12-	114883	14	120	10.12-	111906 12 1.1
B-Max 1.6 TDCI	[T3JB]	10.12-	114724	14	150	10.12-	113905 12 1.4 A49
		10.12-	115459	14	120	10.12-	116159 12 1.4
Bronco II 2.9 I V6 4x4						01.88- 08.90	112016 12
Capri 1.3	[J1E]	01.74- 06.85	110759	14	35	01.74- 08.77	110336 12 0.75
		01.74- 06.85	111289	14	70	RHD 01.74- 06.85	110831 12 0.8
		RHD 01.74- 08.77	111086	14	65		
Capri 1.3 1300	[EV13H]	01.71- 12.72	110759	14	35		
		01.71- 12.72	111289	14	70		
		09.72- 12.72	111086	14	65		
		RHD 01.71- 12.72	110178	14	36		
		RHD 09.72- 12.72	111086	14	65		
	[EV13L]	12.68- 04.74	110759	14	35		
		RHD 12.68- 04.74	110178	14	36		
	[KL13HC]	01.72- 12.72	110759	14	35		
		01.72- 12.72	111289	14	70		
	[KL13L]	01.69- 12.73	110759	14	35		
		01.69- 12.73	111289	14	70		
		RHD 01.69- 12.70	110178	14	36		
		RHD 09.72- 12.73	111086	14	65		
		RHD 09.72- 12.73	111086	14	65	10.72- 12.73	110336 12 0.75
		09.72- 12.73	111086	14	65		
Capri 1.6	[LAC]	09.74- 12.77	111289	14	70	RHD 09.74- 12.77	110831 12 0.8
		RHD 09.74- 12.77	111086	14	65		
	[LCE]	01.74- 12.77	111289	14	70	RHD 01.74- 12.77	110831 12 0.8
		RHD 01.74- 12.77	111086	14	65	01.74- 12.77	110336 12 0.75
	[LCN]	01.78- 04.87	111289	14	70	RHD 01.78- 04.87	110831 12 0.8
		RHD 01.78- 04.87	111086	14	65	01.78- 04.87	110336 12 0.75
	[LEC]	01.74- 12.77	111289	14	70	RHD 01.74- 12.77	110831 12 0.8
		RHD 01.74- 12.77	111086	14	65	01.74- 12.77	110336 12 0.75
Capri 1.6 1600	[LE]	08.72- 04.74	111289	14	70	08.72- 04.74	110336 12 0.75
		RHD 01.70-	110179	14	36		
		RHD 09.72- 02.74	111086	14	65		



	[OHCTL16H]	08.72- 02.74	111086	14 65		RHD 08.72- 02.74	110336	12 0.75
		08.72- 02.74	111289	14 70				
		RHD 08.72- 02.74	111086	14 65				
Capri 1.6 1600 GT		01.69- 10.72	111289	14 70				
Capri 1.7 1700	[TV17H]	12.68- 08.72	111289	14 70				
Capri 2.0	[NEN]	01.78- 12.85	111289	14 70		RHD 01.78- 12.85	110831	12 0.8
		RHD 01.78- 12.85	111086	14 65				
	[NWN]	04.76- 12.77	111289	14 70				
	[NYL]	01.78- 04.87	111289	14 70		08.85- 04.87	110842	12 1.4
						01.78- 12.82	110831	12 0.8
	[OHC2VHC]	01.78- 12.85	111289	14 70				
		11.81- 12.85	111086	14 65				
	[OHCTL20H]	04.74- 06.84	111289	14 70		04.74- 12.77	110831	12 0.8
		RHD 04.74- 06.86	111086	14 65				
Capri 2.0 2000	[TV20H]	02.69- 08.72	111289	14 70				
		RHD 02.69- 08.72	110179	14 36				
		RHD 02.69- 08.72	111184	14 43				
		RHD 09.72- 02.74	111086	14 65				
	[TV20L]	02.69- 06.71	111289	14 70				
		RHD 02.69- 06.71	110179	14 36				
		RHD 02.69- 06.71	111184	14 43				
		02.69- 02.74	111289	14 70				
		RHD 09.72- 02.74	111086	14 65				
Capri 2.3	[YYE]	01.74- 12.77	111289	14 70				
		RHD 01.74- 12.77	111086	14 65				
Capri 2.3 2300	[TV232H]	02.69- 04.74	111289	14 70				
		RHD 09.72- 04.74	111086	14 65				
	[TV23S]	08.69- 04.74	111289	14 70				
		RHD 09.72- 04.74	111086	14 65				
Capri 2.3 Super	[YYN]	06.79- 12.85	111289	14 70		08.85- 12.85	110842	12 1.4
		RHD 06.79- 12.85	111086	14 65				
Capri 2.6 2600	[UY]	08.70- 04.74	111289	14 70				
		RHD 09.72- 04.74	111086	14 65				
Capri 2.8 i Super	[PRN]					08.85- 04.87	110842	12 1.4
Capri 3.0	[HYF]	01.74- 12.78	111289	14 70				
		02.74- 12.78	111086	14 65				
		RHD 01.74- 12.77	111086	14 65				
Capri 3.0 3000	[HY]	08.72- 08.81	111086	14 65				
		RHD 08.72- 04.74	111086	14 65				
C-Max 1.0 EcoBoost	[M1DA]	10.12-	115933	14 150				
	[M2DA]	10.12-	115933	14 150				
	[SFDA]	10.12-	115933	14 150				
C-Max 1.5 TDCi	[XWDA]	03.15-	114724	14 150		03.15-	116062	12 1.2
		03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
	[XWDB]	03.15-	114724	14 150		03.15-	116062	12 1.2
		03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
						03.15-	113908	12 1.2 A49
	[XXDA]	03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
						03.15-	116062	12 1.2
C-Max 1.5 TDCi ECOnetic	[AEDA]	03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
						03.15-	116062	12 1.2
C-Max 1.6	[HWDA]	02.07-	114009	14 105				
	[HWDB]	02.07-	114009	14 105		02.07-	111906	12 1.1
	[SHDA]	02.07-	114009	14 105		02.07-	111906	12 1.1
	[SHDB]	02.07-	114009	14 105		02.07-	111906	12 1.1
	[SHDC]	02.07-	114009	14 105		02.07-	111906	12 1.1
C-Max 1.6 EcoBoost	[JODA]	12.10-	115959	14 120		12.10-	116049	12 1.2 A49
	[JODB]	12.10-	115959	14 120		12.10-	116049	12 1.2 A49
	[JTDA]	12.10-	115959	14 120		12.10-	116049	12 1.2 A49
	[JTDB]	12.10-	115959	14 120		12.10-	116049	12 1.2 A49
C-Max 1.6 LPG	[MUDA]	02.12-	114883	14 120		02.12-	111906	12 1.1
C-Max 1.6 Ti	[MUDA]	02.12-	114883	14 120		02.12-	111906	12 1.1
	[XTDA]	12.10-	114883	14 120		12.10-	111906	12 1.1
C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883	14 120				
	[IQDB]	12.10-	114883	14 120				
	[PNDA]	12.10-	114883	14 120				
C-Max 1.6 CNG CNG		01.13-	114883	14 120		01.13-	111906	12 1.1
C-Max 1.6 Flexfuel	[MUDA]	02.11-	114883	14 120		02.11-	111906	12 1.1
C-Max 1.6 TDCi	[G8DA]	02.07-	113849	14 150 A49		02.07-	113908	12 1.2 A49
		02.07-	113922	14 120		02.07-	116062	12 1.2
		02.07-	116294	14 150				
	[G8DB]	02.07-	113849	14 150 A49		02.07-	113908	12 1.2 A49
		02.07-	113922	14 120		02.07-	116062	12 1.2
		02.07-	116294	14 150				
	[G8DC]	02.07-	113849	14 150		02.07-	113908	12 1.2
		02.07-	113922	14 120		02.07-	116062	12 1.2
	[G8DD]	02.07-	113849	14 150 A49		02.07-	113908	12 1.2 A49
		02.07-	113922	14 120		02.07-	116062	12 1.2
		02.07-	116294	14 150				
	[GPDA]	02.07-	113849	14 150 A49		02.07-	113908	12 1.2 A49
		02.07-	113922	14 120		02.07-	116062	12 1.2
		02.07-	116294	14 150				
	[HHDA]	02.07-	113849	14 150 A49		02.07-	113908	12 1.2 A49
		02.07-	113922	14 120		02.07-	116062	12 1.2
		02.07-	116294	14 150				
	[HHDB]	02.07-	113849	14 150 A49		02.07-	113908	12 1.2 A49
		02.07-	113922	14 120		02.07-	116062	12 1.2
		02.07-	116294	14 150				
	[MTDA]	02.07-	113849	14 150		02.07-	113908	12 1.2
		02.07-	113922	14 120		02.07-	116062	12 1.2
	[T1DA]	12.10-	114724	14 150		A25 12.10-	116316	12 2.0
						12.10-	113908	12 1.2 A49
						12.10-	116062	12 1.2

STARTERS & ALTERNATORS



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	[T1DA, T1DB]	12.10-	114724	14 150	12.10-	113908	12 1.2	A49
		12.10-	115459	14 120	12.10-	116062	12 1.2	
	[T1DB]	12.10-	114724	14 150	12.10-	116062	12 1.2	
		12.10-	115459	14 120	A25 12.10-	116316	12 2.0	
					12.10-	113908	12 1.2	A49
	[T3DA]	12.10-	114724	14 150	A25 12.10-	116316	12 2.0	
					12.10-	113908	12 1.2	A49
					12.10-	116062	12 1.2	
	[T3DA, T3DB]	12.10-	114724	14 150	12.10-	113908	12 1.2	A49
		12.10-	115459	14 120	12.10-	116062	12 1.2	
	[T3DB]	12.10-	114724	14 150	A25 12.10-	116316	12 2.0	
		12.10-	115459	14 120	12.10-	116062	12 1.2	
					12.10-	113908	12 1.2	A49
C-Max 1.8	[OQDA]	02.07-	114065	14 120 A49	02.07-	113906	12 1.2	
	[OQDB]	02.07-	114065	14 120 A49	02.07-	113906	12 1.2	
	[OQDC]	02.07-	114065	14 120 A49				
C-Max 1.8 FlexFuel	[O7DA]	02.07-	114065	14 120 A49	02.07-	113906	12 1.2	
C-Max 1.8 TDCi	[KKDA]	02.07-	114804	14 105	02.07-	114092	12 2.0	
	AC, w/electrical heating system	02.07-	114248	14 150				
	AC	02.07-	114250	14 120				
C-Max 2.0	[AODA]	02.07-	114065	14 120 A49	02.07-	113906	12 1.2	
		AT 02.07-	113978	14 120				
	[AODB]	02.07-	113978	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120 A49				
	[AODE]	02.07-	113978	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120 A49				
	[SYDA]	02.07-	113978	14 120	02.07-	113906	12 1.2	
		02.07-	114065	14 120 A49				
C-Max 2.0 CNG	[SYDA]	04.09-	113978	14 120				
C-Max 2.0 LPG	[SYDA]	06.08-	113978	14 120				
C-Max 2.0 TDCi	[G6DA]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[G6DB]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[G6DC]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[G6DD]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[G6DE]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[G6DF]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[G6DG]	02.07-	113849	14 150 A49	02.07-	113911	12 2.2	A49
		02.07-	113922	14 120	02.07-	116157	12 2.2	
		02.07-	116294	14 150				
	[IXDA]	02.08-	113849	14 150 A49	02.08-	113911	12 2.2	A49
		02.08-	113922	14 120	02.08-	116157	12 2.2	
		02.08-	116294	14 150				
	[TXDB]	12.10-	115459	14 120	12.10-	116157	12 2.2	
					12.10-	113911	12 2.2	A49
	[TYDA]				02.11-	113911	12 2.2	A49
					02.11-	116157	12 2.2	
	[UFDB]	02.11-	115459	14 120	02.11-	116157	12 2.2	
					02.11-	113911	12 2.2	A49
Consul 1.7 1700	[TV17H]	01.72- 02.76	110759	14 35				
	[TV17L]	01.72- 12.75	110759	14 35				
Consul 2.0 2000	[TL20H]	03.72- 02.76	110759	14 35				
		03.72- 02.75	111086	14 65				
		01.72- 12.74	111086	14 65				
		03.72- 02.76	110759	14 35				
Consul 2.3 2300	[TV23H]	03.72- 02.75	110759	14 35				
Consul 3.0 3000	[EV30H]	01.72- 12.74	111086	14 65				
Cortina 1.3 1300		09.69- 03.72	110179	14 36	01.71- 03.72	110336	12 0.75	
		03.72	110178	14 36				
	RHD	01.70- 03.72	110178	14 36				
Cortina 1.6 1600		09.69- 03.72	110179	14 36	01.71- 03.72	110336	12 0.75	
		09.69- 03.72	110178	14 36				
Cortina 1.6 1600 GT		10.70- 03.72	110179	14 36	01.71- 03.72	110336	12 0.75	
		10.70- 03.72	110178	14 36				
Cortina 2.0 2000		01.70- 01.72	110179	14 36				
	RHD	01.70- 01.72	110178	14 36				
		01.71- 01.72	110178	14 36				
Cougar 2.0 16V	[EDBA]				AT 08.98-	112340	12 1.4	
					08.98-	112235	12 1.4	
	[EDBB]				AT 08.98- 12.00	112340	12 1.4	
	[EDBC]				AT 08.98- 12.00	112340	12 1.4	
	[EDBD]				AT 08.98- 12.00	112340	12 1.4	
Cougar 2.5 i ST 200	[SGA]	01.00- 12.01	112939	14 130	01.00-	111374	12 1.5	
Cougar 2.5 V6 24V	[LCBA]	08.98- 12.01	112939	14 130	08.98-	111374	12 1.5	
	[LCBB]				08.98- 12.00	111374	12 1.5	
	[LCBC]				06.00-	111374	12 1.5	
	[LCBE]				08.98- 12.00	111374	12 1.5	
Courier Box 1.0		04.89- 12.91	111289	14 70	04.89- 12.91	111131	12 0.8	
Courier Box 1.4	[FHA]	08.98- 04.02	113952	14 70	08.98- 04.02	111906	12 1.1	
E Series 5.8		01.92- 01.93	111200	14 130				
Econovan 1.4	[UC]	08.85- 03.92	110136	14 50				
Econovan 2.0 Diesel	[RF]	03.86- 03.92	110699	14 50	09.85- 03.92	110389	12 2.0	
		03.86- 03.92	110706	14 60				
Ecosport 1.5 Ti	[UEJB]	10.13-	114883	14 120	10.13-	111906	12 1.1	
Ecosport 1.5 TDCi	[UGJE]	10.13-	114724	14 150	10.13-	113905	12 1.4	A49
		10.13-	115459	14 120	10.13-	116159	12 1.4	



[XVJD]		05.15- 05.15-	114724 115459	14 150 14 120		05.15- 05.15-	113905 116159	12 1.4 12 1.4	A49
Escape 1.6 EcoBoost 4x4	[JTMA]					10.12- 04.15	116050	12 1.4	
Escape 2.0 4x4	[R9MA]					08.17-	113906	12 1.2	
Escort 1.1	[G1]	10.74- 08.80	110759	14 35		10.74- 08.80	110336	12 0.75	
		RHD 12.74- 08.80	110178	14 36		RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	111185	14 43	A47				
	[G2]	10.74- 08.80	110759	14 35		RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	110178	14 36		10.74- 08.80	110336	12 0.75	
		RHD 12.74- 08.80	111185	14 43	A47				
	[GLB]	09.80- 12.85	110759	14 35		RHD 09.80- 12.85	110831	12 0.8	
		09.80- 12.85	111289	14 70		09.80- 08.83	111131	12 0.8	
		09.80- 08.83	111362	14 55					
	[GMA]		09.80- 08.83	110759	14 35	09.80- 08.83	111131	12 0.8	
			09.80- 08.83	111289	14 70				
	[GPA]		09.80- 08.83	111289	14 70				
	[GSE]		09.80- 05.83	110759	14 35	RHD 09.80- 12.85	110831	12 0.8	
			09.80- 05.83	111289	14 70				
[GSG]	10.85- 07.90	111289	14 70		A13 01.86- 07.90	111131	12 0.8		
	12.85- 07.90	110891	14 70	A47					
	01.86- 07.90	111362	14 55						
Escort 1.1 1100	[G1]	01.68- 12.74	110178	14 36		01.68- 02.76	110336	12 0.75	
		01.75- 08.80	110759	14 35		RHD 11.75- 02.76	110831	12 0.8	
		RHD 01.75- 02.76	110179	14 36					
	[G2]	06.70- 12.74	110178	14 36		RHD 11.75- 02.76	110831	12 0.8	
		01.75- 08.80	110759	14 35		06.70- 02.76	110336	12 0.75	
		RHD 01.75- 02.76	110179	14 36					
Escort 1.1 Express	[GLB]	03.81- 05.83	110759	14 35		RHD 03.81- 12.85	110831	12 0.8	
		03.81- 12.85	111289	14 70					
	[GSG]	05.86- 07.90	110891	14 70	A47	A13 05.86- 07.90	111131	12 0.8	
		05.86- 07.90	111289	14 70					
05.86- 07.90		111362	14 55						
Escort 1.3	[J1]	08.76- 08.80	110759	14 35		08.76- 08.80	110336	12 0.75	
		RHD 08.76- 08.80	110178	14 36		RHD 08.76- 08.80	110831	12 0.8	
		RHD 08.76- 07.81	111185	14 43	A47				
	[J1F]	12.74- 08.80	110759	14 35		12.74- 08.80	110336	12 0.75	
		RHD 12.74- 08.80	110178	14 36		RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	111185	14 43	A47				
	[J2]	12.74- 08.80	110759	14 35		RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	110178	14 36		12.74- 08.80	110336	12 0.75	
		RHD 12.74- 08.80	111185	14 43	A47				
	[J3]	12.74- 08.80	110759	14 35		RHD 11.75- 08.80	110831	12 0.8	
		RHD 12.74- 08.80	110178	14 36		12.74- 08.80	110336	12 0.75	
		RHD 12.74- 08.80	111185	14 43	A47				
	[J4B]	07.90- 10.98	110891	14 70	A47	07.90- 09.01	111131	12 0.8	
		07.90- 10.00	111362	14 55		09.92- 01.02	113701	12 1.1	A49
		01.95- 10.00	111289	14 70					
	[J6A]	07.90- 02.99	110891	14 70	A47	01.95- 01.02	113701	12 1.1	A49
		07.90- 10.00	111289	14 70		07.90- 10.00	111131	12 0.8	
		07.90- 10.00	111362	14 55					
	[JBA]	07.88- 10.90	110891	14 70	A47	07.88- 07.90	111131	12 0.8	
		07.88- 07.90	111362	14 55					
	[JBB]	01.86- 07.90	110891	14 70	A47	A13 08.88- 07.90	111131	12 0.8	
		08.88- 07.90	111289	14 70					
		08.88- 07.90	111362	14 55					
	[JLA]	01.86- 07.90	110891	14 70	A47	A13 01.86- 07.90	111131	12 0.8	
		01.86- 07.90	111289	14 70					
		01.86- 07.90	111362	14 55					
	[JLB]	01.86- 07.90	110891	14 70	A47	A13 01.86- 07.90	111131	12 0.8	
		01.86- 07.90	111289	14 70					
		01.86- 07.90	111362	14 55					
	[JPA]	09.80- 05.83	110759	14 35					
		03.81- 12.85	111289	14 70					
	[KL13H]	01.75- 08.80	110759	14 35		01.75- 08.80	110336	12 0.75	
RHD 01.75- 08.80		110178	14 36		RHD 11.75- 08.80	110831	12 0.8		
RHD 04.75- 01.79		111185	14 43	A47					
		11.86- 07.88	111362	14 55	11.86- 07.88	111131	12 0.8		
Escort 1.3 1300	[J1F]	09.73- 12.74	110178	14 36		RHD 11.75- 02.76	110831	12 0.8	
		01.75- 08.80	110759	14 35		09.73- 02.76	110336	12 0.75	
		RHD 01.75- 02.76	110179	14 36					
	[J2]	06.70- 12.74	110178	14 36		RHD 11.75- 02.76	110831	12 0.8	
		01.75- 08.80	110759	14 35		06.70- 02.76	110336	12 0.75	
		RHD 01.75- 02.76	110179	14 36					
[J3D]	06.70- 12.74	110178	14 36		RHD 11.75- 02.76	110831	12 0.8		
	01.75- 08.80	110759	14 35		06.70- 02.76	110336	12 0.75		
	RHD 01.75- 02.76	110179	14 36						
Escort 1.3 Express	[JBA]	07.88- 07.90	110891	14 70	A47	07.88- 07.90	111131	12 0.8	
		07.88- 07.90	111362	14 55					
	[JBB]	02.86- 07.90	110891	14 70	A47	A13 02.86- 07.92	111131	12 0.8	
		02.86- 07.92	111289	14 70					
		02.86- 07.92	111362	14 55					
	[JBD]	07.90- 12.94	110891	14 70	A47	07.90- 12.94	111131	12 0.8	
		07.90- 12.94	111362	14 55					
	[JLA]	02.86- 07.90	110891	14 70	A47	A13 02.86- 07.92	111131	12 0.8	
		02.86- 07.92	111289	14 70					
		02.86- 07.92	111362	14 55					
	[JLB]	02.86- 07.90	110891	14 70	A47	A13 02.86- 07.92	111131	12 0.8	
02.86- 07.92		111289	14 70						
02.86- 07.92		111362	14 55						
[JPA]		03.81- 05.83	110759	14 35					
		03.81- 12.85	111289	14 70					
Escort 1.4	[F4B]	07.90- 01.95	111362	14 55		01.95- 09.01	111750	12 1.4	
		08.90- 01.95	110891	14 70	A47	07.90- 12.96	111131	12 0.8	
		02.94- 09.01	111289	14 70					
		PS 07.90- 01.95	111293	14 70					
		PS 01.95-	112680	14 70					
		AC 07.90- 01.95	111293	14 70					



Application list

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	[F6B]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	A13 01.86- 07.90	111131	12 0.8
	[F6D]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	A13 01.86- 07.90	111131	12 0.8
	[F6F]	07.90- 01.95 07.90- 12.94 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8
	[F6G]	07.90- 01.95 07.90- 12.94 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8
	[FUA]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	A13 01.86- 07.90	111131	12 0.8
	[FUC]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	A13 01.86- 07.90	111131	12 0.8
	[FUH]	07.90- 01.95 08.90- 01.95 08.93- 09.01 PS 07.90- 01.95 PS 01.95- AC 07.90- 01.95	111362 110891 111289 111293 112680 111293	14 55 14 70 14 70 14 70 14 70 14 70	A47	07.90- 01.95	111131	12 0.8
	[FUAA]	10.85- 10.90 10.85- 10.90 10.85- 10.90 10.85- 10.90	110891 111362 110891 111289	14 70 14 55 14 70 14 70	A47	A13 10.85- 10.90 10.85- 10.90	111131	12 0.8
Escort 1.4 Express	[F4B]	01.95- 01.95- PS 01.95-	111289 111362 112680	14 70 14 55 14 70		01.95-	111131	12 0.8
	[F6F]	07.90- 12.94 07.90- 12.94 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8
	[F6G]	07.90- 12.94 07.90- 12.94 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8
Escort 1.4 i	[F4B]	07.93- 01.95 07.93- 01.95	110891 111362	14 70 14 55	A47	07.93- 01.95	111131	12 0.8
Escort 1.4 i Express	[F6B]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70	A47	A13 01.86-	111131	12 0.8
	[F6D]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70	A47	A13 01.86-	111131	12 0.8
	[FUC]	01.86- 01.86- 02.86-	111289 111362 110891	14 70 14 55 14 70	A47	A13 01.86-	111131	12 0.8
Escort 1.6	[LGA]	01.82- 05.83 01.82- 05.83	110759 111289	14 35 14 70				
	[LJF]	07.90- 12.92 07.90- 12.92 PS 07.90- 09.92 AC 07.90- 09.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 09.92	111131	12 0.8
	[LP1]	09.80- 05.83 09.80- 12.85	110759 111289	14 35 14 70				
	[LP2]	01.86- 12.94 01.86- 07.90 01.86- 12.94	110891 111289 111362	14 70 14 70 14 55	A47	A13 01.86- 07.90	111131	12 0.8
	[LPA]	09.80- 05.83 09.80- 12.85	110759 111289	14 35 14 70				
	[LUA]	09.80- 05.83 09.80- 02.85	110759 111289	14 35 14 70				
	[LUG]	01.86- 07.90 01.86- 07.90 04.89- 07.90	111289 111362 110891	14 70 14 55 14 70	A47	A13 01.86- 07.90	111131	12 0.8
	[LUJ]	07.90- 08.92 07.90- 12.94 PS 07.90- 08.92 AC 07.90- 08.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8
	[LUK]	07.90- 08.92 07.90- 12.94 PS 07.90- 08.92 AC 07.90- 08.92	110891 111362 111293 111293	14 70 14 55 14 70 14 70	A47	07.90- 12.94	111131	12 0.8
Escort 1.6 RS	[LC]	12.74- 08.80	110759	14 35		RHD 11.75- 08.80 12.74- 08.80	110831 110336	12 0.8 12 0.75
Escort 1.6 XR3i	[LR1]	10.82- 12.85 10.82- 12.85	111289 111362	14 70 14 55				
	[LR2]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 07.90 01.86- 08.89	111750 111131	12 1.4 12 0.8
	[LRA]	10.82- 12.85 10.82- 12.85	111289 111362	14 70 14 55				
	[LRB]	01.86- 07.90 01.86- 07.90 01.86- 07.90	110891 111289 111362	14 70 14 70 14 55	A47	01.86- 07.90 01.86- 08.89	111750 111131	12 1.4 12 0.8
Escort 1.6 16V	[L1E]	02.95- PS 02.95- 07.00	111293 112680	14 70 14 70				
Escort 1.6 16V 4x4	[L1E]	02.95- PS 02.95-	111293 112680	14 70 14 70				



Escort 1.6 16V XR3i	[L1E]	12.92- 01.95	110891	14 70	A47	02.93- 01.95	111750	12 1.4
		02.93- 01.95	111293	14 70				
		02.93- 01.95	111362	14 55				
	PS	02.95-	112680	14 70				
		02.95-	111293	14 70				
	[L1H]	PS 02.95-	112680	14 70				
Escort 1.6 i 16V	[L1E]	09.92- 01.95	110891	14 70	A47	09.92- 01.95	111750	12 1.4
		09.92- 01.95	111293	14 70				
		09.92- 01.95	111362	14 55				
	[L1H]	01.94- 01.95	110891	14 70	A47	01.94- 01.95	111750	12 1.4
		01.94- 01.95	111293	14 70		01.95- 10.00	112235	12 1.4
		01.94- 01.95	111362	14 55				
	PS	01.95- 08.95	112680	14 70				
Escort 1.6 i	[L1E]	09.92- 01.95	111293	14 70		09.92- 01.95	111750	12 1.4
		09.92- 01.95	112680	14 70				
		PS 02.95-	112680	14 70				
	[L1K]	08.93- 01.95	110891	14 70	A47			
		08.93- 12.94	111362	14 55				
		07.94- 12.94	112680	14 70				
		02.95-	111293	14 70				
	PS	02.95-	112680	14 70				
	[L4B]	07.85- 07.90	111289	14 70		01.86- 09.92	111131	12 0.8
		01.86- 07.90	110891	14 70	A47	01.86- 07.90	111750	12 1.4
		01.86- 07.90	111362	14 55				
		08.89- 07.90	110891	14 70	A47	08.89- 07.90	111750	12 1.4
		08.89- 07.90	111289	14 70				
	08.89- 07.90	111362	14 55					
	[LR1]	09.83- 12.85	111289	14 70				
[LRA]	09.83- 12.85	111289	14 70					
Escort 1.6 i 1600 RS	[LUAE]	05.82- 12.85	111289	14 70				
Escort 1.6 Turbo RS	[LNA]	11.84- 12.85	111289	14 70				
		11.84- 12.85	111362	14 55				
	[LNB]	01.86- 07.90	110891	14 70	A47	01.86- 07.90	111131	12 0.8
		01.86- 07.90	111289	14 70				
		01.86- 07.90	111362	14 55				
Escort 1.6 Diesel	[LTA]	04.84- 01.89	111364	14 55		04.84- 12.85	110867	12 1.7
		04.84- 01.89	111368	14 70				
	[LTC]	01.86- 01.89	111176	14 75	A47	01.86- 01.89	110867	12 1.7
		01.86- 01.89	111364	14 55				
		01.86- 01.89	111368	14 70				
Escort 1.6 Diesel Express	[LTA]	04.84- 01.89	111364	14 55		02.84- 07.90	110227	12
		04.84- 01.89	111368	14 70		04.84- 01.89	110867	12 1.7
Escort 1.8 16V	[RDA]	02.92- 08.95	111293	14 70		01.95- 10.00	112235	12 1.4
		PS 01.95- 08.95	112680	14 70		02.92- 12.94	111750	12 1.4
	[RKC]	01.95-	111293	14 70		01.95- 10.00	112235	12 1.4
		PS 01.95-	112680	14 70				
Escort 1.8 16V XR3i	[RDA]	02.92- 01.95	111293	14 70		02.92- 01.95	111750	12 1.4
		PS 10.95-	112680	14 70				
	[RKC]	01.95-	111293	14 70				
		PS 01.95-	112680	14 70				
	[ROB]	02.92- 01.95	111293	14 70		02.92- 01.95	111750	12 1.4
PS	10.95-	112680	14 70					
Escort 1.8 16V XR3i 4X4	[RDA]	08.93- 01.95	111293	14 70		08.93- 01.95	111750	12 1.4
	[ROB]	08.93- 01.95	111293	14 70		08.93- 01.95	111750	12 1.4
Escort 1.8 i 16V	[RDA]	09.92- 01.95	111293	14 70		09.92- 01.95	111750	12 1.4
	[ROB]	02.93- 01.95	111293	14 70		02.93- 01.95	111750	12 1.4
Escort 1.8 Diesel	[RFD]	02.93- 01.95	111356	14 55		02.93- 01.95	112290	12 2.2
						02.93- 01.95	110867	12 1.7
	[RFK]	02.93- 01.95	111356	14 55		02.93- 01.95	112290	12 2.2
						02.93- 01.95	110867	12 1.7
	[RTA]	01.89- 07.90	111356	14 55		07.88- 07.90	110227	12
		01.89- 07.90	111364	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111368	14 70		A13 01.89- 07.90	112290	12 2.2
	RHD	01.89- 07.90	111356	14 55				
	[RTB]	01.89- 07.90	111356	14 55		07.88- 07.90	110227	12
		01.89- 07.90	111364	14 55		07.88- 07.90	110867	12 1.7
		01.89- 07.90	111368	14 70		A13 01.89- 07.90	112290	12 2.2
		RHD	01.89- 07.90	111356	14 55			
	[RTE]	07.90- 02.99	111356	14 55		07.90- 02.99	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 02.99	112290	12 2.2
		07.90- 12.94	111368	14 70				
		PS	01.95- 02.99	112121	14 70			
		AC	01.95- 02.99	112325	14 70			
[RTF]	07.90- 02.99	111356	14 55		07.90- 02.99	112290	12 2.2	
	07.90- 12.94	111364	14 55		07.90- 02.99	110867	12 1.7	
	07.90- 12.94	111368	14 70					
	PS	01.95- 02.99	112121	14 70				
	PS	01.95- 02.99	112325	14 70				
	AC	01.95- 02.99	112325	14 70				
[RTH]	07.90- 02.99	111356	14 55		07.90- 02.99	110867	12 1.7	
	07.90- 01.95	111364	14 55		07.90- 02.99	112290	12 2.2	
	07.90- 01.95	111368	14 70					
	PS	01.95- 02.99	112121	14 70				
	AC	01.95- 02.99	112325	14 70				
Escort 1.8 Diesel Express	[RTF]	01.95-	111356	14 55		01.95-	110867	12 1.7
		01.95-	112325	14 70		01.95-	112290	12 2.2
	[RTH]	07.90- 12.94	111356	14 55		07.90- 12.94	110867	12 1.7
		07.90- 12.94	111364	14 55		07.90- 12.94	112290	12 2.2
		07.90- 12.94	111368	14 70				
01.95-		112325	14 70					
Escort 1.8 TD	[RFD]	02.93- 09.01	111356	14 55		02.93- 07.00	112290	12 2.2
		02.93- 07.00	112325	14 70		02.93- 07.00	110867	12 1.7
		PS 01.97- 09.01	112121	14 70				
	[RFK]	02.93- 09.01	111356	14 55		02.93- 07.00	112290	12 2.2
		02.93- 10.98	112325	14 70		02.93- 07.00	110867	12 1.7
PS	01.95- 09.01	112121	14 70					



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	[RFS]	02.93- 01.95	111356	14 55		02.93- 01.95	112290	12 2.2
		PS 02.93- 01.95	112325	14 70		02.93- 01.95	110867	12 1.7
		AC 02.93- 01.95	112325	14 70				
	[RVA]	01.95- 08.99	111356	14 55		01.95- 09.01	110867	12 1.7
		01.95- 09.99	112325	14 70		01.95- 09.01	112290	12 2.2
		01.97- 09.01	112121	14 70				
Escort 1.8 TD Express	[RVA]	12.95- 10.98	112325	14 70		12.95- 10.98	112290	12 2.2
		PS 01.97- 06.01	112121	14 70		12.95- 10.98	110867	12 1.7
Escort 2.0 RS	[NE]	03.73- 08.80	111086	14 65				
Escort 2.0 RS 2000	[N7A]	09.92- 02.98	110891	14 70 A47		09.92- 01.95	111750	12 1.4
Escort 2.0 RS 2000 4x4	[N7A]	08.93- 01.95	110891	14 70 A47				
Escort 2.0 16V RS 2000	[N7A]	05.91- 12.92	110891	14 70 A47		05.91- 12.92	111750	12 1.4
Escort 2.0 16V RS Cosworth 4x4	[N5F]					02.95- 10.98	111131	12 0.8
Explorer 4.0 V6		01.93-	111200	14 130		01.93-	111844	12 1.4
Explorer 4.0 V6 4x4		05.98-	112946	14 130				
Fiesta 0.9	[TKW]	05.76- 08.83	111289	14 70				
Fiesta 1.0	[P4JA]	10.12-	115933	14 150		10.12-	115555	12 1.0
	[P4JB]	10.12-	115933	14 150		10.12-	115555	12 1.0
	[TKA]	05.76- 11.86	111289	14 70				
	[TKB]	08.83- 11.89	111362	14 55	A13	08.83- 11.89	111131	12 0.8
		09.83- 02.89	111289	14 70				
	[TLA]	05.76- 08.83	111289	14 70				
	[TLB]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
		RHD	111362	14 55				
	[XMJA]	01.13-	115933	14 150		01.13-	115555	12 1.0
	[XMJB]	01.13-	115933	14 150		01.13-	115555	12 1.0
	[YYJA]	05.14-	115933	14 150		05.14-	115555	12 1.0
	[YYJB]	05.14-	115933	14 150		05.14-	115555	12 1.0
Fiesta 1.0 EcoBoost	[M1JE]	09.12-	115933	14 150		09.12-	115555	12 1.0
	[SFJA]	01.13-	115933	14 150		01.13-	115555	12 1.0
	[SFJB]	01.13-	115933	14 150		01.13-	115555	12 1.0
	[SFJC]	01.13-	115933	14 150				
	[XMJB]	01.13-	115933	14 150				
Fiesta 1.0 i	[C4E]	09.99-	113447	14 70				
	[ZH10JRB]	02.97- 09.99	113447	14 70				
Fiesta 1.1	[G6A]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
	[GL1]	10.77- 11.86	111289	14 70				
	[GLA]	05.76- 11.86	111289	14 70				
	[GLC]	09.83- 02.89	111289	14 70	A13	09.83- 02.89	111131	12 0.8
		09.83- 02.89	111362	14 55				
	[GLW]	08.81- 08.83	111289	14 70				
	[GSF]	09.83- 02.89	111289	14 70	A13	09.83- 02.89	111131	12 0.8
		09.83- 02.89	111362	14 55				
	[GSH]	01.86- 02.89	111362	14 55 A31	A13	05.86- 02.89	111131	12 0.8
		05.86- 02.89	111289	14 70				
	[GUD]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
	[GUE]	03.89- 12.95	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		03.89- 12.95	111362	14 55				
Fiesta 1.2	[SNJB]	06.08-	114883	14 120		06.08-	111906	12 1.1
	[STJB]	06.08-	114883	14 120		06.08-	111906	12 1.1
Fiesta 1.2 16V	[FUJA]					05.02-	111906	12 1.1
	[FUJB]	AC 05.02-	114129	14 90		05.02-	111906	12 1.1
	[M7JA]	AC 03.03-	114129	14 90		03.03-	111906	12 1.1
	[M7JB]	AC 03.03-	114129	14 90		03.03-	111906	12 1.1
Fiesta 1.2 i 16V	[DHA]	08.95- 01.02	113952	14 70		10.95-	111906	12 1.1
	[DHB]	08.95- 01.02	113952	14 70		10.98-	111906	12 1.1
	[DHC]	08.95- 01.02	113952	14 70		11.95-	111906	12 1.1
	[DHD]	08.95- 01.02	113952	14 70		08.95-	111906	12 1.1
	[DHE]	02.00- 01.02	113952	14 70		08.95-	111906	12 1.1
	[DHF]	02.00- 01.02	113952	14 70		08.95-	111906	12 1.1
	[DHG]	02.00- 01.02	113952	14 70		08.95-	111906	12 1.1
Fiesta 1.3	[A9JA]	11.01-	113883	14 90		11.01-	114162	12 1.1
	[A9JB]	11.01-	113883	14 90		11.01-	114162	12 1.1
	[BAJA]	11.01-	113883	14 90		11.01-	114162	12 1.1
	[J3E]	08.77- 08.83	111289	14 70				
		10.81- 08.83	111362	14 55				
	[J4C]					02.96-	111680	12 1.1
						02.96-	113701	12 1.1 A49
		PS 02.96-	113447	14 70				
	[J6B]	05.91- 02.96	111362	14 55		05.91- 02.96	111131	12 0.8
		01.97	110891	14 70 A47		01.95- 10.98	113701	12 1.1 A49
	[JBC]	03.89- 12.92	110891	14 70 A47		03.89- 12.95	111131	12 0.8
		06.91- 12.95	111362	14 55				
		RHD 02.84- 12.88	111364	14 55				
		RHD 02.84- 12.96	111368	14 70				
	[JPC]	09.83- 01.87	110891	14 70 A47	A13	01.86- 01.87	111131	12 0.8
		09.83- 01.87	111289	14 70				
		09.83- 01.87	111362	14 55				
		RHD 02.84- 01.87	111364	14 55				
		RHD 02.84- 01.87	111368	14 70				
Fiesta 1.3 i	[J4C]					08.95- 01.02	111680	12 1.1
		PS 01.96-	113447	14 70		08.95- 01.02	113701	12 1.1 A49
	[J4J]					08.95- 01.02	111680	12 1.1
		PS 10.98-	113447	14 70		08.95- 01.02	113701	12 1.1 A49
	[J4L]	08.95-	111362	14 55		08.95- 01.02	113701	12 1.1 A49
		PS 03.00-	113447	14 70		08.95- 01.02	111680	12 1.1
		AC 08.95- 02.00	113447	14 70				
	[J4Q]	08.95-	111362	14 55		08.95- 01.02	111680	12 1.1
		PS 03.00-	113447	14 70		08.95- 01.02	113701	12 1.1 A49
		AC 08.95- 02.00	113447	14 70				
	[J4R]	08.95-	111362	14 55		08.95- 01.02	111680	12 1.1
		PS 03.00-	113447	14 70		08.95- 01.02	113701	12 1.1 A49
		AC 08.95- 02.00	113447	14 70				



[J4T]	08.95-	111362	14 55	08.95- 01.02	111680	12 1.1
	PS 03.00-	113447	14 70	08.95- 01.02	113701	12 1.1 A49
	AC 08.95- 02.00	113447	14 70			
[JBC]	08.95-	111362	14 55	08.95- 01.02	111680	12 1.1
	PS 03.00-	113447	14 70	08.95- 01.02	113701	12 1.1 A49
	AC 08.95- 02.00	113447	14 70			
[JJA]	PS 01.96-	113447	14 70	08.95- 01.02	111680	12 1.1
[JJC]				02.96-	113701	12 1.1 A49
	PS 10.98-	113447	14 70	08.95- 01.02	111680	12 1.1
[JJE]	PS 03.00-	113447	14 70	02.96-	113701	12 1.1 A49
	AC 08.95- 02.00	113447	14 70	08.95- 01.02	111680	12 1.1
[JJJ]	08.95-	111362	14 55	02.96-	113701	12 1.1 A49
	PS 03.00-	113447	14 70	08.95- 01.02	111680	12 1.1
	AC 08.95- 02.00	113447	14 70			
[JJK]	08.95-	111362	14 55	02.96-	113701	12 1.1 A49
	PS 03.00-	113447	14 70	08.95- 01.02	111680	12 1.1
	AC 08.95- 02.00	113447	14 70			
[JJM]	08.95-	111362	14 55	08.95- 01.02	111680	12 1.1
	PS 08.95-	113447	14 70	02.96-	113701	12 1.1 A49
	AC 08.95- 02.00	113447	14 70			
Fiesta 1.4	[F4A]	03.89- 12.95	111176	14 75 A47	01.94- 12.95	111131 12 0.8
		01.94- 12.95	111364	14 55	01.94- 12.95	111750 12 1.4
[F6A]	10.86- 02.89	110891	14 70 A47	A13 10.86- 02.89	111131	12 0.8
	10.86- 02.89	111362	14 55			
	RHD 10.86- 02.89	111364	14 55			
	RHD 10.86- 02.89	111368	14 70			
[F6C]	10.86- 02.89	110891	14 70 A47	A13 10.86- 02.89	111131	12 0.8
	10.86- 02.89	111362	14 55			
	RHD 10.86- 02.89	111364	14 55			
	RHD 10.86- 02.89	111368	14 70			
[F6E]	03.89- 12.95	111176	14 75 A47	11.91- 12.95	111750 12 1.4	
				03.89- 12.95	111131 12 0.8	
[FUB]	09.83- 02.89	111362	14 55	A13 01.86- 02.89	111131	12 0.8
	10.85- 11.89	110891	14 70 A47			
	RHD 09.83- 12.95	111364	14 55			
	RHD 09.83- 12.95	111368	14 70			
[FUBA]	09.83- 01.87	110891	14 70 A47			
[FUD]	02.87- 02.89	110891	14 70 A47	A13 02.87- 02.89	111131	12 0.8
	02.87- 02.89	111176	14 75 A47			
	02.87- 02.89	111362	14 55			
	RHD 02.87- 02.89	111364	14 55			
	RHD 02.87- 02.89	111368	14 70			
[FUG]	03.89- 12.95	111176	14 75 A47	03.89- 12.95	111131 12 0.8	
	03.89- 12.95	111364	14 55	11.91- 12.95	111750 12 1.4	
[FUJ]	03.89- 12.95	111176	14 75 A47	03.89- 12.95	111131 12 0.8	
	03.89- 12.95	111364	14 55	11.91- 12.95	111750 12 1.4	
[SPJA]	10.08-	114883	14 120	10.08-	111906 12 1.1	
[SPJC]	10.08-	114883	14 120	10.08-	111906 12 1.1	
Fiesta 1.4 i 16V	[FHA]	04.96- 01.02	113952	14 70	10.95-	111906 12 1.1
	[FHE]	04.96- 01.02	113952	14 70	04.96- 12.00	111906 12 1.1
[FXJA]	AC 11.01-	114129	14 90	11.01-	111906 12 1.1	
[FXJB]				11.01-	111906 12 1.1	
Fiesta 1.4 i	[FHA]	04.96- 10.99	113952	14 70	04.96-	111906 12 1.1
Fiesta 1.4 LPG	[RTJA]	01.09-	114883	14 120	01.09-	111906 12 1.1
	[RTJB]	01.09-	114883	14 120	01.09-	111906 12 1.1
Fiesta 1.4 TDCi	[F6JA]	11.01-	113912	14 80	11.01-	113905 12 1.4 A49
		11.01-	114128	14 150	11.01- 06.08	116159 12 1.4
		11.01- 06.08	116362*	14 80		
	[F6JB]	11.01-	113912	14 80	11.01-	113905 12 1.4 A49
		11.01-	114128	14 150	11.01- 06.08	116159 12 1.4
		11.01- 06.08	116362*	14 80		
[F6JD]				07.10-	113905 12 1.4 A49	
				07.10-	116159 12 1.4	
[KVJA]	07.10-	114724	14 150	07.10-	113905 12 1.4 A49	
	07.10-	114866	14 120	07.10-	116159 12 1.4	
Fiesta 1.5 TDCi	[UGJC]	09.12-	115459	14 120	09.12-	116159 12 1.4
				09.12-	113905 12 1.4 A49	
	[XVJB]	05.15-	115459	14 120	05.15-	113905 12 1.4 A49
				05.15-	116159 12 1.4	
[XVJC]	05.15-	115459	14 120	05.15-	116159 12 1.4	
				05.15-	113905 12 1.4 A49	
Fiesta 1.6	[HXJA]	10.08-	114883	14 120	10.08-	111906 12 1.1
	[HXJB]	10.08-	114883	14 120	10.08-	111906 12 1.1
	[LUH]	01.89- 01.94	111176	14 75 A47	01.89- 01.94	111131 12 0.8
	01.89- 01.94	111364	14 55	11.91- 01.94	111750 12 1.4	
	RHD 01.89-	111086	14 65			
Fiesta 1.6 ST	[JTJA]			03.13-	116049 12 1.2 A49	
Fiesta 1.6 XR2	[L3E]	08.81- 08.83	111289	14 70		
		08.81- 02.89	111362	14 55		
	[LUB]	04.84- 02.89	110891	14 70 A47		
		04.84- 02.89	111289	14 70		
		04.84- 02.89	111362	14 55		
		04.84- 02.89	111364	14 55		
[LUD]	03.84- 02.89	110891	14 70 A47			
	03.84- 02.89	111289	14 70			
	03.84- 02.89	111362	14 55			
	03.84- 12.95	111364	14 55			
Fiesta 1.6 XR2i	[LJC]	03.89- 01.94	111176	14 75 A47	03.89- 12.95	111131 12 0.8
		03.89- 12.95	111364	14 55	11.91- 12.95	111750 12 1.4
[LJD]	03.89- 03.93	111176	14 75 A47	03.89- 12.95	111131 12 0.8	
	03.89- 12.95	111364	14 55	11.91- 12.95	111750 12 1.4	
Fiesta 1.6 16V	[FYJA]	AC 11.01-	114129	14 90	11.01-	111906 12 1.1
	[FYJB]	AC 11.01-	114129	14 90		
Fiesta 1.6 16V Sport	[L1T]	02.00- 01.02	113952	14 70	10.99-	111906 12 1.1
	[L1V]	02.00- 01.02	113952	14 70	10.99-	111906 12 1.1
Fiesta 1.6 i 16V	[L1G]	01.94- 12.95	111293	14 70	01.94- 12.95	111750 12 1.4



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Fiesta 1.6 Ti	[IQJA]	09.12-	114883	14	120		09.12-	111906	12	1.1
	[U5JA]	12.10-	114883	14	120		12.10-	111906	12	1.1
Fiesta 1.6 Turbo	[LHA]	03.90- 10.92	111176	14	75 A47		03.90- 10.92	111131	12	0.8
		03.90- 10.92	111364	14	55					
Fiesta 1.6 Diesel	[LTB]	04.84- 02.89	111356	14	55		04.84- 02.89	110867	12	1.7
		04.84- 02.89	111364	14	55					
		04.84- 02.89	111368	14	70					
Fiesta 1.6 TDCI	[HHJA]	11.04- 09.09	113849	14	150 A49		11.04- 09.09	113905	12	1.4 A49
		11.04- 09.09	113922	14	120		11.04- 09.09	116159	12	1.4
		11.04- 09.09	116294	14	150					
	[HHJB]	11.04- 09.09	113849	14	150 A49		11.04- 09.09	113905	12	1.4 A49
		11.04- 09.09	113922	14	120		11.04- 09.09	116159	12	1.4
		11.04- 09.09	116294	14	150					
	[HHJC]	06.08-	114724	14	150		06.08-	113905	12	1.4 A49
		06.08-	114866	14	120		06.08-	116159	12	1.4
	[HHJD]	01.09-	115459	14	120					
		01.09-	114724	14	150		06.08-	113905	12	1.4 A49
	[HHJE]	01.09-	114866	14	120		06.08-	116159	12	1.4
		01.09-	115459	14	120					
	[HHJE]	06.08-	114724	14	150		06.08-	113905	12	1.4 A49
		06.08-	114866	14	120		06.08-	116159	12	1.4
	[HHJE]	01.09-	115459	14	120					
		01.09-	114724	14	150		06.08-	113905	12	1.4 A49
	[HHJF]	06.08-	114866	14	120		06.08-	116159	12	1.4
		06.08-	114724	14	150		06.08-	113905	12	1.4 A49
	[T3JA]						A25 02.10-	116421*	12	2.0
							02.10-	113905	12	1.4 A49
						02.10-	116159	12	1.4	
						02.10-	116159	12	1.4	
[TZJA]	02.10-	114724	14	150		02.10-	116159	12	1.4	
	02.10-	114866	14	120		A25 02.10-	116421*	12	2.0	
[TZJB]	02.10-	114724	14	150		02.10-	113905	12	1.4 A49	
	02.10-	114866	14	120		02.10-	116159	12	1.4	
[UBJA]	06.08-	114724	14	150		06.08-	113905	12	1.4 A49	
	06.08-	114866	14	120		06.08-	116159	12	1.4	
Fiesta 1.8 16V	[RDB]	02.92- 12.95	111293	14	70		02.92- 12.95	111750	12	1.4
Fiesta 1.8 16V XR2i	[RQC]	02.92- 12.95	111293	14	70		02.92- 12.95	111750	12	1.4
		02.92-	111131	14	70		02.92-	111131	12	0.8
Fiesta 1.8 Diesel	[RTC]	03.89- 02.96	111356	14	55		03.89- 02.96	112290	12	2.2
		03.89- 02.96	111364	14	55		03.89- 02.96	110867	12	1.7
	[RTD]	03.89- 02.96	111356	14	55		03.89- 02.96	110867	12	1.7
		03.89- 02.96	111364	14	55		03.89- 02.96	112290	12	2.2
	[RTG]	03.89- 02.96	111356	14	55		03.89- 02.96	110867	12	1.7
		03.89- 02.96	111364	14	55		03.89- 02.96	112290	12	2.2
	[RTJ]	01.96-	112121	14	70		01.96-	112290	12	2.2
		01.96-	112121	14	70		01.96-	110867	12	1.7
	[RTK]	01.96-	112121	14	70		01.96-	112290	12	2.2
		01.96-	112121	14	70		01.96-	110867	12	1.7
	[RTN]	04.00- 01.02	112654	14	90		04.00- 01.02	110867	12	1.7
		04.00- 01.02	113599	14	80		04.00- 01.02	112290	12	2.2
	[RTP]	04.00- 01.02	112654	14	90		02.00- 12.02	112290	12	2.2
04.00- 01.02		113599	14	80						
[RTQ]	04.00- 01.02	112654	14	90		02.00- 12.02	112290	12	2.2	
	04.00- 01.02	113599	14	80						
Fiesta 1.8 TD	[RFL]	03.93- 12.95	111356	14	55		03.93- 12.95	112290	12	2.2
		03.93- 12.95	111356	14	55		03.93- 12.95	110867	12	1.7
[RTN]	03.00-	112654	14	90		03.00-	112290	12	2.2	
	03.00-	113599	14	80						
Fiesta Van 1.0 EcoBoost	[M1JE]	09.12-	115933	14	150					
	[P4JA]	10.12-	115933	14	150		10.12-	115555	12	1.0
	[P4JB]	10.12-	115933	14	150		10.12-	115555	12	1.0
	[P4JC]	10.12-	115933	14	150		10.12-	115555	12	1.0
	[P4JD]	10.12-	115933	14	150		10.12-	115555	12	1.0
	[SFJA]	01.13-	115933	14	150					
	[SFJD]	01.13-	115933	14	150					
	[XMJA]	01.13-	115933	14	150					
	[YYJA]	05.14-	115933	14	150					
[YYJB]	05.14-	115933	14	150						
Fiesta Van 1.5 TDCI	[XVJB]	05.15-	115459	14	120		05.15-	116159	12	1.4
		05.15-	115459	14	120		05.15-	113905	12	1.4 A49
	[XVJC]	05.15-	115459	14	120		05.15-	116159	12	1.4
[XVJD]	05.15-	115459	14	120		05.15-	113905	12	1.4 A49	
	05.15-	115459	14	120		05.15-	116159	12	1.4	
Figo 1.2	[YSKD]	06.16-	114883	14	120		06.16-	111906	12	1.1
[YSKE]	06.16-	114883	14	120		06.16-	111906	12	1.1	
Focus 1.0 EcoBoost	[M1DA]	02.12-	115933	14	150		A25 02.12-	115555	12	1.0
	[M1DH]	10.17-	115933	14	150		A25 10.17-	115555	12	1.0
	[M2DA]						10.17-	115555	12	1.0
[M2DA]						A25 02.12-	115555	12	1.0	
Focus 1.4	[ASDA]	11.04-	114009	14	105		11.04-	111906	12	1.1
		11.04-	115601	14	120					
		04.05-	111795	14	80					
		04.05-	111795	14	80		11.04-	111906	12	1.1
	[ASDB]	11.04-	111795	14	80		11.04-	111906	12	1.1
		11.04-	114009	14	105					
		11.04-	115601	14	120					
		04.99- 03.05	114009	14	105		04.99- 03.05	111906	12	1.1
[ASDE]	04.99- 03.05	113952	14	70						
[ASDF]	04.99- 03.05	111795	14	80						
Focus 1.4 i 16V	[FXDA]	10.98- 11.04	113952	14	70		10.98-	111906	12	1.1
		02.99- 06.03	111795	14	80					
	[FXDB]	10.98-	111795	14	80		10.98-	111906	12	1.1
		10.98- 11.04	113952	14	70					
	[FXDC]	10.98- 11.04	113952	14	70		10.98-	111906	12	1.1
[FXDD]	02.99- 06.03	111795	14	80						
[FXDE]	10.98-	111795	14	80		10.98-	111906	12	1.1	
[FXDF]	10.98- 11.04	113952	14	70						
Focus 1.5 EcoBoost	[M8DA]						09.14-	116050	12	1.4 A49
	[M8DB]						09.14-	116050	12	1.4 A49



	[M9DA]					09.14-	116050	12 1.4	A49
	[M9DB]					09.14-	116050	12 1.4	A49
Focus 1.5 TDCi	[.XWDB]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
	[.XWDC]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
	[.XWDD]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
	[XWDA]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
	[XWDA, XWDD, XWDC, XWDB]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
	[XWDB]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
	[XWDC]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
					09.14-	113908	12 1.2	A49	
[XWDD]	09.14-	114724	14 150		09.14-	116062	12 1.2		
	09.14-	115459	14 120		A25 09.14-	116316	12 2.0		
					09.14-	113908	12 1.2	A49	
[XWDD, XWDC, XWDA, XWDB]	09.14-	114724	14 150		09.14-	116062	12 1.2		
	09.14-	115459	14 120		A25 09.14-	116316	12 2.0		
					09.14-	113908	12 1.2	A49	
[XWDD, XWDC, XWDB, XWDA]	11.14-	114724	14 150		11.14-	116062	12 1.2		
	11.14-	115459	14 120		A25 11.14-	116316	12 2.0		
					11.14-	113908	12 1.2		
[XXDA]	09.14-	114724	14 150		09.14-	116062	12 1.2		
	09.14-	115459	14 120		A25 09.14-	116316	12 2.0		
					09.14-	113908	12 1.2	A49	
[XXDA, XXDC]	09.14-	114724	14 150		09.14-	116062	12 1.2		
	09.14-	115459	14 120		A25 09.14-	116316	12 2.0		
					09.14-	113908	12 1.2	A49	
[XXDC]	09.14-	114724	14 150		09.14-	116062	12 1.2		
	09.14-	115459	14 120		A25 09.14-	116316	12 2.0		
					09.14-	113908	12 1.2	A49	
Focus 1.5 TDCi ECONetic	[XXDB]	09.14-	114724	14 150		09.14-	116062	12 1.2	
		09.14-	115459	14 120		A25 09.14-	116316	12 2.0	
						09.14-	113908	12 1.2	A49
Focus 1.6	[HWDA]	11.04-	114009	14 105		11.04-	111906	12 1.1	
		11.04-	115601	14 120					
	[HWDB]	11.04-	114009	14 105		11.04-	111906	12 1.1	
		11.04-	115601	14 120					
	[SHDA]	11.04-	114009	14 105		11.04-	111906	12 1.1	
		11.04-	115601	14 120					
	[SHDB]	11.04-	114009	14 105		11.04-	111906	12 1.1	
		11.04-	115601	14 120					
	[SHDC]	11.04-	114009	14 105		11.04-	111906	12 1.1	
		11.04-	115601	14 120					
	04.99- 03.05	113883	14 90		04.99- 03.05	114162	12 1.1		
	04.99- 03.05	111795	14 80		04.99- 03.05	111906	12 1.1		
	04.99- 03.05	115762	14 90						
	04.99- 03.05	114009	14 105						
	04.99- 03.05	113952	14 70						
Focus 1.6 C-Max	[HWDA]	10.03- 03.07	111795	14 80		10.03-	111906	12 1.1	
		10.03- 03.07	114009	14 105					
		10.03- 03.07	115601	14 120					
	[HWDB]	10.03- 03.07	114009	14 105					
		10.03- 03.07	115601	14 120					
Focus 1.6 EcoBoost	[JODA]	04.11- 06.14	115959	14 120		04.11- 06.14	116049	12 1.2	A49
	[JODB]	04.11- 06.14	115959	14 120		04.11- 06.14	116049	12 1.2	A49
	[JTDA]	04.11- 06.14	115959	14 120		04.11- 06.14	116049	12 1.2	A49
	[JTDB]	04.11- 06.14	115959	14 120		04.11- 06.14	116049	12 1.2	A49
	[YUDA]	04.11- 06.14	115959	14 120		04.11- 06.14	116049	12 1.2	A49
Focus 1.6 LPG	[MUDA]	02.12-	114883	14 120		02.12-	111906	12 1.1	
Focus 1.6 Ti	[IQDB]	01.11-	114883	14 120		01.11-	111906	12 1.1	
Focus 1.6 FlexFuel	[FYDA]	01.02- 11.04	113952	14 70					
		01.02- 11.04	114009	14 105					
		01.02- 11.04	115762	14 90					
	[FYDH]	01.02- 11.04	113952	14 70					
		01.02- 11.04	114009	14 105					
		01.02- 11.04	115762	14 90					
Focus 1.6 i 16V	[FYDA]	10.98-	111795	14 80		10.98-	111906	12 1.1	
		10.98- 11.04	113952	14 70					
		10.98- 11.04	115762	14 90					
	[FYDB]	10.98-	111795	14 80		10.98-	111906	12 1.1	
		10.98- 11.04	113952	14 70					
		10.98- 11.04	115762	14 90					
	[FYDC]	10.98-	111795	14 80		10.98-	111906	12 1.1	
		10.98- 11.04	113952	14 70					
		10.98- 11.04	115762	14 90					
	[FYDD]	10.98-	111795	14 80		10.98-	111906	12 1.1	
		10.98- 11.04	113952	14 70					
		10.98- 11.04	115762	14 90					
[FYDH]	10.98- 11.04	113952	14 70						
	10.98- 11.04	115762	14 90						
Focus 1.6 Ti	[HXDA]	11.04-	114009	14 105		11.04-	111909	12 1.1	
		11.04-	115601	14 120		11.04-	115504	12 1.1	A49
						11.04-	111906	12 1.1	
	[HXDB]	11.04-	114009	14 105		11.04-	111909	12 1.1	
		11.04-	115601	14 120		11.04-	115504	12 1.1	A49
	04.05-	111795	14 80		11.04-	111906	12 1.1		



Application list

FORD Continued

	[MUDA]	02.12-	114883	14 120		02.12-	111906	12 1.1
	[XTDA]	08.11-	114883	14 120		08.11-	111906	12 1.1
Focus 1.6 Ti C-Max	[HXDA]	08.04-	114009	14 105		08.04-	111906	12 1.1
		08.04- 03.07	115601	14 120				
	[SIDA]	08.04-	114009	14 105		08.04-	111906	12 1.1
		08.04- 03.07	115601	14 120				
Focus 1.6 LPG	[SIDA]	10.09-	114009	14 105		10.09-	111906	12 1.1
		10.09-	115601	14 120				
Focus 1.6 Flexifuel	[YUDA]	07.13-	115959	14 120		07.13-	116049	12 1.2 A49
Focus 1.6 TDCi ECOnetic	[NGDA]					A25 05.12-	116316	12 2.0
						05.12-	113908	12 1.2 A49
						05.12-	116062	12 1.2
Focus 1.6 TDCi	[G8DA]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	115460	14 160				
		11.04-	116294	14 150				
	[G8DB]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	116294	14 150				
	[G8DC]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	115460	14 160				
		11.04-	116294	14 150				
	[G8DD]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	116294	14 150				
	[G8DE]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	116294	14 150				
	[G8DF]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	116294	14 150				
	[GPDA]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	116294	14 150				
	[GPDC]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	116294	14 150				
	[HHDA]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49
		11.04-	113922	14 120		11.04-	116062	12 1.2
		11.04-	115460	14 160				
		11.04-	116294	14 150				
[HHDB]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49	
	11.04-	113922	14 120		11.04-	116062	12 1.2	
	11.04-	116294	14 150					
[MTDA]	11.04-	113849	14 150 A49		11.04-	113908	12 1.2 A49	
	11.04-	113922	14 120		11.04-	116062	12 1.2	
	11.04-	116294	14 150					
[T1DA]		04.11-	114724	14 150		04.11-	116062	12 1.2
		02.12-	115459	14 120		A25 04.11-	116316	12 2.0
						04.11-	113908	12 1.2 A49
[T1DB]		04.11-	114724	14 150		04.11-	116062	12 1.2
		02.12-	115459	14 120		A25 04.11-	116316	12 2.0
						04.11-	113908	12 1.2 A49
[T3DA]		04.11-	114724	14 150		A25 04.11-	116316	12 2.0
						04.11-	113908	12 1.2 A49
						04.11-	116062	12 1.2
[T3DB]		04.11-	114724	14 150		A25 04.11-	116316	12 2.0
		04.11-	115459	14 120		04.11-	116062	12 1.2
						04.11-	113908	12 1.2 A49
Focus 1.6 TDCi C-Max	[G8DA]	10.03- 03.07	113849	14 150 A49		10.03- 03.07	113908	12 1.2 A49
		10.03- 03.07	113922	14 120		10.03- 03.07	116062	12 1.2
		10.03- 03.07	115460	14 160				
		10.03- 03.07	116294	14 150				
	[G8DB]	10.03- 03.07	113849	14 150 A49		10.03- 03.07	113908	12 1.2 A49
		10.03- 03.07	113922	14 120		10.03- 03.07	116062	12 1.2
		10.03- 03.07	116294	14 150				
	[HHDA]	02.05- 03.07	113849	14 150 A49		02.05- 03.07	113908	12 1.2 A49
		02.05-	113922	14 120		02.05- 03.07	116062	12 1.2
		02.05- 03.07	115460	14 160				
		02.05- 03.07	116294	14 150				
	[HHDB]	02.05- 03.07	113849	14 150 A49		02.05- 03.07	113908	12 1.2 A49
	02.05-	113922	14 120		02.05- 03.07	116062	12 1.2	
	02.05- 03.07	116294	14 150					
Focus 1.8	[O7DA]	03.06-	113978	14 120		03.06-	113906	12 1.2
		03.06-	114065	14 120 A49				
	[OQDB]	03.06-	113978	14 120		03.06-	113906	12 1.2
		03.06-	114065	14 120 A49				
	[OQDC]	09.05- 03.07	113978	14 120		09.05- 03.07	113906	12 1.2
	09.05- 03.07	114065	14 120 A49					
		04.99- 03.05	112143	14 80		04.99- 03.05	112235	12 1.4
Focus 1.8 C-Max	[CSDA]	10.03- 03.07	113978	14 120		10.03- 03.07	113906	12 1.2
		10.03- 03.07	114065	14 120 A49				
	[CSDB]	10.03- 03.07	113978	14 120		10.03- 03.07	113906	12 1.2
		10.03- 03.07	114065	14 120 A49				
	[O7DA]	06.03-	113978	14 120		04.04-	113906	12 1.2
		04.04-	114065	14 120 A49				
	[OQDA]	06.03- 03.07	113978	14 120		04.04-	113906	12 1.2
		04.04-	114065	14 120 A49				
[OQDB]	06.03-	113978	14 120		04.04-	113906	12 1.2	
	04.04-	114065	14 120 A49					
Focus 1.8 C-Max Flexifuel	[O7DA]	01.06-	114065	14 120 A49				
Focus 1.8 ST	[R9DA]					07.12-	113906	12 1.2
Focus 1.8 FlexFuel	[O7DA]	01.06-	113978	14 120		06.06-	113906	12 1.2
		01.06-	114065	14 120 A49				
Focus 1.8 i 16V	[EYDC]	10.98-	112143	14 80		A13 10.98-	112235	12 1.4
Focus 1.8 TDCi	[F9DA]	03.01-	112142	14 90		03.01- 11.04	114119	12 2.2



	[F9DB]	03.01-	112142	14	90		03.01- 11.04	114119	12	2.2
	[FFDA]	09.02-	112142	14	90		09.02- 11.04	114119	12	2.2
	[KKDA]	11.04- 01.08	114804	14	105		11.04-	114092	12	2.0
		11.04- 01.08	115579	14	120					
	AC, w/electrical heating system	11.04-	114248	14	150					
	AC	11.04- 01.08	114250	14	120					
	[KKDB]	11.04- 01.08	114248	14	150		11.04- 01.08	114092	12	2.0
		11.04- 01.08	114250	14	120					
		11.04- 01.08	114804	14	105					
		11.04- 01.08	115579	14	120					
		08.01- 03.05	112142	14	90		08.01- 03.05	114119	12	2.2
Focus 1.8 TDCi C-Max	[KKDA]	01.05- 03.07	114804	14	105		01.05-	114092	12	2.0
		01.05- 03.07	115579	14	120					
	AC, w/electrical heating system	01.05-	114248	14	150					
	AC	01.05- 03.07	114250	14	120					
Focus 1.8 TDDi	[BHDA]	08.99-	112142	14	90		05.01- 05.05	114119	12	2.2
		08.99- 11.04	113710	14	125		08.99- 05.01	112290	12	2.2
		08.99- 11.04	116124	14	125 A49					
	[BHDB]	08.99-	112142	14	90		08.99- 05.01	112290	12	2.2
		08.99- 11.04	113710	14	125		05.01- 05.05	114119	12	2.2
		08.99- 11.04	116124	14	125 A49					
	[C9DA]	10.98- 12.00	112142	14	90		10.98- 05.01	112290	12	2.2
		10.98- 11.04	113710	14	125		05.01- 05.05	114119	12	2.2
		10.98- 11.04	116124	14	125 A49					
	[C9DB]	10.98- 12.00	112142	14	90		01.99- 05.01	112290	12	2.2
		10.98- 11.04	113710	14	125		05.01- 05.05	114119	12	2.2
		10.98- 11.04	116124	14	125 A49					
	[C9DC]	10.98-	112142	14	90		10.98- 05.01	112290	12	2.2
		10.98- 11.04	113710	14	125		05.01- 05.05	114119	12	2.2
		10.98- 11.04	116124	14	125 A49					
		08.98- 03.05	112142	14	90		08.98- 03.05	114119	12	2.2
Focus 2.0	[ALDA]	03.02- 06.03	112143	14	80					
	AT	03.02- 06.03	112142	14	90					
	[AODA]	11.04-	113978	14	120		11.04-	113906	12	1.2
		11.04-	115750	14	150					
		04.05-	114065	14	120 A49					
	[AODB]	11.04-	113978	14	120		11.04-	113906	12	1.2
		11.04-	115750	14	150					
	[R9DA]						07.12-	113906	12	1.2
		06.05- 09.08	115750	14	150		10.13-	113906	12	1.2
Focus 2.0 C-Max	[AODA]	04.04- 03.07	113978	14	120		04.04- 03.07	113906	12	1.2
		04.04- 03.07	115750	14	150					
	[AODB]	04.04- 03.07	113978	14	120		04.04- 03.07	113906	12	1.2
		04.04- 03.07	115750	14	150					
	[SYDA]	04.04- 03.07	113978	14	120		04.04- 03.07	113906	12	1.2
		04.04- 03.07	115750	14	150					
Focus 2.0 RS	[HMDA]	10.02-	112142	14	90		10.02- 11.04	112235	12	1.4
		10.02-	112143	14	80					
Focus 2.0 16V	[EDDB]	AT 10.01-	112142	14	90		10.98-	112235	12	1.4
	[EDDC]	10.98-	112143	14	80		10.98-	112235	12	1.4
		AT 11.98-	112142	14	90					
	[EDDD]	AT 10.01-	112142	14	90		10.98-	112235	12	1.4
	[EDDF]	AT 10.01-	112142	14	90		10.98-	112235	12	1.4
Focus 2.0 CNG	[SYDA]	04.09-	113978	14	120					
		04.09-	114065	14	120 A49					
		AT 04.09-	115750	14	150					
Focus 2.0 LPG	[SYDA]	06.08-	113978	14	120					
		06.08-	114065	14	120 A49					
		06.08-	115750	14	150					
		AT 06.08-	113978	14	120					
		AT 06.08-	115750	14	150					
Focus 2.0 TDCi	[G6DA]	11.04-	113849	14	150 A49		11.04-	113911	12	2.2 A49
		11.04-	113922	14	120		11.04-	116157	12	2.2
		11.04-	115460	14	160					
		11.04-	116294	14	150					
	[G6DB]	11.04-	113849	14	150 A49		11.04-	113911	12	2.2 A49
		11.04-	113922	14	120		11.04-	116157	12	2.2
		11.04-	116294	14	150					
	[G6DC]	10.03- 03.07	113922	14	120		10.03- 03.07	116157	12	2.2
							10.03- 03.07	113911	12	2.2 A49
	[G6DD]	11.04-	113849	14	150 A49		11.04-	113911	12	2.2 A49
		11.04-	113922	14	120		11.04-	116157	12	2.2
		11.04-	116294	14	150					
	[G6DE]	10.03- 03.07	113922	14	120		10.03- 03.07	116157	12	2.2
		11.04-	113849	14	150 A49		10.03- 03.07	113911	12	2.2 A49
		11.04-	116294	14	150					
	[G6DF]	10.03- 03.07	113922	14	120		10.03- 03.07	116157	12	2.2
		11.04-	113849	14	150 A49		10.03- 03.07	113911	12	2.2 A49
		11.04-	116294	14	150					
	[IXDA]	02.08-	113849	14	150 A49		02.08-	113911	12	2.2 A49
		02.08-	113922	14	120		02.08-	116157	12	2.2
		02.08-	116294	14	150					
	[T7DB]						A25 11.14-	116268	12	1.8
							11.14-	116268	12	1.8
	[T8DA]						A25 11.14-	116268	12	1.8
	[TXDB]						04.11-	113911	12	2.2 A49
							04.11-	116157	12	2.2
	[TYDA]						04.11-	113911	12	2.2 A49
							04.11-	116157	12	2.2
	[UFDB]						04.11-	113911	12	2.2 A49
							04.11-	116157	12	2.2
	[UKDB]	04.11-	115459	14	120		04.11-	116157	12	2.2
							04.11-	113911	12	2.2 A49
Focus 2.0 TDCi C-Max	[G6DA]	10.03- 03.07	113849	14	150 A49		10.03- 03.07	113911	12	2.2 A49
		10.03- 03.07	113922	14	120		10.03- 03.07	116157	12	2.2
		10.03- 03.07	115460	14	160					
		10.03- 03.07	116294	14	150					

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	[G6DB]	10.03-03.07	113849	14 150 A49	10.03-03.07	113911	12 2.2 A49
		10.03-03.07	113922	14 120	10.03-03.07	116157	12 2.2
		10.03-03.07	116294	14 150			
	[G6DD]	10.03-03.07	113849	14 150 A49	10.03-03.07	113911	12 2.2 A49
		10.03-03.07	113922	14 120	10.03-03.07	116157	12 2.2
		10.03-03.07	116294	14 150			
	[G6DG]	10.03-03.07	113849	14 150 A49	10.03-03.07	113911	12 2.2 A49
		10.03-03.07	113922	14 120	10.03-03.07	116157	12 2.2
		10.03-03.07	116294	14 150			
Focus 2.5	[JZDA]	01.09-	114157	14 120			
Focus 2.5 ST	[HYDA]	10.05-	114157	14 120	10.05-	114315	12 1.4
Focus Van 1.0 EcoBoost	[M1DA]	02.12-	115933	14 150	02.12-	115555	12 1.0
	[M2DA]				02.12-	115555	12 1.0
Focus Van 1.5 EcoBoost	[M8DA]				09.14-	116050	12 1.4 A49
	[M8DB]				09.14-	116050	12 1.4 A49
	[M9DA]				09.14-	116050	12 1.4 A49
	[M9DB]				09.14-	116050	12 1.4 A49
Focus Van 1.5 TDCi	[XWDA]	09.14-	114724	14 150	09.14-	116062	12 1.2
		09.14-	115459	14 120	A25 09.14-	116316	12 2.0
					09.14-	113908	12 1.2 A49
	[XWDB]	09.14-	114724	14 150	09.14-	116062	12 1.2
		09.14-	115459	14 120	A25 09.14-	116316	12 2.0
					09.14-	113908	12 1.2 A49
	[XWDC]	09.14-	114724	14 150	09.14-	116062	12 1.2
		09.14-	115459	14 120	A25 09.14-	116316	12 2.0
					09.14-	113908	12 1.2 A49
	[XWDD]	09.14-	114724	14 150			
		09.14-	115459	14 120			
	[XXDA]	09.14-	114724	14 150	09.14-	116062	12 1.2
		09.14-	115459	14 120	A25 09.14-	116316	12 2.0
					09.14-	113908	12 1.2 A49
	[XXDC]	09.14-	114724	14 150	09.14-	116062	12 1.2
		09.14-	115459	14 120	A25 09.14-	116316	12 2.0
					09.14-	113908	12 1.2 A49
Focus Van 1.5 TDCi ECOnetic	[XXDB]	09.14-	114724	14 150	A25 09.14-	116316	12 2.0
		09.14-	115459	14 120			
Fusion 1.2	[FUJA]	AC 08.04-	114129	14 90	08.04-	111906	12 1.1
	[FUJB]	AC 08.04-	114129	14 90	08.04-	111906	12 1.1
Fusion 1.4	[FXJA]	08.02-	114129	14 90	08.02-	111906	12 1.1
	[FXJB]	AC 08.02-	114129	14 90	08.02-	111906	12 1.1
	[FXJC]	AC 08.02-	114129	14 90	08.02-	111906	12 1.1
	[UTJA]	01.10-	114129	14 90	01.10-	111906	12 1.1
Fusion 1.4 TDCi	[F6JA]	08.02-	113912	14 80	08.02-	113905	12 1.4 A49
		08.02-	114128	14 150	08.02-	116159	12 1.4
		08.02-	116362*	14 80			
	[F6JB]	08.02-	113912	14 80	08.02-	113905	12 1.4 A49
		08.02-	114128	14 150	08.02-	116159	12 1.4
		08.02-	116362*	14 80			
Fusion 1.6	[FYJA]	AC 08.02-	114129	14 90	08.02-	111906	12 1.1
	[FYJB]	AC 08.02-	114129	14 90			
Fusion 1.6 TDCi	[HHJA]	11.04-	113849	14 150 A49	11.04-	113905	12 1.4 A49
		11.04-	113922	14 120	11.04-	116159	12 1.4
		11.04-	116294	14 150			
	[HHJB]	11.04-	113849	14 150 A49	11.04-	113905	12 1.4 A49
		11.04-	113922	14 120	11.04-	116159	12 1.4
		11.04-	116294	14 150			
Fusion 2.0 EcoBoost	[TNCD]				05.15-	113906	12 1.2
	[TNCF]				05.15-	113906	12 1.2
Fusion 2.0 TDCi Bi-Turbo	[T9CA]				A25 05.15-	116268	12 1.8
Fusion 2.0 TDCi	[T8CC]				A25 05.15-	116268	12 1.8
Fusion 2.0 TDCi 4x4	[T8CC]				A25 05.15-	116268	12 1.8
Fusion 2.5	[S7CB]				05.15-	113906	12 1.2
Galaxy 1.6 EcoBoost	[JTWA]				02.11-	116049	12 1.2 A49
	[JTWB]				02.11-	116049	12 1.2 A49
Galaxy 1.6 TDCi	[T1WA]	02.11-	114724	14 150	02.11-	116062	12 1.2
					02.11-	113908	12 1.2 A49
	[T1WB]	02.11-	114724	14 150	A25 02.11-	116316	12 2.0
					02.11-	113908	12 1.2 A49
					02.11-	116062	12 1.2
Galaxy 1.8 TDCi	[FFWA]	05.06-11.10	114898	14 150	05.06-	114092	12 2.0
	[QYWA]	05.06-11.10	114898	14 150	05.06-	114092	12 2.0
Galaxy 1.9 TDi	[1Z]	02.95-09.96	111353	14 70	02.95-09.96	111900	12 1.8
		02.95-09.96	111477	14 90	02.95-09.96	115503	12 1.8 A49
		02.95-09.96	111988	14 120			
	[AFN]	08.97-04.00	112002	14 120	08.97-04.00	111900	12 1.8
		08.97-04.00	112079	14 90	11.97-03.00	115503	12 1.8 A49
		08.97-04.00	114789	14 90 A49			
		06.99-03.00	115483	14 120 A49			
	[AHU]	09.96-03.00	111353	14 70	09.96-03.00	111900	12 1.8
		09.96-03.00	111477	14 90	09.96-03.00	115503	12 1.8 A49
		09.96-03.00	111988	14 120			
	[ANU]	03.95-	112002	14 120 A47	03.95-	111900	12 1.8
		03.95-	112079	14 90 A47	04.00-	112429	12 2.0
		03.95-	114789	14 90 A49	09.99-03.00	115503	12 1.8 A49
		09.99-08.06	115483	14 120 A49			
	[ASZ]	02.03-	112002	14 120 A47	02.03-	112429	12 2.0
		02.03-	112079	14 90 A47	AT 02.03-	115523	12 2.3
		02.03-	114789	14 90 A49			
		02.03-	115483	14 120 A49			
	[AUJ]	04.00-	112002	14 120 A47	04.00-	112429	12 2.0
		04.00-	112079	14 90 A47	AT 04.00-	115523	12 2.3
		04.00-	114789	14 90 A49			
		04.00-	115483	14 120 A49			



	[AVG]	08.97- 04.00	112002	14 120 A47	08.97- 04.00	111900	12 1.8	
		08.97- 04.00	112079	14 90 A47	08.97-	112286	12 1.7	
		08.97- 04.00	114789	14 90 A49	06.99- 03.00	115503	12 1.8	A49
		11.97- 06.99	111477	14 90				
		11.97- 09.98	111988	14 120				
		09.98- 06.99	111828	14 120				
		06.99- 03.00	115483	14 120 A49				
	[BTB]	05.05-	112079	14 90 A47	05.05-	112429	12 2.0	
		05.05-	114789	14 90 A49	AT 05.05-	115523	12 2.3	
Galaxy 2.0	[AOWA]	05.06-	115417	14 150	05.06-	113906	12 1.2	
		05.06-	115847	14 150				
	[AOWB]	05.06-	115417	14 150	05.06-	113906	12 1.2	
		05.06-	115847	14 150				
Galaxy 2.0 EcoBoost	[R9CD]				01.15-	113906	12 1.2	
	[R9CI]				01.15-	113906	12 1.2	
	[TNWB]				07.10-	113906	12 1.2	
Galaxy 2.0 i	[NSE]	04.00-	112002	14 120 A47	AT 07.98- 03.00	111909	12 1.1	
		04.00-	112079	14 90 A47	A13 11.95- 03.00	112286	12 1.7	
		04.00-	114789	14 90 A49	11.95- 03.00	115503	12 1.8	A49
		04.00-	115483	14 120 A49	07.98- 03.00	115504	12 1.1	A49
					A13 11.95- 03.00	111900	12 1.8	
					AT 11.95- 03.00	111748	12 1.1	
					11.95- 03.00	111749	12 1.1	
					04.00-	112429	12 2.0	
	[ZVSA]	01.01-	112002	14 120 A47	01.01-	111749	12 1.1	
		01.01-	115483	14 120 A49				
Galaxy 2.0 FlexFuel	[TBWA]	05.06-	115417	14 150	05.06-	113906	12 1.2	
		05.06-	115847	14 150				
	[TBWB]	05.06-	115417	14 150	05.06-	113906	12 1.2	
		05.06-	115847	14 150				
Galaxy 2.0 TDCi Bi-Turbo	[T9CB]				A25 01.15-	116268	12 1.8	
	[T9CC]				A25 01.15-	116268	12 1.8	
Galaxy 2.0 TDCi	[AZWA]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
	[AZWC]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
	[KLWA]	11.07-	116441*	14 150	11.07-	116157	12 2.2	
					11.07-	113911	12 2.2	A49
	[OXWA]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
	[OXWB]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
	[OXWC]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
	[T7CI]				A25 01.15-	116268	12 1.8	
	[T7CJ]				A25 01.15-	116268	12 1.8	
	[T7CK]				A25 01.15-	116268	12 1.8	
	[T7CL]				A25 01.15-	116268	12 1.8	
	[T8CG]				A25 01.15-	116268	12 1.8	
	[T8CH]				A25 01.15-	116268	12 1.8	
	[T8CI]				A25 01.15-	116268	12 1.8	
	[T8CJ]				A25 01.15-	116268	12 1.8	
	[TYWA]	11.07-	116441*	14 150	11.07-	116157	12 2.2	
					11.07-	113911	12 2.2	A49
	[UFCA]				A25 01.15-	116268	12 1.8	
	[UFCB]				A25 01.15-	116268	12 1.8	
	[UFWA]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
	[UKWA]	05.06-	116441*	14 150	05.06-	116157	12 2.2	
					05.06-	113911	12 2.2	A49
Galaxy 2.0 TDCi 4x4	[T8CG]				A25 05.15-	116268	12 1.8	
	[T8CH]				A25 05.15-	116268	12 1.8	
	[T8CI]				A25 05.15-	116268	12 1.8	
	[T8CJ]				A25 05.15-	116268	12 1.8	
					A25 05.15-	116268	12 1.8	
Galaxy 2.2 TDCi	[KNWA]	07.10-	115544	14 150	07.10-	115405	12 2.2	
	[Q4BA]	03.08-	115544	14 150	03.08-	115405	12 2.2	
	[Q4WA]	03.08-	115544	14 150	03.08-	115405	12 2.2	
Galaxy 2.3	[SEWA]	07.07-	115847	14 150	07.07-	113906	12 1.2	
Galaxy 2.3 16V	[E5SA]				01.97-	111900	12 1.8	
					04.00- 08.06	115503	12 1.8	A49
	[E5SB]				09.01-	111909	12 1.1	
					09.01-	115504	12 1.1	A49
	[Y5B]	01.97-	112002	14 120 A47	01.97- 03.00	115503	12 1.8	A49
		01.97-	115483	14 120 A49	AT 01.97- 03.00	112286	12 1.7	
					01.97- 03.00	111900	12 1.8	
Galaxy 2.8 24V	[AYL]	04.00-	112002	14 120 A47	04.00-	112429	12 2.0	
		04.00-	113884	14 150				
		04.00-	115483	14 120 A49				
Galaxy 2.8 i	[AMY]	05.95-	112709	14 120				
		04.98- 03.00	113885	14 150				
	[AAA]	02.95- 04.98	113885	14 150	AT 11.95-	112286	12 1.7	
		05.95- 04.98	112709	14 120	11.95-	112166	12 1.7	
Galaxy 2.8 i 4x4	[AMY]	04.96-	112709	14 120				
		04.98- 03.00	113885	14 150				
	[AAA]	04.96-	112709	14 120	04.96-	112166	12 1.7	
		07.96- 04.98	113885	14 150	04.96-	112286	12 1.7	
Granada 1.6	[LCK]	07.81- 08.85	111086	14 65	07.81- 08.85	110336	12 0.75	
Granada 1.7	[MWB]	03.75- 02.76	110759	14 35				
	[MY]	08.77- 06.79	111289	14 70				
	[MYE]	08.77- 07.81	111289	14 70				
	[TV17H]	03.72- 02.75	110759	14 35				
	[TV17LC]	08.77- 08.81	111289	14 70				
Granada 1.9 Diesel		08.77- 08.82	111289	14 70				
Granada 2.0	[NEK]	08.81- 08.85	111086	14 65	RHD 08.81- 08.85	110831	12 0.8	
					08.81- 08.85	110336	12 0.75	
	[NEP]	08.79- 08.85	111086	14 65				

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	[NX]	01.76- 08.77	111086	14 65				
		01.76- 08.77	111289	14 70				
	[NY]	01.75-	110237	14 60				
		01.75- 08.85	111086	14 65				
	[NYP]	01.76- 07.77	111086	14 65	RHD	08.77- 08.85	110831	12 0.8
		08.77- 08.85	111289	14 70				
		08.77- 08.85	111362	14 55				
		08.77- 07.79	111289	14 70				
		08.77- 07.79	111086	14 65				
Granada 2.1 Diesel	[WTA]	08.77- 08.82	111086	14 65				
Granada 2.3	[YH]	01.72- 12.74	110759	14 35				
		08.77- 04.85	111289	14 70				
		08.77- 06.79	111362	14 55				
	[YYP]	06.79- 08.85	111289	14 70				
		06.79- 08.85	111362	14 55				
	[YYU]	06.81- 08.85	111289	14 70				
		06.81- 08.85	111362	14 55				
Granada 2.6	[UY]	01.72- 02.76	111289	14 70				
Granada 2.8	[PYA]	08.77- 08.85	111289	14 70				
		08.77- 08.85	111362	14 55				
	[PYU]	06.81- 08.85	111289	14 70				
		06.81- 08.85	111362	14 55				
Granada 2.8 i	[PRC]					05.85- 08.87	110842	12 1.4
Granada 3.0	[HY]	01.72- 02.76	111086	14 65				
Grand C-Max 1.0 EcoBoost	[M1DA]	10.12-	115933	14 150				
	[M2DA]	10.12-	115933	14 150		10.12-	115555	12 1.0
	[SFDA]	10.12-	115933	14 150		10.12-	115555	12 1.0
Grand C-Max 1.5 TDCI	[XWDA]	03.15-	114724	14 150		03.15-	116062	12 1.2
		03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
	[XWDB]	03.15-	114724	14 150		03.15-	116062	12 1.2
		03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
	[XXDA]	03.15-	115459	14 120		03.15-	116062	12 1.2
						03.15-	113908	12 1.2 A49
	[XXDC]	03.15-	115459	14 120		03.15-	116062	12 1.2
						03.15-	113908	12 1.2 A49
Grand C-Max 1.6 EcoBoost	[JQDA]					12.10-	116049	12 1.2 A49
	[JQDB]					12.10-	116049	12 1.2 A49
	[JTDA]					12.10-	116049	12 1.2 A49
	[JTDB]					12.10-	116049	12 1.2 A49
Grand C-Max 1.6 Ti-CVT	[IQDA]	12.10-	114883	14 120		12.10-	111906	12 1.1
	[IQDB]	12.10-	114883	14 120		12.10-	111906	12 1.1
	[PNDA]	12.10-	114883	14 120		12.10-	111906	12 1.1
Grand C-Max 1.6 TDCI	[T1DA]	12.10-	114724	14 150		A25 12.10-	116316	12 2.0
	[T1DB]	12.10-	114724	14 150		12.10-	116062	12 1.2
		12.10-	115459	14 120		A25 12.10-	116316	12 2.0
						12.10-	113908	12 1.2 A49
	[T3DA]	12.10-	114724	14 150		A25 12.10-	116316	12 2.0
						12.10-	113908	12 1.2 A49
						12.10-	116062	12 1.2
	[T3DB]	12.10-	114724	14 150		12.10-	116062	12 1.2
		12.10-	115459	14 120		A25 12.10-	116316	12 2.0
						12.10-	113908	12 1.2 A49
Grand C-Max 2.0 TDCI	[TYDA]					02.11-	113911	12 2.2 A49
						02.11-	116157	12 2.2
	[UFDB]					02.11-	113911	12 2.2 A49
						02.11-	116157	12 2.2
	[UKDB]					02.11-	113911	12 2.2 A49
						02.11-	116157	12 2.2
Grand C-Max Van 1.0 EcoBoost	[M1DA]	10.12-	115933	14 150				
	[M2DA]	10.12-	115933	14 150				
Grand C-Max Van 1.5 TDCI	[XWDA]	03.15-	114724	14 150		03.15-	116062	12 1.2
		03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
	[XWDB]	03.15-	114724	14 150		03.15-	116062	12 1.2
		03.15-	115459	14 120		A25 03.15-	116316	12 2.0
						03.15-	113908	12 1.2 A49
Grand C-Max Van 1.6 TDCI	[T1DA]	12.10-	114724	14 150		12.10-	113908	12 1.2 A49
		12.10-	115459	14 120		12.10-	116062	12 1.2
	[T3DA, T3DB]	12.10-	114724	14 150		12.10-	113908	12 1.2 A49
		12.10-	115459	14 120		12.10-	116062	12 1.2
Grand C-Max Van 2.0 TDCI	[TXDB]	12.10-	115459	14 120		12.10-	116157	12 2.2
						12.10-	113911	12 2.2 A49
	[TYDA]	02.11-	115459	14 120		02.11-	116157	12 2.2
						02.11-	113911	12 2.2 A49
	[UFDB]	12.10-	115459	14 120		12.10-	116157	12 2.2
						12.10-	113911	12 2.2 A49
Ka 1.0 i	[C4B]	07.97- 09.99	113447	14 70		07.97- 09.99	111680	12 1.1
	[C4C]	09.99-	113447	14 70		09.99-	111680	12 1.1
Ka 1.2	[B2KA]	06.16-	114883	14 120				
	[FP4 (169A4.000)]	02.09-	113535	14 85		02.09-	113962	12 0.9
		02.09-	114462	14 70		02.09-	115312	12 1.1
		02.09-	114706	14 120				
	[YSKD]	06.16-	114883	14 120				
	[YSKE]	06.16-	114883	14 120				
Ka 1.3	[A9A, A9B]	09.02- 03.04	115659	14 80		09.02- 03.04	114162	12 1.1
		A22 09.02- 03.04	115543	14 90				
	[BAA]	05.02- 05.05	115543	14 90		05.02- 05.05	114162	12 1.1
		05.02- 05.05	115659	14 80				
	[J4D]	05.02- 05.05	115543	14 90		05.02- 05.05	114162	12 1.1
		05.02- 05.05	115659	14 80				
	[J4K]	05.02- 05.05	115543	14 90		05.02- 05.05	114162	12 1.1
		05.02- 05.05	115659	14 80				
	[J4M]	05.02- 05.05	115543	14 90		05.02- 05.05	114162	12 1.1
		05.02- 05.05	115659	14 80				



	[J4N]	05.02-05.05	115543	14	90		05.02-05.05	114162	12	1.1	
		05.02-05.05	115659	14	80						
	[J4P]	05.02-05.05	115543	14	90		05.02-05.05	114162	12	1.1	
		05.02-05.05	115659	14	80						
	[J4S]	05.02-05.05	115543	14	90		05.02-05.05	114162	12	1.1	
		05.02-05.05	115659	14	80						
Ka 1.3 i	[A9A]	08.02-	115543	14	90		08.02-	114162	12	1.1	
		08.02-	115659	14	80						
	[A9B]	08.02-	115543	14	90		08.02-	114162	12	1.1	
		08.02-	115659	14	80						
	[BAA]	09.96-	115659	14	80		09.96-	114162	12	1.1	
							09.96-	111680	12	1.1	
	[J4D]	09.96-	115659	14	80		09.96-	111680	12	1.1	
		PS 09.96-	113447	14	70						
	[J4K]	09.96-	115659	14	80		09.96-10.02	111680	12	1.1	
		PS 09.96-	113447	14	70						
	[J4M]	09.96-	115659	14	80		09.96-10.02	111680	12	1.1	
		PS 09.96-	113447	14	70						
	[J4N]	09.96-	115659	14	80		09.96-10.02	111680	12	1.1	
		PS 09.96-	113447	14	70						
	[J4P]	09.96-	115659	14	80		09.96-10.02	111680	12	1.1	
		PS 09.96-	113447	14	70						
	[J4S]	09.96-	115659	14	80		09.96-10.02	111680	12	1.1	
		PS 09.96-	113447	14	70						
		[JJB]						09.96-	111680	12	1.1
			PS 09.96-	113447	14	70					
	[JJD]						06.98-	111680	12	1.1	
		PS 06.98-10.02	113447	14	70						
	[JJF]						06.98-	111680	12	1.1	
		PS 06.98-10.02	113447	14	70						
	[JJG]						06.98-	111680	12	1.1	
		PS 06.98-10.02	113447	14	70						
	[JJH]						06.98-	111680	12	1.1	
		PS 06.98-10.02	113447	14	70						
	[JLJ]						06.98-	111680	12	1.1	
		PS 06.98-10.02	113447	14	70						
Ka 1.3 TDCi	[169A1.000]						02.09-	115400	12	1.4	
	[FD4]						10.08-	115400	12	1.4	
Ka 1.6 Street	[CDRA]	05.03-07.05	113883	14	90		05.03-07.05	114162	12	1.1	
	[CDRB]	05.03-07.05	113883	14	90		05.03-07.05	114162	12	1.1	
Ka 1.6 i	[CCA]	07.03-	113883	14	90		07.03-	114162	12	1.1	
	[CDB]	07.03-	113883	14	90		07.03-	114162	12	1.1	
	[CDC]	07.03-	113883	14	90		07.03-	114162	12	1.1	
Kuga 1.5 EcoBoost	[BNMA]						01.16-	116050	12	1.4 A49	
	[M8MA]						09.14-	116050	12	1.4 A49	
Kuga 1.5 EcoBoost 4x4	[M9MA]					09.14-	116050	12	1.4 A49		
Kuga 1.5 TDCi		07.16-	115459	14	120		A25 07.16-	116316	12	2.0	
							07.16-	114724			
Kuga 1.6 EcoBoost	[JQMA]						03.13-	116050	12	1.4 A49	
	[JQMB]						03.13-	116050	12	1.4 A49	
Kuga 1.6 EcoBoost 4x4	[JQMA]						03.13-	116050	12	1.4 A49	
	[JQMB]						03.13-	116050	12	1.4 A49	
Kuga 1.6 4x4 EcoBoost 4x4	[JTMA]					03.13-	116050	12	1.4 A49		
Kuga 2.0 TDCi	[G6DG]	03.08-	113849	14	150 A49		03.08-	113911	12	2.2 A49	
		03.08-	113922	14	120		03.08-	116157	12	2.2	
		03.08-	115460	14	160						
		03.08-	116294	14	150						
	[UFDA]	02.08-	113849	14	150 A49						
		02.08-	113922	14	120						
		02.08-	116294	14	150						
	[UFMA]						03.13-	113911	12	2.2 A49	
							03.13-	116157	12	2.2	
	[UKDA]	03.08-	113849	14	150 A49		03.08-	113911	12	2.2 A49	
	03.08-	113922	14	120		03.08-	116157	12	2.2		
	03.08-	116294	14	150							
	[UKMA]					03.13-	113911	12	2.2 A49		
						03.13-	116157	12	2.2		
Kuga 2.0 TDCi 4x4	[G6DG]	03.08-	113849	14	150 A49		03.08-	113911	12	2.2 A49	
		03.08-	113922	14	120		03.08-	116157	12	2.2	
		03.08-	116294	14	150						
	[TXDA]						03.13-	113911	12	2.2 A49	
							03.13-	116157	12	2.2	
	[TXMA]						03.13-	113911	12	2.2 A49	
							03.13-	116157	12	2.2	
	[UFMA]						03.13-	113911	12	2.2 A49	
							03.13-	116157	12	2.2	
	[UKDA]	03.08-	113849	14	150 A49		03.08-	113911	12	2.2 A49	
	03.08-	113922	14	120		03.08-	116157	12	2.2		
	03.08-	116294	14	150							
	[UKMA]					03.13-	113911	12	2.2 A49		
						03.13-	116157	12	2.2		
Kuga 2.5 4x4	[HYDB]	03.09-	115606	14	150						
Kuga Van 1.5 4x4	[M9MA]					09.14-	116050	12	1.4 A49		
Kuga Van 1.5 EcoBoost	[M8MA]					09.14-	116050	12	1.4 A49		
Maverick 2.0 16V	[YF]					02.01-	112340	12	1.4		
Maverick 2.3 16V	[GZ]					03.04-	113906	12	1.2		
Maverick 2.4 i	[KA24-E]					02.93-08.96	111485	12	1.2		
Maverick 2.7 TD	[TD27]	02.93-08.96	112086	14	60		02.93-08.96	111805	12	2.5	
	[TD27E]	09.96-04.98	111980	14	70		09.96-04.98	111805	12	2.5	
		09.96-04.98	115837	14	70						
Maverick 3.0 V6 24V	[AJ]					02.01-12.03	111374	12	1.5		
Maverick Mk 2 2.0 16V FWD	[YF]					02.01-	112340	12	1.4		
Mondeo 1.5 EcoBoost	[UNCA]					09.14-	116050	12	1.4 A49		
	[UNCB]					09.14-	116050	12	1.4 A49		
	[UNCE]					09.14-	116050	12	1.4 A49		
	[UNCF]					09.14-	116050	12	1.4 A49		
Mondeo 1.5 TDCi	[UGCC]					A25 03.15-	116316	12	2.0		

STARTERS & ALTERNATORS



FORD *Continued*

	[XUCA]				A25 03.15-	116316	12 2.0
Mondeo 1.6	[KGBA]	03.10- 01.15	114883	14 120	03.10- 01.15	111906	12 1.1
Mondeo 1.6 EcoBoost	[JTBA]				11.10- 01.15	116049	12 1.2 A49
	[JTBB]				11.10- 01.15	116049	12 1.2 A49
Mondeo 1.6 i 16V	[L1F]				AT 06.93- 08.96	112340	12 1.4
					02.94- 08.96	112235	12 1.4
	[L1J]				AT 07.94- 08.96	112340	12 1.4
Mondeo 1.6 i					07.94- 08.96	112235	12 1.4
	[L1J]				AT 08.96- 08.98	112340	12 1.4
					09.96- 03.98	112235	12 1.4
	[L1L]				AT 05.98-	112340	12 1.4
					05.98-	112235	12 1.4
Mondeo 1.6 i	[L1N]				AT 05.98- 11.00	112340	12 1.4
					05.98- 11.00	112235	12 1.4
	[L1O]				AT 05.98- 11.00	112340	12 1.4
					05.98- 11.00	112235	12 1.4
Mondeo 1.6 TI-VCT	[KGBA]				07.10-	111906	12 1.1
Mondeo 1.6 TDCi	[T1BA]	12.10-	114724	14 150	A25 02.11-	116316	12 2.0
					12.10-	113908	12 1.2 A49
					12.10-	116062	12 1.2
	[T1BB]	12.10-	114724	14 150	A25 02.11-	116316	12 2.0
					12.10-	113908	12 1.2 A49
					12.10-	116062	12 1.2
	[T1BC]	12.10-	114724	14 150	A25 02.11-	116316	12 2.0
					12.10-	113908	12 1.2 A49
					12.10-	116062	12 1.2
Mondeo 1.8 16V	[CGBA]	11.00-	113708	14 115	11.00-	113794	12 1.4
		11.00-	113709	14 115			
	[CGBB]	11.00-	113708	14 115	11.00-	113794	12 1.4
		11.00-	113709	14 115			
	[CHBA]	11.00-	113708	14 115	11.00-	113794	12 1.4
		11.00-	113709	14 115			
Mondeo 1.8 i 16V	[RKA]				AT 06.93- 08.96	112340	12 1.4
					02.94- 08.96	112235	12 1.4
	[RKB]				AT 01.94- 08.96	112340	12 1.4
					02.94- 08.96	112235	12 1.4
Mondeo 1.8 i 16V 4x4	[RKA]				AT 02.93- 08.96	112340	12 1.4
					03.94- 08.96	112235	12 1.4
Mondeo 1.8 i	[RKB]				AT 08.96- 09.00	112340	12 1.4
					09.96-	112235	12 1.4
	[RKF]				AT 09.96-	112340	12 1.4
					09.96-	112235	12 1.4
	[RKH]				AT 09.96- 11.00	112340	12 1.4
					09.96- 11.00	112235	12 1.4
Mondeo 1.8 i	[RKJ]				AT 09.96-	112340	12 1.4
					09.96-	112235	12 1.4
					09.96-	112340	12 1.4
	[RKK]				AT 09.96- 11.00	112340	12 1.4
					09.96- 11.00	112235	12 1.4
Mondeo 1.8 SCi	[CFBA]	06.03-	113708	14 115	AT 06.03-	111374	12 1.5
		06.03-	113709	14 115	06.03-	113794	12 1.4
Mondeo 1.8 TD	[RFM]	06.93- 08.96	112151	14 95	06.93- 08.96	112290	12 2.2
					03.93- 08.96	110867	12 1.7
	[RFN]	06.93- 08.96	112151	14 95	06.93- 08.96	112290	12 2.2
					06.93- 08.96	110867	12 1.7
Mondeo 1.8 TDCi	[FFBA]	03.07- 11.10	114898	14 150	03.07-	114092	12 2.0
	[KHBA]	06.07- 11.10	114898	14 150	06.07-	114092	12 2.0
	[QYBA]	06.07- 11.10	114898	14 150	06.07-	114092	12 2.0
Mondeo 2.0	[AOBA]	03.07-	115417	14 150	03.07-	113906	12 1.2
	[AOBC]	03.07-	115417	14 150	03.07-	113906	12 1.2
	[AOCA]	03.07-	115417	14 150	03.07-	113906	12 1.2
	[TBBA]	03.07-	115417	14 150	03.07-	113906	12 1.2
					03.10- 01.15	113906	12 1.2
Mondeo 2.0 EcoBoost	[R9CB, R9CH, R9CF]				09.14-	113906	12 1.2
	[R9CF]				09.14-	113906	12 1.2
	[R9CF, R9CB, R9CH]				09.14-	113906	12 1.2
	[R9CH]				09.14-	113906	12 1.2
	[TNCD, TNCF]				09.14-	113906	12 1.2
	[TNCF]				09.14-	113906	12 1.2
	[TPBA]				03.10- 09.14	113906	12 1.2
Mondeo 2.0 16V	[CJBA]	A34 11.00-	113708	14 115	11.00-	113794	12 1.4
		A34 11.00-	113709	14 115			
	[CJBB]	A34 11.00-	113708	14 115	11.00-	113794	12 1.4
		A34 11.00-	113709	14 115			
	[NGA]				AT 01.93- 08.96	112340	12 1.4
					01.93- 08.96	112235	12 1.4
Mondeo 2.0 i 16V	[NGA]				AT 06.93- 08.96	112340	12 1.4
					02.94- 08.96	112235	12 1.4
Mondeo 2.0 i 16V 4x4	[NGA]				AT 04.93- 08.96	112340	12 1.4
					04.93- 08.96	112235	12 1.4
Mondeo 2.0 i	[NGA]				AT 08.96- 09.00	112340	12 1.4
					09.96- 03.98	112235	12 1.4
	[NGB]				AT 09.96- 09.00	112340	12 1.4
					09.96- 03.98	112235	12 1.4
	[NGC]				AT 08.96- 09.00	112340	12 1.4
					09.96- 03.98	112235	12 1.4
	[NGD]				AT 08.96- 09.00	112340	12 1.4
					09.96- 03.98	112235	12 1.4
Mondeo 2.0 SC-Ti EcoBoost	[TPBA]				07.10-	113906	12 1.2
Mondeo 2.0 LPG	[TBBA]	07.09-	115417	14 150	07.09-	113906	12 1.2
Mondeo 2.0 FlexFuel	[TBBA]	03.07-	115417	14 150	03.07-	113906	12 1.2
	[TBBB]	03.07-	115417	14 150	03.07-	113906	12 1.2
Mondeo 2.0 Di/ TDDi 16V	[D5BA]	11.00-	113709	14 115	11.00-	115870	12 2.1 A49
					11.00-	112821	12 2.2



	[SDBA]	11.00-	113709	14 115		11.00-	115870	12 2.1	A49
						11.00-	112821	12 2.2	
Mondeo 2.0 TDCi Bi-Turbo	[T9CA]					A25 03.15-	116268	12 1.8	
Mondeo 2.0 TDCi	[AZBA]	03.07-	115365	14 150		03.07-	116157	12 2.2	
	[AZBC]	03.07-	115365	14 150		03.07-	113911	12 2.2	A49
		03.07-	115544	14 150		03.07-	113911	12 2.2	A49
		03.07-	116364*	14 150			116157	12 2.2	
	[FMBA]	10.01-	113709	14 115		10.01-	115870	12 2.1	A49
						10.01-	112821	12 2.2	
	[KLBA]	11.07-	115365	14 150		11.07-	113911	12 2.2	A49
		11.07-	115544	14 150		11.07-	116157	12 2.2	
		11.07-	116364*	14 150					
	[LPBA]	11.07-	115365	14 150		11.07-	113911	12 2.2	A49
		11.07-	115544	14 150		11.07-	116157	12 2.2	
		11.07-	116364*	14 150					
	[N7BA]	10.01-	113709	14 115		10.01-	115870	12 2.1	A49
						10.01-	112821	12 2.2	
	[QXBA]	03.07-	115365	14 150		03.07-	113911	12 2.2	A49
		03.07-	116364*	14 150		03.07-	116157	12 2.2	
	[OXBB]	03.07-	115365	14 150		03.07-	113911	12 2.2	A49
		03.07-	116364*	14 150		03.07-	116157	12 2.2	
	[T7CE]					A25 09.14-	116268	12 1.8	
	[T8CC]					A25 09.14-	116268	12 1.8	
	[TXBA]	03.10-	114805	14 150 A49		03.10-	116157	12 2.2	
		03.10-	116364*	14 150		03.10-	113911	12 2.2	A49
	[TYBA]	11.07-	115365	14 150		11.07-	113911	12 2.2	A49
		11.07-	115544	14 150		11.07-	116157	12 2.2	
		11.07-	116364*	14 150					
	[UFBA]	03.07-	115365	14 150		03.07-	113911	12 2.2	A49
		03.07-	116364*	14 150		03.07-	116157	12 2.2	
	[UKBA]	03.07-	115365	14 150		03.07-	113911	12 2.2	A49
		03.07-	115544	14 150		03.07-	116157	12 2.2	
		03.07-	116364*	14 150					
Mondeo 2.0 TDCi 4x4	[T7CE]					A25 02.15-	116268	12 1.8	
	[T8CC]					A25 02.15-	116268	12 1.8	
Mondeo 2.0 TDCi/ TDDi 16V	[D6BA]	11.00-	113709	14 115		11.00- 08.02	115870	12 2.1	A49
						11.00-	112821	12 2.2	
	[HJBA]	11.00-	113709	14 115		11.00-	115870	12 2.1	A49
						11.00-	112821	12 2.2	
	[HJBB]	11.00-	113709	14 115		11.00-	115870	12 2.1	A49
						11.00-	112821	12 2.2	
	[HJBC]	11.00-	113709	14 115		11.00-	115870	12 2.1	A49
						11.00-	112821	12 2.2	
Mondeo 2.0 TDDi 16V	[D5BA]	11.00-	113709	14 115		11.00-	115870	12 2.1	A49
						11.00-	112821	12 2.2	
	[SDBA]	11.00-	113709	14 115		11.00-	115870	12 2.1	A49
Mondeo 2.0 FlexFuel	[TBBA]	03.07-	115417	14 150		03.07-	113906	12 1.2	
	[TBBB]	03.07-	115417	14 150		03.07-	113906	12 1.2	
Mondeo 2.2 TDCi	[KNBA]	07.10- 01.15	115544	14 150		07.10- 01.15	115405	12 2.2	
	[Q4BA]	03.08-	115544	14 150		03.08-	115405	12 2.2	
	[QJBA]	09.04-	113709	14 115		09.04-	115870	12 2.1	A49
						09.04-	112821	12 2.2	
	[QJBB]	09.04-	113709	14 115		09.04-	115870	12 2.1	A49
						09.04-	112821	12 2.2	
	[QJBC]	09.04- 08.07	113709	14 115		09.04- 08.07	115870	12 2.1	A49
						09.04- 08.07	112821	12 2.2	
	[QJBD]	09.04- 08.07	113709	14 115		09.04- 08.07	115870	12 2.1	
						09.04- 08.07	112821	12 2.2	
Mondeo 2.3	[SEBA]	07.07-	115847	14 150		07.07-	113906	12 1.2	
Mondeo 2.5	[SGA]	05.99- 10.99	112151	14 95		05.99-	111374	12 1.5	
Mondeo 2.5 24V	[SEA]	09.96- 11.00	112939	14 130		09.96-	111374	12 1.5	
	[SEB]	06.00- 11.00	112151	14 95		06.00- 11.00	111374	12 1.5	
		06.00- 11.00	112939	14 130					
Mondeo 2.5 i 24V	[SEA]	07.94- 08.96	112939	14 130		07.94- 08.96	111374	12 1.5	
Mondeo 2.5 V6 24V	[LCBD]	11.00-	114757	14 120 A49		11.00-	111374	12 1.5	
		A34 11.00-	113709	14 115					
Mondeo 3.0	[MEBA]					AT 04.02-	111374	12 1.5	
		5SP 04.02-	113709	14 115		04.02-	111374	12 1.5	
Mondeo 3.0 V6 24V	[REBA]	09.04-	114757	14 120 A49					
Mustang 3.8 V6	[99A]					01.94- 01.96	111183	12 1.4	
Orion 1.3	[J4B]	07.90- 12.93	111362	14 55		07.90- 12.93	111131	12 0.8	
	[J6A]	07.90- 12.93	111289	14 70		07.90- 12.93	111131	12 0.8	
		07.90- 12.93	111362	14 55					
	[JBB]	12.85- 07.90	110891	14 70 A47		08.88- 07.90	111131	12 0.8	
		08.88- 07.90	111289	14 70					
		08.88- 07.90	111362	14 55					
	[JLA]					12.85- 07.90	111131	12 0.8	
	[JLB]					12.85- 07.90	111131	12 0.8	
	[JPA]	07.83- 03.86	110891	14 70 A47					
		09.83- 03.86	110759	14 35					
		09.83- 03.86	111289	14 70					
Orion 1.4	[F6B]	02.87- 07.90	110891	14 70 A47		02.87- 07.90	111131	12 0.8	
		02.87- 07.90	111289	14 70					
		02.87- 07.90	111362	14 55					
	[F6D]	02.87- 07.90	110891	14 70 A47		02.87- 07.90	111131	12 0.8	
		02.87- 07.90	111289	14 70					
		02.87- 07.90	111362	14 55					
	[F6F]	07.90- 12.93	110891	14 70 A47		07.90- 12.93	111131	12 0.8	
		PS 07.90- 01.92	111293	14 70					
		AC 07.90- 01.92	111293	14 70					
	[F6G]	07.90- 12.93	110891	14 70 A47		07.90- 12.93	111131	12 0.8	
		PS 07.90- 01.92	111293	14 70					
		AC 07.90- 01.92	111293	14 70					



FORD Continued

	[FUA]	12.85- 07.90	110891	14 70	A47	03.86- 07.90	111131	12 0.8
		03.86- 07.90	111289	14 70				
		03.86- 07.90	111362	14 55				
	[FUC]	01.86- 07.90	110891	14 70	A47	07.86- 07.90	111131	12 0.8
		07.86- 07.90	111289	14 70				
		07.86- 07.90	111362	14 55				
	[FUH]	07.90- 12.93	110891	14 70	A47	07.90- 12.93	111131	12 0.8
	[FUAA]	03.86- 07.90	110891	14 70	A47			
		03.86- 07.90	111289	14 70				
		10.87- 07.90	111362	14 55				
Orion 1.6	[LP1]	07.83- 03.86	110759	14 35				
		07.83- 03.86	110891	14 70	A47			
		07.83- 03.86	111289	14 70				
	[LPA]	07.83- 03.86	110759	14 35				
		07.83- 03.86	110891	14 70	A47			
		07.83- 03.86	111289	14 70				
	[LUC]	12.85- 07.90	110891	14 70	A47	12.85- 07.90	111131	12 0.8
		12.85- 07.90	111289	14 70				
		12.85- 07.90	111362	14 55				
	[LUJ]					07.90- 12.92	111131	12 0.8
	[LUK]	07.90- 12.92	110891	14 70	A47	07.90- 12.92	111131	12 0.8
		ACPS 08.90-	111293	14 70				
Orion 1.6 i 16V	[L1E]	07.92- 12.93	110891	14 70	A47	07.90- 12.93	111131	12 0.8
		09.92- 12.93	111293	14 70		09.92- 12.93	111750	12 1.4
	[L1K]	07.92- 12.93	110891	14 70	A47	07.90- 12.93	111131	12 0.8
		09.92- 12.93	111293	14 70		09.92- 12.93	111750	12 1.4
Orion 1.6 i	[L4B]	03.86- 07.90	110891	14 70	A47			
		03.86- 07.90	111289	14 70				
		03.86- 07.90	111362	14 55				
	[LJB]	08.89- 07.90	110891	14 70	A47			
	[LJF]	07.90- 09.92	110891	14 70	A47	07.90- 09.92	111131	12 0.8
		PS 07.90- 09.92	111293	14 70				
		AC 07.90- 09.92	111293	14 70				
	[LR1]	07.83- 03.86	110891	14 70	A47			
		07.83- 03.86	111289	14 70				
		07.83- 03.86	111362	14 55				
	[LRA]	07.83- 03.86	110891	14 70	A47			
		07.83- 03.86	111289	14 70				
		07.83- 03.86	111362	14 55				
	[LRB]	03.86- 07.90	110891	14 70	A47			
		03.86- 07.90	111289	14 70				
		03.86- 07.90	111362	14 55				
Orion 1.6 Diesel	[LTA]	02.84- 01.89	111364	14 55		02.84- 03.86	110867	12 1.7
		02.84- 01.89	111368	14 70				
	[LTC]	03.86- 07.90	111364	14 55		03.86- 07.90	110867	12 1.7
		03.86- 07.90	111368	14 70				
Orion 1.8 i 16V	[RDA]	02.92- 12.93	111293	14 70		02.92- 12.93	111750	12 1.4
	[ROB]	01.92- 12.93	111293	14 70		01.92- 12.93	111750	12 1.4
Orion 1.8 Diesel	[RTA]	01.89- 07.90	111356	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111364	14 55		A13 01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70				
	[RTB]	01.89- 07.90	111356	14 55		01.89- 07.90	110867	12 1.7
		01.89- 07.90	111364	14 55		A13 01.89- 07.90	112290	12 2.2
		01.89- 07.90	111368	14 70				
	[RTE]	07.90- 12.93	111356	14 55		07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55				
		07.90- 12.93	111368	14 70				
	[RTF]	07.90- 12.93	111356	14 55		07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55				
		07.90- 12.93	111368	14 70				
	[RTH]	07.90- 12.93	111356	14 55		07.90- 12.93	112290	12 2.2
		07.90- 12.93	111364	14 55				
		07.90- 12.93	111368	14 70				
Orion 1.8 TD	[RFD]	03.92- 12.93	111356	14 55		03.92- 12.93	112290	12 2.2
						03.92- 12.93	110867	12 1.7
	[RFK]	03.92- 12.93	111356	14 55		03.92- 12.93	112290	12 2.2
						03.92- 12.93	110867	12 1.7
P 100 1.6	[LCR]	04.82- 09.87	110179	14 36		04.82- 09.87	111269	12 1.4
						RHD 04.82- 09.87	110831	12 0.8
P 100 2.0	[NAE]	10.87- 12.92	111086	14 65		10.87-	111269	12 1.4
Probe 2.0 16V	[FS]	10.93- 09.96	111317	14 80				
Probe 2.2 GTi	[99C]	10.92- 07.93	111317	14 80				
Probe 2.5 V6 24V	[KL]	10.93-	111315	14 90				
Probe 3.0 V6		09.89- 07.93	111317	14 80				
Puma 1.4 16V	[FHD]	11.97- 10.00	113952	14 70		02.98-	111906	12 1.1
	[FHF]	11.97- 10.00	113952	14 70		11.97- 10.00	115504	12 1.1 A49
						11.97- 10.00	111909	12 1.1
Puma 1.6 16V	[L1W]	08.00-	113952	14 70		08.00-	111906	12 1.1
Puma 1.7 ST 160	[ZH17]					06.99-	111906	12 1.1
Puma 1.7 16V	[MHA]					03.97-	111906	12 1.1
	[MHB]					03.97-	111906	12 1.1
Ranger 2.2 TDCi	[GBVAJQW]	11.11-	115576	14 150				
		05.15-	115576	14 150				
Ranger 2.2 TDCi 4x4	[GBVAJOJ]	11.11-	115576	14 150				
	[GBVAJQW]	11.11-	115576	14 150				
		05.15-	115576	14 150				
Ranger 2.5 Diesel	[WL]	10.99- 04.02	114120	14 75		10.99- 04.02	113702	12 2.2
Ranger 2.5 Diesel 4x4	[WL]	10.99- 04.02	112352	14 70		10.99- 04.02	113702	12 2.2
		10.99- 04.02	114120	14 75				
Ranger 2.5 TD	[WL-T]	04.02-	112352	14 70		04.02-	113702	12 2.2
Ranger 2.5 TD 4x4	[WL-T]	10.99-	112352	14 70		10.99-	113702	12 2.2
						10.99-	112600	12 1.4
Ranger 3.0 TDCi 4x4	[WEAT]	05.06-	112352	14 70				
Ranger 3.2 TDCi 4x4	[SAFA]	11.11-	115576	14 150				
Scorpio 1.8	[REC]	04.85- 02.92	111086	14 65		09.85- 02.92	111269	12 1.4
						AT 04.85- 02.92	111030	12 1.4
						04.85- 09.85	110336	12 0.75



Scorpio 2.0	[N8A]					AT 11.88- 10.92	111030	12 1.4
	[N8D]					05.89- 02.92	111030	12 1.4
	[N9D]					05.89- 02.92	111030	12 1.4
	[NEL]	04.85- 08.89	111086	14 65		09.85- 08.89	111269	12 1.4
Scorpio 2.0 i 16V	[N3A]					AT 04.85- 08.89	111030	12 1.4
Scorpio 2.0 i	[N9B]					10.94- 12.98	111030	12 1.4
	[N9D]					05.89- 02.92	111030	12 1.4
	[N9F]					05.89- 02.92	111030	12 1.4
	[N9A]					09.91- 12.94	111030	12 1.4
						AT 04.85- 02.92	111030	12 1.4
						02.92- 12.94	111030	12 1.4
						09.85- 02.92	111269	12 1.4
		[NRC]				AT 10.85- 12.90	111030	12 1.4
					10.85- 12.90	111269	12 1.4	
	[NRI]				AT 09.85- 12.94	111030	12 1.4	
					09.85- 02.92	111269	12 1.4	
	[NSD]					10.94- 12.98	111030	12 1.4
Scorpio 2.3 i 16V	[Y5A]					06.96- 12.98	111030	12 1.4
Scorpio 2.4 i	[ARC]					09.86- 09.88	110842	12 1.4
	[ARD]					10.88- 12.94	110842	12 1.4
	[ARDV6EFIHC]					10.88- 02.92	110842	12 1.4
Scorpio 2.5 Diesel	[SCB]	08.93- 09.94	111086	14 65				
	[STR]	12.85- 12.94	111086	14 65				
		RHD 12.85- 12.94	111364	14 55				
		RHD 12.85- 12.94	111368	14 70				
Scorpio 2.5 TD	[SCB]	08.93- 09.94	111086	14 65				
	[SCC]	10.94- 08.98	111742	14 70				
	[VM]	09.96- 08.98	111623	14 70				
		09.96- 08.98	111742	14 70				
		09.96- 08.98	115890	14 70	A49			
Scorpio 2.8 i	[PRE]	04.85- 11.86	111289	14 70		04.85- 11.86	110842	12 1.4
		04.85- 11.86	111362	14 55				
Scorpio 2.8 i 4x4	[PRE]	10.85- 11.86	111289	14 70				
		10.85- 11.86	111362	14 55				
Scorpio 2.9 24V	[BOA]					08.93- 09.94	110842	12 1.4
Scorpio 2.9 i 24V	[BOA]					04.91- 02.92	110842	12 1.4
	[BOB]	10.94- 12.98	112698	14 100				
Scorpio 2.9 i	[BRC]					09.86- 02.92	110842	12 1.4
	[BRD]					09.86- 12.94	110842	12 1.4
	[BRE]					09.86- 02.92	110842	12 1.4
	[BRF]					09.91- 12.94	110842	12 1.4
	[BRG]	02.95- 12.98	112698	14 100		02.95- 12.98	110842	12 1.4
						09.86- 02.92	110842	12 1.4
Scorpio 2.9 i 4x4	[BRC]					09.86- 02.92	110842	12 1.4
	[BRD]					09.86- 02.93	110842	12 1.4
	[BRE]					10.87- 02.93	110842	12 1.4
	[BRF]					10.87- 02.93	110842	12 1.4
						08.82- 12.86	110831	12 0.8
Sierra 1.3	[JCT]	08.82- 12.86	111086	14 65		AT 08.82- 12.86	111269	12 1.4
						RHD 08.82- 12.86	110831	12 0.8
						08.82- 12.86	110336	12 0.75
Sierra 1.6	[LCS]	08.82- 12.86	111086	14 65		A13 08.85- 12.86	111269	12 1.4
		08.82- 12.86	111411	14 75		AT 08.82- 12.86	110336	12 0.75
						RHD 08.82- 08.85	110831	12 0.8
	[LCT]	08.82- 12.86	111086	14 65		RHD 08.82- 08.85	110831	12 0.8
		08.82- 12.86	111411	14 75		A13 08.85- 12.86	111269	12 1.4
						AT 08.82- 12.86	110336	12 0.75
						08.82- 12.86	110336	12 0.75
	[LSD]	08.82- 12.86	111086	14 65		RHD 08.82- 08.85	110831	12 0.8
		08.82- 12.86	111411	14 75		A13 08.85- 12.86	111269	12 1.4
						AT 08.82- 12.86	110336	12 0.75
						08.82- 12.86	110336	12 0.75
	[LSE]	01.87- 02.93	111086	14 65		01.87- 02.93	111269	12 1.4
						08.90- 02.93	111131	12 0.8
[LSF]	01.88- 02.93	111086	14 65		01.88- 02.93	111269	12 1.4	
Sierra 1.6 i	[L6B]					10.89- 02.93	111030	12 1.4
Sierra 1.8	[R2A (XU102C)]					A13 05.88- 02.93	111030	12 1.4
	[R2C]					A13 05.88- 02.93	111030	12 1.4
						AT 05.88- 02.93	111030	12 1.4
	[R6A]					A13 05.88- 02.93	111030	12 1.4
	[REB]	10.84- 12.86	111086	14 65		A13 10.84- 12.86	111269	12 1.4
						10.84- 12.86	110336	12 0.75
	[RED]	01.87- 05.88	111086	14 65		AT 01.87- 05.88	111030	12 1.4
		01.87- 05.88	111364	14 55		01.87- 05.88	111269	12 1.4
						01.87- 05.88	110336	12 0.75
	[REF]	10.87- 05.88	111086	14 65		AT 10.87- 05.88	111030	12 1.4
	10.87- 05.88	111364	14 55		10.87- 05.88	111269	12 1.4	
					10.87- 05.88	110336	12 0.75	
Sierra 1.8 TD	[RFL]					08.88- 02.93	111911	12 1.4
Sierra 2.0	[N8C]					05.89- 02.93	111030	12 1.4
	[NES]	01.87- 02.93	111086	14 65		01.87- 02.93	111269	12 1.4
		01.87- 02.93	111364	14 55		RHD 01.87- 02.93	110831	12 0.8
						AT 01.87- 02.93	111030	12 1.4
						01.87- 02.93	110336	12 0.75
	[NET]	08.82- 12.86	111086	14 65		08.85- 12.86	111269	12 1.4
						AT 08.82- 10.84	110336	12 0.75
						08.85- 12.86	111030	12 1.4
						10.84- 12.86	110336	12 0.75
	[NR2]	08.85- 12.86	111086	14 65		A13 08.85- 12.86	111269	12 1.4
						AT 08.85- 12.86	111030	12 1.4
						08.85- 12.86	110336	12 0.75
	[NRB]	03.85- 12.86	111086	14 65		A13 08.85- 12.86	111269	12 1.4
						AT 08.85- 12.86	111030	12 1.4
						03.85- 12.86	110336	12 0.75
[NRD]	10.85- 12.86	111086	14 65		AT 10.85- 12.86	111030	12 1.4	
					10.85- 12.86	111269	12 1.4	
[NYT]	08.82- 10.84	111086	14 65					
	08.82- 10.84	111289	14 70					
Sierra 2.0 4x4	[N9C]					AT 05.89- 02.93	111030	12 1.4

STARTERS & ALTERNATORS



Application list

FORD *Continued*

Sierra 2.0 RS Cosworth	[N5B]					11.87- 01.90	111131	12	0.8	
Sierra 2.0 XR4i	[N9C]					01.90- 02.93	111030	12	1.4	
Sierra 2.0 16V Cosworth 4X4	[N5C]					01.93- 02.93	111750	12	1.4	
	[N5D]					01.93- 02.93	111750	12	1.4	
Sierra 2.0 i	[N4A]	01.87- 02.93	111086	14	65	AT 01.87- 02.93	111030	12	1.4	
		01.87- 02.93	111364	14	55		01.87- 02.93	111269	12	1.4
						RHD 01.87- 02.93	110831	12	0.8	
						01.87- 10.89	110336	12	0.75	
	[N4B]	01.87- 02.93	111086	14	65	AT 01.87- 02.93	111030	12	1.4	
		01.87- 02.93	111364	14	55		01.87- 02.93	111269	12	1.4
	[N4I]	01.87- 10.89	111086	14	65	AT 01.87- 10.89	111030	12	1.4	
		01.87- 10.89	111364	14	55		01.87- 10.89	111269	12	1.4
						01.87- 10.89	110336	12	0.75	
	[N8A]					06.89- 02.93	111030	12	1.4	
	[N9B]					06.89- 02.93	111030	12	1.4	
	[N9C]					AT 05.89- 02.93	111030	12	1.4	
	[N9E]					12.91- 02.93	111030	12	1.4	
	[NE5]	01.87- 12.92	111086	14	65	AT 01.87- 12.92	111030	12	1.4	
		01.87- 12.92	111364	14	55		01.87- 12.92	111269	12	1.4
						10.87- 02.93	110831	12	0.8	
	[NEJ]	01.87- 12.92	111086	14	65	AT 01.87- 12.92	111030	12	1.4	
		01.87- 12.92	111364	14	55		01.87- 12.92	111269	12	1.4
	[NR2]	08.85- 12.86	111086	14	65	A13 08.85- 12.86	111269	12	1.4	
						AT 08.85- 12.86	111030	12	1.4	
						08.85- 12.86	110336	12	0.75	
	[NRB]	03.85- 12.86	111086	14	65	A13 08.85- 12.86	111269	12	1.4	
						AT 08.85- 12.86	111030	12	1.4	
						03.85- 12.86	110336	12	0.75	
Sierra 2.3	[YVT]	08.82- 12.86	111289	14	70					
		08.82- 12.86	111362	14	55					
Sierra 2.3 Diesel	[YTR]	01.87- 09.89	111086	14	65					
		01.87- 09.89	111364	14	55					
		01.87- 09.89	111368	14	70					
		RHD 01.87- 09.89	111364	14	55					
	[YTT]	02.82- 12.86	111289	14	70					
Sierra 2.8 4x4	[PRG]	01.87- 08.88	111289	14	70					
		01.87- 08.88	111362	14	55					
Sierra 2.8 XR 4x4	[PRT]	02.85- 12.86	111289	14	70					
		02.85- 12.86	111362	14	55					
Sierra 2.8 XR4i	[PR5]	08.82- 12.86	111289	14	70	02.85- 12.86	110842	12	1.4	
		08.82- 12.86	111362	14	55					
	[PR6]	08.82- 12.86	111289	14	70	02.85- 12.86	110842	12	1.4	
		08.82- 12.86	111362	14	55					
	[PRT]	08.82- 02.85	111289	14	70					
		08.82- 02.85	111362	14	55					
Sierra 2.8 i XR 4X4	[PR5]	09.83- 12.86	111289	14	70					
		10.84- 08.85	111362	14	55					
	[PR7]	01.87- 02.93	111289	14	70					
	[PRG]	01.87- 08.88	111289	14	70					
		01.87- 08.88	111362	14	55					
Sierra 2.8 i XR4	[PR5]	08.82- 12.86	111289	14	70	01.86- 12.86	110842	12	1.4	
Sierra 2.8 i	[PR8]	01.87- 02.93	111289	14	70					
Sierra 2.8 i 4x4	[PR5, PR6]	08.82- 12.86	111289	14	70	01.86- 12.86	110842	12	1.4	
	[PR6]	08.82- 12.86	111289	14	70	01.86- 12.86	110842	12	1.4	
	[PR7]	01.87- 02.93	111289	14	70					
Sierra 2.9	[B4B]					08.88- 02.93	110842	12	1.4	
	[B4C]					08.88- 02.93	110842	12	1.4	
Sierra 2.9 4x4	[B4B]					08.88- 02.93	110842	12	1.4	
	[B4C]					08.88- 02.93	110842	12	1.4	
									BO	
Sierra 2.9 i XR 4x4	[B4A]					08.88- 02.93	110842	12	1.4	
	[B4B]					08.88- 02.93	110842	12	1.4	
	[B4C]					08.88- 02.93	110842	12	1.4	
Sierra 2.9 i	[B4B]					08.88- 02.93	110842	12	1.4	
	[B4C]					08.88- 02.93	110842	12	1.4	
S-Max 1.6 EcoBoost	[JTWA]					02.11-	116049	12	1.2	
	[JTWB]					02.11-	116049	12	1.2	
S-Max 1.6 TDCi	[T1WA]	02.11-	114724	14	150	A25 02.11-	116316	12	2.0	
						02.11-	113908	12	1.2	
						02.11-	116062	12	1.2	
	[T1WB]	02.11-	114724	14	150	A25 02.11-	116316	12	2.0	
						02.11-	113908	12	1.2	
						02.11-	116062	12	1.2	
S-Max 1.8 TDCi	[FFWA]	01.07- 11.10	114898	14	150	01.07-	114092	12	2.0	
	[OYWA]	05.06- 11.10	114898	14	150	05.06-	114092	12	2.0	
S-Max 2.0	[AOWA]	05.06-	115417	14	150	05.06-	113906	12	1.2	
		05.06-	115847	14	150					
	[AOWB]	05.06-	115417	14	150	05.06-	113906	12	1.2	
		05.06-	115847	14	150					
S-Max 2.0 EcoBoost	[R9CD]					02.15-	113906	12	1.2	
	[R9CI]					02.15-	113906	12	1.2	
	[TNWB]					07.10-	113906	12	1.2	
S-Max 2.0 SCTi EcoBoost	[TPWA]					07.10-	113906	12	1.2	
S-Max 2.0 TDCi Bi-Turbo	[T9CB]					A25 02.15-	116268	12	1.8	
	[T9CC]					A25 02.15-	116268	12	1.8	
S-Max 2.0 TDCi	[AZWA]	05.06-	116441*	14	150	05.06-	116157	12	2.2	
						05.06-	113911	12	2.2	
	[AZWC]	05.06-	116441*	14	150	05.06-	116157	12	2.2	
						05.06-	113911	12	2.2	
	[KLWA]	11.07-	116441*	14	150	11.07-	116157	12	2.2	
						11.07-	113911	12	2.2	
	[OXWA]	05.06-	116441*	14	150	05.06-	116157	12	2.2	
						05.06-	113911	12	2.2	
	[OXWB]	05.06-	116441*	14	150	05.06-	116157	12	2.2	
						05.06-	113911	12	2.2	
	[OXWC]	05.06-	116441*	14	150	05.06-	116157	12	2.2	
						05.06-	113911	12	2.2	
	[T7CI]					A25 02.15-	116268	12	1.8	



	[T7CJ]					A25 02.15-	116268	12 1.8
	[T7CK]					A25 02.15-	116268	12 1.8
	[T7CL]					A25 02.15-	116268	12 1.8
	[T8CG]					A25 02.15-	116268	12 1.8
	[T8CH]					A25 02.15-	116268	12 1.8
	[T8CI]					A25 02.15-	116268	12 1.8
	[T8CJ]					A25 02.15-	116268	12 1.8
	[TYWA]	11.07-	116441*	14 150		11.07-	116157	12 2.2
						11.07-	113911	12 2.2 A49
	[UFCA]					A25 02.15-	116268	12 1.8
	[UFCE]					A25 02.15-	116268	12 1.8
	[UFWA]	05.06-	116441*	14 150		05.06-	116157	12 2.2
						05.06-	113911	12 2.2 A49
	[UKWA]	05.06-	116441*	14 150		05.06-	116157	12 2.2
						05.06-	113911	12 2.2 A49
S-Max 2.0 TDCi 4x4	[T7CI]					A25 02.15-	116268	12 1.8
	[T7CJ]					A25 02.15-	116268	12 1.8
	[T7CK]					A25 02.15-	116268	12 1.8
	[T7CL]					A25 02.15-	116268	12 1.8
	[T8CG]					A25 02.15-	116268	12 1.8
	[T8CH]					A25 02.15-	116268	12 1.8
	[T8CI]					A25 02.15-	116268	12 1.8
	[T8CJ]					A25 02.15-	116268	12 1.8
S-Max 2.0 FlexFuel	[TBWA]	05.06-	115417	14 150		05.06-	113906	12 1.2
		05.06-	115847	14 150				
	[TBWB]	05.06-	115417	14 150		05.06-	113906	12 1.2
		05.06-	115847	14 150				
S-Max 2.2 TDCi	[KNWA]	07.10-	115544	14 150		07.10-	115405	12 2.2
	[O4WA]	03.08-	115544	14 150		03.08-	115405	12 2.2
S-Max 2.3	[SEWA]	07.07-	115847	14 150		07.07-	113906	12 1.2
S-Max 2.5 ST	[HUWA]	05.06-	115434	14 150		05.06-	115641	12 1.4
Streetka 1.6 i						12.02-	114162	12 1.1
Taurus 1.3	[JAC]	01.70- 07.82	111086	14 65		01.70- 07.82	110336	12 0.75
	[JCC]	07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
		08.70- 02.76	111086	14 65		08.70- 02.76	110336	12 0.75
Taurus 1.6	[LAD]	01.74- 05.79	111086	14 65		01.74- 05.79	110336	12 0.75
	[LAR]	07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
	[LCJ]	08.70- 07.82	111086	14 65		08.70- 07.82	110336	12 0.75
	[LE]					08.76- 07.82	110336	12 0.75
		08.70- 02.76	111086	14 65		08.70- 02.76	110336	12 0.75
Taurus 1.6 1600	[LCJ]	01.70- 05.75	111086	14 65		01.70- 05.75	110336	12 0.75
Taurus 2.0	[NEE]	08.73- 02.76	111086	14 65				
	[NEG]	08.73- 07.79	111086	14 65				
	[NER]	07.79- 07.82	111086	14 65		07.79- 07.82	110336	12 0.75
	[NWR]	07.79- 07.82	111289	14 70				
		07.79- 07.82	111362	14 55				
	[NYR]	05.75- 05.79	111289	14 70				
		01.76-	111086	14 65				
		12.75- 07.76	111086	14 65				
Taurus 2.0 V6		08.70- 02.76	111289	14 70				
Taurus 2.3	[YYF]	05.75- 07.79	111289	14 70				
	[YYR]	07.79- 07.82	111289	14 70				
Taurus 2.3 V6		08.71- 02.76	111289	14 70				
Tourneo Connect 1.0 EcoBoost	[M2GA]	11.13-	115933	14 150				
Tourneo Connect 1.5 TDCi	[XUGA]	05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
	[XVGA]	05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
	[XVGB]	05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
	[XVGC]	05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
	[XWGA]	05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
	[XWGB]	05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
Tourneo Connect 1.6 EcoBoost	[JOGA]					11.13-	116050	12 1.4 A49
Tourneo Connect 1.6 TDCi	[T1GA]	09.13-	114724	14 150		09.13-	116062	12 1.2
		09.13-	115459	14 120		A25 09.13-	116316	12 2.0
						09.13-	113908	12 1.2 A49
	[TZGA]	09.13-	114724	14 150		09.13-	116062	12 1.2
		09.13-	115459	14 120		A25 09.13-	116316	12 2.0
						09.13-	113908	12 1.2 A49
	[TZGB]	09.13-	114724	14 150		09.13-	116062	12 1.2
		09.13-	115459	14 120		A25 09.13-	116316	12 2.0
						09.13-	113908	12 1.2 A49
	[UBGA]	09.13-	114724	14 150		A25 09.13-	116316	12 2.0
		09.13-	115459	14 120		09.13-	116062	12 1.2
						09.13-	113908	12 1.2 A49
Tourneo Connect 1.8 TDCi	[RWPA]	08.06-	113710	14 125		08.06-	113910	12 1.4
		08.06-	116124	14 125 A49				
	[RWPC]	08.06-	113710	14 125		08.06-	113910	12 1.4
		08.06-	116124	14 125 A49				
	[RWPD]	08.06-	113710	14 125		08.06-	113910	12 1.4
		08.06-	116124	14 125 A49				
Tourneo Courier 1.0 EcoBoost	[SFCA]					02.14-	115555	12 1.0
	[SFCB]					02.14-	115555	12 1.0
	[SFCC]					02.14-	115555	12 1.0
	[SFCD]					02.14-	115555	12 1.0



Application list

FORD *Continued*

Tourneo Courier 1.5 TDCi	[UGCA]	02.14-	114724	14 150		02.14-	116159	12 1.4
		02.14-	115459	14 120		A25 02.14-	116421*	12 2.0
						02.14-	113905	12 1.4 A49
	[UGCB]	02.14-	114724	14 150		02.14-	116159	12 1.4
02.14-		115459	14 120		A25 02.14-	116421*	12 2.0	
Tourneo Courier 1.5 TDCi Courier Kombi	[XVCA]	05.15-	114724	14 150		02.14-	113905	12 1.4 A49
						A25 05.15-	116421*	12 2.0
						05.15-	113905	12 1.4 A49
						05.15-	116159	12 1.4
	[XVCB]	05.15-	114724	14 150		A25 05.15-	116421*	12 2.0
						05.15-	113905	12 1.4 A49
					05.15-	116159	12 1.4	
Tourneo Courier 1.6 TDCi	[T3CA]	02.14-	114724	14 150		02.14-	116159	12 1.4
		02.14-	115459	14 120		A25 02.14-	116421*	12 2.0
					02.14-	113905	12 1.4 A49	
	[T3CB]	02.14-	114724	14 150		02.14-	116159	12 1.4
		02.14-	115459	14 120		A25 02.14-	116421*	12 2.0
					02.14-	113905	12 1.4 A49	
Tourneo Custom 2.2 TDCi	[CVFF]	12.12-	115461	14 150		A25 12.12-	115986	12 2.5
		12.12-	116061	14 150 A49		12.12-	116247*	12 2.2 VA
						12.12-	113959	12 2.0
						12.12-	115510	12 2.0 A49
	[CYF4]	12.12-	115461	14 150		A25 12.12-	115986	12 2.5
		12.12-	116061	14 150 A49		12.12-	116247*	12 2.2 VA
						12.12-	113959	12 2.0
						12.12-	115510	12 2.0 A49
	[CYFF]					A25 12.12-	115986	12 2.5
						12.12-	116247*	12 2.2 VA
	[DRF4]	12.12-	115461	14 150		A25 12.12-	115986	12 2.5
		12.12-	116061	14 150 A49		12.12-	116247*	12 2.2 VA
					12.12-	113959	12 2.0	
					12.12-	115510	12 2.0 A49	
[DRFF]					A25 12.12-	115986	12 2.5	
					12.12-	116247*	12 2.2 VA	
[DRFG]					A25 12.12-	115986	12 2.5	
					12.12-	116247*	12 2.2 VA	
Transit 1.5	[EX]	12.68- 05.73	110178	14 36				
		05.72- 05.73	110759	14 35				
Transit 1.6	[4RB]	04.78- 12.85	110759	14 35				
		04.78- 12.85	111086	14 65				
	[B]					AT 11.77- 10.86	110831	12 0.8
	[LAT]	11.85- 09.91	111086	14 65		11.85- 12.89	110336	12 0.75
		11.85- 09.91	111364	14 55		AT 08.86- 09.91	111030	12 1.4
		11.85- 09.91	111368	14 70				
Transit 1.7	[EY]	04.71- 03.78	110178	14 36				
		04.71- 03.78	110759	14 35				
		01.71- 07.73	110178	14 36				
		05.72- 05.73	110759	14 35				
Transit 1.7 FT100	[EY]	04.71- 03.78	110178	14 36				
		05.72- 03.78	110759	14 35				
Transit 2.0	[4RC]	11.77- 12.95	111086	14 65				
	[N6T]	10.88- 09.91	111086	14 65		AT 10.88- 09.91	111030	12 1.4
		10.88- 09.91	111364	14 55				
		10.88- 09.91	111368	14 70				
	[NAT]	11.85- 09.91	111086	14 65		11.85- 02.89	110336	12 0.75
		11.85- 09.91	111364	14 55		AT 08.86- 09.91	111030	12 1.4
		11.85- 09.91	111368	14 70				
	[NAV]	11.85- 09.91	111086	14 65		11.85- 02.89	110336	12 0.75
		11.85- 09.91	111364	14 55		AT 08.86- 09.91	111030	12 1.4
		11.85- 09.91	111368	14 70				
	[NSF]	11.94-	113529	14 120		11.94-	111030	12 1.4
	[NSG]	11.94-	113529	14 120		11.94-	111030	12 1.4
Transit 2.0 i	[NCA]					AT 09.91- 10.94	111030	12 1.4
Transit 2.0 CNG	[NSH]	06.94- 03.00	113529	14 120		06.94- 03.00	111030	12 1.4
Transit 2.0 Diesel Di	[ABFA]	08.00-	113298	14 105		08.00-	115870	12 2.1 A49
						08.00-	112821	12 2.2
	[D3FA]	08.00-	113298	14 105		08.00-	115870	12 2.1 A49
						08.00-	112821	12 2.2
	[F3FA]	08.00-	113298	14 105		08.00-	115870	12 2.1 A49
					08.00-	112821	12 2.2	
Transit 2.0 TDCi	[FIFA]	08.02-	113298	14 105		08.02-	115870	12 2.1 A49
						08.02-	112821	12 2.2
Transit 2.2 TDCi	[CV24]	05.14-	115576	14 150		05.14-	116065	12 2.5
						05.14-	115732	12 1.7
	[CVF5]	05.14-	115461	14 150		A25 05.14-	115986	12 2.5
		05.14-	116061	14 150 A49		05.14-	116247*	12 2.2 VA
						4WD, RWD 05.14-	115732	12 1.7
						05.14-	113959	12 2.0
						05.14-	115510	12 2.0 A49
	[CVR5]	05.14-	115576	14 150		05.14-	116065	12 2.5
						05.14-	115732	12 1.7
	[CVRA]	10.11-	115576	14 150		10.11-	116065	12 2.5
						10.11-	115732	12 1.7
	[CVRB]	10.11-	115576	14 150		10.11-	116065	12 2.5
					10.11-	115732	12 1.7	
[CVRC]	10.11-	115576	14 150		10.11-	116065	12 2.5	
					10.11-	115732	12 1.7	
[CY14]	05.14-	115461	14 150		05.14-	115510	12 2.0 A49	
	05.14-	116061	14 150 A49		05.14-	116247*	12 2.2 VA	
					05.14-	113959	12 2.0	



[CYF5]	05.14- 05.14- 05.14-	115461 115576 116061	14 150 14 150 14 150 A49	A25	05.14- 05.14- 05.14- 05.14-	115986 115510 116247* 113959	12 2.5 12 2.0 12 2.2 12 2.0	A49 VA
[CYFA]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[CYFB]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[CYFC]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	116247* 115986 113959 115510	12 2.2 12 2.5 12 2.0 12 2.0	VA A49
[CYFD]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	116247* 115986 113959 115510	12 2.2 12 2.5 12 2.0 12 2.0	VA A49
[CYFG]	05.14- 05.14-	115461 116061	14 150 14 150 A49	A25	05.14- 05.14- 05.14- 05.14-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[CYFG, CYF5, CY14]	08.13- 08.13-	115461 116061	14 150 14 150	A25	08.13- 08.13- 08.13- 08.13-	115510 115986 113959 116247*	12 2.0 12 2.5 12 2.0 12 2.2	VA
[CYRA]	10.11-	115576	14 150		10.11- 10.11-	116065 115732	12 2.5 12 1.7	
[CYRB]	10.11-	115576	14 150		10.11- 10.11-	116065 115732	12 2.5 12 1.7	
[DRF5]	08.13- 08.13- 05.14-	115461 116061 115576	14 150 14 150 A49 14 150	A25	08.13- 08.13- 08.13- 08.13-	115510 115986 113959 116247*	12 2.0 12 2.5 12 2.0 12 2.2	VA
[DRFA]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[DRFB]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	116247* 113959 115986 115510	12 2.2 12 2.0 12 2.5 12 2.0	VA A49
[DRFC]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[DRFD]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[DRFE]	10.11- 10.11-	115461 116061	14 150 14 150 A49	A25	10.11- 10.11- 10.11- 10.11-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
[DRFF]	05.14- 05.14- 05.14-	115461 115576 116061	14 150 14 150 14 150 A49	A25	05.14- 05.14- 05.14- 05.14-	115510 113959 115986 116247*	12 2.0 12 2.0 12 2.5 12 2.2	VA
[DRFG]	05.14- 05.14- 05.14-	115461 115576 116061	14 150 14 150 14 150 A49	A25	05.14- 05.14- 05.14- 05.14-	115510 115986 116247* 113959	12 2.0 12 2.5 12 2.2 12 2.0	VA
[DRR5]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
[DRRA]	10.11-	115576	14 150		10.11- 10.11-	116065 115732	12 2.5 12 1.7	
[DRRB]	10.11-	115576	14 150		10.11- 10.11-	116065 115732	12 2.5 12 1.7	
[DRRC]	10.11-	115576	14 150		10.11- 10.11-	116065 115732	12 2.5 12 1.7	
[PBFA]	04.06- 07.06-	115499 113958	14 150 A49 14 150		07.06- 07.06-	115510 113959	12 2.0 12 2.0	A49
[PBFB]	04.06- 07.06-	115499 113958	14 150 A49 14 150		07.06- 07.06-	115510 113959	12 2.0 12 2.0	A49
[PGFA]	10.07- 10.07-	113958 115499	14 150 14 150 A49		10.07- 10.07- 10.07-	115510 116247* 113959	12 2.0 12 2.2 12 2.0	A49 VA
[PGFB]	10.07- 10.07-	113958 115499	14 150 14 150 A49		10.07- 10.07- 10.07-	115510 116247* 113959	12 2.0 12 2.2 12 2.0	A49 VA
[QVFA]	04.06- 07.06-	115499 113958	14 150 A49 14 150		07.06- 07.06-	115510 113959	12 2.0 12 2.0	A49
[QWFA]	04.06- 07.06-	115499 113958	14 150 A49 14 150		07.06- 07.06-	115510 113959	12 2.0 12 2.0	A49
[SRFA]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
[SRFB]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
[SRFC]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
[SRFD]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	115510 113959	12 2.0 12 2.0	A49
[SRFE]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	115510 113959	12 2.0 12 2.0	A49

STARTERS & ALTERNATORS



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	[UHFA]	10.07- 10.07-	113958 115499	14 150 14 150 A49		10.07- 10.07- 10.07-	115510 116247* 113959	12 2.0 12 2.2 12 2.0	A49 VA
	[UHFB]	09.11- 12.13 09.11- 12.13	115461 116061	14 150 14 150 A49	A25	09.11- 12.13 10.07- 09.11- 12.13	115986 116247* 113959	12 2.5 12 2.2 12 2.0	VA
	[UHFC]	10.07- 10.07-	113958 115499	14 150 14 150 A49		10.07- 10.07- 10.07-	115510 116247* 113959	12 2.0 12 2.2 12 2.0	A49 VA
	[USF6]	05.14- 05.14-	115461 116061	14 150 14 150 A49	A25	05.14- 05.14- 05.14- 05.14-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
	[USR6]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
	[USRA]	09.11-	115576	14 150		09.11- 09.11-	116065 115732	12 2.5 12 1.7	
	[USRB]	09.11-	115576	14 150		09.11- 09.11-	115732 116065	12 1.7 12 2.5	
	[UYR6]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
Transit 2.2 TDCi 4x4	[CV24]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
	[CVR5]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
	[CY24]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
	[CYR5]	05.14-	115576	14 150		05.14- 05.14-	116065 115732	12 2.5 12 1.7	
	[CYRB]	10.11-	115576	14 150	A25	10.11- 10.11-	116065 115732	12 2.5 12 1.7	
	[CYRC]	10.11-	115576	14 150		10.11- 10.11-	116065 115732	12 2.5 12 1.7	
		12.14-	115576	14 150	A25	12.14- 12.14-	116065 115732	12 2.5 12 1.7	
Transit 2.2 TDCi Custom	[CVFF]	12.12- 12.12-	115461 116061	14 150 14 150 A49	A25	12.12- 12.12- 12.12- 12.12-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
	[CYF4]	12.12- 12.12-	115461 116061	14 150 14 150 A49	A25	12.12- 12.12- 12.12- 12.12-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
	[CYFF]				A25	12.12- 12.12-	115986 116247*	12 2.5 12 2.2	VA
	[DRF4]	12.12- 12.12-	115461 116061	14 150 14 150 A49	A25	12.12- 12.12- 12.12- 12.12-	115986 116247* 113959 115510	12 2.5 12 2.2 12 2.0 12 2.0	VA A49
	[DRFF]				A25	12.12- 12.12-	115986 116247*	12 2.5 12 2.2	VA
	[DRFG]				A25	12.12- 12.12-	115986 116247*	12 2.5 12 2.2	VA
Transit 2.2 TDCi RWD	[UHR5]	08.13-	115576	14 150	A25	08.13- 08.13-	116065 115732	12 2.5 12 1.7	
	[USRA, USRB]	10.11-	115576	14 150		10.11- 08.14 10.11-	116065 113959	12 2.5 12 2.0	
Transit 2.2 TDCi Tourneo	[PGFA]	10.07- 10.07-	113958 115499	14 150 14 150 A49		10.07- 10.07- 10.07-	115510 116247* 113959	12 2.0 12 2.2 12 2.0	A49 VA
	[PGFB]	10.07- 10.07-	113958 115499	14 150 14 150 A49		10.07- 10.07- 10.07-	115510 116247* 113959	12 2.0 12 2.2 12 2.0	A49
	[QVFA]	07.06- 07.06-	113958 115499	14 150 14 150 A49		07.06- 07.06-	113959 115510	12 2.0 12 2.0	A49
	[QWFA]	07.06- 07.06-	113958 115499	14 150 14 150 A49		07.06- 07.06-	113959 115510	12 2.0 12 2.0	A49
	[SRFA]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
	[SRFB]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
	[SRFC]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
	[SRFD]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
	[SRFE]	10.08- 10.08-	113958 115499	14 150 14 150 A49		10.08- 10.08-	113959 115510	12 2.0 12 2.0	A49
Transit 2.3 16V	[E5FA]	04.01-	113621	14 115		04.01-	111030	12 1.4	
	[E5FC]	04.01-	113621	14 115		04.01-	111030	12 1.4	
	[GZFA]					07.06-	113906	12 1.2	
	[GZFB]					07.06-	113906	12 1.2	
	[GZFC]					07.06-	113906	12 1.2	
Transit 2.3 CNG CNG	[GZFA]					04.06- 08.14	113906	12 1.2	
Transit 2.3 LPG	[GZFA]					04.06- 08.14	113906	12 1.2	
Transit 2.3 FT 100		05.72- 03.78 11.71- 03.78	110759 110178	14 35 14 36					
Transit 2.4 TDE	[DOFA]	07.01- 11.01-	113913 113285	14 110 14 75		07.01- 11.01-	115870 112821	12 2.1 12 2.2	A49
Transit 2.4 Diesel Di	[D2FA]	01.00- 03.00-	113913 113285	14 110 14 75		03.00- 01.00-	112821 115870	12 2.2 12 2.1	A49
	[D2FB]	01.00-	113913	14 110					
	[D2FE]	01.00- 03.00-	113913 113285	14 110 14 75		01.00- 03.00-	115870 112821	12 2.1 12 2.2	A49
	[D4FA]	01.00- 03.00-	113913 113285	14 110 14 75		01.00- 03.00-	115870 112821	12 2.1 12 2.2	A49
	[F4FA]	01.00- 03.00-	113913 113285	14 110 14 75		01.00- 03.00-	115870 112821	12 2.1 12 2.2	A49



Transit 2.4 Diesel	[4AA]	01.77- 05.84	110759	14 35	01.77- 05.84	110461	12 2.8	
			111185	14 43 A47				
		RHD	110178	14 36				
Transit 2.4 TD 4x4	[F4FA]	08.00-	113913	14 110				
Transit 2.4 TDCi	[H9FA]	03.04-	113285	14 75	03.04- 03.04-	112821 115870	12 2.2 12 2.1 A49	
	[H9FB]	07.06-	114064	14 150	07.06- 07.06-	115510 113959	12 2.0 A49 12 2.0	
	[H9FD]	07.06-	114064	14 150	04.06- 07.06-	115510 113959	12 2.0 A49 12 2.0	
	[JXFA]	07.06-	114064	14 150	04.06- 07.06-	115510 113959	12 2.0 A49 12 2.0	
	[JXFC]	04.06-	114064	14 150	04.06- 04.06-	115510 113959	12 2.0 A49 12 2.0	
	[PHFA]	07.06-	114064	14 150	07.06- 07.06-	115510 113959	12 2.0 A49 12 2.0	
	[PHFC]	07.06-	114064	14 150	07.06- 07.06-	115510 113959	12 2.0 A49 12 2.0	
	Transit 2.4 TDCi 4x4	[H9FB]	11.06-	114064	14 150	11.06- 11.06-	115510 113959	12 2.0 A49 12 2.0
	Transit 2.4 TDDi	[D4FA]	08.00- 08.03	113913	14 110			
Transit 2.4 TDE	[DOFA]	07.01-	113913	14 110	07.01-	115870	12 2.1 A49	
		11.01-	113285	14 75	11.01-	112821	12 2.2	
	[FXFA]	03.04-	113285	14 75	03.04- 03.04-	112821 115870	12 2.2 12 2.1 A49	
Transit 2.5 Diesel Di	[4BC]	05.91- 08.94 08.91- 07.97 08.91- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	08.91- 10.96 10.96-	110461 112251	12 2.8 12 2.3	
	[4CC]	05.91- 08.94 08.91- 07.97 08.91- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	08.91- 10.96 10.96-	110461 112251	12 2.8 12 2.3	
	[4DA]	05.91- 08.94 09.91- 07.97 09.91- 07.97	115890 111623 111742	14 70 A49 14 70 14 70	09.91- 10.96 10.96-	110461 112251	12 2.8 12 2.3	
	[4ED]	05.99- 03.00	111797	14 95	05.99- 03.00	112251	12 2.3	
	[4FA]	05.91- 03.00 08.91- 07.97 08.91- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	08.91- 10.96 10.96-	110461 112251	12 2.8 12 2.3	
	[4FB]	06.94- 03.00 07.94- 07.97 07.94- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	10.96- 07.94- 10.96	112251 110461	12 2.3 12 2.8	
	[4FC]	06.94- 03.00 07.94- 07.97 07.94- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	10.96- 07.94- 10.96	112251 110461	12 2.3 12 2.8	
	[4FD]	08.91- 07.97 08.91- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95	04.97- 06.94- 03.00	112251 110461	12 2.3 12 2.8	
	[4GA]	10.92- 08.94 11.92- 07.97 11.92- 07.97 08.97-	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	10.92- 10.96 10.96-	110461 112251	12 2.8 12 2.3	
	[4GB]	10.92- 08.94 08.94- 07.97 08.94- 07.97 08.97- 08.00	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	10.96- 08.00 08.94- 10.96	112251 110461	12 2.3 12 2.8	
	[4GC]	10.92- 08.94 08.94- 07.97 08.94- 07.97 08.97- 08.00	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	10.96- 08.94- 10.96	112251 110461	12 2.3 12 2.8	
	[4HB]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95	10.96- 06.94- 10.96	112251 110461	12 2.3 12 2.8	
	[4HC]	06.94- 07.97 06.94- 07.97 06.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95	06.94- 03.00	110461	12 2.8	
	Transit 2.5 Diesel	[4AB]	10.83- 02.86 01.86- 08.91	110759 110607	14 35 14 70	10.83- 08.91	110461	12 2.8
		[4BA]	02.86- 08.91	110607	14 70	02.86- 08.91	110461	12 2.8
		[4CA]	02.86- 08.91	110607	14 70	02.86- 08.91	110461	12 2.8
		[4ED]	08.97-	111797	14 95	10.96-	112251	12 2.3
	Transit 2.5 DTI	[4HC]	07.94- 07.97 07.94- 07.97 07.94- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95			
		[4EA]	05.91- 08.94 09.91- 08.94 09.91- 08.94	115890 111623 111742	14 70 A49 14 70 14 70	05.91- 08.94	110461	12 2.8
		[4EB]	05.91- 03.00 07.94- 07.97 07.94- 07.97 08.97- 08.00	115890 111623 111742 111797	14 70 A49 14 70 14 70 14 95	10.96- 07.94- 10.96	112251 110461	12 2.3 12 2.8
		[4EC]	08.91- 07.97 08.91- 07.97 07.94- 03.00 07.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95	08.91- 08.94 10.96- 08.00	110461 112251	12 2.8 12 2.3
	[4GA]	10.92- 07.97 10.92- 07.97 10.92- 03.00 08.97-	111623 111742 115890 111797	14 70 14 70 14 70 A49 14 95	10.92- 10.96 10.96-	110461 112251	12 2.8 12 2.3	



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	[4GB]	10.92-03.00	115890	14 70	A49	10.96-	112251	12 2.3
		06.94-07.97	111623	14 70		06.94-10.96	110461	12 2.8
		06.94-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4GC]	10.92-03.00	115890	14 70	A49	10.96-	112251	12 2.3
		06.94-07.97	111623	14 70		06.94-10.96	110461	12 2.8
		06.94-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4GD]	06.94-07.97	111623	14 70		06.94-03.00	110461	12 2.8
		06.94-07.97	111742	14 70				
		06.94-03.00	115890	14 70	A49			
		08.97-	111797	14 95				
	[4GE]	06.94-07.97	111623	14 70		06.94-03.00	110461	12 2.8
		06.94-07.97	111742	14 70				
		06.94-03.00	115890	14 70	A49			
		08.97-	111797	14 95				
	[4GF]	06.94-07.97	111623	14 70		06.94-03.00	110461	12 2.8
		06.94-07.97	111742	14 70				
		06.94-03.00	115890	14 70	A49			
		08.97-	111797	14 95				
	[4HA]	10.98-	111797	14 95		10.98-	112251	12 2.3
	[4HD]	10.98-	111797	14 95		10.98-	112251	12 2.3
Transit 2.5 TDi	[4EB]	06.94-03.00	115890	14 70	A49	10.96-	112251	12 2.3
		09.95-07.97	111623	14 70		09.95-10.96	110461	12 2.8
		09.95-07.97	111742	14 70				
		08.97-	111797	14 95				
	[4EC]	06.94-03.00	115890	14 70	A49	06.94-03.00	110461	12 2.8
		09.95-07.97	111623	14 70				
		09.95-07.97	111742	14 70				
		08.97-	111797	14 95				
Transit 2.9 i	[BRT]				01.91-	110842	12 1.4	
Transit 3.2 TDCi	[SAFA]	09.07-	114064	14 150		09.07-	115510	12 2.0 A49
						09.07-	113959	12 2.0
	[SAFB]	09.07-	114064	14 150		09.07-	115510	12 2.0 A49
					09.07-	113959	12 2.0	
Transit Connect 1.0 EcoBoost	[M2GA]	11.13-	115933	14 150				
Transit Connect 1.5 TDCi	[XUGA]	08.15-	114724	14 150		08.15-	116062	12 1.2
		08.15-	115459	14 120		A25 08.15-	116316	12 2.0
						08.15-	113908	12 1.2 A49
[XVGA]		05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
[XVGB]		05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
[XVGC]		05.15-	114724	14 150		05.15-	113908	12 1.2 A49
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	116062	12 1.2
[XWGA]		05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
[XWGB]		05.15-	114724	14 150		05.15-	116062	12 1.2
		05.15-	115459	14 120		A25 05.15-	116316	12 2.0
						05.15-	113908	12 1.2 A49
Transit Connect 1.6 EcoBoost	[JQGA]					11.13-	116050	12 1.4 A49
Transit Connect 1.6 TDCi	[T1GA]	09.13-	114724	14 150		09.13-	113908	12 1.2 A49
		09.13-	115459	14 120		09.13-	116062	12 1.2
[TZGA]		09.13-	114724	14 150		09.13-	113908	12 1.2 A49
		09.13-	115459	14 120		09.13-	116062	12 1.2
					A25 09.13-	116316	12 2.0	
[TZGB]		09.13-	114724	14 150		09.13-	113908	12 1.2 A49
		09.13-	115459	14 120		09.13-	116062	12 1.2
					A25 09.13-	116316	12 2.0	
[UBGA]		09.13-	114724	14 150		09.13-	116062	12 1.2
		09.13-	115459	14 120		A25 09.13-	116316	12 2.0
						09.13-	113908	12 1.2 A49
Transit Connect 1.8 16V	[EYPA]	06.02-	113710	14 125		09.02-	112235	12 1.4
		06.02-	116124	14 125 A49				
		AC 06.02-	113710	14 125				
	[EYPC]	06.02-	113710	14 125		06.02-	112235	12 1.4
	06.02-	116124	14 125 A49					
	AC 06.02-	113710	14 125					
[EYPD]	06.02-	113710	14 125		06.02-	112235	12 1.4	
	06.02-	116124	14 125 A49					
Transit Connect 1.8 16V LPG	[EYPC]	06.02-	113710	14 125		06.02-	112235	12 1.4
		06.02-	116124	14 125 A49				
Transit Connect 1.8 TD	[HCPA]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
	[HCPB]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
	[P9PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
	[P9PB]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
	[P9PC]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
	[P9PD]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
	[R3PA]	06.02-	113710	14 125		06.02-	113910	12 1.4
		06.02-	116124	14 125 A49				
[RWPE]	06.02-	113710	14 125		06.02-	113910	12 1.4	
	06.02-	116124	14 125 A49					
[RWPFF]	06.02-	113710	14 125		06.02-	113910	12 1.4	
	06.02-	116124	14 125 A49					
Transit Connect 1.8 TDCi	[HCPA]	06.02-	116124	14 125 A49		06.02-	113910	12 1.4
		09.02-	113710	14 125				
	[HCPB]					06.02-	113910	12 1.4



	[P9PA]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[P9PB]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[P9PC]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[P9PD]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[R3PA]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[RWPE]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[RWPF]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
Transit Connect 1.8 TDCi DPF	[RWPA]	08.06- 08.06-	113710 116124	14 125 14 125 A49		08.06-	113910	12 1.4
	[RWPC]	08.06- 08.06-	113710 116124	14 125 14 125 A49		08.06-	113910	12 1.4
	[RWPD]	08.06- 08.06-	113710 116124	14 125 14 125 A49		08.06-	113910	12 1.4
Transit Connect 1.8 TDDI	[BHPA]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[P7PA]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[P7PB]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
	[R2PA]	06.02- 06.02-	113710 116124	14 125 14 125 A49		06.02-	113910	12 1.4
Transit Connect Box 1.5 TDCi	[XUGA]	08.15- 08.15-	114724 115459	14 150 14 120		08.15- A25 08.15- 08.15-	116062 116316 113908	12 1.2 12 2.0 12 1.2 A49
Transit Courier 1.0 EcoBoost	[SFCA]					02.14-	115555	12 1.0
	[SFCB]					02.14-	115555	12 1.0
	[SFCC]					02.14-	115555	12 1.0
	[SFCD]					02.14-	115555	12 1.0
Transit Courier 1.5 TDCi	[UGCA]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14- 02.14-	116159 116421* 113905	12 1.4 12 2.0 12 1.4 A49
	[UGCB]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14- 02.14-	116159 116421* 113905	12 1.4 12 2.0 12 1.4 A49
	[XVCA]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	116159 116421* 113905	12 1.4 12 2.0 12 1.4 A49
	[XVCB]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	116421* 113905 116159	12 2.0 12 1.4 A49 12 1.4
	[XVCC]	05.15- 05.15-	114724 115459	14 150 14 120		05.15- A25 05.15- 05.15-	116159 116421* 113905	12 1.4 12 2.0 12 1.4 A49
Transit Courier 1.6 TDCi	[T3CA]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14- 02.14-	116159 116421* 113905	12 1.4 12 2.0 12 1.4 A49
	[T3CB]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14- 02.14-	116421* 116159 113905	12 2.0 12 1.4 12 1.4 A49
	[T3CC]	02.14- 02.14-	114724 115459	14 150 14 120		02.14- A25 02.14- 02.14-	116159 116421* 113905	12 1.4 12 2.0 12 1.4 A49
Transit Tourneo 2.0 Diesel	[D3FA]	06.00- 08.03	113298	14 105		06.00- 08.03	112821	12 2.2
	[FIFA]	03.02- 03.06	113298	14 105		03.02- 03.06	112821	12 2.2
		06.00- 03.05	113298	14 105		06.00- 03.05	112821	12 2.2
Transit Tourneo 2.2 Diesel	[CYFA]	10.11- 08.14	115461	14 150		A25 10.11- 08.14 10.11- 08.14	115986 113959	12 2.5 12 2.0
	[CYFB]	10.11- 08.14	115461	14 150		A25 10.11- 08.14 10.11- 08.14	115986 113959	12 2.5 12 2.0
Various Models							116137	12 2.8 A49
						10.98-	111906	12 1.1
						07.85- 02.92	111030	12 1.4
						01.86- 12.94	110842	12 1.4
						01.76- 01.88	110831	12 0.8
						01.71-	110462	12 2.8
						04.72- 12.86	110461	12 2.8
						01.71- 01.82	110336	12 0.75
Windstar 3.0 V6						03.95- 01.00	112586	12 1.4
TRUCKS EU								
0609 4.2	[90/5AA-Dover]	05.81-	111289	14 70				
0709 4.2	[90/5AA-Dover]	05.81-	111289	14 70				
0712 6.2	[7AA/380CID]	05.81-	111289	14 70				
0713 6.2	[130/7AA-Dover]	05.81-	111289	14 70				
	[7AA/380CID]	05.81-	111289	14 70				
0809 4.2	[90/5AA-Dover]	05.81-	111289	14 70				
0811 5.9		05.81-	111289	14 70				
0812 6.2	[130/7AA-Dover]	01.80- 05.81	110759	14 35				
		05.81-	111289	14 70				
	[7AA/380CID]	01.80- 05.81	110759	14 35				
		05.81-	111289	14 70				
0813 6.2	[130/7AA-Dover]	05.81-	111289	14 70				
	[7AA/380CID]	05.81-	111289	14 70				
0913 6.2	[130/7AA-Dover]	05.81-	111289	14 70		01.82- 01.96	113380	12 2.8
0915 5.9	[150/6CA-Dover]	05.81-	110116	28 35		01.82- 01.96	113380	12 2.8
		05.81-	111146	28 55				
		05.81-	111289	14 70				
		04.82- 11.87	112747	28 55				



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1013 6.2	[130/7AA-Dover]	05.81- 05.81- 05.81- 04.82- 11.87	110116 111146 111289 112747	28 35 28 55 14 70 28 55				
1113 6.2	[130/7AA-Dover]	05.81-	111289	14 70				
1115 6.0	[150/6CA-Dover]	05.81- 05.81- 05.81- 04.82- 11.87	110116 111146 111289 112747	28 35 28 55 14 70 28 55	01.82- 01.96	113380	12 2.8	
1215 5.9	[150/6CA-Dover]	05.81-	111289	14 70	01.82- 01.96	113380	12 2.8	
1315 6.0	[150/6CA-Dover]	05.81- 05.81- 05.81- 04.82- 11.87	110116 111146 111289 112747	28 35 28 55 14 70 28 55	05.81- 01.82- 06.94	113378 113380	12 2.8	
1515 6.0	[150/6CA-Dover]	05.81- 05.81- 05.81- 04.82- 11.87	110116 111146 111289 112747	28 35 28 55 14 70 28 55	01.82- 06.94	113380	12 2.8	
2115 6.0	[150/6CA-Dover]	05.81- 05.81- 05.81- 04.82- 11.87	110116 111146 111289 112747	28 35 28 55 14 70 28 55	01.82- 06.94	113380	12 2.8	
2220 9.6	[F6L413]	10.82- 03.84	111146	28 55				
2420 9.6	[F6L413]	10.82- 08.87	111146	28 55				
2817 9.6	[F6L413]	04.82- 12.99 04.82- 12.99	111146 112747	28 55 28 55				
3020 9.6	[F6L413]	04.82- 12.99 04.82- 12.99	111146 112747	28 55 28 55				
3220 9.6	[F6L413]	04.82- 08.87 04.82- 08.87	111146 112747	28 55 28 55				
4028 10.0	[LTA]	02.86- 12.99	111146	28 55				
2820 S 9.6	[F6L413]	12.84- 08.87	111146	28 55				
Cargo	[4 cyl]	05.81- 03.82 05.81- 01.82 04.82- 11.87	111146 111289 112747	28 55 14 70 28 55	05.81-	110465	12 2.8	
	[6 cyl]	05.81- 03.82 05.81- 01.82 04.82- 11.87	111146 111289 112747	28 55 14 70 28 55	05.81- 06.94 05.81- 06.94	110465 113380	12 2.8 12 2.8	
Various Models					05.81- 08.82-	113380 110534	12 2.8 24 5.4	
AGRICULTURE								
1320	[3-77]	01.87- 01.98	113562	14 40	01.87- 01.98 01.87- 01.98	112177 111703	12 1.7 12 2.0	
1520	[3-81]	01.87- 01.97	113562	14 40	01.87- 01.98 01.87- 01.98	112177 111703	12 1.7 12 2.0	
1530	[3-81]	01.96- 01.98	113562	14 40	01.96- 01.98	112177	12 1.7	
1620	[3-81]	01.91- 01.97	113562	14 40	01.76- 01.79 01.92- 01.97	112177 111703	12 1.7 12 2.0	
1630	[3-81]	01.96- 01.98	113562	14 40	01.97- 01.99	112177	12 1.7	
1710						111275	12 2.0	
					01.83- 01.87	112177	12 1.7	
1715	[3-81]	01.93- 01.97	113562	14 40	01.93- 01.97	112177	12 1.7	
1720	[3-91]	01.87- 01.02	113562	14 40	01.87- 01.02	112177	12 1.7	
1725	[3-81]	01.96- 01.98	113562	14 40	01.96- 01.98	112177	12 1.7	
1910					01.84- 01.88	110552	12 1.2	
1920	[4-122]	01.87- 01.02	113562	14 40				
1925	[3-91]	01.96- 01.98	113562	14 40	01.96- 01.98	112177	12 1.7	
2000	[158CID.]	09.71- 02.72	111289	14 70	01.69- 12.74 01.69- 12.74	116137 110462	12 2.8 A49 12 2.8	
2120	[4-139]	01.87- 01.02	113562	14 40				
2600			111185 111740 111739 111363	14 43 A47 14 70 14 55 14 45				
3000	[175CID]	04.68- 12.74	110484		04.68- 12.74 04.68- 12.74	116137 110462	12 2.8 A49 12 2.8	
3415	[4-135]	01.93- 01.02	113562	14 40	01.93- 01.98	113696	12 2.0	
3600	[175CID]	01.75- 12.81 01.75- 12.81 01.75- 12.81 01.88-	111185 111363 111739 111740	14 43 A47 14 45 14 55 14 70	01.75- 12.81 01.75- 12.81	116137 110462	12 2.8 A49 12 2.8	
3610	[192CID]	01.81- 01.96 01.88- 01.96	111739 111363	14 55 14 45	01.81- 01.96 01.81- 01.96	110462 116137	12 2.8 12 2.8 A49	
3910					01.82- 01.84	116137	12 2.8 A49	
					01.82- 01.84	110462	12 2.8	
4000	[201CID]	01.68- 12.75	110484		01.68- 12.75 01.68- 12.75	116137 110462	12 2.8 A49 12 2.8	
4100	[183CID]	01.75- 12.81 01.88- 01.88- 01.88-	111185 111363 111739 111740	14 43 A47 14 45 14 55 14 70	01.75- 12.81	110462	12 2.8	
4110		01.88- 01.89 01.88- 01.89	111363 111739	14 45 14 55	01.81- 01.89	116137	12 2.8 A49	
					01.81- 01.89	110462	12 2.8	
4130		06.90- 06.05 06.90- 06.05	111363 111739	14 45 14 55	06.90- 06.05 06.90- 06.05	116137 110462	12 2.8 A49 12 2.8	
4600	[201CID]	01.75- 12.78 01.88- 01.88- 01.88-	111185 111363 111739 111740	14 43 A47 14 45 14 55 14 70	01.75- 12.78 01.75- 12.78	116137 110462	12 2.8 A49 12 2.8	
4610		01.88- 01.89 01.81- 01.89	111363 111739	14 45 14 55	01.81- 01.89 01.81- 01.89	116137 110462	12 2.8 A49 12 2.8	
4830					06.90- 06.05	116137	12 2.8 A49	
					06.90- 06.05	110462	12 2.8	
5000	[256CID]	01.68- 01.71	110484		01.68- 12.77 01.68- 12.77	116137 110462	12 2.8 A49 12 2.8	
5600	[233CID]				01.75- 12.77	110462	12 2.8	
					01.75- 12.77	116137	12 2.8 A49	



5610	[256CID]					01.81- 12.91	110462	12	2.8
						01.81- 12.91	116137	12	2.8 A49
5640		01.92- 01.97	112718	14	100	01.92- 01.97	116137	12	2.8 A49
						01.92- 01.97	110462	12	2.8
6600	[256CID]	01.75- 01.81	111185	14	43 A47	01.75- 01.81	110462	12	2.8
		01.88-	111363	14	45				
		01.88-	111739	14	55	01.75- 01.81	116137	12	2.8 A49
		01.88-	111740	14	70				
6610	[401CID]	01.81- 01.96	111739	14	55	01.81- 01.96	110462	12	2.8
		01.81- 01.91	111740	14	70	01.81- 01.96	116137	12	2.8 A49
		01.88- 01.96	111363	14	45				
6640		01.92- 01.97	112718	14	100	01.92- 01.97	116137	12	2.8 A49
						01.92- 01.97	110462	12	2.8
6700		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
7600			111185	14	43 A47				
		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
7610		06.90- 06.05	111363	14	45	06.90- 06.05	116137	12	2.8 A49
		06.90- 06.05	111739	14	55	06.90- 06.05	110462	12	2.8
7700			111185	14	43 A47				
		01.88-	111740	14	70				
		01.88-	111739	14	55				
		01.88-	111363	14	45				
7710		01.87- 01.91	111740	14	70				
7740		01.92- 01.97	112718	14	100				
						01.92- 01.97	116137	12	2.8 A49
						01.92- 01.97	110462	12	2.8
						01.86- 01.97	112074	12	3.1
7810		06.90- 06.05	111740	14	70	06.90- 06.05	116137	12	2.8 A49
						06.90- 06.05	110462	12	2.8
						01.96- 06.05	112074	12	3.1
7840		01.92- 01.97	112718	14	100	01.92- 01.97	116137	12	2.8 A49
						01.92- 01.97	110462	12	2.8
						01.96- 01.97	112074	12	3.1
8210						06.90- 06.05	116137	12	2.8 A49
						06.90- 06.05	110462	12	2.8
8240		01.92- 01.96	112718	14	100	01.92- 01.96	116137	12	2.8 A49
						01.92- 01.96	110462	12	2.8
						01.96- 01.96	112074	12	3.1
8340		01.92- 01.97	112718	14	100	01.92- 01.97	116137	12	2.8 A49
						01.92- 01.97	110462	12	2.8
						01.96- 01.97	112074	12	3.1
8600	[401CID]	01.75- 12.76	111185	14	43 A47	01.75- 12.76	116137	12	2.8 A49
		01.88-	111363	14	45	01.75- 12.76	110462	12	2.8
		01.88-	111739	14	55				
		01.88-	111740	14	70				
8630		06.90- 06.05	111363	14	45	06.90- 06.05	116137	12	2.8 A49
		06.90- 06.05	111739	14	55	06.90- 06.05	110462	12	2.8
8670		01.94- 12.97	112996	14	115				
8700			111185	14	43 A47				
		01.88-	111739	14	55				
8730						06.90- 06.05	116137	12	2.8 A49
						06.90- 06.05	110462	12	2.8
8770		01.94- 12.97	112996	14	115				
8830						06.90- 06.05	116137	12	2.8 A49
						06.90- 06.05	110462	12	2.8
8870		01.94- 12.97	112996	14	115				
8970		01.94- 12.97	112996	14	115				
9280		01.94- 12.97	112996	14	115				
9480		01.94- 12.97	112996	14	115				
9680		01.94- 12.97	112996	14	115				
9700		01.88-	111739	14	55				
		01.77- 01.79	111185	14	43 A47	01.77- 01.79	116137	12	2.8 A49
		01.77- 01.79	111185	14	43 A47	01.77- 01.79	110462	12	2.8
9880		01.94- 12.97	112996	14	115				
TW 10						01.79- 01.82	116137	12	2.8 A49
						01.79- 01.82	110462	12	2.8
TW 15						01.83- 01.87	116137	12	2.8 A49
						01.83- 01.87	110462	12	2.8
TW 20						01.79- 01.82	116137	12	2.8 A49
						01.79- 01.82	110462	12	2.8
TW 25						01.83- 01.89	116137	12	2.8 A49
						01.83- 01.89	110462	12	2.8
TW 30						01.79- 01.82	116137	12	2.8 A49
						01.79- 01.82	110462	12	2.8
TW 35						01.83- 01.89	110462	12	2.8
						01.83- 01.89	116137	12	2.8 A49
Various Models		01.65-	110484				111300	12	1.4
		01.87- 01.02	113562	14	40				
		01.86- 01.92	111713	14	105				
MARINE									
Various Models			111510	28	55		111213	12	
							112090	24	5.2
GAZ									
TRUCKS EU									
33081 4.7	[D245.7]						113356	24	3.5
Gazel 2.4 TD Euro 2	[4CT190-1]					01.07-	115515	12	2.0 A49
GEAX									
INDUSTRI									
JCB JS130NL/NLC 4.4			115899	28	55				
JCB JS130NLC 4.4			115899	28	55				
JCB JS160NLC 4.4			115899	28	55				
JCB JS210LC 4.8			115899	28	55				



Application list

Gehl									
INDUSTRI									
5640E	[4TNV98]							114874	12 3.0
6640E	[4TNV98]							114874	12 3.0
CTL70 Terrain Loader	[Isuzu]		115432	14 50					
V270	[4TNV98]							114874	12 3.0
Various Models Diesel	[4TNE106]							114098	12 3.0
Ginaf									
TRUCKS EU									
2120 N 5.9	[F4AE0681A]	09.03-	113188	28 70		09.03-	112498	24 4.0	
		09.03-	114296	28 90					
		09.03-	115484	28 70 A49					
		09.03-	115489	28 90 A49					
GMC									
PASSENGER CARS EU									
Various Models								112240	12 1.7
								112912	12 1.6
Gmeinder									
MISCELLANEOUS									
Various Models						01.71- 12.80	110531	24 6.6	
Goldoni									
AGRICULTURE									
25 1.0 Diesel	[12LD475]	11.90- 12.91	111662	14 33		11.90- 12.91	112034	12 1.7	
		11.90- 12.91	116131	14 33 A49					
35 1.3 Diesel	[8LD665.2]	03.91-	111662	14 33					
		03.91-	116131	14 33 A49					
50 1.9 Diesel	[11LD626]	11.90-	111662	14 33					
		11.90-	116131	14 33 A49					
60 2.0 Diesel	[VM-RA 394]	11.90-	110077	14 50					
		11.90-	110641	14 33					
149 0.6	[RF140]					06.84- 06.99	112034	12 1.7	
238 1.6 Diesel		01.77-	116131	14 33 A49					
		01.77-	111662	14 33					
245 1.9 Diesel	[11LD 625.3]	01.89-	111662	14 33					
		01.89-	116131	14 33 A49					
718 0.7	[7LD665]					01.74- 06.82	113268	12 1.6	
938 1.7 Diesel	[5LD 825.2]	09.88- 04.90	111662	14 33					
		09.88- 04.90	116131	14 33 A49					
1038 1.7 Diesel		01.80- 12.85	111662	14 33					
		01.80- 12.85	116131	14 33 A49					
1055 1.8 Diesel	[VM-RA 394]	03.87- 04.90	110641	14 33					
3050 1.8 Diesel	[VM-RA 394]	04.86- 06.91	110641	14 33					
3050 2.1 Diesel	[VM-HR 394]	06.91-	112768	14 55					
3070 2.1 Diesel	[VM-HR 394]	06.91-	112768	14 55					
		06.90- 06.91	110641	14 33					
3445 1.9 Diesel	[11LD 625.3]	10.88-	111662	14 33					
		10.88-	116131	14 33 A49					
40 B 1.6 Diesel	[11LD 535.3]	06.91-	111662	14 33					
		06.91-	116131	14 33 A49					
50 B 1.9 Diesel	[11LD 626.3]	06.91-	111662	14 33					
		06.91-	116131	14 33 A49					
55 B 2.0 Diesel	[VM-HR 394HP]	09.91-	112768	14 55					
933 DT 1.3 Diesel	[8LD665.2]	09.88-	111662	14 33					
		09.88-	116131	14 33 A49					
945 DT 1.9 Diesel	[11LD 625.3]	04.90-	111662	14 33					
		04.90-	116131	14 33 A49					
945 RS 1.9 Diesel	[11LD 625.3]	04.90-	111662	14 33					
		04.90-	116131	14 33 A49					
Cingolato C45 2.0 Diesel	[VM-RA 394]	04.91-	110641	14 33					
		04.91-	112768	14 55					
Cingolato C60 3.0 Diesel	[VM-SUN 3105]	04.91-	110641	14 33					
		04.91-	112768	14 55					
FC90D 0.4	[6LD..]					04.91- 02.92	112034	12 1.7	
Various Models							115423	12 3.0	
							115470	12 1.8 A49	
							113381	12 2.5	
							116013	12 1.8	
							112171	12 1.1	
						01.74-	112034	12 1.7	
						06.91-	110844	12 2.2	
						01.74- 06.82	113268	12 1.6	
						04.82-	110813	12 2.7	
Grasshopper									
AGRICULTURE									
722d	[Kubota]						114686	12 1.3	
INDUSTRI									
722d	[Kubota]						114686	12 1.3	
Gravely									
AGRICULTURE									
							114674	12 0.6	
Halla									
FORK LIFTS									
Various Forklift	[Perkins]						115674	24 5.0	
Hanomag									
INDUSTRI									
22C 4.1						02.80- 12.95	112670	24 4.0	
33C 5.8	[A6.354.4]					07.80- 07.95	112670	24 4.0	
44 C 7.2	[D943..]					02.80- 07.92	111003	24 5.4	
55C 10.8	[D963B]					01.81- 03.96	111003	24 5.4	
55C 9.5	[D962B]					02.80- 03.96	111003	24 5.4	
600 D 9.5	[D962K]					02.80- 03.96	111003	24 5.4	
66 C 10.8 Turbo	[D963A..]					02.80- 03.96	111003	24 5.4	
700 D 10.8 Turbo	[D963A..]					04.80- 03.96	111003	24 5.4	
77 C 10.8 Turbo	[D963A..]					02.80- 03.96	111003	24 5.4	



Harley Davidson									
MOTOR BIKES									
Dyna 1.4		116078							
Softtail 1.4		116078							
Touring 1.4		116078							
Twin Cam 96 1.4		116078							
Various Models 1.0					01.79- 01.84	111919			
Various Models 1.3					01.94- 01.06	111839	12	1.2	
Various Models 1.4					01.94- 01.06	111839	12	1.2	
Hattat Tarim									
AGRICULTURE									
A-Series						113655	12	3.0	MA
					OE	114388	12	3.2	IS
						116308	12	3.2	IS
Hatz									
MARINE									
Various Models					06.81-	112173	12	2.7	
						114677	12	2.0	
MOTORS									
Engine 0.3	[1D20]				04.89-	114106	12	1.6	
Engine 0.4	[1D30]				04.89-	114106	12	1.6	
	[1D40]				04.89-	114106	12	1.6	
Engine	[1D81]					113982	12	2.0	
Stationnaires 0.5 74	[1D60]				04.89- 08.90	112040	12	1.5	A49
					04.89-	116333*	12	1.5	
Stationnaires 0.7 73	[1D80]				04.89- 08.90	112040	12	1.5	A49
					04.89-	116333*	12	1.5	
Stationnaires 1.4	[2L30.]				03.77- 12.89	112173	12	2.7	
Stationnaires 2.3		111226	14	50					
Stationnaires 2.4		111226	14	50					
Stationnaires 2.8 50	[4L30C]				03.77- 02.89	112173	12	2.7	
Stationnaires 2.8 51	[4L30S]				03.77- 02.89	112173	12	2.7	
Stationnaires 3.3		111226	14	50					
Stationnaires 4.3		111226	14	50					
Stationnaires	[2G30]				01.87-	112034	12	1.7	
	[2G40]				03.89-	112034	12	1.7	
Various Models						114276	12	1.0	
						114117	12	1.0	
						115324	12	1.9	
						114398	24	4.0	
						114677	12	2.0	
Hillman									
PASSENGER CARS EU									
Various Models					01.64- 01.73	111103	12	0.8	
Hino									
TRUCKS EU									
FD1J	[J07C]				01.99-	114436	24	5.0	
FE1J	[J06C]					114436	24	5.0	
	[J07C]				01.99-	114436	24	5.0	
KK-FC1	[J06C]				01.99-	114436	24	5.0	
Trucks Diesel	[750]	01.89-	114423	28	55				
						114345	24	6.0	
Trucks Diesel 12.9	[K13C]					114345	24	6.0	
	[K13D]					114345	24	6.0	
Trucks Diesel 13.3	[EK100]	01.89-	114414	28	55				
Trucks Diesel 16.3	[EF550]	01.89-	114414	28	55				
Trucks Diesel 19.7	[F20C]					114345	24	6.0	
Trucks Diesel 6.0	[W06E]	01.89-	114423	28	55				
Trucks Diesel 7.4	[H07D]	01.89-	114423	28	55				
Trucks Diesel 8.0	[J08C]	01.89-	114423	28	55				
MOTORS									
Various Models	[W04]					113130	24	4.5	
	[W06]					113130	24	4.5	
Hitachi									
AGRICULTURE									
Zaxis 135US	[4BG1TC]					114324	24	4.5	
Zaxis 200 Forester	[6BG1T]	01.99-	113886	28	50				
Zaxis 250 Forester	[6BG1T]	01.99-	113886	28	50				
INDUSTRI									
Various Models			115633	28	40				
ZAX15	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0	
ZX200-3	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0	
ZX230	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0	
ZX240	[Isuzu 4HK1/ I4HK1T]					114659	24	5.0	
Honda									
PASSENGER CARS EU									
Accord 1.6 i	[D16B6]	10.98- 12.02	116343	14	90				
Accord 1.8 i	[F18A3]					AT 02.96-	111442	12	1.4
						02.96-	112214	12	1.6
	[F18B2]	10.98- 12.02	116343	14	90	AT 10.98- 12.02	112217	12	1.0
						10.98- 12.02	112214	12	1.6
Accord 2.0	[F20B3]					09.93- 12.97	112214	12	1.6
	[F20B6]	12.99- 12.02	116343	14	90				
	[K20A6]	AC 02.03-	114272	14	100	02.03-	113821	12	1.6
	[R20A3]	07.08-	115836	14	105	07.08-	114389	12	1.1
Accord 2.0 4WD	[K20A6]	02.03-	114272	14	100				
Accord 2.0 16V	[F20A2]					01.90-	112214	12	1.6
	[F20A6]					01.90-	112214	12	1.6
Accord 2.0 i 16V	[B20A8]	10.87- 12.89	111578	14	60				
	[F20A4]					01.90-	112214	12	1.6
	[F20A7]					01.92- 09.93	112214	12	1.6
	[F20A8]					01.90- 02.93	112214	12	1.6
	[F20Z1]					AT 03.93-	111442	12	1.4
						03.93-	112214	12	1.6
	[F20Z3]					03.93-	112214	12	1.6
Accord 2.0 i	[F20B3]					09.93- 02.98	112214	12	1.6
	[F20B5]	02.98- 06.03	116343	14	90				
	[F20B6]	10.98- 01.01	116343	14	90	10.98-	112217	12	1.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

HONDA Continued

	[F20B7]	02.98- 06.03	116343	14	90				
	[F20Z2]					03.93-	112214	12	1.6
	[R20A4]	07.08-	115836	14	105	07.08-	114389	12	1.1
Accord 2.0 i LS	[F20Z1]					AT 02.96-	111442	12	1.4
Accord 2.0 TD	[20T2N]	02.99- 12.02	116343	14	90				
Accord 2.0 TDi	[20T2N]					04.96- 10.00	113361	12	1.7
Accord 2.2 Type-R	[H22A7]	02.99- 12.02	116343	14	90				
Accord 2.2 i 16V	[F22A3]					01.90-	112214	12	1.6
	[F22A7]					01.91-	112214	12	1.6
	[F22A8]					01.91- 12.93	112214	12	1.6
Accord 2.2 i	[F22B5]					09.93- 02.98	112214	12	1.6
Accord 2.2 i-VTEC	[F22Z2]					AT 02.96-	111442	12	1.4
Accord 2.2 DTDi	[N22A1]	01.04-	114208	14	120	01.04-	115327	12	2.0
Accord 2.2 i-DTEC	[N22B1]	07.08-	115983	14	130	07.08-	115779*	12	1.8
	[N22B2]	07.08-	115983	14	130	07.08-	115779*	12	1.8
Accord 2.3	[F23A1]	01.01- 12.02	116343	14	90				
	[F23Z5]	11.00- 12.02	116343	14	90				
Accord 2.3 i	[H23A3]					AT 03.93-	111442	12	1.4
						03.93-	112214	12	1.6
Accord 2.4	[K24A]	AC 02.03-	114272	14	100	02.03- 01.05	113821	12	1.6
	[K24A3]	02.03-	114272	14	100	02.03-	113821	12	1.6
Accord 2.4 Euro	[K24A3]	06.03-	114272	14	100				
Accord 2.4 VTEC	[K24A8]	04.06- 07.08	114272	14	100				
Accord 3.0 V6 24V	[J30A1]					02.98- 01.02	113392	12	1.6
Civic 1.2	[D12B1]	12.83- 10.87	110927	14	55	01.85- 10.87	111442	12	1.4
	[Z2]	12.83- 10.87	110927	14	55				
Civic 1.3	[D13B1]	10.87- 12.89	111578	14	60				
	[D13B2]	10.87- 09.91	111578	14	60				
	[EV2]	10.83- 10.87	110927	14	55	10.83- 10.87	111442	12	1.4
Civic 1.4	[D14A1]	10.87- 09.91	111578	14	60				
	[D14Z5]	02.01- 09.05	113954	14	70	02.01- 09.05	114816	12	0.8
	[L13A7]	01.06-	114841	14	80	01.06-	115598	12	0.7
Civic 1.4 16V	[D14A2]	01.95- 04.97	112349	14	70				
	[D14A7]					04.98-	112217	12	1.0
	[D14A8]					04.98-	112217	12	1.0
Civic 1.4 i S	[D14Z5]	02.01- 09.05	113954	14	70	02.01- 09.05	114816	12	0.8
						02.01- 09.05	111442	12	1.4
	[D14Z6]	02.01- 09.05	113954	14	70	02.01- 09.05	114816	12	0.8
						02.01- 09.05	111442	12	1.4
Civic 1.4 i	[D14A2]					09.94- 01.97	111442	12	1.4
	[D14A3]	11.95-	112349	14	70	11.95- 02.01	110249	12	0.8
	[D14A4]	11.95- 02.01	112349	14	70	11.95- 02.01	110249	12	0.8
	[D14A5]	09.95- 02.01	112349	14	70	09.95- 02.01	111442	12	1.4
	[D14A6]					09.94- 01.97	111442	12	1.4
	[D14A7]	09.95- 02.01	112349	14	70	09.95- 02.01	111442	12	1.4
	[D14A8]					09.94- 01.97	111442	12	1.4
	[D14Z1]					11.95- 02.01	110249	12	0.8
	[D14Z2]	11.95-	112349	14	70	11.95- 02.01	110249	12	0.8
	[D14Z3]	11.95-	112349	14	70	09.95- 01.97	111442	12	1.4
	[D14Z4]	11.95- 02.01	112349	14	70	11.95- 02.01	110249	12	0.8
						09.94- 01.97	111442	12	1.4
	[D14Z6]	02.01- 09.05	113954	14	70	02.01- 09.05	114816	12	0.8
Civic 1.5	[EW2]	10.83- 10.87	110927	14	55				
Civic 1.5 4WD	[EW2]	01.85- 10.87	110927	14	55				
Civic 1.5 GL	[EW2]	10.83- 10.87	110927	14	55	10.83- 10.87	110249	12	0.8
Civic 1.5 GT	[EW3]	01.85- 10.87	110927	14	55	01.85- 10.87	111442	12	1.4
						01.85- 10.87	110249	12	0.8
Civic 1.5 16V	[D15Z8]	07.97-	113035	14	75	07.97-	112217	12	1.0
Civic 1.5 GTi	[EW4]	03.86- 10.87	110927	14	55	03.86- 10.87	111442	12	1.4
						03.86- 10.87	110249	12	0.8
Civic 1.5 i 16V	[D15B2]	10.87- 01.92	111578	14	60	AT 10.87- 09.91	111442	12	1.4
		10.91- 11.95	111285	14	70				
	[D15Z1]	10.91-	111285	14	70				
	[D15Z2]	10.91- 11.95	111285	14	70				
Civic 1.5 i	[D15B2]	10.88- 09.91	111578	14	60	AT 10.88- 09.91	111442	12	1.4
		10.91-	111285	14	70				
	[D15B7]	01.94-	111285	14	70				
	[D15Z1]	10.91-	111285	14	70				
	[D15Z3]					09.94- 01.97	111442	12	1.4
Civic 1.6	[D16V1]	02.01- 09.05	113954	14	70	02.01- 09.05	115554	12	1.0
	[D16Y6]	01.96- 04.00	112349	14	70	01.96- 04.00	111442	12	1.4
	[D16Z9]	01.94-	111285	14	70	01.94- 01.96	111442	12	1.4
Civic 1.6 16V	[D16A7]	09.87- 09.91	111578	14	60				
	[D16B2]					01.97- 02.01	112217	12	1.0
	[D16W4]					04.98- 02.01	112217	12	1.0
	[D16Z6]	10.91-	111285	14	70	10.91-	111442	12	1.4
Civic 1.6 16V ESi	[D16Z6]	10.91-	111285	14	70	10.91-	111442	12	1.4
Civic 1.6 i 16V	[D16A6]	10.89- 09.91	111578	14	60				
	[D16A7]	06.88- 09.91	111578	14	60				
	[D16Z2]	06.88- 09.91	111578	14	60				
Civic 1.6 i 16V 4WD	[D16A6]	01.88-	111578	14	60	12.89- 06.95	111442	12	1.4
Civic 1.6 i 16V 4WD	[D16A6]	01.88- 09.90	111578	14	60	12.89- 06.95	111442	12	1.4
Civic 1.6 i	[D16V1]	02.01- 12.05	113954	14	70	02.01- 12.05	115554	12	1.0
	[D16Y7]	01.94- 03.00	111285	14	70				
	[D16Z2]	06.88- 09.91	111578	14	60				
Civic 1.6 i GL	[D16A6]	06.88- 09.91	111578	14	60				
Civic 1.6 i LS	[D16Y3]					09.94- 01.97	111442	12	1.4
Civic 1.6 i SR	[D16Y2]					09.94- 01.97	111442	12	1.4
Civic 1.6 i-VTEC	[D16Y6]	10.98- 02.01	111285	14	70				
	[D16Y8]	10.98- 03.00	111285	14	70				
Civic 1.6 i-DTEC	[N16A1]	02.13-	115983	14	130	02.13-	115779*	12	1.8
Civic 1.7	[D17A6]	02.01- 09.05	113954	14	70				
Civic 1.7 i	[D17A5]	05.01- 12.05	113954	14	70				
	[D17A8]	05.01- 12.05	113954	14	70				
	[D17A9]	05.01- 12.05	113954	14	70				
Civic 1.7 CTDi	[4EE-2]	01.02-	112271	14	100				
Civic 1.8	[R18A2]	01.06-	115661	14	90	01.06-	114389	12	1.1



	[R18Z1]	11.10- 02.12-	115661 115983	14 90 14 130		11.10- AT 02.12-	114389 116426*	12 1.1 12 1.3	
	[R18Z4]	02.12-	115983	14 130		AT 02.12-	116426*	12 1.3	
Civic 1.8 16V	[B18C4]					04.98-	112217	12 1.0	
Civic 1.8 i-VTEC	[R18Z4]					AT 01.14-	116426*	12 1.3	
Civic 1.8 VTEC	[R18Z4]					AT 02.12-	116426*	12 1.3	
Civic 2.0 Type R	[K20Z4]	09.06-	114272	14 100					
Civic 2.0 i Sport	[K20A3]					01.04- 09.05	115637	12 1.0	
Civic 2.0 Diesel	[20T2N]					04.98- 02.01	113361	12 1.7	
	[20T2R]					04.98- 02.01	113928	12 1.7	
	[20T2N]					01.97- 02.01	113928	12 1.7	
Civic 2.0 TDiC	[20T2N]	04.98- 02.01	114386	14 90		04.98- 02.01	113361	12 1.7	
	[20T2N]					04.98- 02.01	113928	12 1.7	
Civic 2.2 CTDi	[N22A2]	01.06-	114208	14 120		01.06-	115627	12 2.0	
Civic 2.2 DTEC	[N22B4]	02.12- 02.12-	115983 116148*	14 130 14 150		02.12-	115779*	12 1.8	
Civic CRX 1.6 i 16V Targa	[D16Y8]	03.92-	111285	14 70		03.92-	111442	12 1.4	
	[D16Z6]	03.92- 12.98	111285	14 70		03.92- 12.98	111442	12 1.4	
Concerto 1.5 i 16V	[D15B2]	08.89- 03.95	111578	14 60		AT 08.89- 03.95	111442	12 1.4	
Concerto 1.6 16V	[D16Z1]	08.89- 03.95	111578	14 60					
Concerto 1.6 i 16V	[D16A8]	08.89- 03.95	111578	14 60					
	[D16Z2]	08.89- 03.95	111578	14 60					
CR-V 1.6 i-DTEC	[N16A1]	10.13-	115983	14 130					
CR-V 2.0	[K20A4]	01.02- 09.06	113712	14 90		07.02- 09.06	115637	12 1.0	
	[R20A9]					10.12-	116426*	12 1.3	
CR-V 2.0 AWD	[R20A9]					10.12-	116426*	12 1.3	
CR-V 2.0 16V	[B20B]	10.95- 01.99	115865	14 95		AT 10.95- 01.99	114226	12 1.1	
	[B20Z1]					01.95- 12.01	113629	12 1.2	
	[B20Z1]	01.99- 02.02	115865	14 95		01.99-	113629	12 1.2	
CR-V 2.0 i-VTEC	[R20A2]	01.07-	115836	14 105		01.07-	114389	12 1.1	
CR-V 2.0 Flex						01.07-	116426*	12 1.3	
CR-V 2.2 CTDi	[N22A2]	02.05-	114208	14 120		02.05- 09.06	115627	12 2.0	
						02.05- 09.06	115327	12 2.0	
CR-V 2.2 DTEC 4WD	[N22B4]	10.12- 10.12-	115983 116148*	14 130 14 150					
CR-V 2.2 i CTDi	[N22A2]	01.07- 01.07-	114208 115983	14 120 14 130		01.07-	115627	12 2.0	
CR-V 2.2 i-DTEC	[N22B3]	01.07-	115983	14 130		01.07-	115779*	12 1.8	
CR-V 2.4 i-VTEC 4x4	[K24Z1]	10.06-	114272	14 100					
CR-V 2.4 VTEC	[K24A1]	03.02- 09.06	113712	14 90		03.02- 09.06	115637	12 1.0	
CR-V 2.4 VTEC 4WD	[K24Z1]	09.09-	114272	14 100					
	[K24Z4]	09.09-	114272	14 100					
CRX 1.5 i	[EW3]	10.83- 11.86	110927	14 55		10.83- 11.86	110249	12 0.8	
CRX 1.6 i 16V	[D16A9]	10.87- 02.92	111578	14 60					
	[D16Z5]	10.87- 02.92	111578	14 60					
CRX 1.6 i	[ZC1]	03.86- 10.87	110927	14 55					
Fit 1.3	[L13A1]	03.02- 09.07	114841	14 80		03.02- 09.07	115598	12 0.7	
FR-V 1.7	[D17A2]	02.05-	113954	14 70					
FR-V 1.8	[R18A1]	01.07-	115661	14 90		01.07-	114389	12 1.1	
FR-V 2.0	[K20A9]	02.05-	113712	14 90		02.05-	115637	12 1.0	
FR-V 2.2 i CTDi	[N22A1]	07.05-	114208	14 120		07.05-	115327	12 2.0	
Integra 1.5	[D15A1]	10.85- 08.89	110927	14 55		10.85- 08.89	111442	12 1.4	
						01.86- 01.88	110249	12 0.8	
Integra 1.6	[D16A3]					01.86- 01.88	110249	12 0.8	
						03.86- 08.89	111442	12 1.4	
Jazz 1.2	[L12A1]	03.02- 07.08	114841	14 80		03.02- 07.08	115598	12 0.7	
	[L12B1]					03.02- 12.05	115362	12 0.7	
Jazz 1.4	[L13A1]	03.02-	114841	14 80		07.08-	116256	12 0.8	
	[L13Z1]					03.02- 12.05	115362	12 0.7	
	[L13A1]					07.08-	116256	12 0.8	
Jazz 1.5 Flexfuel	[L15A3]	07.08-	116218*	14 90		07.08-	116256	12 0.8	
Jazz Shuttle 1.5	[L15A]	03.11- 03.14	116218*	14 90		03.11- 03.14	116256	12 0.8	
Legend 2.5 i	[C25A1]	01.86- 12.87	111578	14 60					
	[C25A1]	01.88-	111609	14 70					
	[C25A2]	01.86- 12.87	111578	14 60					
Legend 2.7 i 24V	[C27A1]	01.88- 12.90	111609	14 70					
Logo 1.3 i	[D13B7]	03.99- AT 03.99- 03.02	112349 113035	14 70 14 75	▲	03.99- 03.02	110249	12 0.8	
Mobilio 1.5		12.01- 10.08	114841	14 80					
Prelude 2.0	[B20A3]	A11 04.87- 01.92	111609	14 70					
	[B20A4]	A11 04.87- 01.92	111609	14 70					
Prelude 2.0 i 16V	[F20A4]					02.92-	112214	12 1.6 MS, ND	
Prelude 2.0 i 16V EX	[B20A1]	A11 04.87- 01.92	111609	14 70					
	[B20A5]	A11 04.87- 01.92	111609	14 70					
	[B20A7]	A11 10.87- 12.90	111609	14 70					
	[B20A9]	A11 04.87- 01.92	111609	14 70					
Prelude 2.3 i 16V	[H23A2]					02.92-	112214	12 1.6 MS, ND	
Shuttle 2.3 16V	[F23A7]					01.98- 05.01	113398	12 1.6	
Stream 2.0 16V	[K20A1]	01.01-	113712	14 90		05.01-	115637	12 1.0	
MOTOR BIKES									
ATC250 0.2						01.87- 01.87	111921	12 0.6	
GL1100 1.0 Gold Wing						01.75- 01.83	113538	12 0.6	
GL1800 1.8 Goldwing		01.01- 12.04	114116	14 75					
GXC530							114375	12 0.6	
TRX250 0.2						01.87- 01.87	111921	12 0.6	
TRX250						01.87- 01.87	111921	12 0.6	
						01.97-	111927	12 0.6	
TRX300						01.93- 01.07	111926	12 0.6	
						01.88- 01.00	111921	12 0.6	
TRX400FW 0.4						01.95- 12.02	114715	12 0.6	
TRX450ES 0.4						01.95- 12.02	114715	12 0.6	
TRX450S 0.4						01.95- 12.02	114715	12 0.6	
Various		01.90-	113997	14 40					
VF750							114104	12	
VFR750							114104	12	

STARTERS & ALTERNATORS



HONDA *Continued*

MARINE									
BF135			115803	14	55				
BF150			115803	14	55				
BF75								114855	12 1.2
BF90								114855	12 1.2
Various Models								115525	12 1.2
INDUSTRI									
GX340 Small engine								113671	12
GX390 Small engine								113671	12
Various Models 9.9								113723	12 0.4
Various Models		[GD411, QXE4]						115993	12 1.4
MOTORS									
GX270QAE2								113723	12 0.4
GX340 0.5								113231	12 0.5
GX340DE33								112246	12 0.6
GX390 0.5								113231	12 0.5
Gx610								113594	12 0.6
Gx620								113594	12 0.6
Gx640 0.6								115465	12 0.7
Gx670		[24 HP]						113732	12 1.0
GxV340								115406	12 0.8
GxV390 0.5								115406	12 0.8
GxV390SE33								112246	12 0.6
GxV610								113594	12 0.6
GxV620								113594	12 0.6
Hough									
AGRICULTURE									
Various Models							01.89-	112668	12 2.5
Howo									
MARINE									
WD615								114327	24 5.5
Huerlimann									
AGRICULTURE									
100DT		[1000.4WT]	115689	14	80				
55DT		[1000.3W]	115689	14	80				
70DT		[1000.3WT]	115689	14	80				
75DT		[1000.4W]	115689	14	80				
90DT		[1000.4WT]	115689	14	80				
Various Models							03.79-	110530	12 3.0
Hummer									
PASSENGER CARS EU									
Hummer 6.5 Diesel							GM Diesel 01.94-	113435	24 4.5
Hummer 6.5 TD							GM Diesel 01.94-	113435	24 4.5
Hummer H3 3.5		[L52]		04.05-	113777	14	145		
Hyster									
FORK LIFTS									
150		[6.354]						01.72- 01.77	110491 12 1.4
								01.63- 12.77	110569 12
125 150		[F245]						01.68- 01.84	110491 12 1.4
20 25 30		[4.107]						01.69- 12.76	110506 12
		[4.108]						01.73- 12.76	110506 12
30 40 50		[3.152]						01.71- 12.77	110468 12
		[4.203]						01.71- 12.78	110472 12
								01.71- 12.78	112175 12 3.0
40 60		[4.154]						01.72- 12.78	110506 12
								01.72- 12.78	110573 12 2.0
								01.72- 12.78	112175 12 3.0
60 70 80 100		[4.203]						01.69- 12.76	110472 12
								01.69- 12.76	112175 12 3.0
60 70 80 90		[4.203]						01.69- 12.78	110472 12
								01.69- 12.78	112175 12 3.0
Various Models 4.3		[GM Vortec]						110449	12 3.6 A49
								115985	12 1.6
Various Models			111495	14	40				
			115520	14	105			111041	12 2.8
			113694	14	70			01.70- 01.96	113172 12 2.0
			113691	14	70			111273	12 2.7
								01.80- 01.92	110573 12 2.0
								01.63- 01.84	110569 12
								01.61- 01.69	110506 12
								112175	12 3.0
								111049	12
								01.70- 01.88	112268 12 2.8
								01.79-	110449 12 3.6 A49
								01.72-	110491 12 1.4
								113985	12 2.7
Hyundai									
PASSENGER CARS EU									
Accent 1.3		[G4E-A]		01.00-	111309	14	75		01.00- 110315 12 0.9
				01.00-	113657	14	90		01.00- 113659 12 0.9
		[G4EH]		08.02-	113657	14	90		AT 10.94- 110958 12 0.9
				10.94-	111309	14	75		07.94- 07.99 110479 12 0.9
				10.94-	111405	14	90		A13 07.94- 07.99 110315 12 0.9
								10.94-	110158 12 1.2
								08.02-	113659 12 0.9
Accent 1.3 i 12V		[G4EH]		10.94- 07.99	111309	14	75		10.94- 110315 12 0.9
				10.94-	111375	14	75		AT 07.94- 07.99 110958 12 0.9
				10.94- 07.99	111405	14	90		07.94- 07.99 110479 12 0.9
Accent 1.4		[G4LC]		11.10-	116214	14	90		
Accent 1.4 GL		[G4EE]		11.05-	113657	14	90		11.05- 113659 12 0.9
Accent 1.5		[G4EB]		01.00-	111309	14	75		01.00- 113659 12 0.9
				01.00-	113657	14	90		AT 01.00- 110958 12 0.9
								A13 01.00-	110479 12 0.9
								01.00-	110315 12 0.9



	[G4EC-G]	09.00-	111309	14	75		09.00-	113659	12	0.9		
						A13	09.00-	110479	12	0.9		
						AT	09.00-	110958	12	0.9		
							09.00-	110315	12	0.9		
							01.00-	113638	12	1.4		
	[G4EK]	10.94- 07.99	111309	14	75		AT	10.94- 07.99	110958	12	0.9	
						A13	10.94- 07.99	110315	12	0.9		
							10.94- 07.99	110479	12	0.9		
Accent 1.5 16V	[G4FK]	10.94- 01.00	111405	14	90							
Accent 1.5 i 12V	[G4EK]	10.94-	111309	14	75		AT	07.94- 07.99	110958	12	0.9	
		10.94- 07.99	111405	14	90			10.94-	110315	12	0.9	
								07.94- 07.99	110479	12	0.9	
Accent 1.5 i 16V	[G4ER]	10.95-	111405	14	90			10.95-	110315	12	0.9	
Accent 1.5 CRDi	[D3-EA]	01.02-	114201	14	100			01.02-	113796	12	1.7	
Accent 1.5 CRDi GLS	[D4FA]							11.05-	113797	12	1.7	
Accent 1.6	[G4ED-G]	12.02-	113657	14	90			12.02-	113659	12	0.9	
	[G4FC]	11.10-	115715	14	90			11.10-	114443	12	0.9	
Accent 1.6 GLS	[G4ED]	11.05-	113657	14	90			11.05-	113659	12	0.9	
Atos 1.0	[G4HC-E]	03.01- 07.03	113518	14	60			03.01- 07.03	110958	12	0.9	
		03.01- 07.03	113791	14	70							
Atos 1.0 i	[G4HC]	02.98-	113518	14	60			02.98-	112322	12	0.8	
	[G4HC-E]	03.01-	113518	14	60			03.01-	112322	12	0.8	
		03.01-	113791	14	70							
Atos 1.1	[G4HG]	01.97- 12.08	113791	14	70			01.97- 12.08	112322	12	0.8	
Atos Prime 1.0 i	[G4HC]	02.98-	113518	14	60			02.98-	112322	12	0.8	
	[G4HC-E]	03.01-	113518	14	60			03.01-	112322	12	0.8	
		03.01-	113791	14	70							
Atos Prime 1.1	[G4HD]	06.03-	113791	14	70							
Avante 1.6	[G4FG]	06.11- 12.15	114467	14	90			06.11- 12.15	114443	12	0.9	
Coupe 1.6 16V	[G4ED-G]	03.02-	113657	14	90			03.02-	113659	12	0.9	
		03.02-	114522	14	95							
	[G4GR]	03.98-	111405	14	90			05.96- 05.00	111307	12	1.2	
						AT	06.00- 09.01	110958	12	0.9		
							05.96- 09.01	110315	12	0.9		
Coupe 1.6 i 16V	[G4G1]	12.96-	111405	14	90			12.96-	111307	12	1.2	
Coupe 2.0	[G4GC-G]	08.01-	114522	14	95			03.02-	111307	12	1.2	
		03.02-	113657	14	90							
Coupe 2.0 GLS	[G4GC-G]	02.03-	113657	14	90			02.03-	111307	12	1.2	
		02.03-	114522	14	95							
Coupe 2.0 16V	[G4DF]	03.01- 01.02	111405	14	90							
		04.02-	113657	14	90							
	[G4GF]	08.96-	111405	14	90			08.96-	111307	12	1.2	
Coupe 2.7	[G6BA-G]	01.07-	114522	14	95							
		01.07-	115855	14	120							
Coupe 2.7 V6	[G6BA-G]	03.02-	113652	14	110							
		03.02-	114522	14	95							
		03.02-	115853	14	110							
Elantra 1.5 Diesel	[D4FA]	06.00- 07.06	113328	14	120			06.00- 07.06	113329	12	2.0	
Elantra 1.5							AT	08.91- 01.95	110958	12	0.9	
								01.85- 01.95	110315	12	0.9	
Elantra 1.6	[G4ED-G]	06.00-	111309	14	75			06.00-	113659	12	0.9	
		05.03-	113657	14	90			AT	06.00- 03.01	110958	12	0.9
								06.00- 03.01	110315	12	0.9	
	[G4FG]	06.11-	114467	14	90			06.11-	114443	12	0.9	
	[G4GA]	09.03-	113657	14	90			09.03-	113659	12	0.9	
								02.16-	114443	12	0.9	
Elantra 1.6 CVVT	[G4FC]	06.06-	114467	14	90			06.06-	114892	12	0.9	
Elantra 1.6 CRDi	[D4FB]	11.05- 12.11	114495	14	120			11.05- 12.11	113797	12	1.7	
Elantra 1.8	[G4BB]	06.00-	111309	14	75			06.00-	111307	12	1.2	
	[G4GB]	11.02-	113657	14	90			11.02-	111307	12	1.2	
Elantra 2.0	[G4GC]	09.00-	111309	14	75			06.00-	111307	12	1.2	
		AC 10.03-	113657	14	90							
	[G4GC-G]	06.00-	111309	14	75			06.00-	111307	12	1.2	
Elantra 2.0 CRDi	[D4EA]	04.01-	113328	14	120			04.01-	113329	12	2.0	
Excel 1.3	[G4DG]	01.94-	111309	14	75			01.90- 01.95	110479	12	0.9	
Galopper 2.5 Diesel Intercooler	[D4BH]	08.98-	113519	14	90			08.98-	111912	12	2.2	
								08.98-	111461	12	2.2	
								02.97- 09.02	111476	12	2.0	
								08.98-	111565	12	2.2	
Galopper 2.5 TCI Intercooler	[D4BH]	08.98-	113519	14	90			08.98-	111565	12	2.2	
								08.98-	110809	12	2.0	
								08.98-	111461	12	2.2	
								02.97- 09.02	111476	12	2.0	
Galopper 2.5 TD	[4D56T]							08.91- 07.98	110809	12	2.0	
								08.91- 07.98	111461	12	2.2	
	[D4BA]	08.98-	113519	14	90			08.98-	111565	12	2.2	
								08.98-	110809	12	2.0	
								08.98-	111461	12	2.2	
Galopper 2.5 TD Intercooler	[4D56T]						A13	08.91- 07.98	111565	12	2.2	
							AT	08.91- 07.98	111461	12	2.2	
								08.91- 07.98	111476	12	2.0	
Galopper 3.0 V6	[6G72]							08.91- 07.98	111241	12	1.2	
	[G6AT]						A13	02.97- 08.01	111565	12	2.2	
								02.97- 08.01	111476	12	2.0	
Genesis 2.0 Turbo	[G4KF]							01.08-	115569	12	1.2	
								11.11-	115758	12	1.2	
Genesis Coupe 2.0 Turbo	[G4KF]							04.12-	115569	12	1.2	
								04.12-	115758	12	1.2	
Getz 1.1	[G4HD]	09.02-	113791	14	70	▲		09.02-	112322	12	0.8	
Getz 1.3	[G4E-A]	09.02-	113657	14	90			09.02-	110479	12	0.9	
								09.02-	113659	12	0.9	
Getz 1.4	[G4EE]	08.05-	113657	14	90			08.05-	113659	12	0.9	
Getz 1.5 CRDi	[D3-EA]	03.03-	113863	14	90			03.03-	113796	12	1.7	
		03.03-	114201	14	100							
	[D4FA]	08.05-	113863	14	90			08.05-	113797	12	1.7	
Getz 1.5 CRDi GLS	[D4FA]	08.05-	114201	14	100			08.05-	113796	12	1.7	

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

HYUNDAI Continued

Getz 1.6	[G4ED-G]	09.02-	113657	14	90	09.02- 09.02-	113659 110479	12	0.9 0.9
Grace 2.6 Diesel	[D4BB]	10.99- 12.04	113519	14	90	10.99- 12.04 10.99- 12.04	111912 110809	12	2.2 2.0
Grand Santa Fé 2.2 CRDi	[D4HB]	06.13-	115632	14	150	06.13-	115626	12	2.0
Grand Santa Fé 2.2 CRDi 4X4	[D4HB]	10.15-	115632	14	150	10.15-	115626	12	2.0
Grandeur 2.2 CRDi	[D4EB]	06.06- 06.06-	114509 115409	14	150 120				
Grandeur 2.4 16V	[G4KJ]	01.11-	115603	14	110	01.11-	115758	12	1.2
Grandeur 2.7	[G6BA]					05.06-	115977	12	1.2
Grandeur 3.3	[G6DB]	04.05-	115737	14	130				
H-1 2.4	[G4CS]					10.97-	110811	12	1.2
H-1 2.5 CRDi	[D4CB]	08.02- 02.08-	113792 116215*	14	110 130	08.03-	113937	12	2.2
H-1 2.5 CRDi Starex	[D4CB]	06.06- 12.07 06.06- 12.07	112333 113330	14	110 75	06.06- 12.07	113445	12	2.2
H-1 2.5 CRDi Travel	[D4CB]	05.08-	116215*	14	130				
H-1 2.5 Diesel Starex	[D4BF]	10.97- AC 10.97-	113330 112333	14	75 110	10.97- 10.97-	111461 110809	12	2.2 2.0
H-1 2.5 TD	[D4BF]	03.00- 09.00 03.00- 09.00 03.00- 09.00	112205 112333 113330	14	90 110 75	03.00- 09.00 A13 03.00- 09.00 03.00- 09.00	110809 111461 111912	12	2.0 2.2 2.2
	[D4BH]	09.00-	112205	14	90	03.00- 07.03 A13 09.00- 09.00- 10.01- 03.00- 07.03	111565 111461 110809 111461 111476	12	2.2 2.2 2.0 2.2 2.0
		AC 09.00-	112333	14	110	03.00-	111912	12	2.2
H-1 / Starex 2.5 CRDi	[D4CB]	12.02- 04.04	113792	14	110	12.02- 04.04	113937	12	2.2
H-1 Cargo 2.5 CRDi	[D4CB]	02.08-	116215*	14	130	08.11-	113937	12	2.2
	[D4CB-L]	02.08-	116215*	14	130	02.08-	113797	12	1.7
	[D4CB-W]	08.09-	116215*	14	130	08.09-	113937	12	2.2
H-1 Starex 2.4	[G4JS]					06.01- 12.06	110811	12	1.2
H-100 2.4	[G4CS]					01.97-	110811	12	1.2
H-100 2.5 Diesel	[D4BA]	07.93- 07.93- w/o ABS 07.93- 03.00	111929 113343 113343	14	65 65 65	07.94- 03.00 07.93- 03.00 07.93- 03.00	111461 111912 110809	12	2.2 2.2 2.0
	[D4BX]	07.93- 07.93-	111929 113343	14	65 65	07.93- 07.93- 12.94	111461 111912	12	2.2 2.2
H-100 2.5 TD	[D4BF]	07.93- 03.00 07.93- 03.00	111929 113343	14	65 65	07.93- 03.00 07.93- 03.00	111461 111912	12	2.2 2.2
H-100 P 2.4	[G4CS]					07.93-	110811	12	1.2
H-100 P 2.5 Diesel	[D4BA]	07.93- w/o ABS 07.93- 03.00	111929 113343	14	65 65	07.94- 07.93- 03.00 07.93- 12.94	111461 110809 111912	12	2.2 2.0 2.2
	[D4BX]	07.93-	111929	14	65	07.93- 12.94	111912	12	2.2
						07.93- 12.94	111461	12	2.2
i10 1.0	[G3LA]	A25 01.11-	116196	14	70				
i10 1.1	[G4HG]	01.08-	115654	14	70	01.08-	112322	12	0.8
i10 1.1 CRDi	[D3FA]	01.08-	113863	14	90				
i10 1.2	[G4LA]	11.08- 01.10 01.10- 04.11- 12.13-	115815 115827 115980 116214	14	70 70 70 90	12.13- 11.08-	116260 114821	12	0.9 0.9
i20 1.1 CRDi	[D3FA]	03.12-	114495	14	120	03.12-	115729	12	1.6
i20 1.2	[G4LA]	09.08- 04.10 04.10-	115815 115827	14	70 70	03.12- 09.08- 11.14-	114821 114760 116260	12	0.9 0.8 0.9
i20 1.2	[G4LA]					11.14-	116260	12	0.9
i20 1.4	[G4FA]	09.08- 09.08- 09.08- 09.08-	114467 115715 116192 116226	14	90 90 90 110	A25 09.12- 09.08- 03.12	116026 114443	12	1.4 0.9
	[G4LC]	11.14-	116214	14	90				
i20 1.4 CRDi	[D4FC]	08.09-	114495	14	120	08.09- 08.09-	113797 115729	12	1.7 1.6
i20 1.6	[G4FC]	09.08- 09.08-	114467 115715	14	90 90				
i20 1.6 CRDi	[D4FB]	01.09- 01.09-	113863 114495	14	90 120	01.09-	113797	12	1.7
i20 Active 1.4	[G4LC]	09.15-	116214	14	90				
i20 Coupe 1.2	[G4LA]	05.15-	116214	14	90	05.15-	116260	12	0.9
i30 1.4	[G4FA]	10.07- 10.07- 12.11- 05.13- A25 11.11-	114467 115715 116192 116226 116226	14	90 90 90 110 110	A25 10.12- 10.07- 11.11- A25 01.15- 01.15- 01.15-	116026 114892 114443 116026 114443 114892	12	1.4 0.9 0.9 1.4 0.9 0.9
	[G4LC]	12.14- 01.15- 01.15-	116214 116192 116226	14	90 90 110	A25 01.15- 01.15- 01.15-	116026 114443 114892	12	1.4 0.9 0.9
i30 1.4 CRDi	[D4FC]	06.12-	116191*	14	130	11.11- 12.11- 12.16 11.11-	115729 116258 113797	12	1.6 1.7 1.7
		A25 11.11-	116191*	14	130	11.11-	113797	12	1.7
i30 1.6	[G4FC]	10.07- 10.07- 01.12- A25 01.12-	114467 115715 116192 116226	14	90 90 90 110	01.12- A25 10.12- 10.07-	114443 116026 114892	12	0.9 1.4 0.9
	[G4FG]	06.12- A25 06.12-	116192 116226	14	90 110	06.12- A25 10.12-	114443 116026	12	0.9 1.4
i30 1.6 GDI	[G4FD]	12.11- 05.13- A25 11.11-	116192 116226 116226	14	90 110 110	11.11- A25 10.12-	114443 116026	12	0.9 1.4
	[G4FG]	12.11- A25 11.11-	116192 116226	14	90 110	11.11- A25 10.12-	114443 116026	12	0.9 1.4
i30 1.6 T-GDI	[G4FJ]	01.15-	116403*						
i30 1.6 CDI	[D4FB]					A25 01.17- 01.17-	116283 116271	12	1.8 1.7



i30 1.6 CRDi	[D4FB]	10.07- 11.11	114495	14 120	AT 12.11-	116276	12 1.7
		11.11-	116191*	14 130	A25 11.11-	116283	12 1.8
					A25 10.07-	115729	12 1.6
					10.07-	113797	12 1.7
					12.11-	116258	12 1.7
				11.11-	116271	12 1.7	
	[D4FB-5P]	06.12-	116191*	14 130	A25 06.12-	116283	12 1.8
					AT 06.12-	116276	12 1.7
					06.12-	113797	12 1.7
					06.12-	115729	12 1.6
				06.12-	116258	12 1.7	
			06.12-	116271	12 1.7		
[G4LC]	05.13-	116191*	14 130	A25 05.13-	116283	12 1.8	
				AT 05.13-	116276	12 1.7	
				05.13-	113797	12 1.7	
				05.13-	115729	12 1.6	
				05.13-	116258	12 1.7	
		A25 05.13-	116271	12 1.7			
				A25 08.18-	116283	12 1.8	
				08.18-	116271	12 1.7	
i30 2.0	[G4GC-G]	10.07-	114857	14 90	10.07-	114820	12 1.2
i30 2.0 CRDi	[D4EA]	10.07- 06.12	115409	14 120	10.07- 06.12	114778	12 2.0
i30 CW 1.4	[G4FA]	10.07-	114467	14 90	10.07-	114443	12 0.9
		A25 10.07- 06.12	115692	14 110			
		A25 10.07- 06.12	115715	14 90			
i30 CW 1.6	[G4FC]	02.08-	114467	14 90	02.08- 06.12	114892	12 0.9
		02.08- 06.12	115715	14 90			
i30 CW 1.6 CRDi	[D4FB]	02.08- 06.12	114495	14 120	A25 02.08- 06.12	115729	12 1.6
					02.08- 06.12	113797	12 1.7
i30 CW 2.0	[G4GC-G]	02.08- 06.12	114857	14 90	02.08- 06.12	114820	12 1.2
i40 1.6 GDI	[G4FD]	03.12-	116226	14 110	A25 07.12-	116026	12 1.4
					03.12-	114443	12 0.9
i40 1.7 CRDi	[D4FD]	03.12-	116191*	14 130	A25 03.12-	116283	12 1.8
					A25 03.12-	116255	12 1.9
i40 2.0	[G4NA]				03.12-	116429*	12 1.2
i40 CW 1.6 GDI	[G4FD]	07.11-	116226	14 110	07.11-	114443	12 0.9
i40 CW 1.7 CRDi	[D4FD]	07.11-	116191*	14 130	A25 07.11-	116283	12 1.8
					A25 07.11-	116255	12 1.9
ix20 1.4 CVVT	[D4FA]	11.10-	116192	14 90	A25 06.12-	116026	12 1.4
		A25 11.10-	116226	14 110			
ix20 1.4 CRDi	[D4FC]	A25 11.10-	116191*	14 130	11.10-	115729	12 1.6
	[D4FC-M]				06.11-	113797	12 1.7
		A25 06.11-	116191*	14 130	06.11-	115729	12 1.6
ix20 1.6 CVVT	[G4FC]	11.10-	116192	14 90			
ix20 1.6 CRDi	[D4FB]				06.11-	113797	12 1.7
					06.11-	115729	12 1.6
					06.11-	116271	12 1.7
		A25 06.11-	116191*	14 130	A25 06.11-	116283	12 1.8
ix35 1.6	[G4FD]	11.10-	115692	14 110	A25 10.12-	116026	12 1.4
ix35 1.7 CRDi	[D4FD]				11.10-	115446	12 1.7
		A25 11.10-	116191*	14 130	A25 11.10-	116255	12 1.9
ix35 2.0 4x4	[G4NA]	09.14-	116215*	14 130	09.14-	116429*	12 1.2
ix35 2.0 D-CVVT	[G4KD]	04.10-	115603	14 110	04.10-	115758	12 1.2
ix35 2.0 CRDi	[D4HA]	01.10-	115747*	14 150	01.10-	115626	12 2.0
ix35 2.0 CRDi 4x4	[D4HA]	01.10-	115632	14 150	01.10-	115626	12 2.0
		01.10-	115747*	14 150			
ix35 2.4 4WD	[G4KE]	07.10- 12.13	114827	14 120	07.10- 12.13	115758	12 1.2
ix55 3.8 V6 AWD	[G6DA]	01.11-	115737	14 130			
Kauai 1.6 GDI	[G4FJ]	07.17-	116403*				
Lantra 1.5 12V	[G4EK]	12.96-	111309	14 75	AT 12.96-	110958	12 0.9
		12.96- 09.00	111405	14 90	12.96-	110315	12 0.9
Lantra 1.5 i	[G15B]	10.90- 11.95	110659	14 75	10.90- 11.95	110958	12 0.9
					10.90- 11.95	110158	12 1.2
					10.90- 11.95	110315	12 0.9
		[G4DJ]	10.90- 11.95	110659	14 75	10.90- 11.95	110958
					10.90- 11.95	110158	12 1.2
					10.90- 11.95	110315	12 0.9
Lantra 1.6	[G4GR]	11.95-	111309	14 75	11.95-	111307	12 1.2
		11.95-	111405	14 90			
Lantra 1.6 16V	[4G61]	11.95-	111309	14 75	11.95-	111307	12 1.2
		11.95-	111405	14 90			
Lantra 1.6 i 16V	[G4CR]	10.90- 11.95	110802	14 75	10.90- 11.95	110811	12 1.2
		10.90- 11.95	110804	14 90			
Lantra 1.8 16V	[G4GM]	11.95-	111309	14 75	11.95-	111307	12 1.2
		11.95-	111405	14 90			
Lantra 1.8 i 16V	[G4CN]	10.90- 11.95	110802	14 75	10.90- 11.95	110811	12 1.2
		10.90- 11.95	110804	14 90			
Lantra 1.9 Diesel	[DJY]				03.98- 09.00	111070	12 1.7
					03.98- 09.00	114460	12 1.4
Lantra 2.0 16V	[G4GF]	08.96-	111309	14 75	08.96- 09.00	111307	12 1.2
		08.96-	111405	14 90			
Matrix 1.5 CRDi	[D3-EA]	10.01-	114201	14 100	10.01-	113796	12 1.7
					06.01-	113659	12 0.9
	[D4FA]	12.04-	114495	14 120	12.04-	113797	12 1.7
Matrix 1.5 CRDi VGT	[D4FA]				08.05-	113797	12 1.7
Matrix 1.6	[G4ED-G]	06.01-	113657	14 90	06.01-	113659	12 0.9
Matrix 1.8	[G4GB-G]	06.01-	111309	14 75	06.01-	111307	12 1.2
		06.01-	113657	14 90			
Pony 1.2	[Saturn]				06.74-	110157	12 1.0
					06.74-	110158	12 1.2
Pony 1.3	[G13B]				10.85- 09.89	110158	12 1.2
					10.85- 09.89	110315	12 0.9
					10.89- 01.95	110479	12 0.9
		[G4DG]	10.89- 01.95	110659	14 75	10.89- 01.95	110157
					01.90- 01.95	110315	12 0.9

STARTERS & ALTERNATORS



Application list

HYUNDAI Continued

Pony 1.4	[4G33]					10.78- 09.85	110157	12 1.0		
						08.77-	110158	12 1.2		
						08.77-	110315	12 0.9		
Pony 1.5	[G15B]	01.91- 01.95	110659	14 75		10.85- 01.95	110479	12 0.9		
					AT	10.89- 11.91	110315	12 0.9		
						10.85- 01.95	110157	12 1.0		
					10.85- 09.89	110315	12 0.9			
	[G4DJ]	01.91- 01.95	110659	14 75		AT	11.91- 01.95	110958	12 0.9	
					AT	10.89- 11.91	110315	12 0.9		
						10.85- 09.89	110157	12 1.0		
						10.85- 01.95	110315	12 0.9		
						10.85- 01.95	110479	12 0.9		
Pony 1.5 i	[G15B]	01.91- 01.95	110659	14 75		AT	10.89- 11.91	110315	12 0.9	
						10.89- 01.95	110157	12 1.0		
							01.90- 01.95	110479	12 0.9	
	[G4DJ]	01.91- 01.95	110659	14 75		AT	11.91- 01.95	110958	12 0.9	
						AT	10.89- 11.91	110315	12 0.9	
							10.89- 01.95	110315	12 0.9	
							10.89- 01.95	110479	12 0.9	
Porter 2.4	[G4CS]					01.97-	110811	12 1.2		
Porter 2.5 CRDi	[D4CB]					02.03- 04.04	113937	12 2.2		
Porter 2.5 Diesel	[D4BA]					01.05-	113937	12 2.2		
Santa F, 2.0 CRDi	[D4HA]	05.15-	115747*	14 150		05.15-	115626	12 2.0		
Santa F, 2.4						09.12-	115758	12 1.2		
Santa F, 2.4 CCVT AWD						09.12-	115758	12 1.2		
Santa Fé 2.0	[G4BP]	08.00- 09.02	113517	14 110		AT	08.01-	113638	12 1.4	
		08.01-	113328	14 120			08.01-	113521	12 1.2	
						04.01-	113329	12 2.0		
Santa Fé 2.0 CRDi	[D4EA]	08.01-	113328	14 120			08.01-	113329	12 2.0	
		08.01-	113517	14 110						
		[D4HA]	12.10-	115747*	14 150		12.10-	115626	12 2.0	
Santa Fé 2.0 CRDi 4WD	[D4EA]	04.01-	113328	14 120			04.01-	113329	12 2.0	
		04.01-	113517	14 110						
		[D4HA]	09.12-	115747*	14 150		09.12-	115626	12 2.0	
Santa Fé 2.0 CRDi 4x4	[D4HA]	12.10-	115747*	14 150		12.10-	115626	12 2.0		
Santa Fé 2.2 CRDi	[D4EB]	03.06-	113328	14 120						
	[D4HB]	01.09-	115632	14 150		01.09-	115626	12 2.0		
		01.09-	115747*	14 150						
Santa Fé 2.2 CRDi 4WD	[D4EB]	03.06-	113328	14 120						
	[D4HB]	09.12-	115632	14 150		09.12-	115626	12 2.0		
			10.15-	115747*	14 150					
Santa Fé 2.2 CRDi 4WD GLS	[D4EB]	03.06-	113328	14 120						
Santa Fé 2.2 CRDi 4x4	[D4EB]	03.06-	113328	14 120						
	[D4HB]	01.09-	115632	14 150		01.09-	115626	12 2.0		
			01.09-	115747*	14 150					
Santa Fé 2.2 CRDi GLS	[D4EB]	03.06-	113328	14 120						
Santa Fé 2.4	[G4KE]					11.10-	115758	12 1.2		
	[G4KJ]					09.12-	115758	12 1.2		
Santa Fé 2.4 4x4	[G4KE]					07.10-	115758	12 1.2		
Santa Fé 2.4 16V	[G4JS-G]	02.00- 09.02	113517	14 110		02.00-	113521	12 1.2		
Santa Fé 2.4 16V 4WD	[G4JS-G]	02.00- 09.02	113517	14 110		02.00-	113521	12 1.2		
Santa Fé 2.7	[G6BA]	03.06-	115737	14 130		AT	03.06-	115977	12 1.2	
	[G6EA]	08.04-	115737	14 130			08.04-	115977	12 1.2	
			08.04-	115855	14 120					
Santa Fé 2.7 4x4	[G6BA]	03.06-	115737	14 130		AT	03.06-	115977	12 1.2	
Santa Fé 2.7 V6 4WD	[G6BA-G]	02.01-	113652	14 110						
		02.01-	114522	14 95						
		02.01-	115853	14 110						
		02.01-	115855	14 120						
Santa Fé 2.7 V6 4WD GLS	[G6EA]					AT	03.06-	115977	12 1.2	
Santa Fé 2.7 V6 4x4	[G6EA]	11.00- 03.06	114522	14 95		AT	11.00- 03.06	115977	12 1.2	
Santa Fé 2.7 V6 GLS	[G6EA]	03.06-	115737	14 130		AT	03.06-	115977	12 1.2	
Santamo 2.0 16V	[G4CP]	05.99- 12.00	110802	14 75			05.99-	110811	12 1.2	
		05.99-	110804	14 90			05.99-	110315	12 0.9	
Santamo 2.0 16V 4WD	[G4CP]	05.99- 12.02	110802	14 75			05.99- 12.02	110315	12 0.9	
							05.99- 12.02	110811	12 1.2	
			05.99-	110804	14 90			10.97-	110811	12 1.2
Satellite 2.4 i	[G4CS]									
Satellite 2.5 TD	[4D56TC]	10.97-	112333	14 110						
Scoupe 1.5 i Turbo	[G4EK-TC]	01.90- 04.95	111309	14 75			04.91-	110315	12 0.9	
Scoupe 1.5 i	[G15B]	02.90-	110659	14 75			02.90- 06.92	110315	12 0.9	
							02.90- 06.92	110157	12 1.0	
		[G4DJ]	02.90-	110659	14 75		AT	11.91-	110958	12 0.9
							AT	02.90- 10.91	110315	12 0.9
							PS	02.90-	110315	12 0.9
								02.90-	110479	12 0.9
		[G4EK]	04.92-	111375	14 75		AT	04.92-	110958	12 0.9
							04.92-	110315	12 0.9	
							04.92-	110479	12 0.9	
Solaris 1.6	[G4FC]	11.10-	114467	14 90			11.10-	114443	12 0.9	
		11.10-	115715	14 90						
Sonata 1.8 i	[4G62]						08.88- 05.89	110158	12 1.2	
							05.89- 10.93	110811	12 1.2	
		[G4CM]					05.93- 06.98	110811	12 1.2	
Sonata 2.0	[G4JP-EG]					AT	10.01- 11.04	113638	12 1.4	
							04.01-	113521	12 1.2	
		[G4KD]	01.09-	115603	14 110			01.09-	115758	12 1.2
Sonata 2.0 GLSi	[G4KD]	07.08- 12.10	114827	14 120			07.08- 12.10	115569	12 1.2	
Sonata 2.0 16V	[G4JP-G]	06.98-	112327	14 100		AT	06.98- 10.01	113638	12 1.4	
							06.98- 10.01	113521	12 1.2	
Sonata 2.0 i 16V	[G4CP-D]	01.91- 10.93	110804	14 90			01.91- 10.93	110811	12 1.2	
	[G4CP-DM]	01.95-	110802	14 75			06.96-	110811	12 1.2	
		06.96-	110804	14 90						
Sonata 2.0 i	[G4CP]	06.94- 06.98	110802	14 75			05.89- 06.98	110811	12 1.2	
		06.94- 06.98	110804	14 90			09.88- 05.89	110158	12 1.2	
							01.91- 10.93	110158	12 1.2	
		[G4CP-U]					01.91- 10.93	110811	12 1.2	



Sonata 2.0 VVTi GLS	[G4KD]	01.08-	114827	14	120	01.08-	115758	12	1.2	
						01.08-	115569	12	1.2	
Sonata 2.0 CRDi	[D4EA]	02.06-	115409	14	120	02.06-	113329	12	2.0	
Sonata 2.4	[G4KC]	01.05- 12.09	112327	14	100	01.05- 12.09	115569	12	1.2	
		06.08- 12.09	114827	14	120	01.05- 12.09	115758	12	1.2	
		01.09-	115603	14	110	06.08- 12.09	114827			
	[G4KE]	06.08-	114827	14	120					
Sonata 2.4 16V	[G4BS]					AT 03.98- 10.01	113638	12	1.4	
Sonata 2.5 V6 24V	[G6BV-G]	06.98- 10.01	113652	14	110					
		06.98- 10.01	114522	14	95					
		06.98- 10.01	115853	14	110					
Sonata 2.5 V6	[G6AV]	08.98- 09.01	113652	14	110	AT 08.98- 09.01	113020	12	1.2	
		08.98- 09.01	114522	14	95					
Sonata 2.7 i V6	[G6BA]	10.01- 05.05	114522	14	95	10.01- 05.05	113020	12	1.2	
Sonata 2.7 V6	[G6BA]	11.02- 11.04	115855	14	120	11.02- 11.04	111307	12	1.2	
	[G6BA-G]	10.01- 11.04	114522	14	95					
		10.01- 11.04	115853	14	110					
		10.01- 11.04	115855	14	120					
Sonata 3.0 i V6	[G6AT]		111406	14	110	01.91- 10.93	111241	12	1.2	
Sonata 3.3	[G6DB]	01.05-	115737	14	130					
Starex 2.4	[G4CS]					06.97-	110811	12	1.2	
Starex 2.4 4WD	[G4CS]					02.98-	110811	12	1.2	
Starex 2.5 TD	[D4BF]	06.97-	112205	14	90	06.97-	110809	12	2.0	
		06.97-	112333	14	110	A13 06.97-	111461	12	2.2	
		06.97-	113330	14	75					
Starex 2.5 TD 4WD	[D4BF]	02.98-	112205	14	90	02.98-	110809	12	2.0	
		02.98-	112333	14	110	A13 02.98-	111461	12	2.2	
		02.98-	113330	14	75					
Stellar 1.4	[G333]					10.83- 08.86	110157	12	1.0	
Stellar 1.6	[G32B]					10.83- 12.91	110157	12	1.0	
Stellar 1.8						03.84- 01.92	110157	12	1.0	
Terracan 2.5 TD	[D4BH]					12.01-	111461	12	2.2	
Terracan 2.9 CRDi	[J3]	12.01-	113331	14	110	11.01- 07.03	114732	12	2.2	
Terracan 3.5 i V6 4WD	[G6CU]					12.01-	111241	12	1.2	
Tiburon 2.0 CVT	[G4GC]					10.06-	114820	12	1.2	
Trajet 2.0	[G4GC-G]	01.04-	112327	14	100	03.04-	113521	12	1.2	
		01.04-	113517	14	110	01.04-	113638	12	1.4	
		01.04-	113657	14	90					
	[G4JP-G]	03.00-	112327	14	100	03.00-	113521	12	1.2	
		03.00-	113517	14	110	AT 03.00-	113638	12	1.4	
		03.00- 06.07	113657	14	90					
Trajet 2.0 CRDi	[D4EA]	04.01-	113328	14	120	04.01-	113329	12	2.0	
Trajet 2.7 V6	[G6BA-G]	09.00-	113652	14	110					
		09.00-	115853	14	110					
		09.00-	115855	14	120					
Tucson 1.6	[G4FJ]	06.15-	116403*							
Tucson 1.6 4X4	[G4FJ]	06.15-	116403*							
Tucson 1.6 GDi	[G4FD]	06.15-	116403*			A25 06.15-	116026	12	1.4	
Tucson 1.7 Cdi	[D4FD]					06.15-	116283	12	1.8	
						06.15-	116271	12	1.7	
Tucson 1.7 CRDi	[D4FD]					A25 06.15-	116283	12	1.8	
						06.15-	116271	12	1.7	
Tucson 2.0	[G4GC]	08.04-	113657	14	90	04.04- 07.04	111307	12	1.2	
						AT 08.13- 12.15	116429*	12	1.2	
Tucson 2.0 4WD	[G4GC]	08.04-	113657	14	90	04.04- 07.04	111307	12	1.2	
Tucson 2.0 4x4	[G4GC]	07.05- 11.10	113657	14	90	07.05- 11.10	111307	12	1.2	
Tucson 2.0 GDi	[G4NA]	08.13- 12.15	116215*	14	130	08.13- 12.15	116429*	12	1.2	
Tucson 2.0 GDi 4WD	[G4NA]	08.13- 12.15	116215*	14	130	08.13- 12.15	116429*	12	1.2	
Tucson 2.0 CRDi	[D4EA]	04.04-	113328	14	120	04.04-	113329	12	2.0	
	[D4EA-V]	01.06-	113328	14	120	01.06-	113329	12	2.0	
Tucson 2.0 CRDi 4WD	[D4EA]	04.04-	113328	14	120	04.04-	113329	12	2.0	
	[D4EA-F]	01.06-	113328	14	120	01.06-	113329	12	2.0	
	[D4EA-V]	01.06-	113328	14	120	01.06-	113329	12	2.0	
Tucson 2.0 CRDi 4x4	[D4EA]	01.06-	113328	14	120	01.06-	113329	12	2.0	
Tucson 2.7 4WD	[G6BA-G]	08.04-	113652	14	110	08.04-	113020	12	1.2	
		08.04-	115855	14	120					
Veloster 1.6 GDi	[G4FD]	03.11-	114467	14	90	03.11-	114443	12	0.9	
		03.11-	115715	14	90	A25 07.12-	116026	12	1.4	
	[G4FJ]	10.12-	116226	14	110	10.12-	114443	12	0.9	
Veloster 1.6 MPI	[G4FG]	04.11-	114467	14	90	04.11-	114443	12	0.9	
		04.11-	116226	14	110					
		A25 04.11-	115715	14	90					
XG 2.5 V6	[G6AV]	12.98-	114522	14	95					
		12.98- 12.05	115853	14	110					
TRUCKS EU										
140 3.9	[D4DD]					09.04-	115751	24	5.0	
HD 65 3.9	[D4DD]					09.06-	115751	24	5.0	
HD 72 3.3	[D4AL]					09.06-	115751	24	5.0	
HD 72 3.9	[D4DB]					09.06-	115751	24	5.0	
	[D4DC]					09.06-	115751	24	5.0	
INDUSTRI										
360	[6D22.]						112342	24	5.5	
Various Models								115743	12	1.4
Ikarus										
TRUCKS EU										
200	[MAN-D2866]	08.91-	111842	28	140					
Various Models								110544	28	125
Indmar										
MARINE										
			116163	14	95					
Infiniti										
PASSENGER CARS EU										
I 30 3.0	[V030DE]	01.97-	111381	14	110					
Innocenti										
PASSENGER CARS EU										
Elba 1.5 i.e.	[149C1.000]	03.92- 08.93	111035	14	65					

STARTERS & ALTERNATORS



Application list

International Harv.							
AGRICULTURE							
1455 A 6.6	[DT-402]	01.79- 12.96	112160	28	75		
Irmor							
INDUSTRI							
Various Models						116139	12 3.0 A49
						116312	12 2.7 BO
						04.77-	113464 24 4.0
						01.92-	112555 12 3.1
						07.82-	110512 24 5.4
						08.78- 08.82	110536 12 2.7
Iseki							
AGRICULTURE							
234		01.82- 01.84	111042	14	35		
235		01.85- 01.90	111042	14	35		
244		01.82- 01.84	111042	14	35		
245		01.85- 01.90	111042	14	35		
254		01.82- 01.84	111042	14	35		
255		01.85- 01.90	111042	14	35		
265		01.85- 01.90	111042	14	35		
275		01.85- 01.90	111042	14	35		
530			113921	14	40		
			111048	14	40		
2140			111042	14	35		
4451						110933	12 1.4
SL 3410 3610 3615 3645	[3KC1, 3KR1]					111683	12 2.0
TH185 Compact Tractor	[ISEKI 3112]					01.85- 01.92	111098 12 1.0
TM16 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
TM3215 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
TM3245 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
TQ13 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
TQ15 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
TQ17 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
TXG237 Compact Tractor	[ISEKI 3112]					01.07-	114860 12 1.1
Various Models			114190	14	60	116445*	12 1.4
						110933	12 1.4
ISUZU							
PASSENGER CARS EU							
26 2.0 Diesel						01.81- 01.95	111709 12 2.2
27 2.2 Diesel						01.85- 01.88	111709 12 2.2
						01.85- 01.88	111683 12 2.0
41 2.0 Diesel						01.81- 01.85	110573 12 2.0
						01.81- 01.85	111709 12 2.2
						01.81- 01.85	110412 12 2.2
47 2.2 Diesel						01.85- 01.88	111709 12 2.2
						01.85- 01.88	111683 12 2.0
C190	[4BJ1]					01.85-	111247 24 3.5
Campo 2.2 Diesel	[C223]	04.86- 12.90	110697	14	50	04.86- 12.90	111683 12 2.0
		01.91-	110679	14	60		
Campo 2.2 Diesel 4WD	[C223]	04.86- 12.90	110697	14	50	04.86- 12.90	111683 12 2.0
Campo 2.5 Diesel	[4JA1]	01.83- 12.91	110697	14	50		
Campo 2.5 Diesel 4WD	[4JA1]	01.83- 12.91	110697	14	50	01.83- 12.90	111559 12 2.0
		08.89-	111267	14	50		
D-MAX 2.5 Diesel	[4JK1-TC]	01.07-	115683	14	85		
		01.07-	116105	14	90		
D-Max 2.5 Diesel 4WD	[4JA1-TC]	05.02-	114458	14	60		
D-Max 3.0 Diesel 4WD	[4JH1-TC]	05.02-	114458	14	60		
		05.02-	116107	14	80		
KB 2.5 DiTD 4WD	[4JA1]	07.02- 09.08	116107	14	80		
KB 2.5 D-TEQ	[4JK1-TC]	10.08-	116107	14	80		
KB 3.0 DiTD	[4JH1-TC]	10.02- 09.03	116107	14	80		
KB Series						114335	12 2.5
Midi 2.0	[4ZC1]	06.88-	110679	14	60		
Midi 2.0 4WD	[4ZC1]	09.88-	110679	14	60		
NKR 2.8 Diesel	[4JB1]					01.85- 12.96	111683 12 2.0
Piazza 2.0 Turbo	[4ZC1-T]	06.85- 12.90	110675	14	75		
Rodeo 3.1 TD	[C4JG2]	10.93- 12.97	112228	14	60		
Trooper 2.2 4WD	[C223]	05.84- 07.89	110697	14	50	05.84- 10.88	111683 12 2.0
Trooper 2.2 Diesel	[C223T]					01.83- 12.83	111683 12 2.0
Trooper 2.2 Diesel 4WD	[C223]	11.86- 10.88	110697	14	50	05.84- 10.88	111683 12 2.0
Trooper 2.2 TD	[C223T]	11.86- 10.88	110697	14	50	03.84- 10.88	111683 12 2.0
Trooper 2.3	[4ZD1]	01.86- 10.88	110679	14	60		
Trooper 2.6 i	[4ZE1]	10.87- 01.91	110679	14	60		
Trooper 2.8 TD	[4JB1T]	10.87-	111267	14	50	10.87-	111559 12 2.0
	[4JB1-TC]	10.88-	111267	14	50	10.88-	111559 12 2.0
Trooper 3.0 DTi	[4JX1]	04.00-	112673	14	70		
		01.99-	113698	14	90		
	[4JX1T]	04.00-	112673	14	70		
Trooper 3.1 TD	[4JG2T]	08.91- 07.98	111767	14	80	08.91- 07.98	112083 12 2.8
UBS52 2.2 Diesel						01.84- 01.89	111709 12 2.2
Various Models						06.75-	110412 12 2.2
TRUCKS EU							
150	[4BJ1]					01.82-	111247 24 3.5
250	[4BJ1]					01.82-	111247 24 3.5
FRR33 Series	[6HH1MTC]						114474 24 5.0
N Series			115630	28	50		
NKR 3.3 Diesel	[4BC2]	07.85- 12.96	111493	28	25	02.86- 12.96	110723 24 3.5
NKR 3.6	[4BE1]	06.87-	111493	28	25		
						NKR66	113675 24 4.0
NPR 3.3 Diesel	[4BC2]	10.84- 12.95	111493	28	25	10.84- 12.95	110723 24 3.5
NPR 3.9	[4BD1]	10.84- 12.96	111493	28	25	10.84- 12.96	113428 12 2.5
		01.86- 01.90	113412	14	70		
NPR	[4HF1]	01.98-	114014	28	60		
		01.98-	114782	28	50		
		01.98-	116108	28	50		
	[4HG1]	01.98-	114014	28	60		
		01.98-	116108	28	50		



	[4HJ1]	01.98- 01.98-	114014 116108	28 60 28 50				
Various Models								
						114346	24 5.5	
						114474	24 5.0	
WFR12 2.0 FORK LIFTS	[4CZ1]	12.85-	110679	14 60				
C240	[4BJ1]				01.78-	111247	24 3.5	
Engine	[3AB1]					116445*	12 1.4	
INDUSTRI								
Engine	[4BG1TC]					114324	24 4.5	
Various Models								
	[4JH1]		114802	14 60				
			115994	28 40				
			115814	28 50				
MOTORS								
4JB1								
Engine	[3K-C1]	01.83- 01.96	113347	14 20				
	[3LB1]		115691	14 20				
	[3LD1]		115691	14 20				
	[6BB1]					110580	24 4.5	
	[6BD1T]	01.85-	111051	28 25		112649	24 4.5	
						110580	24 4.5	
						113132	12 2.2	
	[6BF1]					110580	24 4.5	
	[6BG1]					110580	24 4.5	
	[6WG1T]		115315	28 50				
Iveco								
PASSENGER CARS EU								
29 L 10 2.3 Diesel	[F1AE0481A]	09.02- 09.02-	113279 114765	14 110 14 140		09.02- 09.02-	112441 115505	12 2.3 12 2.3 A49
	[F1AE0481FA]	05.06- 06.06	113279	14 110				
		05.06- 06.06	114306	14 180				
		05.06- 06.06	114765	14 140				
		05.06- 06.06	115455	14 150				
		05.06- 06.06	116176	14 110		05.06- 06.06	112441	12 2.3
		05.06- 06.06	116321	14 150		05.06- 06.06	115505	12 2.3 A49
29 L 11 2.8 Diesel	[8140.43B]	05.99-	112407	14 90		05.99- 09.02	115505	12 2.3 A49
						05.99-	112441	12 2.3
	[8140.43C]	05.99-	112407	14 90		05.99- 09.02	115505	12 2.3 A49
						05.99-	112441	12 2.3
29 L 12 2.3 Diesel	[F1AE0481B]	09.02- 09.02-	113279 114765	14 110 14 140		09.02- 09.02-	112441 115505	12 2.3 12 2.3 A49
	[F1AE0481GA]	05.06-	113279	14 110				
		05.06-	114306	14 180				
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110		05.06-	112441	12 2.3
		05.06-	116321	14 150		05.06-	115505	12 2.3 A49
29 L 13 2.8 Diesel	[8140.43S]	05.01- 09.04	112407	14 90		05.01- 09.04	112441	12 2.3
						05.01- 09.04	115505	12 2.3 A49
29 L 14 2.3 Diesel	[F1AE0481HA]	05.06- 05.06- 05.06- 05.06- 05.06-	113279 114306 114765 115455 116176 116321	14 110 14 180 14 140 14 150 14 110 14 150		05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49
	[F1AE0481M]	01.05- 04.06 01.05- 04.06	113279 114765	14 110 14 140		01.05- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49
29 L 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90		11.01- 04.06 11.01- 04.06	115505 112441	12 2.3 A49 12 2.3
	[8140.63]	05.99-	112407	14 90		05.99-	115505	12 2.3 A49
						05.99-	112441	12 2.3
29 L 9 V 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90		11.01- 04.06 11.01- 04.06	115505 112441	12 2.3 A49 12 2.3
29-11 2.8						05.99-	112441	12 2.3
30-10 2.8 Diesel	[8140.23.]	05.96- 05.99	112406	14 90		01.97- 05.99	111996	12 2.2
30-8 2.4 Diesel	[8140.61.200]	01.78- 06.89	110890	14 55		04.78- 06.89 01.78- 12.89	111996 110814	12 2.2 12 2.7
30-8 2.5 Diesel	[8140.07.2700]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		02.91- 04.96 01.89- 08.98	111693 111996	12 2.5 12 2.2
	[8140.07.2712]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		02.89- 04.96 01.89- 08.98	111693 111996	12 2.5 12 2.2
	[8140.67F]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		01.89- 08.98	111996	12 2.2
	[8140.67F.3710]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		01.89- 08.98	111996	12 2.2
	[8140.67F.3711]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		01.89- 08.98	111996	12 2.2
	[8140.67F.3713]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		01.89- 08.98	111996	12 2.2
	[8140.67F.3721]	01.89- 08.98 01.89- 08.98	111418 115873	14 60 14 55 A49		01.89- 08.98	111996	12 2.2
30-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14 90		09.98- 05.99	111996	12 2.2
33 S 11 2.3 Diesel	[F1AE3481A]					03.14- 03.14-	112441 115505	12 2.3 12 2.3 A49
	[F1AE3481B]					03.14-	112441	12 2.3
	[F1AE3481C]					03.14- 03.14-	115505 112441	12 2.3 A49 12 2.3
						03.14-	115505	12 2.3 A49
33 S 11 3.0	[F1CFA401A]	03.14- 03.14-	115458 116177	14 150 14 150		03.14- 03.14-	115505 112441	12 2.3 A49 12 2.3
33 S 11 3.0 Diesel	[F1CE3481D]					03.14- 03.14-	112441 115505	12 2.3 12 2.3 A49
	[F1CE3481K]					03.14-	112441	12 2.3
						03.14-	115505	12 2.3 A49
33 S 11 3.0 Diesel 4x4	[F1CFL411H]					08.15- 08.15-	112441 115505	12 2.3 12 2.3 A49

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

IVECO Continued

33 S 13 2.3	[F1AFL411B]					03.14-	112441	12 2.3	
						03.14-	115505	12 2.3	A49
33S11 35S11 35C11 2.3	[F1AFL411A]					03.14-	112441	12 2.3	
						03.14-	115505	12 2.3	A49
33S11 35S11 35C11 2.3 Diesel	[F1AE3481A]					03.14-	112441	12 2.3	
	[F1AE3481C]					03.14-	112441	12 2.3	
	[F1AFL411B]					03.14-	115505	12 2.3	A49
						03.14-	112441	12 2.3	
						03.14-	115505	12 2.3	A49
33S11 35S11 35C11 3.0 Natural PowerR	[F1CFA401A, F1CFA401B]	03.14-	115458	14 150		03.14-	112441	12 2.3	
		03.14-	116177	14 150		03.14-	115505	12 2.3	A49
33S11 35S11 35C11 3.0 Diesel	[F1CFL411G]					03.14-	112441	12 2.3	
						03.14-	115505	12 2.3	A49
33S14 35S14 2.3						04.16-	115505	12 2.3	
						04.16-	112441	12 2.3	
33S15 35S15 35C15 2.3	[F1AFL411C]					03.14-	112441	12 2.3	
						03.14-	115505	12 2.3	A49
33S16 35S16 2.3						04.16-	115505	12 2.3	
						04.16-	112441	12 2.3	
35 C 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14 110		09.02-	112441	12 2.3	
		09.02-	114765	14 140		09.02-	115505	12 2.3	A49
	[F1AE0481FA]	05.06-	113279	14 110					
		05.06-	114306	14 180					
		05.06-	114765	14 140					
		05.06-	115455	14 150					
		05.06-	116176	14 110		05.06-	112441	12 2.3	
		05.06-	116321	14 150		05.06-	115505	12 2.3	A49
35 C 11 2.3	[F1AE0481FA]	07.09-	113279	14 110					
		07.09-	114306	14 180					
		07.09-	114765	14 140					
		07.09-	115455	14 150					
		07.09-	116176	14 110		07.09-	112441	12 2.3	
		07.09-	116321	14 150		07.09-	115505	12 2.3	A49
35 C 11 2.3 Diesel	[F1AFL411A]					03.14-	112441	12 2.3	
						03.14-	115505	12 2.3	A49
35 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90		05.99- 03.06	115505	12 2.3	A49
						05.99- 09.02	112441	12 2.3	
35 C 12 2.3 Diesel	[F1AE0481B]	09.02-	113279	14 110		09.02-	112441	12 2.3	
		09.02-	114765	14 140		09.02-	115505	12 2.3	A49
	[F1AE0481GA]	05.06-	113279	14 110					
		05.06-	114306	14 180					
		05.06-	114765	14 140					
		05.06-	115455	14 150					
		05.06-	116176	14 110		05.06-	112441	12 2.3	
		05.06-	116321	14 150		05.06-	115505	12 2.3	A49
35 C 13 2.3	[F1AE0481GA]	07.09-	113279	14 110					
		07.09-	114306	14 180					
		07.09-	114765	14 140					
		07.09-	115455	14 150					
		07.09-	116176	14 110		07.09-	115505	12 2.3	A49
		07.09-	116321	14 150		07.09-	112441	12 2.3	
35 C 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49					
		07.09-	114705	14 140					
		07.09-	115458	14 150					
		07.09-	115490	14 140 A49					
		07.09-	116043	14 180		07.09-	112441	12 2.3	
		07.09-	116177	14 150		07.09-	115505	12 2.3	A49
35 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180 A49					
		07.09-	114705	14 140					
		07.09-	115490	14 140 A49					
		07.09-	116043	14 180					
35 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14 140		09.04- 04.06	112441	12 2.3	
		09.04- 04.06	115490	14 140 A49		09.04- 04.06	115505	12 2.3	A49
35 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90		11.01-	115505	12 2.3	A49
						11.01-	112441	12 2.3	
35 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14 140					
		05.06-	115458	14 150					
		05.06-	115490	14 140 A49		05.06-	112441	12 2.3	
		05.06-	116177	14 150		05.06-	115505	12 2.3	A49
35 C 17 3.0	[F1CE0481HA]	07.09-	114705	14 140		07.09-	112441	12 2.3	
		07.09-	115490	14 140 A49		07.09-	115505	12 2.3	A49
35 C 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06	114705	14 140		01.05- 04.06	112441	12 2.3	
		01.05- 04.06	115490	14 140 A49		01.05- 04.06	115505	12 2.3	A49
35 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14 140					
		05.06-	115458	14 150					
		05.06-	115490	14 140 A49		05.06-	112441	12 2.3	
		05.06-	116177	14 150		05.06-	115505	12 2.3	A49
35 C 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90		11.01- 04.06	115505	12 2.3	A49
						11.01- 04.06	112441	12 2.3	
	[8140.63]	05.99- 12.01	112407	14 90		05.99- 12.01	115505	12 2.3	A49
						05.99- 12.01	112441	12 2.3	
35 S 10 2.3 Diesel	[F1AE0481A]	09.02-	113279	14 110		09.02-	112441	12 2.3	
		09.02-	114765	14 140		09.02-	115505	12 2.3	A49
	[F1AE0481FA]	05.06-	113279	14 110					
		05.06-	114306	14 180					
		05.06-	114765	14 140					
		05.06-	115455	14 150					
		05.06-	116176	14 110		05.06-	112441	12 2.3	
		05.06-	116321	14 150		05.06-	115505	12 2.3	A49
35 S 11 2.3	[F1AE0481FA]	07.09-	113279	14 110					
		07.09-	114306	14 180					
		07.09-	114765	14 140					
		07.09-	115455	14 150					
		07.09-	116176	14 110		07.09-	112441	12 2.3	
		07.09-	116321	14 150		07.09-	115505	12 2.3	A49



35 S 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90	05.99- 05.99-	115505 112441	12 2.3 12 2.3	A49
35 S 12 2.3 Diesel	[F1AE0481B]	09.02- 05.06	113279	14 110	09.02- 05.06	112441	12 2.3	
		09.02- 05.06	114765	14 140	09.02- 05.06	115505	12 2.3	
	[F1AE0481GA]	05.06-	113279	14 110				
		05.06-	114306	14 180				
		05.06-	114765	14 140				
		05.06-	115455	14 150				
35 S 13 2.3		05.06-	116176	14 110	05.06-	112441	12 2.3	
		05.06-	116321	14 150	05.06-	115505	12 2.3	A49
	[F1AE0481GA]	07.09-	113279	14 110				
		07.09-	114306	14 180				
		07.09-	114765	14 140				
		07.09-	115455	14 150				
35 S 13 2.8 Diesel		07.09-	116176	14 110	07.09-	112441	12 2.3	
		07.09-	116321	14 150	07.09-	115505	12 2.3	A49
	[8140.43S]	05.99- 05.06	112407	14 90	05.99- 05.06	115505	12 2.3	
					05.99- 05.06	112441	12 2.3	
35 S 14 2.3	[F1AE0481HA]	07.09-	113279	14 110				
		07.09-	114306	14 180				
		07.09-	114765	14 140				
		07.09-	115455	14 150				
		07.09-	116176	14 110	07.09-	112441	12 2.3	
		07.09-	116321	14 150	07.09-	115505	12 2.3	A49
35 S 14 2.3 Diesel		05.06-	113279	14 110				
		05.06-	114306	14 180				
		05.06-	114765	14 140				
		05.06-	115455	14 150	05.06-	112441	12 2.3	
		05.06-	116176	14 110	05.06-	115505	12 2.3	A49
		05.06-	116321	14 150				
35 S 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49				
		07.09-	114705	14 140				
		07.09-	115458	14 150				
		07.09-	115490	14 140 A49				
		07.09-	116043	14 180	07.09-	112441	12 2.3	
		07.09-	116177	14 150	07.09-	115505	12 2.3	A49
35 S 14 3.0	[F1CE3481LC]	07.09-	114705	14 140				
		07.09-	115490	14 140 A49				
35 S 14 3.0 Diesel	[F1CE0481A]	01.04- 05.06	114705	14 140	01.04- 05.06	112441	12 2.3	
		01.04- 05.06	115490	14 140 A49	01.04- 05.06	115505	12 2.3	
35 S 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01- 11.01-	115505 112441	12 2.3 12 2.3	A49
35 S 17 3.0		07.09-	114082	14 180 A49				
		07.09-	114705	14 140	07.09-	115505	12 2.3	A49
		07.09-	115490	14 140 A49	07.09-	112441	12 2.3	
		07.09-	116043	14 180				
35 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06	114705	14 140	01.05- 04.06	115505	12 2.3	A49
		01.05- 04.06	115490	14 140 A49	01.05- 04.06	112441	12 2.3	
35 S 18 3.0 Diesel		05.06-	114705	14 140				
		05.06-	115458	14 150				
		05.06-	115490	14 140 A49	05.06-	112441	12 2.3	
		05.06-	116177	14 150	05.06-	115505	12 2.3	A49
35 S 9 2.8 Diesel	[8140.43R]	11.01- 04.06	112407	14 90	11.01- 04.06	115505	12 2.3	A49
					11.01- 04.06	112441	12 2.3	
	[8140.63]	05.99-	112407	14 90	05.99- 12.01	115505	12 2.3	A49
					05.99-	112441	12 2.3	
35-10 2.4 Diesel		01.85- 12.89	115873	14 55 A49	02.85- 06.89	111996	12 2.2	
		02.85- 06.89	111418	14 60	01.85- 12.89	110814	12 2.7	
		02.85- 06.89	112453	14 85	02.85- 06.89	111693	12 2.5	
35-10 2.5 Diesel	[8140.47R]	01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2	
		07.92- 04.97	111418	14 60	07.92- 04.97	111693	12 2.5	
	[8140.47R.2790]	01.89- 08.98	115873	14 55 A49	01.89- 12.96	111996	12 2.2	
		07.92- 04.97	111418	14 60	01.89- 04.97	111693	12 2.5	
	[8140.97.2781]	01.89- 12.96	115873	14 55 A49	01.89- 12.96	111996	12 2.2	
		07.92- 12.96	111418	14 60	01.89- 12.96	111693	12 2.5	
35-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90	01.96- 05.99	111996	12 2.2	
35-11 2.8					05.99-	112441	12 2.3	
35-12 2.5 Diesel		01.90-	110890	14 55				
		01.90- 05.96	111418	14 60				
		01.90- 04.96	115873	14 55 A49	01.90- 04.96	111996	12 2.2	
		10.90- 04.96	112453	14 85	01.90- 04.96	111693	12 2.5	
35-12 2.8 Diesel	[8140.43]	05.96- 08.98	112406	14 90	05.96- 05.99	111996	12 2.2	
35-13 2.8				05.99-	112441	12 2.3		
35-8 2.4 Diesel	[8140.61.200]	04.78- 06.89	110890	14 55	04.78- 06.89	111996	12 2.2	
					01.78- 12.89	110814	12 2.7	
35-8 2.5 Diesel		01.89- 08.98	111418	14 60	01.89- 08.98	111693	12 2.5	
		01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2	
	[8140.07.2700]	01.89- 08.98	111418	14 60	07.89- 04.96	111693	12 2.5	
		01.89- 08.98	115873	14 55 A49	01.89- 08.98	111996	12 2.2	
	[8140.67F]	01.89- 08.98	111418	14 60				
		01.89- 08.98	115873	14 55 A49	01.91- 08.98	111996	12 2.2	
	[8140.67F.3701]	01.91- 08.98	111418	14 60				
		01.91- 08.98	115873	14 55 A49	01.91- 08.98	111996	12 2.2	
	[8140.67F.3710]	01.91- 08.98	111418	14 60				
		01.91- 08.98	115873	14 55 A49	01.91- 08.98	111996	12 2.2	
	[8140.67F.3711]	01.91- 08.98	111418	14 60				
		01.91- 08.98	115873	14 55 A49	01.91- 08.98	111996	12 2.2	
	[8140.67F.3713]	01.91- 08.98	111418	14 60				
		01.91- 08.98	115873	14 55 A49	01.91- 08.98	111996	12 2.2	
[8140.67F.3721]	01.91- 08.98	111418	14 60					
	01.91- 08.98	115873	14 55 A49	01.91- 08.98	111996	12 2.2		
35-8 2.8 Diesel	[8140.63.]	09.98- 05.99	112406	14 90	09.98- 05.99	111996	12 2.2	
35-9 2.8					05.99-	112441	12 2.3	

STARTERS & ALTERNATORS



Application list

IVECO Continued

35S14 2.3	[F1AE0481HA]	05.06-	113279	14 110	05.06-	115505	12 2.3	A49
		05.06-	114306	14 180				
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110				
05.06-	116321	14 150	05.06-	112441	12 2.3			
35S14G 3.0	[F1CE0441A]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3	A49
		07.09-	114705	14 140				
		07.09-	115458	14 150				
		07.09-	115490	14 140 A49				
		07.09-	116043	14 180				
		07.09-	116177	14 150				
35S17 35C17 40C17 50C17 55S17 65C17 70C17 3.0	[F1CFL411F]				03.14-	112441	12 2.3	
	[F1CFL411H]				03.14-	112441	12 2.3	
					03.14-	115505	12 2.3	A49
					03.14-	115505	12 2.3	A49
35S18W 3.0	[F1CE0481HC]	06.06- 08.11	114082	14 180	06.06- 08.11	112441	12 2.3	
		06.06- 08.11	114705	14 140				
		06.06- 08.11	115458	14 150				
		06.06- 08.11	115490	14 140				
		06.06- 08.11	116043	14 180				
		06.06- 08.11	116177	14 150				
		06.06- 08.11	116200*	14 110				
35S21 35C21 40C21 50C21 65C21 70C21 3.0	[F1CE3481D]				03.14-	112441	12 2.3	
	[F1CFL411G]				03.14-	115505	12 2.3	A49
					03.14-	112441	12 2.3	
					03.14-	115505	12 2.3	A49
40 C 10 2.3 Diesel	[F1AE0481FA]	05.06-	113279	14 110	05.06-	112441	12 2.3	
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110				
		05.06-	116321	14 150				
05.06-	116321	14 150	05.06-	115505	12 2.3	A49		
40 C 11 2.3	[F1AE0481FA]	07.09-	113279	14 110	07.09-	112441	12 2.3	
		07.09-	114306	14 180				
		07.09-	114765	14 140				
		07.09-	115455	14 150				
		07.09-	116176	14 110				
		07.09-	116321	14 150				
40 C 11 2.8 Diesel	[8140.43B]	05.99- 05.06	112407	14 90	05.99- 05.06	115505	12 2.3	
	[8140.43C]	05.99- 05.06	112407	14 90	05.99- 05.06	112441	12 2.3	
					05.99- 05.06	115505	12 2.3	
40 C 12 2.3 Diesel	[F1AE0481GA]	05.06-	113279	14 110	05.06-	112441	12 2.3	
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110				
		05.06-	116321	14 150				
05.06-	116321	14 150	05.06-	115505	12 2.3	A49		
40 C 13 2.3	[F1AE0481GA]	07.09-	113279	14 110	07.09-	112441	12 2.3	
		07.09-	114306	14 180				
		07.09-	114765	14 140				
		07.09-	115455	14 150				
		07.09-	116176	14 110				
		07.09-	116321	14 150				
40 C 14 2.3 Diesel	[F1AE0481GA]	05.06-	113279	14 110	07.09-	112441	12 2.3	
		05.06-	114765	14 140	07.09-	115505	12 2.3	A49
40 C 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3	
		07.09-	114705	14 140				
		07.09-	115458	14 150				
		07.09-	115490	14 140 A49				
		07.09-	116043	14 180				
07.09-	116177	14 150						
40 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06	114705	14 140	09.04- 04.06	112441	12 2.3	
		09.04- 04.06	115490	14 140 A49	09.04- 04.06	115505	12 2.3	A49
40 C 15 2.8 Diesel	[8140.43N]	11.01- 04.06	112407	14 90	11.01- 04.06	115505	12 2.3	A49
					11.01- 04.06	112441	12 2.3	
40 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14 140	05.06-	115505	12 2.3	A49
		05.06-	115458	14 150				
		05.06-	115490	14 140 A49				
		05.06-	116177	14 150				
40 C 17 3.0	[F1CE0481HA]	07.09-	114082	14 180 A49	07.09-	112441	12 2.3	
		07.09-	114705	14 140				
		07.09-	115490	14 140 A49				
		07.09-	116043	14 180				
		07.09-	116043	14 180				
40 C 17 3.0 Diesel	[F1CE0481B]	01.04- 05.06	114705	14 140	01.04- 05.06	112441	12 2.3	
		01.04- 05.06	115490	14 140 A49	01.04- 05.06	115505	12 2.3	A49
40 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14 140	05.06-	112441	12 2.3	
		05.06-	115458	14 150				
		05.06-	115490	14 140 A49				
		05.06-	116177	14 150				
40 S 10 2.3 Diesel	[F1AE0481FA]	05.06-	113279	14 110	05.06-	112441	12 2.3	
		05.06-	114765	14 140				
		05.06-	115455	14 150				
		05.06-	116176	14 110				
		05.06-	116321	14 150				
					05.06-	115505	12 2.3	A49



40 S 11 2.3	[F1AE0481FA]	07.09-	113279	14 110				
		07.09-	114306	14 180				
		07.09-	114765	14 140				
		07.09-	115455	14 150				
		07.09-	116176	14 110		07.09-	112441	12 2.3
		07.09-	116321	14 150		115505	12 2.3 A49	
40 S 13 2.3	[F1AE0481GA]	07.09-	113279	14 110				
		07.09-	114306	14 180				
		07.09-	114765	14 140				
		07.09-	115455	14 150				
		07.09-	116176	14 110		07.09-	112441	12 2.3
		07.09-	116321	14 150		115505	12 2.3 A49	
40 S 14 3.0	[F1CCNG]	07.09-	114082	14 180 A49				
		07.09-	114705	14 140				
		07.09-	115458	14 150				
		07.09-	115490	14 140 A49				
		07.09-	116043	14 180		07.09-	112441	12 2.3
		07.09-	116177	14 150		115505	12 2.3 A49	
40 S 14 3.0	[F1CE3481LC]	07.09-	114082	14 180 A49				
		07.09-	114705	14 140				
		07.09-	114765	14 140				
		07.09-	115490	14 140 A49		07.09-	112441	12 2.3
		07.09-	116043	14 180		07.09-	115505	12 2.3 A49
40 S 17 3.0	[F1CE0481HA]	07.09-	114082	14 180 A49				
		07.09-	114705	14 140				
		07.09-	115490	14 140 A49		07.09-	112441	12 2.3
		07.09-	116043	14 180		07.09-	115505	12 2.3 A49
40 S 17 3.0 Diesel	[F1CE0481B]	01.05- 04.06	114705	14 140		01.05- 04.06	112441	12 2.3
		01.05- 04.06	115490	14 140 A49		01.05- 04.06	115505	12 2.3 A49
40-10 2.4 Diesel	[8140.27S]	01.85- 12.89	110890	14 55				
		01.85- 12.89	111418	14 60		01.85- 12.89	111693	12 2.5
40-10 2.5 Diesel	[8140.27.2720]	01.85- 12.89	115873	14 55 A49		01.85- 12.89	110814	12 2.7
		01.90- 12.96	111418	14 60		01.90- 12.96	111693	12 2.5
40-10 2.8 Diesel	[8140.23]	01.90- 12.96	115873	14 55 A49		02.85- 06.89	110814	12 2.7
		09.96- 05.99	112406	14 90		09.96- 05.99	111996	12 2.2
	[8140.23.]					01.97- 05.99	111996	12 2.2
40-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90		05.96- 05.99	111996	12 2.2
40-8 2.4 Diesel	[8140.61.200]	01.83- 06.89	110882	14 45				
		01.83- 06.89	110890	14 55				
		01.83- 06.89	111418	14 60				
		01.83- 06.89	115873	14 55 A49		01.83- 06.89	111996	12 2.2
40C15 50C15 60C15 3.0						11.16-	115505	12 2.3
						11.16-	112441	12 2.3
40C15 50C15 65C15 3.0 Diesel						03.14-	115505	12 2.3 A49
						03.14-	112441	12 2.3
40C17 50C17 65C17 3.0 Diesel						03.14-	115505	12 2.3 A49
						03.14-	112441	12 2.3
40C18 50C18 60C18 3.0						11.16-	115505	12 2.3
						11.16-	112441	12 2.3
45 C 14 3.0	[F1CE3481LC]					07.09-	112441	12 2.3
						07.09-	115505	12 2.3 A49
45 C 15 3.0 Diesel	[F1CE0481FA]	05.06-	114705	14 140		05.06-	112441	12 2.3
		05.06-	115490	14 140 A49		05.06-	115505	12 2.3 A49
45 C 17 3.0	[F1CE0481HA]					07.09-	112441	12 2.3
						07.09-	115505	12 2.3 A49
45 C 18 3.0 Diesel	[F1CE0481HA]	05.06-	114705	14 140		05.06-	112441	12 2.3
		05.06-	115490	14 140 A49		05.06-	115505	12 2.3 A49
45-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14 55 A49		02.85- 06.89	111996	12 2.2
		02.85-	110890	14 55				
		02.85- 06.89	111418	14 60		01.85- 12.89	110814	12 2.7
		02.85- 06.89	112453	14 85		02.85- 06.89	111693	12 2.5
45-10 2.5 Diesel	[8140.27.2720]	01.89- 04.96	111418	14 60				
		01.89- 04.96	115873	14 55 A49				
		09.89- 04.96	112453	14 85		09.89- 04.96	111693	12 2.5
45-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90		05.96- 05.99	111996	12 2.2
45-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14 60				
		06.90- 04.96	112453	14 85				
		06.90- 04.96	115873	14 55 A49		06.90- 04.96	111693	12 2.5
		06.90- 04.96	111418	14 60				
		06.90- 04.96	112453	14 85				
	[8140.47.2721]	06.90- 04.96	115873	14 55 A49		06.90- 04.96	111693	12 2.5
45-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90		05.96- 05.99	111996	12 2.2
45C/E 50C/E						09.16-	115505	12 2.3
						09.16-	112441	12 2.3
49-10 2.4 Diesel	[8140.21.200]	01.85- 12.89	115873	14 55 A49		02.85- 06.89	111996	12 2.2
		02.85-	110890	14 55				
		02.85- 06.89	111418	14 60		01.85- 12.89	110814	12 2.7
		02.85- 06.89	112453	14 85		02.85- 06.89	111693	12 2.5
49-10 2.5 Diesel	[8140.27.2700]	01.89- 04.96	111418	14 60				
		01.89- 04.96	115873	14 55 A49		01.89- 04.96	111693	12 2.5
		01.89- 04.96	111418	14 60				
	[8140.47R.2790]	01.89- 04.96	112453	14 85				
		01.89- 04.96	115873	14 55 A49		01.89- 04.97	111693	12 2.5
49-10 2.8 Diesel	[8140.23]	05.96- 05.99	112406	14 90		05.96- 05.99	111996	12 2.2
49-11 2.8						05.99-	112441	12 2.3
49-12 2.5 Diesel	[8140.47.2711]	06.90- 04.96	111418	14 60				
		06.90- 04.96	112453	14 85				
		06.90- 04.96	115873	14 55 A49		06.90- 04.96	111693	12 2.5
		06.90- 04.96	111418	14 60				
	[8140.47.2721]	06.90- 04.96	112453	14 85				
		06.90- 04.96	115873	14 55 A49		06.90- 04.96	111693	12 2.5
49-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90		05.96- 05.99	111996	12 2.2
50 C 11 2.8 CNG CNG	[8149.03]	05.02- 05.06	112407	14 90		05.02- 05.06	111996	12 2.2
50 C 11 2.8 CNG Natural Power	[8149.03]	05.99- 04.06	112407	14 90		05.99- 04.06	111996	12 2.2
50 C 11 2.8 Diesel	[8140.43C]	05.99-	112407	14 90		05.99-	115505	12 2.3 A49
						05.99-	112441	12 2.3

STARTERS & ALTERNATORS



Application list

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50 C 13 2.8 Diesel	[8140.43S]	05.99-	112407	14 90	05.99- 05.99-	115505 112441	12 2.3 12 2.3	A49
50 C 14 3.0	[F1CCNG]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 14 140 A49 14 180 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
50 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 14 140 A49 14 180 14 150	07.09- 07.09-	115505 112441	12 2.3 12 2.3	A49
50 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49	
50 C 15 2.8 Diesel	[8140.43N]	05.99- 05.06	112407	14 90	05.99- 05.06 05.99- 05.06	115505 112441	12 2.3 12 2.3	A49
50 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06- 05.06- 05.06-	114705 115458 115490 116177	14 140 14 150 14 140 A49 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49	
50 C 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09- 07.09-	114082 114705 115490 116043	14 180 A49 14 140 14 140 A49 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
50 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49	
50 C 18 3.0 Diesel	[F1CE0481HA]	05.06- 05.06- 05.06- 05.06-	114705 115458 115490 116177	14 140 14 150 14 140 A49 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49	
50-11 2.8					05.99-	112441	12 2.3	
50C H3 Electric 50C H3 Electric					10.15- 10.15-	115505 112441	12 2.3 12 2.3	A49
50C18 65C18 3.0					11.16- 11.16-	115505 112441	12 2.3 12 2.3	
55 S 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 14 140 A49 14 180 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
55C17 3.0		08.07- 03.12 08.07- 03.12	115490 114705	14 140 14 140				
55S18W 3.0	[F1CE0481HC]	06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11 06.06- 08.11	114082 114705 115458 115490 116043 116177 116200*	14 180 14 140 14 150 14 140 14 180 14 150 14 110	06.06- 08.11 06.06- 08.11	112441 115505	12 2.3 12 2.3	
59-12 2.5 Diesel	[8140.47.2700] [8140.47.2711]	05.91- 04.96 05.91- 04.96 05.91- 04.96 05.91- 04.96 05.91- 04.96	111418 112453 115873 111418 112453 115873	14 60 14 85 14 55 A49 14 60 14 85 14 55 A49	05.91- 04.96 05.91- 04.96	111693	12 2.5	
59-12 2.8 Diesel	[8140.43]	05.96- 05.99	112406	14 90	05.96- 05.99	111996	12 2.2	
60 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09-	114082 114705 116043	14 180 A49 14 140 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
60 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49	
60 C 17 3.0	[F1CE0481HA]	07.09- 07.09-	114705 115490	14 140 14 140 A49	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
60 C 18 3.0 Diesel	[F1CE0481HC]	05.06- 05.06-	114705 115490	14 140 14 140 A49	05.06- 05.06-	115505 112441	12 2.3 12 2.3	A49
65 C 14 3.0	[F1CCNG]	07.09- 07.09- 07.09- 07.09- 07.09- 07.09-	114082 114705 115458 115490 116043 116177	14 180 A49 14 140 14 150 14 140 A49 14 180 14 150	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
65 C 14 3.0	[F1CE3481LC]	07.09- 07.09- 07.09- 07.09-	114082 114705 115490 116043	14 180 A49 14 140 14 140 A49 14 180				
65 C 14 3.0 Diesel	[F1CE0481A]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49	
65 C 15 2.8 Diesel	[8140.43N]	11.01-	112407	14 90	11.01- 09.04 11.01-	115505 112441	12 2.3 12 2.3	A49
65 C 15 3.0 Diesel	[F1CE0481FA]	05.06- 05.06- 05.06- 05.06-	114705 115458 115490 116177	14 140 14 150 14 140 A49 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49	
65 C 17 3.0	[F1CE0481HA]	07.09- 07.09- 07.09- 07.09-	114082 114705 115490 116043	14 180 A49 14 140 14 140 A49 14 180	07.09- 07.09-	112441 115505	12 2.3 12 2.3 A49	
65 C 17 3.0 Diesel	[F1CE0481B]	09.04- 04.06 09.04- 04.06	114705 115490	14 140 14 140 A49	09.04- 04.06 09.04- 04.06	112441 115505	12 2.3 12 2.3 A49	
65 C 18 3.0 Diesel	[F1CE0481HC]	05.06- 05.06- 05.06- 05.06-	114705 115458 115490 116177	14 140 14 150 14 140 A49 14 150	05.06- 05.06-	112441 115505	12 2.3 12 2.3 A49	



70 C 14 3.0	[F1CE3481LC]	07.09-	114082	14 180 A49			
		07.09-	114705	14 140			
		07.09-	115458	14 150			
		07.09-	115490	14 140 A49			
		07.09-	116043	14 180	07.09-	112441	12 2.3
		07.09-	116177	14 150	07.09-	115505	12 2.3 A49
70 C 17 3.0	[F1CE0481HA]	07.09-	114082	14 180 A49			
		07.09-	114705	14 140			
		07.09-	115490	14 140 A49	07.09-	112441	12 2.3
		07.09-	116043	14 180	07.09-	115505	12 2.3
Daily 3.0 Diesel 4x4					09.16-	115505	12 2.3
					09.16-	112441	12 2.3
Daily Citys Bus 3.0 50C Natural Power		10.15-	116177	14 150	10.15-	115505	12 2.3 A49
		10.15-	115458	14 150	10.15-	112441	12 2.3
Daily Citys Bus 3.0 Diesel	[F1CFL411E]				06.14-	112441	12 2.3
	[F1CFL411F]				06.14-	115505	12 2.3 A49
					06.14-	112441	12 2.3
					06.14-	115505	12 2.3 A49
Daily Citys Bus 50C H3 Electric					10.15-	115505	12 2.3 A49
					10.15-	112441	12 2.3
Daily II 2.8 4x4	[B140.43.]	02.95- 05.99	111418	14 60			
		02.95- 05.99	112406	14 90			
		02.95- 05.99	115873	14 55 A49	02.95- 05.99	111996	12 2.2
Daily III 2.8 CNG CNG	[B149.03]	05.99-	112407	14 90	05.99-	111996	12 2.2
Daily III 2.8	[B140.23.]	11.97- 07.07	111418	14 60			
		11.97- 07.07	112406	14 90			
		11.97- 07.07	115873	14 55 A49	11.97- 07.07	111996	12 2.2
Daily Line Bus 3.0 CNG CNG	[F1CFA401A]	06.14-	115458	14 150	06.14-	112441	12 2.3
		06.14-	116177	14 150	06.14-	115505	12 2.3 A49
Daily Line Bus 3.0 Diesel	[F1CFL411E]				06.14-	112441	12 2.3
	[F1CFL411F]				06.14-	115505	12 2.3 A49
					06.14-	112441	12 2.3
					06.14-	115505	12 2.3 A49
Daily Tourys Bus 3.0 Diesel	[F1CFL411F]				06.14-	112441	12 2.3
					06.14-	115505	12 2.3 A49
Daily V 2.3	[F1AE3481A]	09.11-	113279	14 110			
		09.11-	114765	14 140			
		09.11-	115455	14 150			
		09.11-	116176	14 110	09.11-	112441	12 2.3
		09.11-	116321	14 150	09.11-	115505	12 2.3 A49
	[F1AE3481B]	09.11-	113279	14 110			
		09.11-	114705	14 140			
		09.11-	114765	14 140			
		09.11-	115455	14 150	09.11-	112441	12 2.3
		09.11-	115458	14 150	09.11-	115505	12 2.3 A49
	[F1AE3481C]	09.11-	115490	14 140 A49			
		09.11-	116176	14 110			
		09.11-	116177	14 150			
		09.11-	116321	14 150			
		09.11-	113279	14 110			
[F1AE3481C]	09.11-	114765	14 140				
	09.11-	115455	14 150				
	09.11-	115458	14 150				
	09.11-	116176	14 110				
	09.11-	116177	14 150	09.11-	112441	12 2.3	
		09.11-	116321	14 150	09.11-	115505	12 2.3 A49
Daily V 2.3 Diesel	[F1AE3481C]	09.11-	113279	14 110			
		09.11-	114306	14 180			
		09.11-	114765	14 140			
		09.11-	115455	14 150 A49			
		09.11-	115458	14 150			
		09.11- 02.14	116176	14 110			
		09.11- 02.14	116177	14 150	09.11-	112441	12 2.3
		09.11- 02.14	116321	14 150	09.11-	115505	12 2.3 A49
Daily V 3.0	[F1CE3481C]	09.11-	114705	14 140			
		09.11-	115458	14 150			
		09.11-	115490	14 140 A49	09.11-	112441	12 2.3
		09.11-	116177	14 150	09.11-	115505	12 2.3 A49
	[F1CE3481C,F1CE3481K]	09.11-	114705	14 140			
		09.11-	115458	14 150			
		09.11-	115490	14 140 A49	09.11-	112441	12 2.3
		09.11-	116177	14 150	09.11-	115505	12 2.3 A49
	[F1CE3481D]	09.11-	115458	14 150	09.11-	112441	12 2.3
		09.11-	116177	14 150	09.11-	115505	12 2.3 A49
	[F1CE3481J]	09.11-	113279	14 110			
		09.11-	114705	14 140			
		09.11-	114765	14 140			
		09.11-	115455	14 150			
		09.11-	115458	14 150			
09.11-		115490	14 140 A49				
09.11-		116176	14 110				
09.11-		116177	14 150	09.11-	112441	12 2.3	
		09.11-	116321	14 150	09.11-	115505	12 2.3 A49
[F1CE3481J,F1CE3481L]	09.11-	113279	14 110				
	09.11-	114705	14 140				
	09.11-	114765	14 140				
	09.11-	115455	14 150				
	09.11-	115458	14 150				
	09.11-	115490	14 140 A49				
	09.11-	116176	14 110				
	09.11-	116177	14 150	09.11-	112441	12 2.3	
		09.11-	116321	14 150	09.11-	115505	12 2.3 A49
[F1CE3481K]	09.11-	114705	14 140				
	09.11-	115458	14 150				
	09.11-	115490	14 140 A49	09.11-	112441	12 2.3	
	09.11-	116177	14 150	09.11-	115505	12 2.3 A49	

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	[F1CE3481L]	09.11-	113279	14 110				
		09.11-	114705	14 140				
		09.11-	114765	14 140				
		09.11-	115455	14 150				
		09.11-	115458	14 150				
		09.11-	115490	14 140 A49				
		09.11-	116176	14 110				
		09.11-	116177	14 150		09.11-	112441	12 2.3
		09.11-	116321	14 150		09.11-	115505	12 2.3 A49
						04.12-	112441	12 2.3
Massif 3.0 HPI	[F1CE0481FA]	10.08-	114705	14 140		10.08-	112441	12 2.3
		10.08-	115490	14 140 A49		10.08-	115505	12 2.3 A49
Massif 3.0 HPI Single Cab	[F1CE0481FA]	10.08-	114705	14 140		10.08-	112441	12 2.3
		10.08-	115490	14 140 A49		10.08-	115505	12 2.3 A49
Massif 3.0 HPT	[F1CE0481HA]	10.08-	114705	14 140		10.08-	112441	12 2.3
		10.08-	115490	14 140 A49		10.08-	115505	12 2.3 A49
Massif 3.0 HPT Single Cab	[F1CE0481HA]	10.08-	114705	14 140		10.08-	112441	12 2.3
		10.08-	115490	14 140 A49		10.08-	115505	12 2.3 A49
Natural Power 35S14 35C14 40C14 50C14 65C14 7 3.0	[F1CFA401B]	03.14-	115458	14 150		03.14-	112441	12 2.3
		03.14-	116177	14 150		03.14-	115505	12 2.3 A49
Natural Power 35S14 35C14 40C14 50C14 65C14 7 3.0 Natural Power		09.11- 02.14	116177	14 150		09.11- 02.14	115505	12 2.3
		09.11- 02.14	116043	14 180		09.11- 02.14	112441	12 2.3
		09.11- 02.14	115458	14 150				
		09.11- 02.14	114082	14 180				
NaturalPower 35S14 35C14 40C14 50C14 65C14 70 3.0 Natural Power		09.11- 02.14	116177	14 150		09.11- 02.14	115505	12 2.3
		09.11- 02.14	116043	14 180		09.11- 02.14	112441	12 2.3
		09.11- 02.14	115458	14 150				
		09.11- 02.14	114082	14 180				
TRUCKS EU								
440 S 42 10.3	(Stralis)[F3A3681B] [F3AE3681B]					07.06-	113984	24 5.0
						07.06-	113984	24 5.0
100 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91-	111419	28 55				
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0
	[8060.45R.5000]	01.91-	111419	28 55				
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.91-	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0
	[8060.45R.5001]	01.91-	111419	28 55				
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.91-	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0
	[8060.45R.5003]	01.91-	111419	28 55				
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.91-	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0
	[8060.45R.5005]	01.91-	111419	28 55				
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.91-	110518	24 4.0
		01.91- 08.00	112097	28 30		01.00-	113277	24 4.0
100 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
	[F4AE0481B]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
100 E 18 3.9	(Tector)[F4AE3481B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
100 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
	[F4AE3681C]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
100 E 18 6.0	(EuroCargo)[8060.25V.4000]	01.91-	111419	28 55				
		01.91- 11.00	111987	28 55		01.91- 11.00	110518	24 4.0
		01.91- 11.00	112097	28 30		01.00-	113277	24 4.0
	[8060.25V.4000TC]	01.91-	111419	28 55				
		01.91- 11.00	111987	28 55		01.91- 11.00	110518	24 4.0
		01.91- 11.00	112097	28 30		01.00-	113277	24 4.0
100 E 19 4.5	(EuroCargo IV)[F4AFE411F]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
100 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
100 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
100 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91-	111419	28 55				
		01.91- 11.00	111987	28 55		01.91- 11.00	110518	24 4.0
		01.91- 11.00	112097	28 30		01.00-	113277	24 4.0
	[8060.45.4100TCA]	01.91-	111419	28 55				
		01.91- 11.00	111987	28 55		01.91- 11.00	110518	24 4.0
		01.91- 11.00	112097	28 30		01.00-	113277	24 4.0



100 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
100 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
109-14 5.5	(Zeta)[8060.04.689]					06.83- 12.85	110521	24 4.0
						06.83- 12.85	113183	24 4.0 A49
						06.83- 12.85	116347*	24 4.0
109-14 5.9	(Zeta)[8060.05.289]					11.85- 03.91	110521	24 4.0
						11.85- 03.91	113183	24 4.0 A49
						11.85- 03.91	116347*	24 4.0
110 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
110 E 22 5.9	(Tector)[F4AE3681B]	05.06-	113188	28 70				
		05.06-	114296	28 90				
		05.06-	115484	28 70 A49		05.06-	114307	24 4.0 A49
		05.06-	115489	28 90 A49				
110 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
110 E 25 5.9	(Tector)[F4AE3681D]	05.06-	113188	28 70				
		05.06-	114296	28 90				
		05.06-	115484	28 70 A49		05.06-	114307	24 4.0 A49
		05.06-	115489	28 90 A49				
110-17 AW 6.1	[BF6L913]	03.86- 02.88	110766	28 27				
		03.86- 12.91	113470	28 35				
120 E 14 5.9	(EuroCargo)[8060.25R.4280]	01.98- 01.03	112097	28 30				
120 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	12.91- 07.00	111987	28 55		12.91- 07.00	110518	24 4.0
		12.91- 07.00	112097	28 30		01.00-	113277	24 4.0
	[8060.25R4200]	09.91-	111419	28 55				
		09.91- 07.00	111987	28 55		12.91- 07.00	110518	24 4.0
		12.91- 07.00	112097	28 30		01.00-	113277	24 4.0
120 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
120 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49		09.00-	112498	24 4.0
120 E 18 6.0	(EuroCargo)[8060.25V.4080]	09.91- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0
		09.91- 07.00	112097	28 30		01.00-	113277	24 4.0
	[8060.25V.4080TC]	01.92- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0
		01.92- 07.00	112097	28 30		01.00-	113277	24 4.0
120 E 19 4.5	(EuroCargo IV)[F4AFE411F]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
120 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
120 E 21 5.9	(Tector)[F4AE0681C]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
	[F4AE0681D]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
	[F4AE3681B]	09.00-	113188	28 70				
		09.00-	114296	28 90				
	09.00-	115484	28 70 A49					
	09.00-	115489	28 90 A49		09.00-	112498	24 4.0	
120 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
120 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
120 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28 55		01.92- 08.00	110518	24 4.0
			112097	28 30		01.00-	113277	24 4.0
	[8060.45S.6800]	01.92- 08.00	112097	28 30		01.92- 08.00	110518	24 4.0
					01.00-	113277	24 4.0	
120 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
120 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
120 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0

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120 E L2 5.9	(EuroCargo IV)[F4GFE601A]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
120 EL 17 3.9	(Tector)[F4AE0481A]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
120 EL 21 5.9	(Tector)[F4AE0681B]	09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
	[F4AE0681C]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
	[F4AE0681D]	09.00-	115489	28 90 A49		09.00-	112498	24 4.0
		09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
120-13 ANW 6.1	[BF6L913T]	03.88- 09.90	113470	28 35				
120-16 ANW 6.1	[BF6L913]	03.88- 11.89	113470	28 35				
120-17 ANW 6.1	[BF6L913/U]	07.89- 09.90	113470	28 35				
130 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	11.91-	111419	28 55				
		11.91- 07.00	111987	28 55		01.94- 07.00	110518	24 4.0
		11.91- 07.00	112097	28 30		01.00-	113277	24 4.0
130 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
130 E 18 5.9	(Tector)[F4AE0681D]	09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
	[F4AE0681E]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49		09.00-	112498	24 4.0
130 E 18 6.0	(EuroCargo)[8060.25V.4080TC]	11.91- 07.00	111987	28 55		01.00-	113277	24 4.0
		01.92-	111419	28 55		01.92- 07.00	110518	24 4.0
		01.92- 07.00	112097	28 30				
130 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
130 E 23 6.0	(EuroCargo)[8060.45.6090]	11.91-	111987	28 55		01.91-	110518	24 4.0
		01.92- 07.00	112097	28 30		01.00-	113277	24 4.0
	[8060.45S.6000TCA]	01.92- 07.00	112097	28 30		01.00-	113277	24 4.0
						01.92-	110518	24 4.0
130 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
130 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70				
		09.06-	114296	28 90		09.06-	112498	24 4.0
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
130 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
130 V 18 3.9	(Vertis)[F4AE3481B]	10.10-	113280	14 90				
130 V 19 3.9	(Vertis)[F4AE3481A]	10.10-	113280	14 90				
130-16 A 6.1	[BF6L913]	03.86- 10.91	113470	28 35				
135 E 18 6.0	(EuroCargo)[8060.25VTC]	01.94- 07.00	111987	28 55				
		01.94- 07.00	112076	28 80		01.93-	113277	24 4.0
135 E 23 6.0	(EuroCargo)[8060.45STCA]					01.00-	113277	24 4.0
140 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
140 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
140 E 19 4.5	(EuroCargo IV)[F4AFE411F]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
140 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15-	113188	28 70		09.15-	114307	24 4.0 A49
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49				
		09.15-	115489	28 90 A49				
140 E 21 5.9	(Tector)[F4AE0681D]	05.05-	113188	28 70				
		05.05-	114296	28 90				
		05.05-	115484	28 70 A49				
		05.05-	115489	28 90 A49		05.05-	112498	24 4.0
140 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
140 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
140 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0



140 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
140 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
140 E 28 5.9	(Tector)[F4AE0681A]	09.06-	113188	28 70				
		09.06-	114296	28 90		09.06-	114307	24 4.0 A49
		09.06-	115484	28 70 A49				
		09.06-	115489	28 90 A49		09.06-	112498	24 4.0
	[F4AE3681E]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
140 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
150 E 15 6.0	(EuroCargo)[8060.25R.4280LTC]	01.92- 12.96	111419	28 55				
		01.92- 12.96	111987	28 55		01.92- 07.00	110518	24 4.0
		01.92- 12.96	112097	28 30		01.00-	113277	24 4.0
150 E 18 3.9	(Tector)[F4AE3481A]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
150 E 18 5.9	(Tector)[F4AE0681E]	09.00-	111419	28 55				
		09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49		09.00-	112498	24 4.0
150 E 18 6.0	(EuroCargo)[8060.25V.4000]	01.92-	111419	28 55				
		01.92- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0
					01.00-	113277	24 4.0	
	[8060.25V.4000TC]	01.92- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0
		01.92- 07.00	112097	28 30		01.00-	113277	24 4.0
	[8060.25V.4080]	09.91- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0
		01.92-	111419	28 55				
					01.00-	113277	24 4.0	
	[8060.25V.4080TC]	01.92- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0
		01.92- 07.00	112097	28 30		01.00-	113277	24 4.0
150 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
150 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
150 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
150 E 23 6.0	(EuroCargo)[8060.45.6090]	09.91-	111987	28 55		01.92- 07.00	110518	24 4.0
		10.91- 07.00	112097	28 30		01.00-	113277	24 4.0
		01.92-	111419	28 55				
		[8060.45S.6800TCA]	01.92- 07.00	112097	28 30		01.00-	113277
				01.92- 07.00	110518	24 4.0		
150 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
150 E 25 5.9	(EuroCargo)[F4AE3681D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
(Tector)[F4AE3681D]	09.06-	113188	28 70					
	09.06-	114296	28 90					
	09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49	
	09.06-	115489	28 90 A49					
150 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
150 E 27 7.7	(EuroCargo)[8360.46.417TCA]	09.91- 07.00	111987	28 55				
		09.91- 07.00	112076	28 80				
150 E 28 5.9	(EuroCargo)[F4AE3681E]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
	(Tector)[F4AE0681A]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49		09.00-	112498	24 4.0
[F4AE3681E]	09.06-	113188	28 70					
	09.06-	114296	28 90					
	09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49	
	09.06-	115489	28 90 A49					
150 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70 A49		09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49				
150 E 30 5.9	(Tector)[F4AE0681A]	09.06-	113188	28 70				
		09.06-	114296	28 90		09.06-	112498	24 4.0
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				

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	[F4AE3681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
150 E 32 6.7	(EuroCargo IV)[F4AFE611D]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24	4.0	A49
150-16 AN 6.1	[BF6L913]	03.88- 12.91	113470	28 35						
160 E 18 3.9	(Tector)[F4AE3481A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
160 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24	4.0	A49
160 E 21 5.9	(Tector)[F4AE0681D]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24	4.0	
	[F4AE3681E]	09.00- 09.00- 09.00-	114296 115484 115489	28 90 28 70 A49 28 90 A49		09.00-	112498	24	4.0	
160 E 22 5.9	(Tector)[F4AE3681B]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
160 E 22 6.7	(EuroCargo IV)[F4AFE611A]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24	4.0	A49
160 E 23 5.9	(EuroCargo)[8060.45.5200]	01.98- 11.04	111987	28 55		01.98- 11.04	113277	24	4.0	
160 E 24 5.9	(Tector)[F4AE0681B]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24	4.0	
160 E 25 5.9	(Tector)[F4AE3681D]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
160 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24	4.0	A49
160 E 28 5.9	(Tector)[F4AE0681A]	09.00- 09.00- 09.00- 09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24	4.0	
	[F4AE3681E]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
160 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24	4.0	A49
160 E 30 5.9	(Tector)[F4AE0681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
	[F4AE3681A]	09.06- 09.06- 09.06- 09.06-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.06-	114307	24	4.0	A49
160 E 32 6.7	(EuroCargo IV)[F4AFE611D]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.15-	114307	24	4.0	A49
160 E L2 5.9	(EuroCargo IV)[F4GFE601A]	09.15- 09.15- 09.15- 09.15-	113188 114296 115484 115489	28 70 28 90 28 70 28 90		09.15-	114307	24	4.0	
160-17 AN 6.1	[BF6L913/U]	07.89- 07.96	113470	28 35						
170 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 07.00	111987	28 55						
		01.94- 07.00	112076	28 80		01.00-	113277	24	4.0	
170 E 22 5.9	(Tector)[F4AE3681B]	01.12- 01.12-	113188 115484	28 70 28 70 A49		01.12-	112498	24	4.0	
170 E 22 tector 5.9	(EuroCargo)[F4AE0681D]	01.05- 12.11 01.05- 12.11	113188 115484	28 70 28 70 A49		01.05- 12.11	112498	24	4.0	
170 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94- 01.94- 01.94-	111987 112076 112097	28 55 28 80 28 30		01.00- 01.94-	113277 110518	24	4.0	
170 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94- 01.94- 01.94-	111987 112076 112302	28 55 28 80 28 120		01.94-	114446	24	5.4	
170 E 28 5.9	(Tector)[F4AE3681E]	01.12- 01.12- 07.15- 07.15-	113188 115484 114296 115489	28 70 28 70 28 90 28 90 A49		01.12-	112498	24	4.0	
170-23 ANW 13.4	[F8L513]	01.91- 07.96	113470	28 35						
175-17 5.9	[8060.25.60.]	09.86- 07.92	111419	28 55		09.86- 07.92	113277	24	4.0	
180 E 18 5.8	(EuroCargo)[8060.25VTC]	01.94- 01.94- 01.94- 01.94-	111419 111987 112076 112097	28 55 28 55 28 80 28 30		01.94- 01.94-	110518 113277	24	4.0	



180 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70	A49			
		09.00- 08.03	115489	28 90	A49	09.00-	112498	24 4.0
180 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91-	111419	28 55				
		04.92- 07.00	111987	28 55		04.92- 07.00	110518	24 4.0
		04.92- 07.00	112097	28 30		01.00-	113277	24 4.0
180 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70	A49	09.06-	114307	24 4.0 A49
		09.06-	115489	28 90	A49			
180 E 23 5.8	(EuroCargo)[8060.45STCA]	01.94-	111419	28 55				
		01.94-	111987	28 55				
		01.94-	112076	28 80				
		01.94-	112097	28 30		01.94-	110518	24 4.0
180 E 24 5.9	(Tector)[F4AE0681B]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70	A49			
		09.00- 08.03	115489	28 90	A49	09.00-	112498	24 4.0
180 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.92- 12.96	112302	28 120				
		07.92- 07.00	111987	28 55				
		07.92- 07.00	112076	28 80				
180 E 24 7.8	(Cursor)[F2BE0681D]	09.99- 11.04	113923	28 90		09.99- 11.04	112822	24 4.5
		09.99- 11.04	115879	28 90	A49	09.99- 11.04	115880	24 4.5 A49
180 E 25 5.9	(Tector)[F4AE3681D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70	A49	09.06-	114307	24 4.0 A49
		09.06-	115489	28 90	A49			
180 E 25 6.7	(EuroCargo IV)[F4AFE611E]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70	A49	09.15-	114307	24 4.0 A49
		09.15-	115489	28 90	A49			
180 E 25 9.5	(EuroTrakker)[8460.41T]	05.99- 11.04	111987	28 55				
		05.99- 11.04	112076	28 80		05.99- 11.04	110582	24 5.4
180 E 27 7.7	(EuroCargo)[8360.46.417TCA]	01.94-	111987	28 55				
		01.94-	112076	28 80				
	(EuroTech)[8360.46.417TCA]	01.94-	112302	28 120		01.94-	114446	24 5.4
		01.92- 12.96	112302	28 120				
180 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70	A49	09.00-	112498	24 4.0
		09.00-	115489	28 90	A49			
[F4AE3681E]		09.00-	113188	28 70				
		09.00-	114296	28 90				
		09.00-	115484	28 70	A49			
		09.00-	115489	28 90	A49	09.00-	112498	24 4.0
180 E 28 6.7	(EuroCargo IV)[F4AFE611C]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70	A49	09.15-	114307	24 4.0 A49
		09.15-	115489	28 90	A49			
180 E 30 3.9	(Tector)[F4AE3481C]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70	A49	09.06-	114307	24 4.0 A49
		09.06-	115489	28 90	A49			
180 E 30 5.9	(Tector)[F4AE0681A]	08.06-	113188	28 70				
		08.06-	114296	28 90		08.06-	112498	24 4.0
		08.06-	115484	28 70	A49	09.06-	114307	24 4.0 A49
		08.06-	115489	28 90	A49			
[F4AE3681A]		08.06-	113188	28 70				
		08.06-	114296	28 90				
		08.06-	115484	28 70	A49	08.06-	114307	24 4.0 A49
		08.06-	115489	28 90	A49			
180 E 30 9.5	(EuroTech)[8460.41C.320]	07.92- 07.00	111987	28 55				
		07.92- 07.00	112076	28 80		07.92- 12.96	110582	24 5.4
180 E 32 6.7	(EuroCargo IV)[F4AFE611D]	09.15-	113188	28 70				
		09.15-	114296	28 90				
		09.15-	115484	28 70	A49	09.15-	114307	24 4.0 A49
		09.15-	115489	28 90	A49			
180 E 34 9.5	(EuroTech)[8460.41K.406]	04.92- 07.00	111987	28 55				
		04.92- 07.00	112076	28 80		04.92- 12.93	110582	24 5.4
180 E 38 9.5	(EuroTech)[8460.41L.5020]	02.92- 12.93	111987	28 55		09.92- 12.93	110582	24 5.4
180 E 42 14.0	(EuroTech)[8210.42L.400]	04.92- 12.93	111987	28 55				
180 T 27 7.8	(Trakker)[F2BE0681F]	06.05-	113923	28 90		06.05-	112822	24 4.5
		06.05-	115879	28 90	A49	06.05-	115880	24 4.5 A49
180-23 AH 13.4	[F8L513]	07.91- 07.00	112747	28 55				
180-23 AHW 13.4	[F8L513]	07.91- 12.91	113470	28 35				
		07.91- 07.00	112747	28 55				
180-25 AH 13.4	[F8L513]	07.91- 12.91	113470	28 35				
		07.91- 07.00	112747	28 55				
180-25 AHW 12.9	[BF8L513]	07.91- 07.00	113470	28 35				
180-25 AHW 13.4	[F8L513]	07.91- 07.00	112747	28 55				
180-34 AH 12.9	[BF8L513]	07.91- 12.91	113470	28 35				
		07.91- 07.00	112747	28 55				
190 E 24 7.7	(EuroTech)[8360.46R.416TCA]	01.97- 08.98	111987	28 55				
		01.97- 08.98	112076	28 80				
		01.97- 08.98	112302	28 120				
190 E 24 7.8	(Cursor)[F2BE0681D]	09.98-	113923	28 90				
		09.98-	115798	28 120		09.98- 11.04	112822	24 4.5
		09.98-	115879	28 90	A49	09.98- 11.04	115880	24 4.5 A49
190 E 25 5.9	(Tector)[F4AE3681D]	05.08-	113188	28 70				
		05.08-	114296	28 90				
		05.08-	115484	28 70	A49	05.08-	114307	24 4.0 A49
		05.08-	115489	28 90	A49			

STARTERS & ALTERNATORS



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190 E 27 7.7	(EuroTech)[8360.46.417TCA]	07.92-07.00	111987	28 55				
		07.92-07.00	112076	28 80				
		01.97-08.98	112302	28 120				
190 E 27 7.8	(Cursor)[F2BE0681C]	08.00-	115798	28 120				
		09.98-	113923	28 90		09.98-	115880	24 4.5 A49
		09.98-	115879	28 90 A49		09.98-	112822	24 4.5
	[F2BE0681F]	08.00-05.04	115798	28 120		09.98-	112822	24 4.5
		09.98-	113923	28 90				
		09.98-	115879	28 90 A49		09.98-	115880	24 4.5 A49
190 E 28 5.9	(Tector)[F4AE3681E]	05.08-	113188	28 70				
		05.08-	114296	28 90				
		05.08-	115484	28 70 A49		05.08-	114307	24 4.0 A49
		05.08-	115489	28 90 A49				
190 E 30 5.9	(Tector)[F4AE3681A]	05.08-	113188	28 70				
		05.08-	114296	28 90				
		05.08-	115484	28 70 A49		05.08-	114307	24 4.0 A49
		05.08-	115489	28 90 A49				
190 E 30 9.5	(EuroTech)[8460.41C.320]	07.92-07.00	111987	28 55				
		07.92-07.00	112076	28 80		01.97-08.98	110582	24 5.4
	(EuroTrakker)[8460.41C]	01.93-11.04	111987	28 55				
		01.93-11.04	112076	28 80		01.93-07.00	110582	24 5.4
	[8460.41C.]	11.99-11.04	111987	28 55				
		11.99-11.04	112076	28 80		11.99-11.04	110582	24 5.4
190 E 31 7.8	(Cursor)[F2BE0681B]	09.98-11.04	113923	28 90				
		09.98-11.04	115879	28 90 A49		09.98-11.04	115880	24 4.5 A49
		09.99-11.04	115798	28 120		09.98-11.04	112822	24 4.5
190 E 34 9.5	(EuroTech)[8460.41K.406]	04.92-07.00	111987	28 55				
		04.92-07.00	112076	28 80		01.93-07.00	110582	24 5.4
	(EuroTrakker)[8460.41K]	01.93-11.04	111987	28 55				
		01.93-11.04	112076	28 80		01.93-07.00	110582	24 5.4
	[8460.41K.TCA]	11.99-11.04	111987	28 55				
	11.99-11.04	112076	28 80		11.99-11.04	110582	24 5.4	
190 E 35 7.8	(Cursor)[F2BE0681A]	09.98-11.04	113923	28 90		09.98-11.04	112822	24 4.5
		09.98-11.04	115879	28 90 A49				
		09.99-11.04	115798	28 120		09.98-11.04	115880	24 4.5 A49
190 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99-11.04	111987	28 55				
		11.99-11.04	112076	28 80		11.99-11.04	110532	24 6.6
190 E 37 14.0	(EuroTrakker)[8210.42K]	04.93-11.00	111987	28 55				
190 E 38 12.9	(Cursor)[F3BE0681G]	08.00-	112427	28 90				
		01.01-11.04	115602	28 90 ▲		01.01-11.04	112823	24 5.5
		01.01-11.04	115799	28 120		08.05-	113984	24 5.0
		01.01-11.04	115871	28 90 A49		01.01-11.04	115872	24 5.5 A49
190 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93-07.00	111987	28 55		01.93-07.00	110582	24 5.4
	(EuroTech)[8460.41LTCA]	01.93-07.00	111987	28 55		01.93-07.00	110582	24 5.4
190 E 39 10.3	(EuroStar)[F3AE0681E]	11.99-02.02	112427	28 90				
		11.99-02.02	115602	28 90 ▲		11.99-02.02	112823	24 5.5
		11.99-02.02	115799	28 120		11.99-02.02	113984	24 5.0
	(EuroTech)[F3AE0681E]	11.99-02.02	115871	28 90 A49		11.99-02.02	115872	24 5.5 A49
		11.99-	112427	28 90				
		11.99-	115602	28 90 ▲		11.99-	115872	24 5.5 A49
	11.99-	115799	28 120		11.99-	112823	24 5.5	
	11.99-	115871	28 90 A49		08.05-	113984	24 5.0	
190 E 40 10.3	(EuroStar)[F3AE0681B]	09.00-02.02	112427	28 90		09.00-02.02	112823	24 5.5
		09.00-02.02	115871	28 90 A49		09.00-02.02	115872	24 5.5 A49
	(EuroTech)[F3AE0681B]					01.01-	112823	24 5.5
					01.01-	115872	24 5.5 A49	
190 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99-11.04	111987	28 55		11.99-11.04	110213	24 6.6
		11.99-11.04	112076	28 80		11.99-11.04	110532	24 6.6
190 E 42 14.0	(EuroStar)[8210.42L.400]	01.95-07.00	111987	28 55				
		01.93-07.00	111987	28 55				
	(EuroTrakker)[8210.42L]	01.95-07.00	111987	28 55				
190 E 43 10.3	(EuroStar)[F3AE0681D]	08.00-08.03	112427	28 90				
		11.99-02.02	115602	28 90 ▲		11.99-02.02	112823	24 5.5
		11.99-02.02	115799	28 120		08.05-	113984	24 5.0
	(EuroTech)[F3AE0681D]	11.99-02.02	115871	28 90 A49		11.99-02.02	115872	24 5.5 A49
		01.01-08.03	112427	28 90				
		01.01-	115602	28 90 ▲		01.01-	112823	24 5.5
	01.01-	115799	28 120		08.05-	113984	24 5.0	
	01.01-	115871	28 90 A49		01.01-	115872	24 5.5 A49	
190 E 44 12.9	(Cursor)[F3BE0681C]	08.00-	112427	28 90				
		09.00-11.04	115602	28 90 ▲		08.05-	113984	24 5.0
		09.00-11.04	115799	28 120		09.00-11.04	112823	24 5.5
		09.00-11.04	115871	28 90 A49		09.00-11.04	115872	24 5.5 A49
190 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93-02.02	111987	28 55				
		01.93-02.02	112076	28 80		01.93-02.02	110532	24 6.6
		01.93-11.00	111987	28 55		04.92-11.00	110532	24 6.6
190 S 27 7.8	(Stralis)[F2BE0681C]	05.05-	113923	28 90				
		05.05-	115798	28 120		05.05-	112822	24 4.5
		05.05-	115879	28 90 A49		05.05-	115880	24 4.5 A49
	[F2BE0681F]	04.04-	113923	28 90				
		04.04-	115798	28 120		04.04-	115880	24 4.5 A49
	04.04-	115879	28 90 A49		04.04-	112822	24 4.5	
190 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28 90				
		04.04-	115798	28 120		04.04-	112822	24 4.5
		04.04-	115879	28 90 A49		04.04-	115880	24 4.5 A49
190 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90				
		06.03-	115798	28 120		06.03-	112822	24 4.5
		06.03-	115879	28 90 A49		06.03-	115880	24 4.5 A49
	[F2BE0681C]	06.03-	113923	28 90				
		06.03-	115798	28 120		06.03-	112822	24 4.5
		06.03-	115879	28 90 A49		06.03-	115880	24 4.5 A49
	[F2BE0681E]	06.03-	113923	28 90				
		06.03-	115798	28 120		06.03-	112822	24 4.5
06.03-		115879	28 90 A49		06.03-	115880	24 4.5 A49	
[F2BE3681C]	04.04-	113923	28 90					
	04.04-	115798	28 120		04.04-	112822	24 4.5	
	04.04-	115879	28 90 A49		04.04-	115880	24 4.5 A49	



190 S 33 7.8	(Stralis)[F2BE3681B]	12.06- 12.06- 12.06-	113923 115798 115879	28 90 28 120 28 90 A49	12.06-	112822	24 4.5
190 S 35 7.8	(Stralis)[F2BE0681A]	06.03- 06.03- 04.04-	113923 115879 115798	28 90 28 90 A49 28 120	12.06- 06.03- 06.03-	115880 115880 112822	24 4.5 A49 24 4.5 A49 24 4.5
190 S 36 7.8	(Stralis)[F2BE3681A]	05.07- 05.07- 05.07-	113923 115798 115879	28 90 28 120 28 90 A49	05.07- 05.07- 05.07-	112822 115880	24 4.5 24 4.5 A49
190 S 40 10.3	(Stralis)[F3AE0681B]	02.02- 02.02-	112427 115871	28 90 28 90 A49	08.05-	113984	24 5.0
	[F3AE0681H]	02.02-	115871	28 90 A49			
190 S 42 10.3	(Stralis)[F3AE3681B]				12.06-	113984	24 5.0
190 S 43 10.3	(Stralis)[F3AE0681D]	02.02- 02.02-	112427 115871	28 90 28 90 A49	08.05-	113984	24 5.0
190 S 45 10.3	(Stralis)[F3A3681A]				12.06-	113984	24 5.0
190 S 48 12.9	(Stralis)[F3BE0681E]	02.02- 02.02-	112427 115871	28 90 28 90 A49	08.05-	113984	24 5.0
190 S 50 12.9	(Stralis)[F3B3681B]				12.06-	113984	24 5.0
190 T 27 7.8	(Trakker)[F2BE0681F]	06.05- 06.05-	113923 115879	28 90 28 90 A49			
190 T 31 7.8	(Trakker)[F2BE0681B]	10.04- 10.04- 10.04-	113923 115798 115879	28 90 28 120 28 90 A49	10.04- 10.04-	115880 112822	24 4.5 A49 24 4.5
190 T 33 7.8	(Trakker)[F2BE3681B]	03.06- 03.06- 03.06-	113923 115798 115879	28 90 28 120 28 90 A49	03.06- 03.06-	115880 112822	24 4.5 A49 24 4.5
190 T 35 7.8	(Trakker)[F2BE0681A]	10.04- 10.04- 10.04-	113923 115798 115879	28 90 28 120 28 90 A49	10.04- 10.04-	112822 115880	24 4.5 24 4.5 A49
	[F2BE3681A]	10.04- 10.04- 10.04-	113923 115798 115879	28 90 28 120 28 90 A49	10.04- 10.04-	112822 115880	24 4.5 24 4.5 A49
190 T 38 12.9	(Trakker)[F3BE0681G]	10.04- 10.04-	112427 115871	28 90 28 90 A49	10.04-	113984	24 5.0
190 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0
190 T 44 12.9	(Trakker)[F3B3681G]				06.05-	113984	24 5.0
	[F3BE0681C]	10.04- 10.04-	112427 115871	28 90 28 90 A49	10.04-	113984	24 5.0
	[F3BE3681C]	10.04-	115871	28 90 A49			
190 T 45 12.9	(Trakker)[F3HFE611/450]	01.13- 01.13-	112427 115871	28 90 28 90	01.13- 01.13- 01.13-	113984 115872 112823	24 5.0 24 5.5 24 5.5
190-26 9.5	(TurboTech)[8460.21.102]				09.86- 09.94	110582	24 5.4
190-30 AHW 12.8	[BF8L513]	09.87- 01.97	110766	28 27			
190-30 H 13.8	[8210.]	09.87- 09.99	112097	28 30			
190-30 N 13.8	[8210.]	09.87- 09.99	112097	28 30			
190-32 9.5	(TurboTech)[8460.41.102]				10.88- 01.98	110582	24 5.4
190-33 13.8	(TurboStar)[8210.22.105]	07.84- 05.87	111419	28 55	07.84- 05.87	110213	24 6.6
	[8210.42.101]	07.87- 06.90	111419	28 55			
		07.87- 06.90	111987	28 55	07.87- 06.90	110213	24 6.6
190-36 13.8	(TurboStar)[8210.42.101]	07.87- 06.90	111419	28 55	07.87- 06.90	110213	24 6.6
	[8210.42.152]	07.90- 12.93	111419	28 55	07.90- 12.93	110213	24 6.6
		07.90- 12.93	111987	28 55			
		07.90- 12.93	112076	28 80			
	[8210.42.154]	07.90- 12.93	112076	28 80	07.90- 12.93	110213	24 6.6
	[8210.42.162]	07.90- 12.93	111419	28 55			
		07.90- 12.93	111987	28 55			
		07.90- 12.93	112076	28 80	07.90- 12.93	110213	24 6.6
	[8210.42.181]	07.90- 11.98	112076	28 80	07.90- 11.98	110213	24 6.6
	[8210.42.182]	07.90- 11.98	112076	28 80	07.90- 11.98	110213	24 6.6
	[8210.42.191]	07.90- 11.98	112076	28 80	07.90- 11.98	110213	24 6.6
	(TurboTech)[8210.42.151]	01.90- 12.92	111419	28 55			
		01.90- 12.92	111987	28 55			
		01.90- 12.92	112076	28 80	01.90- 12.92	110213	24 6.6
	[8210.42.161]	01.90- 12.92	111419	28 55			
		01.90- 12.92	111987	28 55			
		01.90- 12.92	112076	28 80	01.90- 12.92	110213	24 6.6
	[8210.42.171]	01.90- 12.92	111419	28 55			
		01.90- 12.92	111987	28 55			
		01.90- 12.92	112076	28 80	01.90- 12.92	110213	24 6.6
190-42 17.2	(TurboStar)[8280.22.201]	07.84- 09.86	111419	28 55	07.84- 09.86	110532	24 6.6
	[8280.22.205]	07.84- 09.86	111419	28 55	07.84- 09.86	110532	24 6.6
190-48 17.2	(TurboStar)[8280.42.001]	03.89- 12.93	111419	28 55	03.89- 12.93	110532	24 6.6
	[8280.42.050]	11.91- 11.00	111419	28 55			
		11.91- 11.00	112076	28 80	11.91- 11.00	110532	24 6.6
220-36 13.8	(TurboTech)[8210.42.152]	01.90- 12.92	111419	28 55			
	[8210.42.155]	01.90- 12.92	111987	28 55	01.90- 12.92	110213	24 6.6
		01.90- 12.92	111419	28 55			
		01.90- 12.92	111987	28 55	01.90- 12.92	110213	24 6.6
	[8210.42.172]	01.90- 12.92	111419	28 55			
		01.90- 12.92	111987	28 55	01.90- 12.92	110213	24 6.6
230 E 22 tector 5.9	(EuroCargo)[F4AE0681D]	03.06- 12.09	113188	28 70	03.06- 12.09	112498	24 4.0
		03.06- 12.09	115484	28 70 A49			
230 E 24 tector 5.9	(EuroCargo)[F4AE0681B]	03.06- 12.11	113188	28 70			
		03.06- 12.11	115484	28 70 A49	03.06- 12.11	112498	24 4.0
240 E 22 5.9	(Tector)[F4AE3681B]	01.12- 01.12-	113188 115484	28 70 28 70	01.12-	112498	24 4.0
240 E 28 5.9	(Tector)[F4AE3681E]	01.12- 01.12-	113188 115484	28 70 28 70	01.12-	112498	24 4.0
240 E 30 9.5	(EuroTech)[8460.41C.TCA]	01.97- 01.97-	111987 112076	28 55 28 80	01.97-	110582	24 5.4
240 E 34 9.5	(EuroTech)[8460.41K.TCA]	09.95- 12.96 09.95- 12.96	111987 112076	28 55 28 80	09.95- 12.96	110582	24 5.4
240 E 38 9.5	(EuroStar)[8460.41L.5020]	01.93- 02.02	111987	28 55	01.93- 02.02	110582	24 5.4
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28 55	09.92- 11.00	110582	24 5.4

STARTERS & ALTERNATORS



Application list

IVECO Continued

	(EuroTech MP)[8460.41L.5020]	01.92- 01.92-	111987 112076	28 55 28 80					
240 E 42 14.0	(EuroStar)[8210.42L.400]	01.93- 02.02	111987	28 55		01.92-	110582	24 5.4	
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28 55		04.92- 12.00	110532	24 6.6	
	(EuroTech MP)[8210.42L.400]	01.92- 01.92-	111987 112076	28 55 28 80		01.92-	110582	24 5.4	
240 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55					
		01.93- 02.02	112076	28 80		11.95- 12.02	110532	24 6.6	
240 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.93- 02.02	111987	28 55					
		01.93- 02.02	112076	28 80		01.93- 02.02	110532	24 6.6	
240-26 9.5	(TurboTech)[8460.21.102]	07.90- 11.00	112097	28 30					
240-36 13.8	(TurboTech)[8210.42.155]	01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80		01.90- 12.92	110213	24 6.6	
	[8210.42.165]	01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55		01.90- 12.92	110213	24 6.6	
		01.90- 12.92	112076	28 80					
	[8210.42.175]	01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80		01.90- 12.92	110213	24 6.6	
	[8210.42.185]	01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80		01.90- 12.92	110213	24 6.6	
	[8210.42.186]	01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80		01.90- 12.92	110213	24 6.6	
	[8210.42.195]	01.90- 12.92	111419	28 55					
		01.90- 12.92	111987	28 55					
		01.90- 12.92	112076	28 80		01.90- 12.92	110213	24 6.6	
260 E 23 6.0	(EuroCargo)[8060.45S.6000]	12.91- 12.91- 07.00	111419 112097	28 55 28 30		01.00-	113277	24 4.0	
		01.92- 07.00	111987	28 55		01.92- 07.00	110518	24 4.0	
260 E 23 KE 5.9	(EuroCargo)[8060.45STCA]		112076 112097	28 80 28 30					
260 E 24 7.8	(Cursor)[F2BE0681D]	08.00- 11.99-	115798 113923	28 120 28 90		11.99-	112822	24 4.5	
		11.99-	115879	28 90 A49		11.99-	115880	24 4.5 A49	
	(EuroTech MH)[F2BE0681D]	11.99-	113923	28 90		11.99-	112822	24 4.5	
		11.99-	115879	28 90 A49		11.99-	115880	24 4.5 A49	
260 E 27 7.7	(EuroCargo)[8360.46.417]					09.91- 07.00	114446	24 5.4	
	[8360.46.417TCA]					09.91- 07.00	114446	24 5.4	
260 E 27 7.8	(Cursor)[F2BE0681B]	11.99- 11.04	113923	28 90		11.99- 11.04	112822	24 4.5	
		11.99- 11.04	115879	28 90 A49		11.99- 11.04	115880	24 4.5 A49	
	[F2BE0681C]	08.00- 11.99-	115798 113923	28 120 28 90		11.99-	112822	24 4.5	
		11.99-	115879	28 90 A49		11.99-	115880	24 4.5 A49	
	[F2BE0681F]	08.00- 11.99-	115798 113923	28 120 28 90		11.99-	112822	24 4.5	
		11.99-	115879	28 90 A49		11.99-	115880	24 4.5 A49	
	(EuroTech MH)[F2BE0681C]	11.99- 11.99-	113923 115879	28 90 28 90 A49		11.99- 11.99-	112822 115880	24 4.5 24 4.5 A49	
		11.99-	113923	28 90		11.99-	112822	24 4.5	
	[F2BE0681F]	11.99- 11.99-	115879 115879	28 90 28 90 A49		11.99- 11.99-	115880 115880	24 4.5 24 4.5 A49	
260 E 28 5.9	(Tector)[F4AE0681A]	09.00-	113188 114296 115484 115489	28 70 28 90 28 70 A49 28 90 A49		09.00-	112498	24 4.0	
	[F4AE3681E]	01.12- 01.12-	113188 115484	28 70 28 70 A49		01.12-	112498	24 4.0	
260 E 30 9.5	(EuroTrakker)[8460.41C]	07.92- 07.00	111987	28 55					
		07.92- 07.00	112076	28 80		01.93- 11.04	110582	24 5.4	
	[8460.41C.TCA]	11.99- 11.04	111987	28 55					
		11.99- 11.04	112076	28 80		11.99- 11.04	110582	24 5.4	
260 E 31 7.8	(Cursor)[F2BE0681B]	08.00- 09.99- 11.04	115798 113923	28 120 28 90		09.99- 11.04	112822	24 4.5	
		09.99- 11.04	115879	28 90 A49		09.99- 11.04	115880	24 4.5 A49	
	(EuroTech MH)[F2BE0681B]	11.99- 11.99-	113923 115879	28 90 28 90 A49		11.99- 11.99-	112822 115880	24 4.5 24 4.5 A49	
260 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28 55					
		04.92- 07.00	112076	28 80		01.93- 11.04	110582	24 5.4	
	[8460.41K.TCA]	11.99- 11.04	111987	28 55					
		11.99- 11.04	112076	28 80		11.99- 11.04	110582	24 5.4	
260 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	115798	28 120		09.99- 11.04	112822	24 4.5	
		09.99- 11.04	113923	28 90					
		09.99- 11.04	115879	28 90 A49		09.99- 11.04	115880	24 4.5 A49	
	(EuroTech MH)[F2BE0681A]	11.99- 11.99-	113923 115879	28 90 28 90 A49		11.99- 11.99-	112822 115880	24 4.5 24 4.5 A49	
260 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55					
		11.99- 11.04	112076	28 80		11.99- 11.04	110532	24 6.6	
260 E 37 14.0	(EuroTrakker)[8210.42K]	12.94- 12.01	111987	28 55					
		12.94- 12.01	112076	28 80		01.93- 11.04	110532	24 6.6	
260 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 01.01- 11.04	112427 115602	28 90 28 90 ▲		01.01- 11.04	112823	24 5.5	
		01.01- 11.04	115799	28 120		08.05-	113984	24 5.0	
		01.01- 11.04	115871	28 90 A49		01.01- 11.04	115872	24 5.5 A49	
260 E 38 9.5	(EuroStar)[8460.41LTCA]	01.93- 02.02	111987	28 55					
		01.93- 02.02	112076	28 80		01.93- 02.02	110582	24 5.4	
	(EuroTech)[8460.41N]	01.94- 01.94-	111987 112076	28 55 28 80		01.94-	110582	24 5.4	
260 E 39 10.3	(EuroStar)[F3AE0681E]	11.99- 11.99- 02.02	112427 115602	28 90 28 90 ▲		11.99- 02.02	112823	24 5.5	
		11.99- 02.02	115799	28 120		08.05-	113984	24 5.0	
		11.99- 02.02	115871	28 90 A49		11.99- 02.02	115872	24 5.5 A49	
	(EuroTech)[F3AE0681E]	11.99- 11.99-	112427 115602	28 90 28 90 ▲		11.99- 08.05-	112823 113984	24 5.5 24 5.0	
		11.99-	115799	28 120		11.99-	115872	24 5.5 A49	



260 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90		09.00- 02.02	112823	24 5.5
		09.00- 02.02	115871	28 90	A49	09.00- 02.02	115872	24 5.5 A49
	(EuroTech)[F3AE0681B]	01.01-	112427	28 90		01.01-	112823	24 5.5
		01.01-	115871	28 90	A49	01.01-	115872	24 5.5 A49
(EuroTech MP)[F3AE0681B]	01.01-	112427	28 90		01.01-	112823	24 5.5	
	01.01-	115871	28 90	A49	01.01-	115872	24 5.5 A49	
260 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55		11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80		11.99- 11.04	110532	24 6.6
260 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28 55				
	(EuroTech)[8210.42L.400]	01.94- 12.00	111987	28 55				
	(EuroTrakker)[8210.42L]	01.93- 12.00	111987	28 55				
260 E 43 10.3	(EuroStar)[F3AE0681D]	08.00- 02.02	112427	28 90				
		01.93- 02.02	115602	28 90	▲	01.93- 02.02	112823	24 5.5
		01.93- 02.02	115799	28 120		08.05-	113984	24 5.0
	(EuroTech)[F3AE0681D]	01.93- 02.02	115871	28 90	A49	01.93- 02.02	115872	24 5.5 A49
		08.00- 08.03	112427	28 90				
		11.99-	115602	28 90	▲	08.05-	113984	24 5.0
260 E 44 12.9	(Cursor)[F3BE0681C]	11.99-	115799	28 120		11.99-	115872	24 5.5 A49
		11.99-	115871	28 90	A49	11.99-	112823	24 5.5
		01.00- 11.04	115602	28 90	▲	01.00- 11.04	112823	24 5.5
		01.00- 11.04	115799	28 120		08.05-	113984	24 5.0
260 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	01.00- 11.04	115871	28 90	A49	01.00- 11.04	115872	24 5.5 A49
		08.00-	112427	28 90		01.00- 11.04	115872	24 5.5 A49
		11.99- 11.04	111987	28 55				
		11.99- 11.04	112076	28 80		11.99- 11.04	110532	24 6.6
260 E 47 14.0	(EuroStar)[8210.42M.TCA]	01.93- 02.02	111987	28 55				
		01.93- 02.02	112076	28 80		01.93- 02.02	110532	24 6.6
260 E 48 12.9	(EuroStar)[F3BE0681E]	01.93- 02.02	112427	28 90		01.93- 02.02	113984	24 5.0
		01.93- 02.02	115871	28 90	A49	01.93- 02.02	115872	24 5.5 A49
		01.93- 02.02	115871	28 90	A49	01.93- 02.02	112823	24 5.5
260 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.95- 07.00	111987	28 55		01.95- 07.00	110532	24 6.6
	(EuroTech)[8280.3..]	04.92- 07.00	111987	28 55				
260 S 27 7.8	(Stralis)[F2BE0641]	01.08-	113923	28 90				
		01.08-	115879	28 90	A49	01.08-	112822	24 4.5
		01.08-	116019*	28 90		01.08-	115880	24 4.5 A49
260 S 27 7.8	(Stralis)[F2BE0681F]	04.04-	113923	28 90		04.04-	115880	24 4.5
		04.04-	115798	28 120				
		04.04-	115879	28 90	A49	04.04-	112822	24 4.5
260 S 30 7.8	(Stralis)[F2BE0681E]	04.04-	113923	28 90		04.04-	112822	24 4.5
		04.04-	115798	28 120				
		04.04-	115879	28 90	A49	04.04-	115880	24 4.5 A49
260 S 31 7.8	(Stralis)[F2BE0681B]	06.03-	113923	28 90		06.03-	112822	24 4.5
		06.03-	115798	28 120				
		06.03-	115879	28 90	A49	06.03-	115880	24 4.5 A49
	[F2BE3681C]	06.03-	113923	28 90				
		06.03-	115798	28 120				
		06.03-	115879	28 90	A49	06.03-	112822	24 4.5
04.04-	116019*	28 90		06.03-	115880	24 4.5 A49		
260 S 33 7.8	(Stralis)[F2BE3681B]	12.06-	113923	28 90				
		12.06-	115798	28 120				
		12.06-	115879	28 90	A49	12.06-	112822	24 4.5
		12.06-	116019*	28 90		12.06-	115880	24 4.5 A49
		12.06-	116019*	28 90		12.06-	115880	24 4.5 A49
260 S 35 7.8	(Stralis)[F2BE0681A]	06.03-	113923	28 90		06.03-	112822	24 4.5
		06.03-	115798	28 120				
		06.03-	115879	28 90	A49	06.03-	115880	24 4.5 A49
	[F2BE3681A]	06.03-	113923	28 90		06.03-	112822	24 4.5
		06.03-	115798	28 120				
		06.03-	115879	28 90	A49	06.03-	115880	24 4.5 A49
260 S 36 7.8	(Stralis)[F2BE3681A]	07.07-	113923	28 90				
		07.07-	115798	28 120				
		07.07-	115879	28 90	A49	07.07-	112822	24 4.5
		07.07-	116019*	28 90		07.07-	115880	24 4.5 A49
		07.07-	116019*	28 90		07.07-	115880	24 4.5 A49
260 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28 90				
		02.02-	115602	28 90	▲	02.02-	112823	24 5.5
		02.02-	115799	28 120		08.05-	113984	24 5.0
	[F3AE0681H]	02.02-	115871	28 90	A49	02.02-	115872	24 5.5 A49
		02.02-	112427	28 90				
		02.02-	115602	28 90	▲	02.02-	112823	24 5.5
	(Stralis)[F3AE0681B]	02.02-	115799	28 120		08.05-	113984	24 5.0
		02.02-	115871	28 90	A49	02.02-	115872	24 5.5 A49
		02.02-	112427	28 90		02.02-	115872	24 5.5 A49
		02.02-	115871	28 90	A49	08.05-	113984	24 5.0
		02.02-	112427	28 90		02.02-	112823	24 5.5
		02.02-	115871	28 90	A49	02.02-	115872	24 5.5 A49
260 S 42 10.3	(Stralis)[F3A3681B]					12.06-	113984	24 5.0
	[F3AE3681B]	05.07-	112427	28 90		05.07-	113984	24 5.0
	05.07-	115871	28 90	A49	05.07-	115872	24 5.5 A49	
260 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28 90				
		02.02-	115602	28 90	▲			
		02.02-	115871	28 90	A49	08.05-	113984	24 5.0
	(Stralis)[F3AE0681D]	02.02-	112427	28 90		02.02-	115872	24 5.5 A49
		02.02-	115871	28 90	A49	08.05-	113984	24 5.0
		02.02-	115871	28 90	A49	02.02-	112823	24 5.5
260 S 45 10.3	(Stralis)[F3A3681A]					05.07-	113984	24 5.0
	[F3AE3681A]	05.07-	112427	28 90		05.07-	113984	24 5.0
	05.07-	115871	28 90	A49	05.07-	115872	24 5.5 A49	
260 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28 90				
		02.02-	115602	28 90	▲	02.02-	112823	24 5.5
		02.02-	115799	28 120		08.05-	113984	24 5.0
	(Stralis)[F3BE0681E]	02.02-	115871	28 90	A49	02.02-	115872	24 5.5 A49
		02.02-	112427	28 90		02.02-	115872	24 5.5 A49
		02.02-	115871	28 90	A49	08.05-	113984	24 5.0
02.02-	115871	28 90	A49	02.02-	112823	24 5.5		

STARTERS & ALTERNATORS



Application list

IVECO Continued

260 S 50 12.9	(Stralis)[F3B3681B]	07.06-07.06-	112427	28 90	07.06-	115872	24 5.5	A49
			115871	28 90 A49	07.06-07.06-	113984	24 5.0	
	[F3HFE611B]	07.06-07.06-	112427	28 90	07.06-	113984	24 5.0	
			115871	28 90 A49	07.06-07.06-	115872	24 5.5	A49
260 S 54 12.9	(Cursor)[F3BE0681A]	02.02-02.02-	112427	28 90				
		02.02-02.02-	115602	28 90 ▲	02.02-	112823	24 5.5	
		02.02-02.02-	115799	28 120	08.05-	113984	24 5.0	
		02.02-02.02-	115871	28 90 A49	02.02-	115872	24 5.5	A49
	(Stralis)[F3BE0681A]	02.02-02.02-	112427	28 90				
		02.02-02.02-	115871	28 90 A49	08.05-	113984	24 5.0	
260 S 56 12.9	(Stralis)[F3B3681A]	07.06-07.06-	112427	28 90	07.06-	115872	24 5.5	A49
			115871	28 90 A49	07.06-07.06-	113984	24 5.0	
	[F3HFE611A]	07.06-07.06-	112427	28 90	07.06-	113984	24 5.0	
			115871	28 90 A49	07.06-07.06-	115872	24 5.5	A49
					07.06-	112823	24 5.5	
					07.06-	112823	24 5.5	
260 T 31 7.8	(Trakker)[F2BE0681B]	10.04-10.04-	113923	28 90				
		10.04-10.04-	115798	28 120	10.04-	112822	24 4.5	
		10.04-10.04-	115879	28 90 A49	10.04-	115880	24 4.5	A49
260 T 33 7.8	(Trakker)[F2BE3681B]	03.06-03.06-	113923	28 90				
		03.06-03.06-	115798	28 120	03.06-	112822	24 4.5	
		03.06-03.06-	115879	28 90 A49	03.06-	115880	24 4.5	A49
260 T 35 7.8	(Trakker)[F2BE0681A]	10.04-10.04-	113923	28 90				
		10.04-10.04-	115798	28 120	10.04-	112822	24 4.5	
		10.04-10.04-	115879	28 90 A49	10.04-	115880	24 4.5	A49
	[F2BE3681A]	10.04-10.04-	113923	28 90				
		10.04-10.04-	115798	28 120	10.04-	112822	24 4.5	
		10.04-10.04-	115879	28 90 A49	10.04-	115880	24 4.5	A49
					10.04-	112822	24 4.5	
					10.04-	115880	24 4.5	A49
260 T 36 7.8	(Trakker)[F2BE3681A]	10.04-10.04-	113923	28 90				
		10.04-10.04-	115798	28 120	10.04-	112822	24 4.5	
		10.04-10.04-	115879	28 90 A49	10.04-	115880	24 4.5	A49
260 T 38 12.9	(Trakker)[F3BE0681G]	10.04-10.04-	112427	28 90				
		10.04-10.04-	115871	28 90 A49	10.04-	113984	24 5.0	
260 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0	
260 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0	MI
260 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0	
260-23 AH 13.4	[F8L513]	04.89-12.99	113470	28 35				
260-25 AH 13.4	[F8L513]	04.89-12.99	113470	28 35				
260-30 AH 12.8	[BF8L513]	06.88-05.90	113470	28 35				
260-30 H 13.8	[8210..]	06.84-10.91	112097	28 30				
260-34 AH 12.8	[BF8L513]	04.89-12.99	113470	28 35				
260-34 AHW 12.8	[BF8L513]	04.89-12.99	113470	28 35				
280 E 23 6.0	(EuroCargo)[8060.45S.6000TCA]	12.91-11.00	111419	28 55	01.92-11.00	110518	24 4.0	
		12.91-11.00	112097	28 30	01.00-	113277	24 4.0	
300-32 AH 12.8	[BF8L513]	04.89-12.99	113470	28 35				
300-34 AH 12.8		04.89-04.92	113470	28 35				
320 E 27 7.7	(EuroCargo)[8360.46.417]	01.92-	112302	28 120	10.91-08.00	114446	24 5.4	
	[8360.46.417TCA]				10.91-08.00	114446	24 5.4	
320 E 28 5.9	(Tector)[F4AE0681A]	09.00-08.03	113188	28 70				
		09.00-08.03	114296	28 90				
		09.00-08.03	115484	28 70 A49				
		09.00-08.03	115489	28 90 A49	09.00-08.03	112498	24 4.0	
320 LE 320 6.7	(Crossway)[F4AFE611D]				01.16-	112498	24 4.0	
320-30 H 13.8	[8210..]	01.84-07.96	112097	28 30				
		02.90-07.96	111419	28 55				
320-32 AH 12.8	[BF8L513]	04.89-07.96	113470	28 35				
330-30 H 13.8	[8210..]	06.84-12.92	112097	28 30				
330-30 N 13.8	[8210..]	10.89-12.95	112097	28 30				
330-36 H 13.8	[8210..]	01.89-12.98	111419	28 55				
		01.89-12.98	112097	28 30				
330-36 HW 13.8	[8210..]	02.89-12.98	111419	28 55				
		02.89-12.98	112097	28 30				
		04.92-07.00	111987	28 55				
		04.92-07.00	112076	28 80	01.93-11.04	110582	24 5.4	
340 E 34 9.5	(EuroTrakker)[8460.41K]	11.99-11.04	111987	28 55				
		11.99-11.04	112076	28 80	11.99-11.04	110582	24 5.4	
	[8460.41K.]							
340 E 35 7.8	(Cursor)[F2BE0681A]	08.00-09.99-	115798	28 120	09.99-11.04	112822	24 4.5	
		09.99-11.04	113923	28 90				
		09.99-11.04	115879	28 90 A49	09.99-11.04	115880	24 4.5	A49
340 E 37 13.8	(EuroTrakker)[8210.42K.]	11.99-11.04	111987	28 55				
		11.99-11.04	112076	28 80	11.99-11.04	110532	24 6.6	
340 E 37 14.0	(EuroTrakker)[8210.42K]	03.95-12.02	111987	28 55				
		03.95-12.02	112076	28 80				
340 E 38 12.9	(Cursor)[F3BE0681G]	08.00-01.01-	112427	28 90	08.05-	113984	24 5.0	
		01.01-11.04	115602	28 90 ▲	01.01-11.04	115872	24 5.5	A49
		01.01-11.04	115799	28 120				
		01.01-11.04	115871	28 90 A49	01.01-11.04	112823	24 5.5	
340 E 42 13.8	(EuroTrakker)[8210.42L.]	11.99-11.04	111987	28 55	11.99-11.04	110213	24 6.6	
		11.99-11.04	112076	28 80	11.99-11.04	110532	24 6.6	
340 E 42 14.0	(EuroTrakker)[8210.42L]	06.92-12.00	111987	28 55	01.95-12.00	110213	24 6.6	
		06.92-12.00	112076	28 80	01.95-12.00	110532	24 6.6	
340 E 44 12.9	(Cursor)[F3BE0681C]	08.00-01.01-	112427	28 90				
		01.01-11.04	115602	28 90 ▲	01.01-11.04	112823	24 5.5	
		01.01-11.04	115799	28 120	08.05-	113984	24 5.0	
		01.01-11.04	115871	28 90 A49	01.01-11.04	115872	24 5.5	A49
340 T 35 7.8	(Trakker)[F2BE0681A]	06.05-06.05-	113923	28 90	06.05-	112822	24 4.5	
		06.05-06.05-	115879	28 90 A49	06.05-	115880	24 4.5	A49
340 T 36 7.8	(Trakker)[F2BE3681A]	03.06-03.06-	113923	28 90				
		03.06-03.06-	115798	28 120	03.06-	112822	24 4.5	
		03.06-03.06-	115879	28 90 A49	03.06-	115880	24 4.5	A49
340 T 38 12.8	(Trakker)[F3BE0681G]	09.05-09.05-	112427	28 90	09.05-	112823	24 5.5	
		09.05-09.05-	115871	28 90 A49	09.05-	115872	24 5.5	A49
340 T 38 12.9	(Trakker)[F3BE0681G]	06.05-06.05-	112427	28 90	06.05-	112823	24 5.5	
		06.05-06.05-	115871	28 90 A49	06.05-	115872	24 5.5	A49
340 T 41 12.9	(Trakker)[F3B3681D]				06.06-	113984	24 5.0	



	[F3BE3681D]							03.06-	113984	24	5.0
340 T 44 12.8	(Trakker)[F3BE0681C]	06.05-	112427	28	90			06.05-	112823	24	5.5
		06.05-	115871	28	90	A49		06.05-	115872	24	5.5
340 T 45 12.9	(Trakker)[F3B3681C]							06.06-	113984	24	5.0
	[F3BE3681C]							03.06-	113984	24	5.0
340 T 50 12.9	(Trakker)[F3BE3681B]							03.06-	113984	24	5.0
360 LE 360 PRO 360 8.7	(Crossway)[F2CFE611B]	01.16-	111842	28	140			01.16-	112822	24	4.5
		01.16-	112076	28	80			01.16-	115880	24	4.5
380 E 34 9.5	(EuroTrakker)[8460.41K]	04.92- 07.00	111987	28	55						
		04.92- 07.00	112076	28	80			01.93- 11.04	110582	24	5.4
	[8460.41K.]	11.99- 11.04	111987	28	55						
		11.99- 11.04	112076	28	80			11.99- 11.04	110582	24	5.4
380 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	113923	28	90			01.00- 11.04	112822	24	4.5
		01.00- 11.04	115879	28	90	A49		01.00- 11.04	115880	24	4.5
380 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28	55						
		11.99- 11.04	112076	28	80			11.99- 11.04	110532	24	6.6
380 E 37 14.0	(EuroTrakker)[8210.42K]	03.95- 12.02	111987	28	55						
		03.95- 12.02	112076	28	80						
380 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28	90			01.01- 11.04	112823	24	5.5
		01.01- 11.04	115871	28	90	A49		08.04-	113984	24	5.0
								01.01- 11.04	115872	24	5.5
											A49
380 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28	55			11.99- 11.04	110213	24	6.6
		11.99- 11.04	112076	28	80			11.99- 11.04	110532	24	6.6
380 E 42 14.0	(EuroTrakker)[8210.42L]	06.92- 12.00	111987	28	55			01.93- 11.04	110213	24	6.6
		06.92- 12.00	112076	28	80						
380 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28	90			01.01- 11.04	112823	24	5.5
		01.01- 11.04	115871	28	90	A49		01.01- 11.04	115872	24	5.5
											A49
380 E 47 13.8	(EuroTrakker)[8210.42M.TCA]	11.99- 11.04	111987	28	55						
		11.99- 11.04	112076	28	80			11.99- 11.04	110532	24	6.6
380 T 33 7.8	(Trakker)[F2BE3681B]	03.06-	113923	28	90			03.06-	112822	24	4.5
		03.06-	115879	28	90	A49		03.06-	115880	24	4.5
380 T 35 7.8	(Trakker)[F2BE0681A]	01.05-	113923	28	90			01.05-	112822	24	4.5
		01.05-	115879	28	90			01.05-	115880	24	4.5
380 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90			10.04-	112822	24	4.5
		10.04-	115798	28	120						
		10.04-	115879	28	90	A49					
380 T 38 12.9	(Trakker)[F3BE0681G]	06.05-	112427	28	90			06.05-	112823	24	5.5
		06.05-	115871	28	90	A49		06.05-	115872	24	5.5
											A49
380 T 41 12.8	(Trakker)[F3B3681D]	09.06-	112427	28	90			09.06-	113984	24	5.0
		09.06-	115871	28	90	A49		09.06-	115872	24	5.5
								09.06-	112823	24	5.5
380 T 41 12.9	(Trakker)[F3BE3681D]							03.06-	113984	24	5.0
	[F3HFE611/410]							03.06-	113984	24	5.0
380 T 42 12.8	(Trakker)[F3BE0681V]	01.05-	112427	28	90			01.05-	113984	24	5.0
		01.05-	115871	28	90			01.05-	115872	24	5.5
								01.05-	112823	24	5.5
380 T 42 12.9	(Trakker)[F3BE0681V]	04.06- 12.12	112427	28	90			04.06- 12.12	113984	24	5.0
		04.06- 12.12	115871	28	90	A49		04.06- 12.12	115872	24	5.5
								04.06- 12.12	112823	24	5.5
380 T 45 12.8	(Trakker)[F3B3681C]	09.06-	112427	28	90			09.06-	113984	24	5.0
		09.06-	115871	28	90	A49		09.06-	115872	24	5.5
								09.06-	112823	24	5.5
380 T 45 12.9	(Trakker)[F3BE3681C]							03.06-	113984	24	5.0
	[F3HFE611/450]	01.13-	112427	28	90			01.13-	112823	24	5.5
		01.13-	115871	28	90			03.06-	113984	24	5.0
								01.13-	115872	24	5.5
380 T 50 12.9	(Trakker)[F3BE3681B]	03.07-	112427	28	90			03.07-	115872	24	5.5
		03.07-	115871	28	90	A49		03.06-	113984	24	5.0
								03.07-	112823	24	5.5
380.10.29 9.5	[8460.41..]	01.92- 11.00	112302	28	120						
380.12.29 9.5	[8460.41..]	01.92- 11.00	112302	28	120						
400 E 30 9.5	(EuroTech)[8460.41C.320]	04.92- 12.00	111987	28	55						
		04.92- 12.00	112076	28	80			01.92- 08.98	110582	24	5.4
400 E 31 7.8	(Cursor)[F2BE0681B]	08.00-	115798	28	120			09.98-	112822	24	4.5
		09.98-	113923	28	90						
		09.98-	115879	28	90	A49		09.98-	115880	24	4.5
400 E 34 9.5	(EuroTech)[8460.41K.406]	01.92- 12.00	111987	28	55						
		01.92- 12.00	112076	28	80			04.92- 12.00	110582	24	5.4
	(EuroTrakker)[8460.41K]							01.93- 12.00	110582	24	5.4
400 E 35 7.8	(Cursor)[F2BE0681A]	08.00-	115798	28	120						
		09.98- 11.04	113923	28	90			09.98- 11.04	112822	24	4.5
		09.98- 11.04	115879	28	90	A49		09.98- 11.04	115880	24	4.5
400 E 37 14.0	(EuroTrakker)[8210.42K]	07.94- 12.00	111987	28	55						
		07.94- 12.00	112076	28	80						
400 E 38 9.5	(EuroStar)[8460.41L.5020]	01.94- 11.00	111987	28	55			01.94- 11.00	110582	24	5.4
	[8460.41LTCA]	01.94- 11.00	111987	28	55			01.94- 11.00	110582	24	5.4
	[8460.41N]	01.94- 11.00	111987	28	55			01.94- 11.00	110582	24	5.4
	(EuroTech)[8460.41L.5020]	09.92- 11.00	111987	28	55			09.92- 11.00	110582	24	5.4
	[8460.41N]	09.92- 11.00	111987	28	55			09.92- 11.00	110582	24	5.4
400 E 42 14.0	(EuroStar)[8210.42L]	01.94- 12.00	111987	28	55						
	(EuroTech)[8210.42L.400]	04.92- 12.00	111987	28	55						
	(EuroTrakker)[8210.42L]	04.92- 12.00	111987	28	55			01.93- 11.04	110532	24	6.6
		04.92- 12.00	112076	28	80			01.93- 11.04	110213	24	6.6
400 T 35 7.8	(Trakker)[F2BE0681A]	06.05-	113923	28	90						
		06.05-	115798	28	120			06.05-	112822	24	4.5
		06.05-	115879	28	90	A49		06.05-	115880	24	4.5
400 T 36 7.8	(Trakker)[F2BE3681A]	10.04-	113923	28	90						
		10.04-	115798	28	120			10.04-	112822	24	4.5
		10.04-	115879	28	90	A49		10.04-	115880	24	4.5
400 T 41 12.9	(Trakker)[F3BE3681D]							03.06-	113984	24	5.0
400 T 42 12.9	(Trakker)[F3BE0681V]	06.05-	112427	28	90						
		06.05-	115871	28	90	A49		06.05-	113984	24	5.0
400 T 45 12.9	(Trakker)[F3BE3681C]							03.06-	113984	24	5.0
400 T 50 12.9	(Trakker)[F3BE3681B]							03.06-	113984	24	5.0
410 E 35 7.8	(Cursor)[F2BE0681A]	01.00- 11.04	113923	28	90			01.00- 11.04	115880	24	4.5
		01.00- 11.04	115879	28	90	A49		01.00- 11.04	112822	24	4.5

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

IVECO Continued

410 E 37 13.8	(EuroTrakker)[8210.42K(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
410 E 37 14.0	(EuroTrakker)[8210.42K]	04.92- 11.00	111987	28 55			
		04.92- 11.00	112076	28 80			
410 E 38 12.9	(Cursor)[F3BE0681G]	08.00- 11.04	112427	28 90	08.05-	113984	24 5.0
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49
					01.01- 11.04	112823	24 5.5
410 E 42 13.8	(EuroTrakker)[8210.42L(TCA)]	11.99- 11.04	111987	28 55	11.99- 11.04	110213	24 6.6
		11.99- 11.04	112076	28 80	11.99- 11.04	110532	24 6.6
410 E 42 14.0	(EuroTrakker)[8210.42L]	04.92- 11.00	111987	28 55			
		04.92- 11.00	112076	28 80	01.93- 11.04	110213	24 6.6
410 E 44 12.9	(Cursor)[F3BE0681C]	08.00- 11.04	112427	28 90	01.01- 11.04	115872	24 5.5 A49
		01.01- 11.04	115871	28 90 A49	08.04-	113984	24 5.0
					01.01- 11.04	112823	24 5.5
410 T 35 7.8	(Trakker)[F2BE0681A]	02.05-	113923	28 90	02.05-	112822	24 4.5
		02.05-	115879	28 90	02.05-	115880	24 4.5
410 T 36 7.8	(Trakker)[F2BE3681A]	03.06-	113923	28 90			
		03.06-	115798	28 120	03.06-	112822	24 4.5
		03.06-	115879	28 90 A49	03.06-	115880	24 4.5 A49
410 T 38 12.8	(Trakker)[F3BE0681G]	02.05-	112427	28 90	02.05-	113984	24 5.0
		02.05-	115871	28 90	02.05-	115872	24 5.5
410 T 38 12.9	(Trakker)[F3BE0681G]	04.05-	112427	28 90	02.05-	112823	24 5.5
		04.05-	115871	28 90 A49	04.05-	115872	24 5.5 A49
410 T 41 12.9	(Trakker)[F3B3681D] [F3BE3681D]				06.06-	113984	24 5.0
					03.06-	113984	24 5.0
410 T 44 12.8	(Trakker)[F3BE0681C]	02.05-	112427	28 90	02.05-	113984	24 5.0
		02.05-	115871	28 90 A49	02.05-	115872	24 5.5 A49
					02.05-	112823	24 5.5
410 T 44 12.9	(Trakker)[F3BE0681C]	02.05-	112427	28 90	02.05-	112823	24 5.5
		02.05-	115871	28 90 A49	02.05-	115872	24 5.5 A49
410 T 45 12.9	(Trakker)[F3B3681C] [F3BE3681C]				06.06-	113984	24 5.0
					03.06-	113984	24 5.0
410 T 48 12.9	(Trakker)[F3BE0681E]	02.05-	112427	28 90	02.05-	112823	24 5.5
		02.05-	115871	28 90 A49	02.05-	115872	24 5.5 A49
410 T 50 12.9	(Trakker)[F3BE0681B] [F3BE3681B]				06.06-	113984	24 5.0
					03.06-	113984	24 5.0
440 E 31 7.8	(Cursor)[F2BE0681B]	08.00-	115798	28 120	09.98-	112822	24 4.5
		09.98-	113923	28 90			
		09.98-	115879	28 90 A49	09.98-	115880	24 4.5 A49
440 E 34 9.5	(EuroTech)[8460.41K.406] (EuroTrakker)[8460.41K]	01.92-	111987	28 55			
		01.92-	112076	28 80	04.92- 12.00	110582	24 5.4
440 E 35 7.8	(Cursor)[F2BE0681A] (EuroTech)[F2BE0681A]	01.94- 07.00	111987	28 55	01.94- 07.00	110582	24 5.4
		08.00-	115798	28 120	09.98-	112822	24 4.5
		09.98-	113923	28 90			
440 E 37 14.0	(EuroTrakker)[8210.42K]	09.98-	115879	28 90 A49	09.98-	115880	24 4.5 A49
		02.00-	113923	28 90	02.00-	112822	24 4.5
		02.00-	115879	28 90 A49	02.00-	115880	24 4.5 A49
440 E 38 12.9	(EuroTrakker)[8210.42K] (Cursor)[F3BE0681G] (EuroStar)[8460.41L.5020] [8460.41LTCA] [8460.41N] (EuroTech)[8460.41L.5020] [8460.41LTCA] [8460.41N]	04.92- 11.00	111987	28 55	01.93- 11.00	110213	24 6.6
		04.92- 11.00	112076	28 80	01.93- 11.00	110532	24 6.6
		01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49
		01.94- 11.00	111987	28 55	01.94-	110582	24 5.4
		01.94- 11.00	111987	28 55	01.94-	110582	24 5.4
		01.93- 02.02	112076	28 80			
		01.94- 11.00	111987	28 55	01.93-	110582	24 5.4
		09.92- 11.00	111987	28 55	01.92-	110582	24 5.4
		04.93- 11.00	111987	28 55			
440 E 39 10.3	(EuroStar)[F3AE0681E] (EuroTech)[F3AE0681E]	04.93- 11.00	112076	28 80	01.93-	110582	24 5.4
		09.92- 11.00	111987	28 55	01.92-	110582	24 5.4
		11.99-	112427	28 90	11.99-	113984	24 5.0
440 E 40 10.3	(EuroStar)[F3AE0681B] (EuroTech)[F3AE0681B]	11.99-	115871	28 90 A49	11.99-	115872	24 5.5 A49
		11.99-	115871	28 90 A49	11.99-	112823	24 5.5
		11.99-	115871	28 90 A49	11.99-	115872	24 5.5 A49
		11.99-	115871	28 90 A49	11.99-	113984	24 5.0
		11.99-	115871	28 90 A49	11.99-	112823	24 5.5
440 E 42 14.0	(EuroStar)[8210.42L] (EuroTech)[8210.42L.400] (EuroTrakker)[8210.42L]	09.00- 02.02	112427	28 90	09.00- 02.02	112823	24 5.5
		09.00- 02.02	115871	28 90 A49	09.00- 02.02	115872	24 5.5 A49
		09.00-	112427	28 90	09.00-	112823	24 5.5
		09.00-	115871	28 90 A49	09.00-	115872	24 5.5 A49
440 E 43 10.3	(EuroStar)[F3AE0681D] (EuroTech)[F3AE0681D]	01.93- 12.00	111987	28 55	01.93- 02.02	112823	24 5.5
		04.92- 12.00	111987	28 55	02.02-	113984	24 5.0
		04.92- 12.00	111987	28 55	01.93- 02.02	115872	24 5.5 A49
		04.92- 12.00	112076	28 80			
		01.93- 02.02	115602	28 90 ▲			
440 E 44 12.9	(Cursor)[F3BE0681C]	01.93- 02.02	115799	28 120			
		01.93- 02.02	115871	28 90 A49			
		11.99- 08.03	112427	28 90	11.99-	115872	24 5.5 A49
440 E 47 14.0	(EuroStar)[8210.42M.TCA]	11.99-	115871	28 90 A49	08.03-	113984	24 5.0
		11.99-	115871	28 90 A49	11.99-	112823	24 5.5
440 E 48 12.9	(EuroStar)[F3BE0681E]	11.99-	115871	28 90 A49	11.99-	112823	24 5.5
		01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5
440 E 52 17.2	(EuroStar)[8280.42S.TCA]	01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49
		01.93- 02.02	111987	28 55	01.93- 02.02	110532	24 6.6
440 S 31 7.8	(Stralis)[F2BE0681B]	01.93- 02.02	112427	28 90	08.03-	113984	24 5.0
		01.93- 02.02	112076	28 80	01.01- 02.02	115872	24 5.5 A49
440 S 33 7.8	(Stralis)[F2BE3681B]	01.01- 02.02	112427	28 90	01.01- 02.02	112823	24 5.5
		12.06-	113923	28 90			
		12.06-	115798	28 120	12.06-	112822	24 4.5
440 S 35 7.8	(Stralis)[F2BE0681A]	12.06-	115879	28 90 A49	12.06-	115880	24 4.5 A49
		06.03-	113923	28 90	06.03-	112822	24 4.5
		06.03-	115879	28 90 A49	06.03-	115880	24 4.5 A49



440 S 40 10.3	(Cursor)[F3AE0681B]	02.02-	112427	28 90					
		02.02-	115871	28 90	A49		08.05-	113984	24 5.0
	[F3AE0681H]	02.02-	115871	28 90	A49				
	(Stralis)[F3AE0681B]	06.03-	112427	28 90					
		06.03-	115871	28 90	A49		08.05-	113984	24 5.0
	[F3AE0681H]	02.02-	112427	28 90		02.02-	115872	24 5.5	
		02.02-	115871	28 90	A49		02.02-	112823	24 5.5
440 S 42 10.3	(Stralis)[F3A3681B]						07.06-	113984	24 5.0
	[F3AE3681B]						12.06-	113984	24 5.0
440 S 43 10.3	(Cursor)[F3AE0681D]	02.02-	112427	28 90					
		02.02-	115871	28 90	A49		08.05-	113984	24 5.0
	(Stralis)[F3AE0681D]	06.03-	112427	28 90					
		06.03-	115871	28 90	A49		08.05-	113984	24 5.0
440 S 45 10.3	(Stralis)[F3A3681A]						07.06-	113984	24 5.0
440 S 46 10.3	(Stralis)	12.09-	115871	28 90	A49		12.09-	115872	24 5.5 A49
		12.09-	112427	28 90			12.09-	112823	24 5.5
440 S 48 12.8	(Stralis)[F3BE0681E]	02.02-	112427	28 90		02.02-	112823	24 5.5	
		02.02-	115871	28 90	A49		02.02-	115872	24 5.5 A49
440 S 48 12.9	(Cursor)[F3BE0681E]	02.02-	112427	28 90					
		02.02-	115871	28 90	A49		08.05-	113984	24 5.0
	(Stralis)[F3BE0681E]	02.02-	112427	28 90					
		02.02-	115871	28 90	A49		08.05-	113984	24 5.0
440 S 50 12.9	(Stralis)[F3B3681B]						07.06-	113984	24 5.0
440 S 54 12.8	(Stralis)[F3BE0681A]	02.02-	112427	28 90		02.02-	112823	24 5.5	
		02.02-	115871	28 90	A49		02.02-	115872	24 5.5 A49
440 S 54 12.9	(Cursor)[F3BE0681A]						08.05-	113984	24 5.0
	(Stralis)[F3BE0681A]	02.02-	112427	28 90		02.02-	115872	24 5.5 A49	
		02.02-	115871	28 90	A49		08.05-	113984	24 5.0
						02.02-	112823	24 5.5	
440 S 56 12.9	(Stralis)[F3B3681A]						07.06-	113984	24 5.0
440 T 41 12.9	(Trakker)[F3BE3681D]						03.06-	113984	24 5.0
440 T 45 12.9	(Trakker)[F3BE3681C]						03.06-	113984	24 5.0
440 T 50 12.9	(Trakker)[F3BE3681B]						03.06-	113984	24 5.0
450 E 32 T 7.8	(EuroCargo)[F2BE1682G]	03.08- 12.11	113923	28 90		03.08- 12.11	112822	24 4.5	
		03.08- 12.11	115879	28 90	A49	03.08- 12.11	115880	24 4.5 A49	
450 S 33 T 8.7	(Stralis)[F2CFE611/330]	04.12-	113923	28 90		04.12-	112822	24 4.5	
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49	
	[F2CFE611C]	04.12-	113923	28 90		04.12-	112822	24 4.5	
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49	
450 S 38 T 12.9	(Stralis)[F3BE0681G]	08.05-	112427	28 90					
		08.05-	115871	28 90	A49		08.05-	113984	24 5.0
450 S 42 T 12.9	(Stralis)[F3BE0681V]	08.05-	112427	28 90					
		08.05-	115871	28 90	A49		08.05-	113984	24 5.0
460 S 36 T 8.7	(Stralis)[F2CFE611/360]	04.12-	113923	28 90		04.12-	112822	24 4.5	
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49	
	[F2CFE611B]	04.12-	113923	28 90		04.12-	112822	24 4.5	
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49	
490 S 38 T 12.9	(Stralis)[F3BE0681G]	02.08-	112427	28 90					
		02.08-	115871	28 90	A49		02.08-	113984	24 5.0
490 S 40 T 12.9	(Stralis)[F3BE3681D]	04.12-	112427	28 90		04.12-	112823	24 5.5	
		04.12-	115871	28 90		04.12-	115872	24 5.5 A49	
490 S 42 T 12.9	(Stralis)[F3BE0681V]	02.08-	112427	28 90					
		02.08-	115871	28 90	A49		02.08-	113984	24 5.0
490 S 44 T 12.9	(Stralis)	04.12-	115871	28 90	A49		04.12-	112823	24 5.5
		04.12-	112427	28 90			04.12-	115872	24 5.5 A49
		04.12-	112427	28 90			04.12-	112823	24 5.5
		04.12-	115871	28 90	A49		04.12-	115872	24 5.5 A49
50-10 4.6	(Zeta)[8340.04.200]						01.79- 10.83	110518	24 4.0
	[8340.04.250]						01.79- 10.83	110518	24 4.0
	[8340.04.300]						01.79- 10.83	110518	24 4.0
	[8340.04.362]						01.79- 10.83	110518	24 4.0
50-8 3.7	(Zeta)[8040.04.200]						01.83- 12.86	110517	24 3.2
							01.83- 12.86	110521	24 4.0
50-9 3.9	(Zeta)[8040.05.230]						01.87- 03.91	110517	24 3.2
530 S 36 T 8.7	(Stralis)[F2CFE611/360]	04.12-	113923	28 90		04.12-	112822	24 4.5	
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49	
	[F2CFE611B]	04.12-	113923	28 90		04.12-	112822	24 4.5	
		04.12-	115879	28 90	A49	04.12-	115880	24 4.5 A49	
570 S 38 T 12.9	(Stralis)[F3BE0681G]	08.05- 03.12	112427	28 90					
		08.05- 03.12	115871	28 90	A49		08.05- 03.12	113984	24 5.0
570 S 42 T 12.9	(Stralis)[F3BE0681V]	08.05- 03.12	112427	28 90					
		08.05- 03.12	115871	28 90	A49		08.05- 03.12	113984	24 5.0
570 S 42 TZ 12.9	(Stralis)[F3BE0681V]	08.05- 03.12	112427	28 90					
		08.05- 03.12	115871	28 90	A49		08.05- 03.12	113984	24 5.0
60 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91- 05.96	111987	28 55					
		01.91- 05.96	112097	28 30		01.91- 05.96	110517	24 3.2	
60 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55		01.91- 05.96	110517	24 3.2	
		01.91- 05.96	112097	28 30		01.91- 12.96	110521	24 4.0	
60 E 13 3.9	(Tector)[F4AE0481D]	09.00-	113188	28 70					
		09.00-	114296	28 90					
		09.00-	115484	28 70	A49				
		09.00-	115489	28 90	A49		09.00-	112498	24 4.0
60 E 14 3.9	(Tector)[F4AE3481C]	09.06-	113188	28 70					
		09.06-	114296	28 90					
		09.06-	115484	28 70	A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90	A49				
60 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 05.96	111987	28 55		01.91- 12.96	110521	24 4.0	
		01.91- 05.96	112097	28 30		01.91- 05.96	110517	24 3.2	
60 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70					
		09.00-	114296	28 90					
		09.00-	115484	28 70	A49				
		09.00-	115489	28 90	A49		09.00-	112498	24 4.0
60 E 16 3.9	(Tector)[F4AE3481D]	09.06-	113188	28 70					
		09.06-	114296	28 90					
		09.06-	115484	28 70	A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90	A49				



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600 S 40 T 12.9	(Stralis)[F3BE3681D]	04.12-	112427	28 90	04.12-	112823	24 5.5	
		04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49	
600 S 44 T 12.9	(Stralis)	04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49	
		04.12-	112427	28 90	04.12-	112823	24 5.5	
600 S 48 T 12.9	(Stralis)[F3B3681F]	04.12-	112427	28 90	04.12-	112823	24 5.5	
		04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49	
600 S 56 T 12.9	(Stralis)[F3B3681F]	04.12-	112427	28 90	04.12-	112823	24 5.5	
		04.12-	115871	28 90 A49	04.12-	115872	24 5.5 A49	
60-10 4.6	(Zeta)[8340.04.040]				11.79- 06.88	110518	24 4.0	
	[8340.04.200]				05.82- 12.86	110518	24 4.0	
	[8340.04.250]				05.82- 12.86	110518	24 4.0	
60-11 3.9	(Zeta)[8040.25.230R]				01.87- 03.91	110517	24 3.2	
60-8 3.7	(Zeta)[8040.04.200]				11.79- 04.83	110517	24 3.2	
60-9 3.9	(Zeta)[8040.05.200]	09.88- 12.92	111419	28 55	09.88- 12.92	110518	24 4.0	
	[8040.05.203]	09.88- 12.92	111419	28 55				
		09.88- 12.92	111987	28 55	09.88- 12.92	110518	24 4.0	
65 E 10 4.0	(EuroCargo)[8040.25B.4200LTC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2	
		01.91- 05.96	112097	28 30	01.91- 12.96	110521	24 4.0	
65 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2	
		01.91- 05.96	112097	28 30	01.91-	110521	24 4.0	
65 E 13 3.9	(Tector)[F4AE0481D]	08.00-	113188	28 70				
		08.00- 08.03	115484	28 70 A49				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0	
65 E 14 3.9	(EuroCargo)[F4AE3481C]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49	
		09.06-	115489	28 90 A49				
65 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49	
		09.06-	115489	28 90 A49				
65 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 06.96	111987	28 55	01.91- 06.96	110517	24 3.2	
		01.91- 06.96	112097	28 30	01.91-	110521	24 4.0	
65 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49	08.00-	112498	24 4.0	
65 E 16 3.9	(EuroCargo)[F4AE3481D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49	
		09.06-	115489	28 90 A49				
65 E 16 3.9	(EuroCargo)[F4AE3481D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49	
		09.06-	115489	28 90 A49				
65 E 16 3.9	(EuroCargo)[F4AE3481D]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49	
		09.06-	115489	28 90 A49				
65-10 4.6	(Zeta)[8340.04.200]				05.82- 01.87	110518	24 4.0	
					05.82- 01.87	110518	24 4.0	
					05.82- 01.87	110518	24 4.0	
					05.82- 01.87	110518	24 4.0	
					05.82- 01.87	110518	24 4.0	
65-12 3.9	(Zeta)[8040.25.200]				01.87- 03.91	110517	24 3.2	
65-9 3.9	(Zeta)[8040.05.230]				01.87- 03.91	110517	24 3.2	
70-12 5.4	(Zeta)[8340.05.200]				01.83- 01.85	110518	24 4.0	
70-14 5.7	(Zeta)[8060.05.246]				05.88- 06.91	110518	24 4.0	
					05.88- 12.92	110518	24 4.0	
720 E 37 14.0	(EuroTrakker)[8210.42K]	09.93- 12.95	111987	28 55				
		09.93- 12.95	112076	28 80				
720 E 42 14.0	(EuroTrakker)[8210.42L]	09.93- 12.00	111987	28 55	01.93- 11.04	110213	24 6.6	
		09.93- 12.00	112076	28 80	01.93- 11.04	110532	24 6.6	
720 E 44 12.9	(Cursor)[F3BE0681C]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5	
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49	
720 E 48 12.9	(Cursor)[F3BE0681E]	01.01- 11.04	112427	28 90	01.01- 11.04	112823	24 5.5	
		01.01- 11.04	115871	28 90 A49	01.01- 11.04	115872	24 5.5 A49	
720 T 41 12.9	(Trakker)[F3BE3681D]				03.06-	113984	24 5.0 MI	
720 T 42 12.9	(Trakker)[F3BE0681V]	04.05-	112427	28 90	04.05-	113984	24 5.0	
		04.05-	115871	28 90 A49				
720 T 45 12.9	(Trakker)[F3BE3681C]				03.06-	113984	24 5.0 MI	
720 T 50 12.9	(Trakker)[F3BE3681B]				03.06-	113984	24 5.0	
740 48 T 12.9	(Trakker)[F3BE0681E]	02.05-	112427	28 90	02.05-	112823	24 5.5	
		02.05-	115871	28 90 A49	02.05-	115872	24 5.5 A49	
740 S 42 TZ 12.9	(Stralis)[F3BE0681V]	08.05- 03.12	112427	28 90				
		08.05- 03.12	115871	28 90 A49	08.05- 03.12	113984	24 5.0	
75 E 12 4.0	(EuroCargo)[8040.25X.4000TC]	01.91- 05.96	111987	28 55	01.91- 05.96	110517	24 3.2	
		01.91- 05.96	112097	28 30	01.91-	110521	24 4.0	
		01.91-	112076	28 80				
75 E 13 3.9	(Tector)[F4AE0481D]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0	
75 E 14 3.9	(Tector)[F4AE3481C]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49	
		09.06-	115489	28 90 A49				
75 E 14 4.0	(EuroCargo)[8040.45.4000]	01.91- 12.93	111987	28 55	01.91-	113183	24 4.0 A49	
		01.91- 12.92	112097	28 30	01.91-	116347*	24 4.0	
					01.91-	110517	24 3.2	
					01.91-	110521	24 4.0	
					01.91-	110521	24 4.0	
75 E 14 4.0	(EuroCargo)[8040.45.4000TCA]	01.91- 12.93	111987	28 55	01.97- 08.00	110517	24 3.2	
		01.91- 12.93	112097	28 30				
		01.91- 12.93	111987	28 55	01.91-	116347*	24 4.0	
					01.91-	110517	24 3.2	
					01.91-	110521	24 4.0	
75 E 14 4.0	(EuroCargo)[8040.45.4180]				11.85- 03.91	113183	24 4.0 A49	
75 E 14 4.0	(EuroCargo)[8040.45.4180TCA]	01.92- 12.92	111987	28 55	01.97- 08.00	110517	24 3.2	



75 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
75 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 12.92	111987	28 55	01.91- 12.92	110518	24 4.0
		01.91- 12.92	112097	28 30	01.00-	113277	24 4.0
75 E 16 3.9	(EuroCargo)[F4AE3481D]	05.06-	113188	28 70			
		05.06-	114296	28 90			
		05.06-	115484	28 70 A49	05.06-	114307	24 4.0 A49
		05.06-	115489	28 90 A49			
	(Tector)[F4AE3481D]	09.06-	113188	28 70			
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49	09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49			
75 E 16 4.5	(EuroCargo IV)[F4AFE411A]	09.15-	113188	28 70			
		09.15-	114296	28 90			
		09.15-	115484	28 70 A49	09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49			
75 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
	[F4AE3481B]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49			
75 E 18 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
	[F4AE0681E]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
75 E 19 4.5	(EuroCargo IV)[F4AFE411E]	09.15-	113188	28 70			
		09.15-	114296	28 90			
		09.15-	115484	28 70 A49	09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49			
75 E 21 4.5	(EuroCargo IV)[F4AFE411C]	09.15-	113188	28 70			
		09.15-	114296	28 90			
		09.15-	115484	28 70 A49	09.15-	114307	24 4.0 A49
		09.15-	115489	28 90 A49			
79-10 4.6	(Zeta)[8340.04.200]				01.83- 01.87	110518	24 4.0
					01.83- 01.87	110518	24 4.0
79-12 3.9	(Zeta)[8040.25.200]				01.87- 03.91	110517	24 3.2
					01.87- 03.91	110517	24 3.2
79-13 5.5	(Zeta)[8060.04.060]				01.83- 06.83	110521	24 4.0
					11.79- 12.83	113183	24 4.0 A49
				11.79- 12.83	116347*	24 4.0	
	[8060.04.660]				01.83- 06.83	110521	24 4.0
					11.79- 12.83	113183	24 4.0 A49
					11.79- 12.83	116347*	24 4.0
79-14 5.5	(Zeta)[8060.04.660]				07.83- 11.85	110521	24 4.0
					01.83- 11.85	113183	24 4.0 A49
					01.83- 11.85	116347*	24 4.0
79-14 5.9	(Zeta)[8060.05.280]				07.88- 03.91	110518	24 4.0
					12.85- 06.88	110521	24 4.0
					12.85- 03.91	113183	24 4.0 A49
					12.85- 03.91	116347*	24 4.0
80 E 15 3.9	(Tector)[F4AE0481C]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
80 E 15 6.0	(EuroCargo)[8060.25R.4200LTC]	01.91- 08.00	111987	28 55	01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24 4.0
80 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49	09.00-	112498	24 4.0
		09.00- 08.03	115489	28 90 A49			
	[F4AE3481A]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
80 E 18 3.9	(Tector)[F4AE3481B]	09.06-	113188	28 70			
		09.06-	114296	28 90			
		09.06-	115484	28 70 A49	09.06-	112498	24 4.0
		09.06-	115489	28 90 A49	09.06-	114307	24 4.0 A49
80 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
80 E 18 6.0	(EuroCargo)[8060.25V.4000TCA]	01.91- 08.00	111987	28 55	01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24 4.0
80 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
		09.00- 08.03	115484	28 70 A49			
		09.00- 08.03	115489	28 90 A49	09.00-	112498	24 4.0
	[F4AE3681B]	09.00-	113188	28 70			
		09.00- 08.03	114296	28 90			
80 E 21 6.0	(EuroCargo)[8060.45.4100TCA]	01.91- 08.00	111987	28 55	01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24 4.0
		01.91- 08.00	111987	28 55	01.91- 08.00	110518	24 4.0
		01.91- 08.00	112097	28 30	01.00-	113277	24 4.0

STARTERS & ALTERNATORS



Application list

IVECO Continued

80 EL 16 3.9	(EuroCargo)[F4AE3481D]	05.06-	113188	28 70				
		05.06-	114296	28 90				
		05.06-	115484	28 70 A49		05.06-	114307	24 4.0 A49
		05.06-	115489	28 90 A49				
80 EL 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70				
		09.00-	114296	28 90		09.00-	112498	24 4.0
		09.00-	115484	28 70 A49				
		09.00-	115489	28 90 A49				
80 EL 18 3.9	(Tector)[F4AE3481B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
800 S 44 TZ 12.9	(Stralis)	08.05-	115871	28 90 A49		08.05-	115872	24 5.5 A49
		08.05-	112427	28 90		08.05-	112823	24 5.5
800 S 48 TZ 12.9	(Stralis)[F3B3681F]	04.12-	112427	28 90		04.12-	112823	24 5.5
		04.12-	115871	28 90 A49		04.12-	115872	24 5.5 A49
800 S 56 TZ 12.9	(Stralis)[F3HFE611/560]	04.12-	112427	28 90		04.12-	112823	24 5.5
		04.12-	115871	28 90 A49		04.12-	115872	24 5.5 A49
		04.12-	112427	28 90		04.12-	112823	24 5.5
		04.12-	115871	28 90 A49		04.12-	115872	24 5.5 A49
80-13 A... 6.1	[BF6L913]	03.86- 12.91	113470	28 35				
80-16A... 6.1	[BF6L913]	03.86- 12.91	113470	28 35				
90 E 17 3.9	(Tector)[F4AE0481A]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49		09.00-	112498	24 4.0
90 E 18 5.9	(Tector)[F4AE0681E]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90		09.00-	112498	24 4.0
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49				
90 E 21 5.9	(Tector)[F4AE0681D]	09.00-	113188	28 70				
		09.00- 08.03	114296	28 90				
		09.00- 08.03	115484	28 70 A49				
		09.00- 08.03	115489	28 90 A49		09.00-	112498	24 4.0
90 E 22 5.9	(Tector)[F4AE3681B]	09.06-	113188	28 70				
		09.06-	114296	28 90				
		09.06-	115484	28 70 A49		09.06-	114307	24 4.0 A49
		09.06-	115489	28 90 A49				
90 V 16 3.9	(Vertis)[F4AE3481D]	10.10-	113280	14 90				
90 V 18 3.9	(Vertis)[F4AE3481B]	10.10-	113280	14 90				
90-13A 6.1	[BF6L913T]	03.86- 12.91	113470	28 35				
95 E 15 6.0	(EuroCargo)[8060.25R.4750]	01.91- 12.91	112097	28 30				
		11.93- 12.94	111987	28 55				
		11.93- 12.94	112076	28 80		01.00-	113277	24 4.0
		11.93- 12.94	111987	28 55				
		11.93- 12.94	112076	28 80		01.00-	113277	24 4.0
		11.93- 12.94	111987	28 55				
		11.93- 12.94	112076	28 80		01.00-	113277	24 4.0
		11.93- 12.94	111987	28 55				
		11.93- 12.94	112097	28 30		01.00-	113277	24 4.0
		01.93- 08.00	111987	28 55				
		01.93- 08.00	112076	28 80		01.00-	113277	24 4.0
		01.93- 08.02	111987	28 55				
01.93- 08.02	112076	28 80		01.00-	113277	24 4.0		
95 E 21 6.0	(EuroCargo)[8060.45.4700]	01.91- 12.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 12.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 12.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 12.00	111987	28 55		01.00-	113277	24 4.0
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.00-	113277	24 4.0
		01.91- 08.00	111987	28 55				
		01.91- 08.00	112076	28 80		01.00-	113277	24 4.0
95-14 5.5	(Zeta)[8060.04.669]					07.83- 10.85	110521	24 4.0
						07.83- 10.98	113183	24 4.0 A49
						07.83- 10.85	116347*	24 4.0
LD 260 E 40 10.3	(EuroStar)[F3AE0681B]	09.00- 02.02	112427	28 90		09.00- 02.02	112823	24 5.5
		09.00- 02.02	115871	28 90 A49		09.00- 02.02	115872	24 5.5 A49
M 115-17 5.5	[8060.24.601]					09.83- 12.85	110518	24 4.0
M 115-17 5.7	[8060.25.600]					01.86- 12.99	110518	24 4.0
M 115-17 5.9	[8060.25.600]					01.86- 12.99	110518	24 4.0
M 135-17 5.5	[8060.24.601]					09.83- 12.85	110518	24 4.0
M 135-17 5.9	[8060.25.600]					01.86- 08.92	110518	24 4.0
M 145-17 5.9	[8060.25.600]					02.86- 07.92	110518	24 4.0
M 159-17 8.1	[8360.05.254]					07.82- 09.86	110518	24 4.0
M 165-24 9.6	[8220.22.002]					06.82- 09.86	110582	24 5.4
						06.82- 09.86	110582	24 5.4
M 175-17 5.9	[8060.25.600]					09.86- 07.92	110518	24 4.0
						09.86- 07.92	110582	24 5.4
M 175-24 9.5	[8460.21.002]					09.86- 07.92	110582	24 5.4
						09.86- 07.92	110582	24 5.4
Magelys Pro 8.7	(Magelys)	07.11-	111842	28 140		07.11-	115880	24 4.5
						07.11-	112822	24 4.5
MK 110-13 6.1	[BF6L913T]	01.83- 12.91	112046	14 95		01.83- 12.91	110536	12 2.7
		01.83- 02.86	112098	14 65		04.85- 02.86	113467	12 3.7
		01.83- 02.86	112736	14 65		01.83- 12.91	116139	12 3.0 A49
		03.86- 12.89	113470	28 35		01.83- 12.91	116312	12 2.7 BO
						03.86- 12.91	110523	24 4.8
						04.85- 02.86	113467	12 3.7
						01.83- 12.91	116139	12 3.0 A49
						01.83- 12.91	116312	12 2.7 BO
						03.86- 12.91	110523	24 4.8
						01.83- 12.91	110536	12 2.7



MK 110-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95					
		01.83- 02.86	112098	14	65					
		01.83- 02.86	112736	14	65		03.86- 12.91	110523	24	4.8
		03.86- 12.89	113470	28	35		01.83- 02.86	113467	12	3.7
		01.91- 12.91	112747	28	55					
	[BF6L913T]	01.83- 12.85	111419	28	55					
		01.83- 12.85	112046	14	95					
		01.83- 12.85	112098	14	65					
		01.83- 12.85	112736	14	65					
		01.83- 12.85	112747	28	55		01.83- 12.85	110523	24	4.8
[F6L913]	01.83- 12.85	113470	28	35		01.83- 12.85	113467	12	3.7	
	01.83- 12.85	111419	28	55						
	01.83- 12.85	112046	14	95						
	01.83- 12.85	112098	14	65						
	01.83- 12.85	112736	14	65						
MK 130-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95		01.83- 12.91	110536	12	2.7
		01.83- 02.86	112098	14	65		04.85- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65		01.83- 12.91	116139	12	3.0
		03.86- 05.89	110766	28	27		03.86- 05.89	110523	24	4.8
		03.86- 05.89	113470	28	35		01.83- 12.91	116312	12	2.7
	[F6L913]	01.83- 12.91	112046	14	95		04.85- 02.86	113467	12	3.7
		01.83- 02.86	112098	14	65		01.83- 12.91	116139	12	3.0
		01.83- 02.86	112736	14	65		01.83- 12.91	116312	12	2.7
							01.83- 12.91	110536	12	2.7
MK 130-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95					
		01.83- 02.86	112098	14	65					
		01.83- 02.86	112736	14	65		03.86- 12.91	110523	24	4.8
		03.86- 12.91	110766	28	27					
		03.86- 10.91	113470	28	35		01.83- 02.86	113467	12	3.7
MK 75-9 4.1	[BF4L913T]	01.83- 05.89	112046	14	95		01.83- 05.89	116139	12	3.0
		11.85- 10.87	110766	28	27		01.83- 02.86	110536	12	2.7
		11.87- 05.89	113470	28	35		01.83- 05.89	116312	12	2.7
	[F4L913]	01.83- 05.89	112046	14	95		01.83- 02.86	110536	12	2.7
		01.83- 02.86	112098	14	65		01.83- 05.89	116139	12	3.0
MK 80-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95		01.83- 03.85	110536	12	2.7
		01.83- 02.86	112098	14	65		04.85- 02.86	113467	12	3.7
		01.83- 02.86	112736	14	65		01.83- 12.91	116139	12	3.0
		03.86- 12.89	113470	28	35		01.83- 12.91	116312	12	2.7
							03.86- 12.91	110523	24	4.8
	[F6L913]	01.83- 12.91	112046	14	95		01.83- 12.91	110523	24	4.8
MK 80-16 6.1	[BF6L913]	01.83- 12.91	112046	14	95					
		01.83- 02.86	112098	14	65		03.86- 12.91	110523	24	4.8
		01.83- 02.86	112736	14	65		01.83- 02.86	113467	12	3.7
		03.86- 12.89	113470	28	35					
MK 80-9 4.1	[F4L913]	01.83- 02.86	112046	14	95		01.83- 02.86	110536	12	2.7
		01.83- 02.86	112098	14	65		01.83- 02.86	116139	12	3.0
		01.83- 02.86	112736	14	65		01.83- 02.86	116312	12	2.7
MK 90-13 6.1	[BF6L913T]	01.83- 12.91	112046	14	95		01.83- 03.85	110536	12	2.7
		01.83- 02.86	112098	14	65		04.85- 12.91	113467	12	3.7
		01.83- 02.86	112736	14	65		01.83- 12.91	116139	12	3.0
		03.86- 12.91	113470	28	35		01.83- 12.91	116312	12	2.7
P/PA 120-13 6.2	[BF6L913T]	08.83- 02.88	110766	28	27		03.86- 12.91	110523	24	4.8
		03.88- 12.89	113470	28	35		01.83- 02.86	113467	12	3.7
	[F6L913]	01.83- 02.86	110766	28	27		01.83- 02.86	110523	24	4.8
P/PA 120-16 6.2	[BF6L913]	01.83- 02.88	110766	28	27					
		03.88- 11.89	113470	28	35		01.83- 11.89	113464	24	4.0
P/PA 120-17 6.2	[BF6L913]	01.83- 11.89	110766	28	27					
		03.88- 11.89	113470	28	35		01.83- 11.89	113464	24	4.0
P/PA 150-16 6.2	[BF6L913]	01.83- 02.88	110766	28	27					
		03.88- 12.89	113470	28	35		01.83- 12.91	113464	24	4.0
P/PA 159-17 8.1	[8360.05.254]					07.82- 09.86	110518	24	4.0	
P/PA 160-17 6.2	[BF6L913]	07.89- 07.96	113470	28	35		07.89- 12.93	113464	24	4.0
		07.89- 07.96	113470	28	35		07.89- 07.96	113464	24	4.0
P/PA 160-23 12.8	[BF8L513]	06.86- 05.89	110766	28	27					
		06.86- 05.89	113470	28	35		06.86- 05.89	110535	24	5.4
	[F8L413F]	04.84- 05.89	110766	28	27					
P/PA 160-30 12.8	[BF8L513]	01.85- 05.89	113470	28	35		04.84- 05.89	110534	24	5.4
		06.86- 02.88	110766	28	27					
P/PA 170-23 13.4	[F8L513]	03.88- 05.89	113470	28	35		06.86- 05.89	110535	24	5.4
		04.88- 07.96	113470	28	35		01.90- 07.96	110534	24	5.4
P/PA 170-25 13.4	[F8L513]						04.88- 07.91	110535	24	5.4
		03.89- 12.93	113470	28	35		03.89- 07.91	110535	24	5.4
P/PA 170-34 12.8	[BF8L513]	04.89- 07.91	113470	28	35		04.89- 07.91	110535	24	5.4
P/PA 180-23 13.4	[F8L513]	01.91- 12.93	112747	28	55					
		01.91- 12.93	113470	28	35		07.91- 07.00	110535	24	5.4
P/PA 180-25 13.4	[F8L513]	01.91- 07.00	112747	28	55					
		01.91- 07.00	113470	28	35		07.91- 07.00	110535	24	5.4
P/PA 180-34 12.8	[BF8L513]	07.91- 07.00	112747	28	55		07.91- 07.00	110535	24	5.4
P/PA 190-25 12.8	[F8L413F]	07.83- 06.86	110766	28	27					
							07.83- 09.90	110535	24	5.4
P/PA 190-30 13.8	[8210.22.175]	04.87- 01.99	111419	28	55					
		04.87- 01.99	111987	28	55		04.87- 01.99	110213	24	6.6
	[8210.22.210]	Eng. -461334	09.87- 09.97	111419	28	55				
		Eng. 461335-	09.87- 09.97	111987	28	55				
		Eng. 461335-	04.87- 12.90	111419	28	55				
		Eng. 461335-	04.87- 12.90	111987	28	55				
		Eng. 461335-	04.87- 12.90	112097	28	30				
	[8210.22.236]	Eng. -461334	09.87- 09.97	111419	28	55				
		Eng. 461335-	09.87- 09.97	111987	28	55				
		Eng. 461335-	04.87- 12.90	111419	28	55				
Eng. 461335-		04.87- 12.90	111987	28	55					
Eng. 461335-		04.87- 12.90	112097	28	30					



Application list

IVECO Continued

	[8210.22.511]	Eng. -461334 09.87- 09.97	111419	28 55				
		Eng. 461335- 09.87- 09.97	111987	28 55		09.87- 09.97	110213	24 6.6
	[8210.22.521]	Eng. -461334 09.87- 09.97	111419	28 55				
		Eng. 461335- 09.87- 09.97	111987	28 55		01.87- 09.97	110213	24 6.6
	[8210.22.523]	Eng. -461334 08.87- 09.97	111419	28 55				
		Eng. 461335- 09.87- 09.97	111987	28 55		09.87- 09.97	110213	24 6.6
	[8210.22.525]	Eng. -461334 09.87- 09.97	111419	28 55				
		Eng. 461335- 09.87- 09.97	111987	28 55		09.87- 09.97	110213	24 6.6
	[8210.22.535]	Eng. -461334 09.87- 09.97	111419	28 55				
		Eng. 461335- 09.87- 09.97	111987	28 55		09.87- 09.97	110213	24 6.6
	[8210.22.537]	Eng. -461334 09.87- 09.97	111419	28 55				
		Eng. 461335- 09.87- 09.97	111987	28 55		09.87- 09.97	110213	24 6.6
P/PA 190-32 16.0	[F10L413F]		01.83- 12.85	110766	28 27	01.83- 12.85	110534	24 5.4
P/PA 260-25 12.8	[F8L413F]		07.83- 06.86	110766	28 27	07.83- 06.86	110535	24 5.4
						12.79- 06.86	110534	24 5.4
P/PA 260-25 13.4	[F8L513]		04.89- 12.99	113470	28 35	04.89- 12.99	110535	24 5.4
P/PA 260-30 12.8	[BF8L513]		06.86- 02.88	110766	28 27			
			06.86- 05.90	112747	28 55	06.86- 05.90	110535	24 5.4
			03.88- 12.89	113470	28 35			
P/PA 260-32 16.0	[F10L413F]		01.83- 12.85	110766	28 27	01.83- 12.85	110534	24 5.4
P/PA 260-34 12.8	[BF8L513]		04.89- 12.99	113470	28 35	04.89- 12.99	110535	24 5.4
P/PA 300-30 12.8	[BF8L513]		04.87- 05.89	112747	28 55	04.87- 05.89	110535	24 5.4
P/PA 330-30 12.8	[BF8L513]		05.86- 02.88	110766	28 27			
			03.88- 12.89	113470	28 35	05.86- 09.90	110535	24 5.4
P/PA 330-30 13.8	[8210.22X.069]					10.87- 12.95	110212	24 6.6
	[8210.22X.235]		02.90- 12.92	111419	28 55	06.84- 12.92	110212	24 6.6
			01.91- 12.92	111987	28 55			
			01.91- 12.92	112097	28 30			
	[8210.22X.523]		02.90- 12.92	111419	28 55	06.84- 12.92	110212	24 6.6
	[8210.22X.575]					10.87- 12.95	110212	24 6.6
P/PA 330-36 13.8	[8210.42.210]		01.89- 10.90	111987	28 55			
			10.91- 12.99	111419	28 55	10.91- 12.99	110213	24 6.6
	[8210.42.235]		01.89- 10.90	111987	28 55			
			10.91- 12.99	111419	28 55	10.91- 12.99	110213	24 6.6
	[8210.42.237]		01.89- 10.90	111987	28 55			
			10.91- 12.99	111419	28 55	10.91- 12.99	110213	24 6.6
	[8210.42.269]		01.89- 10.90	111987	28 55			
			10.91- 12.99	111419	28 55	10.91- 12.99	110213	24 6.6
	[8210.42.270]		01.89- 10.90	111987	28 55			
			10.91- 12.99	111419	28 55	10.91- 12.99	110213	24 6.6
	[8210.42.271]		01.89- 10.90	111987	28 55			
			10.91- 12.99	111419	28 55	10.91- 12.99	110213	24 6.6
P/PA 340-34 12.8	[BF8L513]		03.89- 12.98	113470	28 35	03.89- 12.98	110535	24 5.4
PRO 400 8.7	(Crossway)		01.16-	112076	28 80	01.16-	115880	24 4.5
			01.16-	111842	28 140	01.16-	112822	24 4.5
Urbanway 12m 8.7	(Urbanway)		05.13-	112076	28 80	05.13-	115880	24 4.5
			05.13-	111842	28 140	05.13-	112822	24 4.5
Urbanway 12m CNG 7.8	(Urbanway)		05.13-	112076	28 80	05.13-	115880	24 4.5
			05.13-	111842	28 140	05.13-	112822	24 4.5
Urbanway 18m 8.7	(Urbanway)		05.13-	112076	28 80	05.13-	115880	24 4.5
			05.13-	111842	28 140	05.13-	112822	24 4.5
Urbanway 18m CNG 7.8	(Urbanway)		05.13-	112076	28 80	05.13-	115880	24 4.5
			05.13-	111842	28 140	05.13-	112822	24 4.5
Various Models						11.74- 05.79	110521	24 4.0
						09.72- 12.79	110519	12 3.0
						03.77- 07.82	110518	24 4.0
						11.74- 05.79	110517	24 3.2
						01.71- 10.82	110213	24 6.6
						07.86-	113464	24 4.0
							110523	24 4.8
MARINE								
8041 3.9	[8041SRM15.10]					01.90- 12.00	110813	12 2.7
8141 2.4	[8141SRM1300]					09.91- 12.01	110813	12 2.7
8210 13.9	[8210M22.10]		09.86- 12.00	112097	28 30	01.90-	110532	24 6.6
			12.88- 12.00	111419	28 55			
8281 17.0	[8281M32.10]		01.90-	111419	28 55	01.90-	110532	24 6.6
8282 17.0	[8282.02... 22..]		01.92-	111419	28 55	01.92-	110532	24 6.6
8361 8.0	[8361.25.540..]					01.92- 12.02	110522	12 3.0
8361 8.1	[8361M16.10]					01.90- 12.00	110522	12 3.0
8460 9.5	[5460.41.970]		10.89-	111419	28 55	10.89-	110582	24 5.4
Various Models			05.89- 12.00	111419	28 55		113453	24 6.5
			03.90- 12.00	111686	14 65			
			06.83- 02.90	112097	28 30			
INDUSTRY								
Engine 6.7	[F4GE9684G]		01.06-	115608	14 120			
MOTOR								
8040 3.9	[8040.25.900]					06.87- 12.99	110813	12 2.7
8041 3.7	[8041.04..]					07.83- 12.84	110517	24 3.2
						07.83- 12.84	110813	12 2.7
8041 3.9	[8041.05..]					10.89- 12.89	110517	24 3.2
						06.86- 09.88	110521	24 4.0
						06.86- 09.88	110529	12 3.0
						06.87- 12.89	110813	12 2.7
8051 4.9	[8051.05..]					01.84-	110521	24 4.0
						01.84-	110529	12 3.0
8061 5.5	[8061.04..]					06.83- 09.86	110521	24 4.0
						06.83- 09.86	110529	12 3.0
8061 5.9	[8061..]		01.86-	111419	28 55	01.86- 12.00	110529	12 3.0
						01.86- 12.00	110813	12 2.7
8141 2.4	[8141..]		01.90- 08.93	110882	14 45	01.90-	110814	12 2.7
8210 13.0	[8210.22.170]		06.83- 12.89	112097	28 30	01.90-	110532	24 6.6
8210 13.8	[8210..]		03.85- 12.89	112097	28 30	03.85-	110532	24 6.6
8215 13.8	[8215.22.545]					01.87-	110347	24 7.5
8217 13.8	[8217.32.036]					01.91-	110532	24 6.6
8262 12.9	[8262.43.001]					01.90-	110347	24 7.5
8281 17.0	[8281.22... 42..]					03.90-	110532	24 6.6



8281 17.2	[8281.02.., 22..]	06.83- 06.83- 10.86	111419 112097	28 55 28 30	06.83-	110532	24 6.6
8361 8.1	[8361.25..]	06.83- 06.83-	111419 111686	28 55 14 65	06.83- 12.85	110522	12 3.0
	[8361SI10.00]				01.90- 12.00	110522	12 3.0
8460 9.5	[8460SI..]				10.89-	110582	24 5.4
Jacobsen							
AGRICULTURE							
Lawn Mower	[VM Motori]					114055	12 2.3
Jaguar							
PASSENGER CARS EU							
S-type 2.5 V6	[JB]	04.02-	115789	14 120	04.02- 04.02-	111303 111459	12 0.8 12 1.2
S-type 2.7 Diesel L	[AJD]	06.04-	116056	14 150			
S-type 3.0 V6	[AJ-V6]	01.99-	115789	14 120			
	[FB]	01.99-	115789	14 120			
XF 2.7 Diesel	[AJD]	03.08-	115720	14 150			
XF 3.0 Diesel	[306DT]	03.09-	115720	14 150			
	[AJV6D]	03.09-	115720	14 150			
XF Sportbrake 3.0 Diesel	[306DT]	09.12-	115720	14 150			
	[AJV6D]	09.12-	115720	14 150			
XJ 3.0 Diesel	[AJV6D]	10.09-	115720	14 150			
XJ 6 2.7 Diesel	[AJD]	10.05-	116056	14 150			
XJ 6 2.9	[AJ6]				10.86- 08.90	113745	12 1.4
XJ 6 3.2 24V	[9BPMNA]				09.90- 11.94	113745	12 1.4
XJ 6 3.6	[AJ6]				10.86- 08.89	113745	12 1.4
	[AJ6.4]				10.86- 08.89	113745	12 1.4
XJ 6 4.0	[9EPCNA]				09.89- 11.94	113745	12 1.4
XJ 8 4.0	[BC]	07.97- 05.03	115748	14 120			
XJ R 4.0	[DC]	07.97- 05.03	115748	14 120			
XJ S 3.6	[AJ6]				10.86- 12.89	113745	12 1.4
XJ S 4.0	[9EPCNA]				05.91- 09.94	113745	12 1.4
XJ S 5.3	[V12]				01.87- 05.92	113171	12 2.0
XJ SC 3.6	[AJ6]				10.86- 12.88	113745	12 1.4
XJ SC 4.0	[9EPCNA]				05.91- 09.94	113745	12 1.4
XK 4.0	[EC]	05.98- 05.07	115748	14 120			
XK 8 4.0	[AJ27]	03.96-	115748	14 120			
	[CC]	03.96-	115748	14 120			
	[CE]	03.96-	115748	14 120			
	[EC]	02.98-	115748	14 120			
X-type 2.0 V6	[YB]	03.02- 10.05	115788	14 120	03.02- 10.05	111374	12 1.5
	[YB (AJ-V6)]	11.03-	115788	14 120	11.03-	111374	12 1.5
X-type 2.0 Diesel	[FMBA]	07.03- 10.05	113709	14 115	07.03- 11.09	115870	12 2.1 A49
					07.03- 10.05	112821	12 2.2
	[FMBB]	07.03- 10.05	113709	14 115	07.03- 11.09	115870	12 2.1 A49
					07.03- 10.05	112821	12 2.2
	[R4-X404]	07.03- 11.09	113709	14 115	07.03- 11.09	115870	12 2.1 A49
					07.03- 11.09	112821	12 2.2
X-Type 2.2 Diesel	[LJ46G]	10.05-	113709	14 115	10.05-	115870	12 2.1 A49
					10.05-	112821	12 2.2
X-type 2.5 V6	[XB]	06.01- 06.01-	115787 115788	14 120 14 120	06.01-	111374	12 1.5
X-type 3.0 V6	[AJ-V6]	06.01- 06.01-	115787 115788	14 120 14 120	06.01-	111374	12 1.5
JCB							
AGRICULTURE							
Excavators	[Isuzu 6BG1]					114483	24 4.5
Various Models			115970	14 55		114320	12 3.0
			114772	14 95		115391	12 4.2
			115780	28 40		114264	12 4.2
INDUSTRI							
3	[BMC 384/4]				01.71- 01.80	111573	12 2.8
	[BMC 4/65]				01.71- 01.80	111573	12 2.8
8	[Perkins 6-354]				OE 01.69-	114387	12 3.2 IS
					01.69-	114388	12 3.2 IS
					01.69- 01.74	110460	12 2.8
					01.85- 01.90	113654	12 3.0 MA
					01.85- 01.90	113655	12 3.0 MA
					01.69-	116307	12 3.2 IS
					01.69-	116308	12 3.2 IS
110	[Perkins 4-243]				01.70- 01.81	110460	12 2.8
407 Diesel		01.93-	114360	14 70			
411 Loader			115742	14 100			
420 Loader					01.82- 01.91	110615	12 2.8
430 Loader					01.83-	110615	12 2.8
530 Backhoe			115742	14 100			
580 Loader			115742	14 100			
2B					01.69- 01.70	111573	12 2.8
2CX Diesel Backhoe Loader		01.92- 01.92-	114081 114360	14 95 14 70			
2D	[BMC 384/4]				01.72- 01.80	111573	12 2.8
	[BMC 4/65]				01.71- 01.80	111573	12 2.8
3CX Diesel Backhoe Loader		01.85- 01.85-	114081 114360	14 95 14 70			
403 406 2008 L3			115970	14 55			
4CX Loader					01.91-	110615	12 2.8
4D	[BMC 384/4]				01.72- 01.80	111573	12 2.8
	[BMC 4/65]				01.71- 01.80	111573	12 2.8
5C					01.70- 01.71	110460	12 2.8
6C					01.70- 01.71	110460	12 2.8
7B					01.69- 01.71	110460	12 2.8
7C					01.69- 01.71	110460	12 2.8
JS130NL/NLC 4.4			115899	28 55			
JS210LC 4.8			115899	28 55			
JS220			115899	28 55			
JS235			115899	28 55			
Mini Digger					01.99-	110552	12 1.2

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

JCB Continued

NA TC TCA, 4.4		115899	28	55					
NA,TC,TCA 4.4		115899	28	55					
TC,TCA 4.4		115899	28	55					
TCA 4.8		115899	28	55					
TCAE 4.4		115899	28	55					
TCAE 4.8		115899	28	55					
Various Models	[Isuzu 4HK1/ 4HK1T]						114659	24 5.0	
	[Isuzu 6BG1]						114483	24 4.5	
	01.85-	115436	14	50					
	01.85-	115814	28	50		01.85-	115325	24 2.5	
	01.87-	113763	14	85			112534	12 2.0	
							01.85-	113181	12 2.3
							01.85-	114264	12 4.2
							110615	12 2.8	

Jeep

PASSENGER CARS EU

Cherokee 2.4	[ED1]	09.01-	115935	14	130			
Cherokee 2.5 i	[EPE]	12.91- 01.98	111193	14	90	12.91- 05.94	111490	12 1.4
						06.94- 11.96	112301	12 1.2
	[HX]	12.91-	111193	14	90	06.94- 11.96	112301	12 1.2
						12.91- 05.94	111490	12 1.4
Cherokee 2.5 TD	[EPE]	10.95-	114243	14	130	09.94- 08.96	112454	12 2.2
		10.95-	114828	14	90			
Cherokee 2.5 CRD	[R425 (DOHC)]	09.01-	114377	14	110	09.01-	114279	12 2.2
		09.01-	114405	14	110	09.01-	115573	12 2.2
		11.02-	114377	14	110	11.02-	114279	12 2.2
Cherokee 2.8 CRD	[ENR]	05.08-	115701	14	220			
	[ENS]	08.03-	113607	14	136			
Cherokee 3.7 V6	[ERH]	01.87- 01.91	110986	14	100/105	01.88-	111349	12 1.2
Cherokee 4.0 i		01.91-	111193	14	90 ▲			
		02.99-	113358	14	117			
		12.91-	111193	14	90	12.91-	111349	12 1.2
	[MX]	01.83- 01.86	110508	14	78			
CJ5 - CJ8 2.5		01.81- 01.86	110505	14	75			
		01.80- 12.87	110504	14	90			
		01.81- 01.82	110233	14	63			
		04.06-	114042	14	180 A49	04.06-	114878	12 2.2
Commander 3.0 CRD	[EXL]	04.06-	116113	14	180	04.06-	115420	12 1.7
Compass 2.0	[ECN]	05.11-	115925	14	115			
Compass 2.4	[ERZ]	09.06-	115925	14	115			
Grand Cherokee 2.5 TD	[M51]	10.95- 04.99	114828	14	90	10.95- 08.96	112454	12 2.2
						08.96- 04.99	114233	12 2.2
		10.95- 04.99	114828	14	90	10.95- 08.96	112454	12 2.2
					08.96- 04.99	114233	12 2.2	
Grand Cherokee 2.7 CRD 4x4	[ENF]	10.01-	114210	14	120	10.01-	114237	12 2.2
Grand Cherokee 3.0 CRD V6 4x4	[EXF]					02.11-	116082	12 1.7
Grand Cherokee 3.0 CRD	[EXL]					05.06-	114878	12 2.2
Grand Cherokee 3.0 TD V6 4x4						04.14-	116082	12 1.7
Grand Cherokee 3.0 V6 CRD	[EXF]					02.11-	116082	12 1.7
Grand Cherokee 3.1	[EXA]	04.99-	114243	14	130	04.99-	114274	12 2.3
Grand Cherokee 4.0	[ERH]					04.99-	111349	12 1.2
						10.98- 09.04	111349	12 1.2
Grand Cherokee 4.0 AWD	[ERH]	09.92- 04.99	111193	14	90	09.91-	111349	12 1.2
Grand Cherokee 4.0 i	[MX]	09.91-	111193	14	90	09.91-	111349	12 1.2
	[S01]	10.95- 01.98	111193	14	90	10.95-	111349	12 1.2
Grand Cherokee 4.7 V8	[EVA]					08.00-	113618	12 1.6
Grand Cherokee 5.2	[Y01]	10.95- 01.98	111193	14	90			
Grand Cherokee 5.2 AWD	[ELF]	01.98- 04.99	111193	14	90			
Grand Cherokee 5.2 i	[Y]	01.92- 01.99	111193	14	90			
Grand Wagoneer						01.81-	110231	12
Patriot 2.0	[ECN]	01.11-	115925	14	115			
Patriot 2.0 TD	[ECD]	02.07-	113884	14	150	02.07-	114217	12 2.0
	[ECE]	02.07-	113884	14	150	02.07-	114217	12 2.0
Patriot 2.4	[ED3]	01.08-	115925	14	115			
Patriot 2.4 ECO+	[ED3]	07.08-	115925	14	115			
Renegade 1.6 CRD	[EJK]	07.14-	116094	14	120	07.14-	115399	12 1.4
Renegade 2.0 CRD 4x4	[EBT]	07.14-	116094	14	120	07.14-	115717	12 1.7
						Eng. 350 01.68- 01.70	112897	12 1.7
Various Models						01.86-	112541	12 2.2
							111490	12 1.4
						4.2 01.87-	111349	12 1.2
						Eng. 232, 258 01.65- 01.77	110509	12 1.4
						01.81-	110414	12
					01.81- 01.83	110231	12	
Wrangler 2.4	[ED1]	11.02-	115935	14	130			
Wrangler 2.5	[4L]	01.86- 01.91	110508	14	78	01.88- 12.91	111490	12 1.4
		01.91- 12.91	111193	14	90			
	[EPE]	12.91-	111193	14	90	06.94-	112301	12 1.2
						12.91- 05.94	111490	12 1.4
	[P00]	08.96- 01.98	111193	14	90	08.96-	112301	12 1.2
Wrangler 2.8 CRD	[ENS]	04.07-	115701	14	220			
Wrangler 4.0	[6L]	12.91-	111193	14	90	12.91-	111349	12 1.2
	[ERH]					01.97- 12.02	111349	12 1.2
	[S01]	08.96- 01.98	111193	14	90	08.96-	111349	12 1.2
Wrangler 4.2	[6L<C2V>]	01.86- 01.89	110508	14	78			
Jenbacher Werke								
MISCELLANEOUS								
Various Models						08.83-	112039	12 2.7
						01.92-	112555	12 3.1
John Deere								
AGRICULTURE								
482 Cotton Pickers						01.80- 01.83	111221	12 2.5
484 Cotton Pickers						01.80- 01.83	111221	12 2.5
985 7.6						03.87- 03.02	111224	12 4.0
1032 4.0		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12 3.0
1042 4.0		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12 3.0
1052 4.0		10.83- 06.89	110105	14	55	10.92- 10.98	111755	12 3.0



1055 5.9		10.83- 06.89	110105	14	55		10.92- 10.98	111755	12	3.0	
1065 5.9		03.94-	113531	14	120						
		03.94-	113632	14	85						
		03.94-	111215	14	120						
1068 5.9		03.94-	113531	14	120		01.92- 10.96	111755	12	3.0	
		03.94-	113632	14	85						
		03.94-	111215	14	120						
1072 5.9		03.94-	113531	14	120						
		03.94-	113632	14	85						
		03.94-	111215	14	120						
1075 5.9		03.94-	113531	14	120		10.81- 12.96	111755	12	3.0	
		03.94-	113632	14	85						
		03.94-	111215	14	120						
1085 7.6		03.94-	113531	14	120		02.82- 02.97	111755	12	3.0	
		03.94-	113632	14	85						
		03.94-	111215	14	120						
1445 Diesel Mower	[Yanmar]							114400	12	1.0	
1545 Diesel Mower	[Yanmar]							114400	12	1.0	
2254							01.85- 01.92	111755	12	3.0	
2256							01.85- 01.92	111755	12	3.0	
2264							01.85- 01.92	111755	12	3.0	
2266							01.85- 01.92	111755	12	3.0	
2305	[Yanmar]							116016	12	1.2	
2320	[Yanmar]							116016	12	1.2	
2450							01.85- 01.92	111755	12	3.0	
2550 3.9							01.83- 12.86	116379*	12	3.2	
2630							01.74- 01.75	111221	12	2.5	
2640							01.76- 01.82	111221	12	2.5	
2650							01.85- 01.92	111755	12	3.0	
2850							01.85- 01.92	111755	12	3.0	
3120			113742	14	40						
3320			113742	14	40						
3520			113742	14	40						
3650							01.85- 01.92	111755	12	3.0	
4045 4.5 A400			115849	28	55						
4055 7.6	[6076 TRW-06]	01.89- 06.92	111215	14	120						
4120	[4024T]							113900	12	2.2	
4200			113742	14	40						
4210			113742	14	40						
4255 7.6	[6076 TRW..]	01.89- 06.92	111215	14	120						
4300			113742	14	40						
4310			113742	14	40						
4320	[4024T]							113900	12	2.2	
4400			113742	14	40						
4410			113742	14	40						
4450 7.6		05.83- 12.88	110445	14	90		05.83- 12.88	111224	12	4.0	
4455	[6076 TRW..]	01.89- 06.92	110445	14	90		01.89- 06.92	111224	12	4.0	
4500			113742	14	40						
4510			113742	14	40						
4520	[4024T]							113900	12	2.2	
4600			113742	14	40						
4610			113742	14	40						
4700			113742	14	40						
4710			113742	14	40						
4720	[4024T]							113900	12	2.2	
4755 7.6	[6076 TRW..]	01.89- 05.94	111215	14	120						
4955 7.6	[6076 A]	09.89- 01.92	111215	14	120						
5210								113478	12	2.8	
								116379*	12	3.2	
5225								113900	12	2.2	
5300 2.9	[3029DF150]						01.96- 12.00	116379*	12	3.2	
5310								113478	12	2.8	
								116379*	12	3.2	
5325								113900	12	2.2	
5410								113478	12	2.8	
								116379*	12	3.2	
5500 3.9	[4039T]						01.96- 12.00	116379*	12	3.2	
6020		01.94-	116129	14	90	A49					
		01.94-	112529	14	90						
6100 4.5			113632	14	85						
6110 4.5		01.97-	112062	14	115						
6120 4.5		01.94-	112529	14	90						
		01.02-	116129	14	90	A49					
		01.94-	113949	14	150						
6200 3.9			113632	14	85						
6205							01.94-	116130	12	3.1	A49
							01.94-	115609	12	3.0	GR
							01.94-	112442	12	3.0	DD
6220 3.9		01.02-	116129	14	90	A49					
		01.94-	113949	14	150						
		01.94-	112529	14	90						
6230 4.5			114681	14	90						
6320 3.9		01.02-	116129	14	90	A49	01.94-	113478	12	2.8	
		01.94-	113949	14	150		01.02-	116379*	12	3.2	
		01.94-	112529	14	90						
			112062	14	115						
6330 4.5			114681	14	90						
6420 4.5		01.02-	116129	14	90	A49					
		01.94-	113949	14	150						
		01.94-	112529	14	90						
			112062	14	115						
6430 4.5			114681	14	90						
6505							01.94-	116130	12	3.1	A49
							01.94-	115609	12	3.0	GR
							01.94-	112442	12	3.0	DD

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



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6506						116130	12	3.1	A49		
						115609	12	3.0	GR		
						112442	12	3.0	DD		
6510					01.94-	116130	12	3.1	A49		
					01.94-	115609	12	3.0	GR		
					01.94-	112442	12	3.0	DD		
6520		01.94-	116129	14	90	A49	01.94-	116130	12	3.1	A49
		01.94-	113949	14	150		01.94-	115609	12	3.0	GR
		01.94-	112529	14	90		01.94-	112442	12	3.0	DD
6610							01.94-	116130	12	3.1	A49
							01.94-	115609	12	3.0	GR
							01.94-	112442	12	3.0	DD
6620		01.94-	116129	14	90	A49	01.94-	116130	12	3.1	A49
		01.94-	113949	14	150		01.94-	115609	12	3.0	GR
		01.94-	112529	14	90		01.94-	112442	12	3.0	DD
						112062	14	115			
6810 10.0							08.91-	116130	12	3.1	A49
							08.91-	115609	12	3.0	GR
							08.91-	112442	12	3.0	DD
6820		01.94-	116129	14	90	A49	01.94-	116130	12	3.1	A49
		01.94-	113949	14	150		01.94-	115609	12	3.0	GR
		01.94-	112529	14	90		01.94-	112442	12	3.0	DD
6910		01.97-	112062	14	115		01.94-	116130	12	3.1	A49
							01.94-	115609	12	3.0	GR
							01.94-	112442	12	3.0	DD
6920		01.94-	116129	14	90	A49	01.94-	116130	12	3.1	A49
		01.94-	113949	14	150		01.94-	115609	12	3.0	GR
		01.94-	112529	14	90		01.94-	112442	12	3.0	DD
						112062	14	115			
7130			114681	14	90			114275	12	4.0	
7230			114681	14	90			114275	12	4.0	
7430		09.06-	113707	14	200						
7530		09.06-	113707	14	200						
7710		01.96-	111830	14	140						
7800 7.6		09.92- 01.96	111830	14	140						
7810		01.96-	111830	14	140						
8120 7.6	[6076 HRW35]	01.01-	113899	14	150						
		08.94-	111830	14	140						
8120 8.1	[6081 HRW06]	03.96-	111830	14	140						
8220 7.6	[6076 HRW35]	01.01-	113899	14	150						
		08.94-	111830	14	140						
8320		01.01-	113899	14	150						
8420		01.01-	113899	14	150						
8520		01.01-	113899	14	150						
9630			114211	14	200						
9910 Cotton Pickers							01.79- 01.83	111221	12	2.5	
9920 Cotton Pickers							01.83- 01.83	111221	12	2.5	
100F 3.0 Diesel Orchard	[VM Motori]							114055	12	2.3	
1023E	[3TNM72]							116016	12	1.2	
1025R	[3TNV76]							116016	12	1.2	
1026R	[3TNV76]							116016	12	1.2	
2025R	[3TNV76]							116016	12	1.2	
5045D								116446*	12	2.5	
5105M 4.5							10.09-	116379*	12	3.2	
5320 5320N 5400 5400N, RE46043			115462	14	60						
6100D								115314	12	2.5	
6125D								115314	12	2.5	
6140D								115314	12	2.5	
6420 S 4.5		01.94-	116129	14	90	A49					
		01.94-	113949	14	150						
		01.94-	112529	14	90						
						112062	14	115			
7290R 772D, 772G, 770D 9.0		01.14-	115845	28	100						
7310R 770D 770G 772D 772G 9.0		05.11-	115845	28	100						
76F 2.7 Diesel Orchard	[VM Motori]							114055	12	2.3	
85F 2.7 Diesel Orchard	[VM Motori]							114055	12	2.3	
F525								116149	12	0.7	
F710							01.91-	116149	12	0.7	
GS75 Walk-Behind Mowers								116149	12	0.7	
GT225	[Kohler]							112546	12	0.6	
GT262 GT 265	[Kawasaki]						01.95-	116149	12	0.7	
HD75 Walk-Behind Mowers							01.97- 01.03	116149	12	0.7	
L105	[Briggs & Stratton]							113853	12	0.5	
LX173	[Kohler]						01.96- 01.96	112546	12	0.6	
LX186								116149	12	0.7	
LX255	[Kohler]							112546	12	0.6	
STX30	[Kohler]						01.89- 01.93	112546	12	0.6	
STX38	[Kohler]						01.89- 01.93	112546	12	0.6	



Various Models		113975	14	150		115817	12	
			115812	14	130	116446*	12 2.5	
			115780	28	40	116149	12 0.7	
			115463	14	20	115802	24 3.2	
			114735	14	150	114222	24 7.5	
		01.99- 01.03	113542	14	55	115821	24 8.0	
		01.88- 01.95	112996	14	115	114712	24 7.5	
		01.99- 01.03	113543	14	55	110510	12 0.5	
		01.92- 01.98	113531	14	120	111087	12 1.0	
		01.94- 01.98	113401	14	40	110552	12 1.2	
			114518	14	55	112246	12 0.6	
			114379	14	150	111254	24 4.5	
		01.98-	112160	28	75	114459	12 4.8	
			114263	14	50			
		09.79- 10.86	110105	14	55	01.89- 01.96	113017	12
		01.81- 01.97	113632	14	85	114277	24 7.5	
			111215	14	120	114195	12 3.0	
		01.88- 01.95	111713	14	105	114197	12 1.1	
		03.71- 03.88	111649	14	33	113853	12 0.5	
			114211	14	200	09.67- 10.86	111755	12 3.0
							110412	12 2.2
							113663	12 0.7
							113597	12 0.6
							113596	12 0.6
						113539	12	
						113983	12 3.0	
Various Models Tractor		114864	28	100	116149	12 0.7		
					114823	12 0.6		
Various Models	[Kawasaki]				116149	12 0.7		
		115435	14	50	116149	12 0.7		
		115320	14	45	114678	12		
					114674	12 0.6		
					114401	12 1.2		
					114486	12		
					115721	12 4.2		
					116149	12 0.7		
Various Mowers					114888	12		
X300	[Kawasaki]				114888	12		
X300R	[Kawasaki]				114888	12		
X304	[Kawasaki]				114888	12		
X495	[Yanmar 24HP]				116016	12 1.2		
X595	[Yanmar 24HP]				116016	12 1.2		
X740	[Yanmar 24HP]				116016	12 1.2		
X744	[Yanmar 24HP]				116016	12 1.2		
X748	[Yanmar 24HP]				116016	12 1.2		
X749	[Yanmar 24HP]				116016	12 1.2		
X750	[Yanmar 24HP]				116016	12 1.2		
X754	[Yanmar 24HP]				116016	12 1.2		
X758	[Yanmar 24HP]				116016	12 1.2		
X950R	[Yanmar 24HP]				116016	12 1.2		
MARINE								
Various Models					115625	12 2.5		
	[4039DFM]	111575	14	90				
		113531	14	120				
	[4045DFM50]	111843	14	95	114222	24 7.5		
		111888	14	65				
		113531	14	120				
		114864	28	100				
		116023	28	50				
	[4045DFM70]	111843	14	95				
		111888	14	65				
		112170	28	45	114222	24 7.5		
		113531	14	120				
		114864	28	100				
		116023	28	50				
	[4045TFM50]				114222	24 7.5		
	[4045TFM75]				114222	24 7.5		
	[6068AFM75]	114864	28	100	114222	24 7.5		
	[6068DFM]	115605	14	120	114222	24 7.5		
		116023	28	50				
	[6068FM50]	114864	28	100				
		116023	28	50	114222	24 7.5		
	[6068SFM50]				114222	24 7.5		
	[6068TFM50]				114222	24 7.5		
	[6068TFM75]				114222	24 7.5		
	[6081AFM01]				114222	24 7.5		
	[6081AFM75]				114222	24 7.5		
	[6125AFM01]				01.04-	115821	24 8.0	
	[6125AFM75]				01.04-	115821	24 8.0	
	[6125SFM75]				01.04-	115821	24 8.0	
		111575	14	90				
		113531	14	120				
INDUSTRI								
260					01.88-	116149	12 0.7	
317 Skid Steer Loaders	[4024T]					113900	12 2.2	
320 Skid Steer Loaders	[4024T]					113900	12 2.2	
325 Skid Steer Loaders	[5030T]					113900	12 2.2	
						116149	12 0.7	
328 Skid Steer Loaders	[5030T]					113900	12 2.2	
332 Skid Steer Loaders	[5030T]					113900	12 2.2	
540		01.93-	112996	14	115			
			112773	14	135			
			113999	14	150 IS			
544		01.88- 01.95	112996	14	115			
			112773	14	135			
			113999	14	150 IS			

STARTERS & ALTERNATORS



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548		01.93-	112996	14	115				
			112773	14	135				
			113999	14	150 IS				
575							116112	12	2.5
640		01.93-	112996	14	115				
			112773	14	135				
			113999	14	150 IS				
648		01.93-	112996	14	115				
			112773	14	135				
			113999	14	150 IS				
675							116112	12	2.5
740		01.93-	112996	14	115				
			112773	14	135				
			113999	14	150 IS				
748		01.93-	112996	14	115				
			112773	14	135				
			113999	14	150 IS				
135C	[Isuzu]						111254	24	4.5
225C	[6BG1T]						114267	24	4.5
244J Loaders	[4024T]						113900	12	2.2
304J Loaders	[4024T]						113900	12	2.2
350C Crawlers						01.75- 01.81	111221	12	2.5
450C Crawlers						01.74- 01.81	111221	12	2.5
675B							116112	12	2.5
75D	[4LE2X]						115802	24	3.2
770G			115845	28	100				
853G 8.3	[6CTA]	01.98-	112160	28	75				
85D	[4LE2X]						115802	24	3.2
Various Models		12.97-	111649	14	33		116149	12	0.7
			114679	14	35		114222	24	7.5
							115821	24	8.0
							114712	24	7.5
							114195	12	3.0
							113983	12	3.0
						10.66- 02.92	111755	12	3.0
							114260	12	1.4
MOTORS									
3029			115321	14	60				
4039							115314	12	2.5
4045							115314	12	2.5
6329D							111221	12	2.5
Various Models			115605	14	120		115625	12	2.5
MISCELLANEOUS									
Gator TX							115817	12	
Johnson									
MARINE									
20CR						01.97-	111043	12	0.6
20E						01.85- 01.95	111043	12	0.6
20EL						01.85- 01.95	111043	12	0.6
25E						01.81- 01.00	111043	12	0.6
25EL						01.81- 01.97	111043	12	0.6
25TE						01.80- 01.00	111043	12	0.6
25TEL						01.80- 01.00	111043	12	0.6
28ESL						01.87- 01.96	111043	12	0.6
30E						01.84- 01.00	111043	12	0.6
30EL						01.84- 01.00	111043	12	0.6
30TE						01.85- 01.97	111043	12	0.6
30TEL						01.85- 01.97	111043	12	0.6
35E						01.80- 01.84	111043	12	0.6
35EL						01.80- 01.84	111043	12	0.6
35TEL						01.83- 01.84	111043	12	0.6
40E EL						01.89- 01.97	110647	12	0.6
40TE TEL						01.89- 01.98	110647	12	0.6
40TL						01.89- 01.98	110647	12	0.6
40TPL						01.99- 01.00	110647	12	0.6
40TTL						01.89- 01.98	110647	12	0.6
48ESL						01.87- 01.96	110647	12	0.6
50BE BEL						01.89- 01.95	110647	12	0.6
50DTL						01.95- 01.98	110647	12	0.6
50EL						01.95- 01.00	110647	12	0.6
50ESL						01.97- 01.98	110647	12	0.6
50PL						01.99- 01.00	110647	12	0.6
50TEL						01.89- 01.95	110647	12	0.6
50TL						01.89- 01.95	110647	12	0.6
50TSL						01.98- 01.98	110647	12	0.6
50TTL						01.95- 01.98	110647	12	0.6
Various Models							112244	12	
						01.91-	112157	12	
						01.70- 01.88	110647	12	0.6
						01.73-	110644	12	0.6
						01.69- 01.97	110240	12	0.6
						01.86- 01.00	112145	12	0.5
Johnston									
INDUSTRI									
Road Sweeper 3.0			116361	14	105				
Kaelble									
MISCELLANEOUS									
Various Models						01.69- 12.70	110409	12	3.0
Kamaz									
TRUCKS EU									
4326 10.9	[740.31]						114702	24	4.0
6540 10.9	[740.13]						114702	24	4.0
	[740.30]						114702	24	4.0
43114 10.9	[740.13]						114702	24	4.0
	[740.31]						114702	24	4.0
43118 10.9	[740.13]						114702	24	4.0
43255 10.9	[740.31]						114702	24	4.0



43261 10.9	[740.11]					114702	24	4.0	
	[740.31]					114702	24	4.0	
44108 10.9	[740.13]					114702	24	4.0	
	[740.30]					114702	24	4.0	
45141 10.9	[740.13]					114702	24	4.0	
	[740.30]					114702	24	4.0	
53205 10.9	[740.11]					114702	24	4.0	
	[740.31]					114702	24	4.0	
53215 10.9	[740.11]					114702	24	4.0	
	[740.31]					114702	24	4.0	
53228 10.9	[740.31]					114702	24	4.0	
53229 10.9	[740.31]					114702	24	4.0	
53605 10.9	[740.30]					114702	24	4.0	
	[740.31]					114702	24	4.0	
54115 10.9	[740.11]					114702	24	4.0	
	[740.31]					114702	24	4.0	
55111 10.9	[740.11]					114702	24	4.0	
	[740.31]					114702	24	4.0	
65111 10.9	[740.13]					114702	24	4.0	
65115 10.9	[740.13]					114702	24	4.0	
	[740.30]					114702	24	4.0	
65116 10.9	[740.30]					114702	24	4.0	
65117 10.9	[740.13]					114702	24	4.0	
	[740.30]					114702	24	4.0	
Kawasaki									
MOTOR BIKES									
Various Models						112010	12		
MARINE									
Various Models						112010	12		
						113663	12	0.7	
						113597	12	0.6	
						113596	12	0.6	
				01.76- 01.95		111840	12	0.6	
						113593	12		
INDUSTRI									
Various Models 0.6						114486	12		
						116149	12	0.7	
MOTORS									
FC540V						116149	12	0.7	
FH381V						114888	12		
FH430V						114888	12		
FH480V						114888	12		
MISCELLANEOUS									
KAF950 Mule						115755	12	1.2	
Mule 600 610						115817	12		
KHD									
TRUCKS EU									
Various Models		01.71- 12.74	110766	28	27	10.98-	110536	12	2.7
						01.64-	110531	24	6.6
						07.73-	112651	24	4.8
							116139	12	3.0 A49
						06.71-	112534	12	2.0
							116320*	12	2.7 Bosch 11 teeth
							114676	12	2.2
						01.73- 12.75	113464	24	4.0
						01.63- 12.75	112039	12	2.7
							116312	12	2.7 BO
AGRICULTURE									
Engine 2,8 Diesel 4L1011						01.95-	111855	12	2.2
Engine 2.3 TCD2008 TCD 2009			115849	28	55				
			115436	14	50				
Various Models			115309	28	35				
			115971	14	55		114676	12	2.2
							115355	24	5.4
MARINE									
	[BF4M2012]		114783	14	95				
			115381	28	80				
INDUSTRI									
2008 L3 L4 2009 L3			115971	14	55				
Various Models		01.89-	112183	14	60		114320	12	3.0
			114110	28	80		110523	24	4.8
							114676	12	2.2
			114289	14	45				
			115436	14	50				
MOTORS									
Engine 0.4	[F1L208]						113981	12	1.5
Engine 0.6 Diesel	[F1L410]					01.67- 06.73	111004	12	2.4
Engine 0.9	[F2L208]						113981	12	1.5
Engine 1.3 Diesel	[F2L410]					01.67- 06.73	111004	12	2.4
Engine 1.4 Diesel	[F2L1011]					01.95-	111855	12	2.2
						06.89- 12.94	112041	12	2.2
						06.89-	113980	24	4.0
						06.89-	116128	12	3.2 A49
	[F2L411]					07.73- 12.75	111004	12	2.4
Engine 2.0 Diesel	[F3L1011]	06.89-	112183	14	60	06.89- 12.94	112041	12	2.2
						01.95-	111855	12	2.2
						06.89-	113980	24	4.0
						06.89-	116128	12	3.2 A49
Engine 2.7 Diesel	[BF4L1011]					01.95-	111855	12	2.2
						06.89- 12.94	112041	12	2.2
						06.89-	113980	24	4.0
						06.89-	116128	12	3.2 A49
	[F4L1011]	06.89-	112183	14	60	01.95-	111855	12	2.2
		06.89-	112548	14	60	06.89-	116128	12	3.2 A49
		06.89-	116360*	14	60	06.89- 12.94	112041	12	2.2
						06.89-	113980	24	4.0

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Engine 2.8 Diesel	[F3L912..]				01.92-	112555	12	3.1
Engine 3.8 Diesel	[F4L912]				07.89-	110536	12	2.7
					01.92-	112555	12	3.1
					07.89-	116139	12	3.0 A49
					07.89-	116312	12	2.7 BO
Engine 4.7 Diesel	[F5L912..F]	10.89-	113470	28 35				
Engine 5.7 Diesel	[F6L912]	05.90-	113470	28 35	06.92-	113464	24	4.0
					12.91-	112555	12	3.1
Engine 6.1 Diesel	[F6L913]	01.87-	113470	28 35	06.92-	113464	24	4.0
Engine 8.0 Diesel	[F5L413FR]	08.89-	113470	28 35	04.82- 01.99	112651	24	4.8
Engine 9.6 Diesel	[BF6L513..]	10.87-	112747	28 55	01.73-	112651	24	4.8
	[F6L413]	12.88-	113470	28 35	04.82- 01.99	112651	24	4.8
					04.82-	114438	24	5.4
Engine	[BF4M2012C]		114464	28 55				
			114471	28 80				
	[BF6M2012C]		114464	28 55				
	[FL1011F]		113991	14 80				
			114077	28 40				
	[BF4M2012]		114783	14 95				
MISCELLANEOUS								
Various Models	[F6L413]					113181	12	2.3
Kia								
PASSENGER CARS EU								
Besta 2.2 Diesel	[R2]	02.96-	110706	14 60	02.96-	110389	12	2.0
Bongo 2.9 TDiC					10.03-	114732	12	2.2
Bongo 2.9 TDiC 4x4					10.03-	114732	12	2.2
Carens 1.6	[G4FD]	03.13-	116226	14 110	A25 03.13-	116026	12	1.4
	[GA6D]				03.13-	114443	12	0.9
					07.02-	110808	12	0.85
					07.02-	114885	12	0.9
Carens 1.6 CVVT	[G4FC]	08.09-	114467	14 90	08.09-	114443	12	0.9
Carens 1.6 CRDi 110	[D4FB]	10.10-	114495	14 120	10.10-	113797	12	1.7
Carens 1.7 CRDi	[D4FD-L]	03.13-	116191*	14 130	A25 03.13-	116283	12	1.8
					A25 03.13-	116255	12	1.9
Carens 1.8	[TB]				11.00- 07.02	110808	12	0.85
Carens 2.0	[G4GC]	08.04-	113657	14 90				
	[G4NC]				03.13-	116429*	12	1.2
Carens 2.0 CWT	[G4KA]	09.06-	114827	14 120	09.06-	115758	12	1.2
					09.06-	115569	12	1.2
Carens 2.0 CRDi	[D4EA]	07.02-	113328	14 120	07.02-	113329	12	2.0
		09.06-	115409	14 120				
Carens 2.0 CRDi 115	[D4EA]	05.07-	115409	14 120	05.07-	113329	12	2.0
Carnival 2.2 CRDi	[D4HB]	01.10-	115632	14 150	01.10-	115626	12	2.0
		01.10-	115747*	14 150				
Carnival 2.5 V6	[K5]	10.01-	116096	14 110				
	[KRV6]	08.99- 10.01	116096	14 110				
Carnival 2.9 CRDi	[J3]				10.01-	113327	12	2.2
		AC 10.01-	113331	14 110				
Carnival 2.9 HPDi		AC 10.01-	113331	14 110	10.01-	113327	12	2.2
Carnival 2.9 TD	[J3]	02.02-	113331	14 110	08.99-	113327	12	2.2
		02.99-	112334	14 75				
Carnival 3.5	[G6CU]				07.02-	113020	12	1.2
Cee`d 1.4 CVVT	[G4FA]	09.12-	116192	14 90	04.15-	114892	12	0.9
					09.12-	114443	12	0.9
		A25 09.12-	116226	14 110	A25 11.12-	116026	12	1.4
Cee`d 1.4 CRDi	[D4FC]	04.15-	116191*	14 130	A25 09.12-	115729	12	1.6
					09.12-	113797	12	1.7
					09.12-	116258	12	1.7
Cee`d 1.6 GDi	[G4FD]	09.12-	116192	14 90	04.15-	114892	12	0.9
		A25 09.12-	116226	14 110	A25 04.15-	116026	12	1.4
		A25 04.15-	116403*		09.12-	114443	12	0.9
Cee`d 1.6 CRDi	[D4FB]	07.12-	116191*	14 130	05.12-	116258	12	1.7
					A25 05.12-	116283	12	1.8
					A50 07.12-	115729	12	1.6
					05.12-	113797	12	1.7
					05.12-	115729	12	1.6
					05.12-	116271	12	1.7
		AT 05.12-	116191*	14 130	AT 05.12-	116276	12	1.7
Cee`d 1.6 CRDi 136	[D4FB]				A25 07.15-	116283	12	1.8
					07.15-	116271	12	1.7
Cee`d 1.4	[G4FA]	12.06-	114467	14 90	12.06-	114443	12	0.9
		12.06-	115715	14 90				
		A25 12.06-	115692	14 110				
Cee`d 1.4 CVVT	[G4FA]	05.12-	116192	14 90	05.12-	114443	12	0.9
		A25 05.12-	116226	14 110	A25 08.12-	116026	12	1.4
	[G4FA-L]	06.10-	114467	14 90	06.10-	114443	12	0.9
		05.12-	116192	14 90				
		A25 06.10-	115692	14 110				
		A25 06.10-	115715	14 90				
		A25 05.12-	116226	14 110				
Cee`d 1.4 CRDi 90	[D4FC]	05.12-	116191*	14 130	05.12-	116258	12	1.7
					05.12-	113797	12	1.7
					05.12-	115729	12	1.6
Cee`d 1.6	[G4FC]	12.06-	114467	14 90	12.06-	114443	12	0.9
		09.07-	115715	14 90				
		A25 09.07-	115692	14 110				
		A25 09.07-	115715	14 90				
Cee`d 1.6 GT	[G4FJ]	06.13-	116226	14 110				
Cee`d 1.6 CVVT	[G4FC]	10.10-	114467	14 90	10.10-	114443	12	0.9
		A25 10.10-	115692	14 110				
		A25 10.10-	115715	14 90				
Cee`d 1.6 GDi	[G4FD]	05.12-	116192	14 90	05.12-	114443	12	0.9
		A25 05.12-	116226	14 110	A25 08.12-	116026	12	1.4
Cee`d 1.6 GT	[G4FJ]	A25 06.13-	116226	14 110				



Cee'd 1.6 CRDi	[D4FB]	12.06- 12.12	114495	14	120		12.06- 12.12	113797	12	1.7
							A25 03.13-	116283	12	1.8
							AT 03.13-	116276	12	1.7
							03.13-	116258	12	1.7
							03.13-	116271	12	1.7
	[D4FB-L]	AT 03.13-	116191*	14	130		12.06- 12.12	115729	12	1.6
		12.06-	114495	14	120		12.06-	115729	12	1.6
							12.06-	113797	12	1.7
Cee'd 1.6 CRDi 115	[D4FB]	05.12-	114495	14	120		05.12-	115729	12	1.6
							05.12-	113797	12	1.7
Cee'd 1.6 CRDi 128	[D4FB]	10.10-	115587	14	120		10.10-	113797	12	1.7
							AT 05.12-	116276	12	1.7
							05.12-	116258	12	1.7
		AT 05.12-	116191*	14	130		10.10-	115729	12	1.6
Cee'd 1.6 CRDi 136	[D4FB]						A25 07.15-	116283	12	1.8
							07.15-	116271	12	1.7
Cee'd 1.6 CRDi 90	[D4FB-L]	05.12-	114495	14	120		05.12-	115729	12	1.6
							05.12-	113797	12	1.7
Cee'd 2.0	[G4GC]	12.06-	114857	14	90		12.06-	114820	12	1.2
Cee'd 2.0 CRDi	[D4EA-F]	09.07-	115409	14	120		09.07-	114778	12	2.0
Cerato 1.5 CRDi	[D4FA]	07.05-	114495	14	120		07.05-	113797	12	1.7
Cerato 1.6	[G4ED]	04.04-	113657	14	90		04.04-	113659	12	0.9
Cerato 1.6 CRDi	[D4FB]						06.05-	113797	12	1.7
Cerato 2.0	[G4GC]	04.04-	113657	14	90		04.04-	111307	12	1.2
Cerato 2.0 MPI							06.13-	115758	12	1.2
							06.13-	115569	12	1.2
Cerato 2.0 CRDi	[D4EA]	04.04-	113328	14	120		04.04-	113329	12	2.0
Clarus 1.8 i 16V	[T8]						AT 07.96-	110810	12	1.4
							07.96-	110808	12	0.85
Clarus 2.0 i 16V	[FE]	05.98-	111317	14	80		AT 07.96-	110810	12	1.4
							07.96-	110808	12	0.85
Joice 2.0	[G4CP]	08.99- 09.01	110804	14	90		02.00-	113659	12	0.9
							A13 02.00-	110811	12	1.2
							02.00-	110315	12	0.9
K2500 2.5 Tci	[D4BH]	01.03-	113330	14	75		A13 09.01-	111565	12	2.2
K2700 2.7 Diesel	[J2]	10.99-	114766	14	60		10.99-	114762	12	2.2
		10.99-	115937	14	75					
K5 2.0 CVVT		01.11- 12.15	115603	14	110		01.11- 12.15	115758	12	1.2
Magentis 2.0	[G4JP]	12.00- 05.03	112327	14	100		05.01-	113521	12	1.2
	[G4KA]	11.05-	114827	14	120		11.05-	115758	12	1.2
							11.05-	115569	12	1.2
	[G4KD]						07.09-	115569	12	1.2
							07.09-	115758	12	1.2
Magentis 2.0 CRDi	[D4EA]	11.05- 12.08	115409	14	120		11.05- 12.08	113329	12	2.0
Magentis 2.5 V6	[G6BV]	05.01-	114522	14	95					
Magentis 2.7	[G6EA]						11.05-	115977	12	1.2
Opirus 3.0							09.03-	113020	12	1.2
Optima 1.7 CRDi	[D4FD-L]	03.12-	116191*	14	130		A25 03.12-	116255	12	1.9
							A25 11.15-	116283	12	1.8
							03.12-	115758	12	1.2
Optima Sportswagon 1.7 CRDi	[D4FD-L]						A25 09.16-	116283	12	1.8
Optima Sportswagon 2.0 GDI	[G4KH]						09.16-	115758	12	1.2
Picanto 1.0	[G3LA]						04.15-	114821	12	0.9
		A25 05.11-	116196	14	70					
		09.05-	113791	14	70		02.04-	112322	12	0.8
	[G4HE]	09.05-	115654	14	70					
Picanto 1.0 LPG	[B3LA]	A25 08.13-	116196	14	70					
Picanto 1.0 Bi-Fuel	[B3LA]						05.11-	114821	12	0.9
Picanto 1.1	[G4HG]	A25 05.11-	116196	14	70					
		04.04-	113791	14	70		04.04-	112322	12	0.8
		04.04-	115654	14	70					
Picanto 1.1 CRDi	[D3FA]	11.05-	113863	14	90		11.05-	113797	12	1.7
Picanto 1.2	[G4LA]	09.11-	115980	14	70		09.11-	114821	12	0.9
Pregio 2.5 Tci	[D4BH]	09.02-	113330	14	75		08.01- 08.02	111565	12	2.2
							08.01- 08.02	111476	12	2.0
Pregio 2.7 Diesel	[J2]	10.97-	115937	14	75		10.97-	114762	12	2.2
Pride 1.1 i	[B1]						01.91-	110807	12	0.85
Pride 1.3 GLXi	[B3]						01.90-	110807	12	0.85
Pride 1.3 16V	[B3]						10.96-	110807	12	0.85
Pride 1.3 16V GLXi	[B3]						01.90-	110807	12	0.85
Pride 1.3 i	[B3]						AT 01.90-	114885	12	0.9
							01.90-	110807	12	0.85
Pro 1.4 CVVT	[G4FA]	03.13-	116192	14	90		A25 03.13-	116026	12	1.4
		A25 03.13-	116226	14	110					
Pro 1.4 CRDi	[D4FC]						03.13-	115729	12	1.6
							03.13-	116258	12	1.7
Pro 1.6 GDI	[G4FD]	03.13-	116192	14	90		A25 03.13-	116026	12	1.4
		A25 03.13-	116226	14	110					
Pro 1.6 CRDi	[D4FB]						03.13-	113797	12	1.7
							03.13-	115729	12	1.6
							03.13-	116258	12	1.7
		AT 03.13-	116191*	14	130		AT 03.13-	116276	12	1.7
Pro Cee'd 1.4	[G4FA]	02.08-	114467	14	90		02.08-	114443	12	0.9
		02.08-	115715	14	90					
		A25 02.08-	115692	14	110					
Pro Cee'd 1.4 CVVT	[G4FA-L]	06.10-	114467	14	90		06.10-	114443	12	0.9
		A25 06.10-	115692	14	110					
		A25 06.10-	115715	14	90					
Pro Cee'd 1.6	[G4FC]	02.08-	114467	14	90		02.08-	114443	12	0.9
		02.08-	115715	14	90					
Pro Cee'd 1.6 CVVT	[G4FC]	10.10-	114467	14	90		10.10-	114443	12	0.9
		A25 10.10-	115692	14	110					
		A25 10.10-	115715	14	90					

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Pro Cee'd 1.6 CRDi	[D4FB]	02.08-	114495	14	120		02.08-	113797	12	1.7
							A25 03.13-	116283	12	1.8
							AT 03.13-	116276	12	1.7
							03.13-	116258	12	1.7
							03.13-	116271	12	1.7
						02.08-	115729	12	1.6	
	[D4FB-L]	02.08-	114495	14	120		02.08-	115729	12	1.6
							02.08-	113797	12	1.7
Pro Cee'd 1.6 CRDi 128	[D4FB]	10.10-	115587	14	120		10.10-	115729	12	1.6
							10.10-	113797	12	1.7
Pro Cee'd 1.6 CRDi 136	[D4FB]						A25 07.15-	116283	12	1.8
							07.15-	116271	12	1.7
Pro Cee'd 2.0	[G4GC]	02.08-	114857	14	90		02.08-	114820	12	1.2
Pro Cee'd 2.0 BiFuel LPG	[G4GC]	01.09- 12.09	114857	14	90		01.09- 12.09	114820	12	1.2
Pro Cee'd 2.0 CRDi	[D4EA-F]						02.08-	114778	12	2.0
Retona 2.0 16V	[FE-DI]						05.00-	110808	12	0.85
Retona 2.0 TD	[RF]	06.99-	112506	14	60		06.99-	110389	12	2.0
		06.99-	113903	14	60					
Rio 1.1 CRDi	[D3FA]	09.11-	116191*	14	130		09.11-	115729	12	1.6
Rio 1.2	[G4LA]	09.11-	116214	14	90		09.11-	116260	12	0.9
							09.11-	114760	12	0.8
							09.11-	114821	12	0.9
Rio 1.2 CVVT	[G4LA]	09.11-	116214	14	90		09.11-	116260	12	0.9
							10.11-	114760	12	0.8
Rio 1.2 LPG	[G4LA]	09.11-	116214	14	90		09.11-	116260	12	0.9
							09.11-	114760	12	0.8
Rio 1.3	[A3E]	08.02- 02.05	113656	14	80		08.00- 05.05	110808	12	0.85
							08.02- 02.05	114885	12	0.9
Rio 1.4 16V	[G4EE]	03.05-	113657	14	90		03.05-	113659	12	0.9
Rio 1.4 CVVT	[G4FA]	09.11-	115715	14	90		09.11-	114443	12	0.9
		09.11-	116226	14	110		A25 06.12-	116026	12	1.4
Rio 1.4 CRDi	[D4FC]	09.11-	116191*	14	130		09.11-	116258	12	1.7
							09.11-	113797	12	1.7
							09.11-	115729	12	1.6
Rio 1.5	[A5D]						08.00- 05.05	110808	12	0.85
							09.02- 02.05	114885	12	0.9
Rio 1.5 CRDi	[D4FA]	03.05-	111237	14	70		03.05-	113797	12	1.7
		03.05-	113656	14	80					
		03.05-	114495	14	120					
Rio 1.6	[G4FC]						06.12-	114443	12	0.9
Rio 1.6 16V	[G4ED]	03.05-	113657	14	90		03.05-	113659	12	0.9
		03.05-	115715	14	90					
		03.05-	116226	14	110					
Roadster 1.8	[T8D]	08.99-	111807	14	70					
Sephia 1.5 i 16V	[B5]	02.96-	111237	14	70		02.96-	110808	12	0.85
		02.96- 10.97	111807	14	70					
Sephia 1.6	[B6]	09.93-	111237	14	70		09.93-	110808	12	0.85
		09.93-	111807	14	70					
Sephia 1.6 i	[B6]	01.95-	111237	14	70		01.95-	110808	12	0.85
		01.95-	111807	14	70					
Sephia 1.8 i 16V	[OK24N]	01.98- 12.00	111237	14	70		01.95-	110810	12	1.4
	[OK26Y]	01.95- 10.97	111237	14	70		01.95- 10.97	110810	12	1.4
Shuma 1.5	[B6]	03.96- 01.97	111237	14	70					
Shuma 1.5 i 16V	[B5D]	10.97-	111237	14	70		10.97- 10.01	110808	12	0.85
Shuma 1.6	[GA6D]						01.01- 08.04	110808	12	0.85
							01.01- 08.04	114885	12	0.9
Shuma 1.8	[T8]	01.01- 08.04	111237	14	70		AT 01.01- 08.04	110810	12	1.4
Shuma 1.8 i 16V	[T8]	10.97-	111237	14	70		10.97-	110808	12	0.85
Sorento 2.0 CRDi	[D4HA]	11.10-	115747*	14	150		11.10-	115626	12	2.0
Sorento 2.0 CRDi 4x4	[D4HA]	11.10-	115747*	14	150		11.10-	115626	12	2.0
Sorento 2.2 CRDi	[D4HB]	11.09-	115632	14	150		11.09-	115626	12	2.0
		11.09-	115747*	14	150					
Sorento 2.2 CRDi 4WD	[D4HB]	11.09-	115632	14	150		11.09-	115626	12	2.0
		11.09-	115747*	14	150					
Sorento 2.3 16V	[G4KE]						11.09-	115758	12	1.2
Sorento 2.3 16V 4x4	[G4KE]						11.09-	115758	12	1.2
Sorento 2.4	[G4JS]						03.03-	113521	12	1.2
Sorento 2.4 CVVT	[G4KJ]						10.12-	115758	12	1.2
Sorento 2.4 CVVT 4WD	[G4KJ]						10.12-	115758	12	1.2
Sorento 2.4 GDI	[G4KJ]						10.12-	115758	12	1.2
							01.15-	115758	12	1.2
Sorento 2.4 GDI 4x4	[G4KJ]						10.12-	115758	12	1.2
Sorento 2.5 CRDi	[D4CB]	08.02-	113792	14	110		08.02-	113937	12	2.2
		05.06-	114287	14	110 A49					
		05.06-	116358*							
Sorento 3.3 V6	[G6DB]	12.06-	115737	14	130					
Sorento 3.5 V6	[G6CU]						08.02-	111241	12	1.2
Soul 1.6	[G4FC]	02.09-	114467	14	90		02.09-	114443	12	0.9
Soul 1.6 CVVT	[G4FC]	02.09-	114467	14	90		02.09-	114443	12	0.9
	[G4FG]	02.14-	116226	14	110		02.14-	114443	12	0.9
Soul 1.6 GDI	[G4FD]	02.14-	116226	14	110		A25 07.12-	116026	12	1.4
		A25 06.11-	116226	14	110		06.11-	114443	12	0.9
Soul 1.6 CRDi	[D4FB]	02.09-	114495	14	120		02.09-	113797	12	1.7
							A25 02.14-	116283	12	1.8
							02.14-	116258	12	1.7
		AT 02.14-	116191*	14	130		AT 02.09-	116276	12	1.7
		A25 02.09-	116191*	14	130		02.09-	115729	12	1.6
Soul 1.6 CRDi 136	[D4FB]						AT 04.15-	116276	12	1.7
							04.15-	115729	12	1.6
							04.15-	116258	12	1.7
							A25 04.15-	116283	12	1.8
		AT 04.15-	116191*	14	130					
Soul Electric		03.17-	111517	14	70					
		03.17-	111468	14	80					
		03.17-	111435	14	70					
Sportage 1.6 GDI	[G4FD]	02.11-	115692	14	110		02.11-	114443	12	0.9
		A25 02.11-	115692	14	110		A25 08.12-	116026	12	1.4
Sportage 1.6 GDI GDI	[G4FD]						09.15-	116026	12	1.4



Sportage 1.7 CRDi	[D4FD-L]	12.10-	116191*	14	130	A25 12.10-	116283	12	1.8
						A25 12.10-	116255	12	1.9
						12.10-	115446	12	1.7
						12.10-	116271	12	1.7
Sportage 2.0	[FE]	07.10-	115603	14	110	10.00-	110808	12	0.85
						07.10-	115758	12	1.2
Sportage 2.0 AWD	[G4KD]	07.10-	115603	14	110	07.10-	115758	12	1.2
Sportage 2.0 16V	[G4GC]	09.04-	113657	14	90	09.04-	114820	12	1.2
						AT 09.04-	113521	12	1.2
Sportage 2.0 16V 4WD	[G4GC]	09.04-	113657	14	90	09.04-	114820	12	1.2
						AT 09.04-	113521	12	1.2
Sportage 2.0 CVT AWD	[G4KD]	06.10- 12.13	115603	14	110	06.10- 12.13	115758	12	1.2
Sportage 2.0 i 16V 4WD	[FE]					04.94-	110808	12	0.85
Sportage 2.0 i 4WD	[FE]					04.94-	110808	12	0.85
Sportage 2.0 CRDi	[D4EA]	02.05-	113328	14	120	02.05-	113329	12	2.0
						02.05-	114778	12	2.0
						D4EA-V 01.06-	113328	14	120
						D4HA 07.10-	115632	14	150
Sportage 2.0 CRDi 4WD	[D4EA]	09.04-	113328	14	120	07.10-	115632	14	150
						07.10-	115747*	14	150
						09.04-	113329	12	2.0
						09.08-	114778	12	2.0
Sportage 2.0 CRDi AWD	[D4EA]	01.06-	113328	14	120	01.06-	113329	12	2.0
						01.06-	113329	12	2.0
						D4EA-V 01.06-	113328	14	120
						D4HA 07.10-	115632	14	150
Sportage 2.0 TD 4WD	[RF]	10.97- 08.03	113903	14	60	07.10-	115747*	14	150
						07.10-	115747*	14	150
						10.97-	110389	12	2.0
						09.04-	113020	12	1.2
Sportage 2.7 V6 4WD	[G6BA]	09.04-	115855	14	120	09.04-	113020	12	1.2
						09.04-	115855	14	120
Venga 1.4 16V	[G4FA-L]	02.10-	114467	14	90	02.10- 07.12	114443	12	0.9
						02.10-	114892	12	0.9
						A25 02.10-	115692	14	110
						A25 02.10-	116192	14	90
Venga 1.4 LPG	[G4FA-L]	02.10-	114467	14	90	08.12- 06.13	116026	12	1.4
						02.10-	114443	12	0.9
						02.10-	114892	12	0.9
						A25 02.10-	115692	14	110
Venga 1.4 CRDi	[D4FC]	02.10-	114495	14	120	A25 02.10-	116192	14	90
						A25 02.10-	116226	14	110
						02.10-	114443	12	0.9
						02.10-	114892	12	0.9
Venga 1.4 CRDi 75	[D4FC]	02.10-	114495	14	120	A25 02.10-	116192	14	90
						A25 02.10-	116226	14	110
						02.10-	114443	12	0.9
						02.10-	114892	12	0.9
Venga 1.6 16V	[G4FC]	02.10-	114467	14	90	02.10-	114443	12	0.9
						02.10-	114892	12	0.9
						A25 02.10-	115692	14	110
						A25 02.10-	116192	14	90
Venga 1.6 CRDi	[D4FB]	02.10-	114495	14	120	A25 02.10-	116226	14	110
						02.10-	114495	14	120
						02.10-	116271	12	1.7
						02.10-	113797	12	1.7
Kobelco	INDUSTRI					A25 02.10-	116191*	14	130
						A25 02.10-	116191*	14	130
						A25 02.10-	116191*	14	130
						A25 02.10-	116191*	14	130
Kobelco	INDUSTRI					02.10-	114495	14	120
						02.10-	114495	14	120
						02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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Kobelco	INDUSTRI					02.10-	114495	14	120
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						02.10-	114495	14	120
Kobelco	INDUSTRI					02.10-	114495	14	120
						0			



Application list

KOMATSU Continued

Various Models	[Nippondenso equipped]		110562	28 25				
			110564	14 40				
			110657	28 40				
			114097	14 60				
			114113	28 60				
		01.88-	116055	28 60		01.88-	113203	24 4.5
		01.88-	114097	14 60				
		09.95-	112170	28 45			110256	12 0.8
		01.80-	111051	28 25			111189	12 0.8
		01.88-	110562	28 25		01.89-	112668	12 2.5
		01.88-	110657	28 40		01.88-	111097	24 5.5
						01.88- 01.01	112178	12 1.6
						112676	12 2.2 HI	
					01.84- 01.97	110555	24 7.5	
WA180	[S6D102E-1]		112160	28 75				
INDUSTRI								
Crawlers	[SA6D125]					114164	24 7.5	
D175A	[6D170]					114166	24 7.5	
D175A-1	[S6D170]					114166	24 7.5	
D31	[4D105]				01.88- 01.95	110656	24 5.5	
	[6D95]				01.88- 01.95	110656	24 5.5	
D375A	[6D170]					114166	24 7.5	
D375A-1	[S6D170]					114166	24 7.5	
D41	[4D105]				01.88- 01.95	110656	24 5.5	
	[6D95]				01.88- 01.95	110656	24 5.5	
D475 Crawler Dozer	[SA12V140]		115534	28 90				
HD465	[SA6D170A]					114166	24 7.5	
HD465TWIN	[SA6D170A]					114166	24 7.5	
HD785-5 Dump Truck	[SA12V140]		115534	28 90				
PC1000-1	[SA6D140]					114166	24 7.5	
	[SA6D170B]					114166	24 7.5	
PC1500	[S6D170]					114166	24 7.5	
PC220 Diesel			114113	28 60				
PC220LC Diesel			114113	28 60				
PC310	[6D105]				01.91- 01.95	111020	24 7.5	
PC400	[6D125]				01.86- 01.94	111020	24 7.5	
PC410	[6D125]				01.91- 01.95	111020	24 7.5	
PC60	[4D95]				01.88- 01.94	111212	24 2.8	
PC60EN-7 3.0	[4D95LE-2]					115954	24 3.0	
PC650	[6D650]				01.88- 01.94	111020	24 7.5	
Various Models	[6D125]				01.86- 01.94	111020	24 7.5	
Various Models	[4D95L]		114403	14 120				
	[6D105]				01.86- 01.87	110555	24 7.5	
					01.88- 01.95	110656	24 5.5	
					01.86-	114693	24 5.5	
	[6D125]				01.76- 01.97	110555	24 7.5	
	[6D140]					110555	24 7.5	
	[6D170]				01.86-	114166	24 7.5	
			115445	28 60				
			115533	28 75				
WA 380 WheelLoader						114396	24 7.5	
WA120 4B Wheelloader					01.97- 01.06	114340	24 4.5	
WA120 6B Wheelloader					01.97- 01.06	114340	24 4.5	
WA180 4B Wheelloader					01.97- 01.06	114340	24 4.5	
WA180 6B Wheelloader					01.97- 01.06	114340	24 4.5	
WA250 4B Wheelloader					01.97- 01.06	114340	24 4.5	
WA250 6B Wheelloader					01.97- 01.06	114340	24 4.5	
WA253 4B Wheelloader					01.97- 01.06	114340	24 4.5	
WA253 6B Wheelloader					01.97- 01.06	114340	24 4.5	
WA800 Wheel Loader	[SA12V140]		115534	28 90				
WA900 Wheel Loader	[SA12V140]		115534	28 90				
WB140 Backhoe			114262	14 80				
Kramer								
INDUSTRI								
Various Models		09.88- 07.96	110881	14 55		116139	12 3.0 A49	
		01.77- 07.96	110641	14 33		01.92-	112555 12 3.1	
						116312	12 2.7 BO	
					01.78- 12.91	110536	12 2.7	
KTM								
MOTOR BIKES								
Adventure						114504	12 0.9	
Adventure R						114504	12 0.9	
Super Duke						114504	12 0.9	
Super Enduro						114504	12 0.9	
Super Moto						114504	12 0.9	
Super Moto R						114504	12 0.9	
Super Moto T						114504	12 0.9	
Kubota								
AGRICULTURE								
6800	[V3300]	01.02-	114807	14 60				
		01.02-	116109	14 45				
8200	[V3300]	01.02-	114807	14 60				
		01.02-	116109	14 45				
9000	[V3300]	01.02-	114807	14 60				
		01.02-	116109	14 45				
B2320	[D1105-E3]	01.08-	114657	14 14				
B2920	[D1305-E3]	01.08-	114657	14 14				
F2260						114485	12 1.1	
F2560						114485	12 1.1	
L2250	[D1302]				01.85- 01.90	113893	12 1.2	
L2500	[D1403]					113893	12 1.2	
L2550	[D1402]				01.85- 01.96	113893	12 1.2	
L2650	[D1402]				01.90- 01.96	113893	12 1.2	
L2800	[D1403]					113893	12 1.2	
L2900	[D1503]				01.94- 01.98	113893	12 1.2	
L2950	[D1462]				01.91- 01.93	113893	12 1.2	
L3010	[D1503]				01.98- 01.02	113893	12 1.2	



L3130	[D1503]					01.03- 01.05	113893	12	1.2
L3300	[D1703]					01.94- 01.98	113893	12	1.2
L3400	[D1703]						113893	12	1.2
L3410	[D1703]					01.98- 01.02	113893	12	1.2
L3430	[D1703]					01.03- 01.05	113893	12	1.2
L35	[D1703]						113893	12	1.2
L3540	[D1803]					01.07-	115322	12	1.4
L3830	[D1803]					01.07-	115322	12	1.4
L3940	[V2006]					01.07-	115322	12	1.4
L5740 L5740HST	[V2403-MT-E2]	01.07-	116313*	14	60				
M6040	[V3307]						115378	12	2.5
M7040	[V3307]						115378	12	2.5
M7580DT	[V4302]	01.91- 12.98	114515	14	45				
M8580DT	[V4702A]	01.91- 12.98	114515	14	45				
T1700HX						01.92-	116149	12	0.7
Various Models			114516	14	14				
			114751	14	45		114259	12	2.5
			114515	14	45		116149	12	0.7
Various Tractor Lawn Movers							116149	12	0.7
INDUSTRI									
RX502 Excavator			114085	14	40		110720	12	1.4
Various Models			116314*	14	65		114674	12	0.6
			114516	14	14		115552	12	2.0
MOTORS									
Engine 1.9	[V1902]					01.85- 01.03	110356	12	1.4
						01.85- 01.03	111197	12	2.0
Engine	[D1302]	01.85- 01.90	111195	14	35	Denso long type 01.86- Denso short type 01.79-	113966	12	1.4
						01.82-	110245	12	1.7
	[D1402]	01.85- 01.90	111195	14	35	Denso long type 01.79- Denso short type 01.79-	113966	12	1.4
						01.79-	110720	12	1.4
						01.79-	114711	12	2.5
	[D850]					01.87-	111021	12	1.4
	[D950]	01.98-	112721	14	55	01.81-	110421	12	0.8
	[DM1102]					01.81-	110447	12	1.0
						01.81-	113211	12	1.0
	[F2302]	01.85- 01.93	110137	14	30				
	[F2803]					01.85-	115595	12	2.0
	[V1502]	01.86- 01.89	110620	14	35	Denso long type 07.98- Denso short type 01.86- 01.89	113966	12	1.4
						01.86- 01.89	110720	12	1.4
						01.86- 01.89	111197	12	2.0
	[Z402]						113211	12	1.0
	[Z600..]					01.81-	110421	12	0.8
	[ZB600..]					01.78-	110246	12	1.4
Engine	[D1105]						111021	12	1.4
	[D1105BH]						112547	12	1.4
	[D905E-BX]						112547	12	1.4
							110421	12	0.8
	[D950]		114251	14	60	01.81-			
	[S2600]	01.83-	111195	14	35				
	[S2800]	01.83-	111195	14	35				
	[V1405]					04.92-	111622	12	1.2
	[V1505BH]		113856	14	40		112547	12	1.4
	[V2203]						115595	12	2.0
Various Models	[CT4-114]						110940	12	1.4
			113401	14	40		113596	12	0.6
			111048	14	40		112547	12	1.4
			112721	14	55		113204	24	1.4
							113205	12	0.7
			113921	14	40		113211	12	1.0
							113551	12	2.2
Kassbohrer									
TRUCKS EU									
S210H 11.0	[OM421.900]	10.83- 03.95	110895	28	55	10.83- 06.96	110210	24	6.6
	[OM421A]	09.85- 03.95	110895	28	55	09.85- 06.96	110210	24	6.6
	[OM441A]					03.89- 06.96	110210	24	6.6
S211H 11.0	[OM421A]	09.85- 03.95	110895	28	55	09.85- 06.96	110210	24	6.6
S211H 14.6	[OM422.900]	01.80- 03.95	110895	28	55	01.80- 06.96	110210	24	6.6
S213H 14.6	[OM422.900]	01.80- 03.95	110895	28	55	01.80- 06.96	110210	24	6.6
	[OM422.901]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
S213HR 14.6	[OM422.900]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
S213RL 14.6	[OM422.900]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
S214H 12.0	[D2866KOH]					08.87- 01.95	110210	24	6.6
	[D2866LOH]					09.86- 01.95	110210	24	6.6
S214HD 14.6	[OM422.900]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
	[OM422.901A]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
S215H 12.0	[D2866KOH]					08.87- 01.95	110210	24	6.6
	[D2866LOH]					09.86- 01.95	110210	24	6.6
S215H 14.6	[OM422.900]	01.80- 03.95	110895	28	55	01.80- 06.96	110210	24	6.6
	[OM422.901A]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
	[OM422A]					07.88- 06.96	110210	24	6.6
S215HR 14.6	[OM422.900]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
S215RL 14.6	[OM422.900]	09.83- 03.95	110895	28	55	09.83- 06.96	110210	24	6.6
S215SL 12.0	[OM427H]	09.85- 03.95	110895	28	55	09.85- 06.96	110210	24	6.6
S215UL 12.0	[OM427H.]	09.85- 03.95	110895	28	55	09.85- 06.96	110210	24	6.6
S216HDS 14.6	[OM422.901A]					07.80- 06.96	110210	24	6.6
S217HDH 14.6	[OM422LA]					01.89- 06.96	110206	24	5.4
S228DT 14.6	[OM442LA]					01.89- 06.96	110206	24	5.4
S250 Spezial 12.0	[D2866LOH23]					06.96- 06.01	110206	24	5.4
S309HD 11.0	[OM441LA]					09.92-	110206	24	5.4
S313UL 12.0	[D2866LUH21]					03.95-	113608	24	6.2
	[OM447HLA]					03.95-	113608	24	6.2
	[OM457HLA]					07.01-	113608	24	6.2
S315GT 11.0	[OM441LA]					09.94-	110206	24	5.4
S315GT 14.6	[OM442LA]					09.94-	110206	24	5.4
S315GT-HD 11.0	[OM441LA]					07.96-	110206	24	5.4
	[OM442LA]					07.96-	110206	24	5.4
S315H 11.0	[OM441LA]					09.94-	110206	24	5.4

STARTERS & ALTERNATORS



KÄSSBOHRER Continued

S315HD 12.0	[D2866LOH23]				03.95-	110206	24	5.4
S315HD HDH 11.0	[OM441LA]				09.91-	110206	24	5.4
S315HD HDH 14.6	[OM442LA]				09.91-	110206	24	5.4
S316HDS 14.6	[OM442LA]				01.97-	110206	24	5.4
S316UL 12.0	[OM457HLA]				07.01-	113608	24	6.2
S317HDH 14.6	[OM442LA]				10.97-	110206	24	5.4
S317UL 12.0	[OM457HLA]				07.01-	113608	24	6.2
S319GT-HD 11.0	[OM442LA]				07.98-	110206	24	5.4
S319UL 12.0	[D2866LUH21]				03.95-	113608	24	6.2
	[OM447HLA]				03.95-	113608	24	6.2
	[OM457HLA]				07.01-	113608	24	6.2
S328DT 14.6	[OM442LA]				04.93-	110206	24	5.4
Lada								
PASSENGER CARS EU								
110 1.5	[BA32111]				01.95-	112304	12	1.4
	[VAZ-2111]				01.95-	112304	12	1.4
110 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	01.95-	112304	12	1.4
110 2.0 i	[C20XE]	01.96- 12.00	113632	14 85				
111 1.5	[VAZ-2111]	10.00-	112191	14 80	01.96-	112304	12	1.4
111 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	01.95-	112304	12	1.4
111 1.6	[VAZ-21114]				01.05-	112304	12	1.4
	[VAZ-21124]				03.06-	112304	12	1.4
112 1.5	[VAZ-2111]				01.95-	112304	12	1.4
112 1.5 16V	[VAZ-2112]	10.00-	112191	14 80	01.95-	112304	12	1.4
1200 1.2	[BA32101]	03.79- 06.86	110350	14 44	01.70- 06.86	110352	12	1.3
1300 1.3	[BA321011]	01.80- 01.87	110348	14 55	05.78- 01.87	110352	12	1.3
		01.80- 01.87	110350	14 44				
	[BA32105]	01.80- 08.84	110350	14 44				
1300 1.3 1300					08.74- 08.84	110352	12	1.3
1500 1.5	[BA32103]	03.79- 10.86	110350	14 44	09.72- 10.86	110352	12	1.3
		01.80- 10.86	110348	14 55				
1600 1.6	[BA32106]	01.80- 10.86	110348	14 55	09.72- 10.86	110352	12	1.3
		01.80- 10.86	110350	14 44				
Kalina 1.6	[VAZ-11186]				11.13-	112304	12	1.4
	[VAZ-21114, VAZ-21124]				10.04-	112304	12	1.4
Niva 1.6 1600	[BA32121]	01.80- 03.95	110350	14 44	12.76- 03.95	110352	12	1.3
Niva 1.7 4x4	[BA3 21214]	09.10-	112191	14 80	09.10-	110352	12	1.3
Niva 1.7 i 1700	[BA321214]	01.93-	112191	14 80	07.96- 12.99	110352	12	1.3
Niva 1.7 i 4x4	[BA3 21214]	10.00-	112191	14 80	10.00-	110352	12	1.3
Niva 1.7 LPG	[BA3 21214]	09.02-	112191	14 80				
Nova 1.2 1200 Junior	[BA32101]	09.81-	110348	14 55	09.81-	110352	12	1.3
		09.81-	110350	14 44				
Nova 1.3 1300	[BA32105]	09.85- 12.90	110348	14 55	09.85- 12.90	110352	12	1.3
		09.85- 12.90	110350	14 44				
Nova 1.3 1300 Spezial	[BA32105]	05.81-	110348	14 55	05.81-	110352	12	1.3
		05.81-	110350	14 44				
Nova 1.5 1500	[BA32103]	03.85- 02.93	110348	14 55	03.85- 02.93	110352	12	1.3
	[BA321083]	06.89-	110348	14 55				
		06.89-	110350	14 44				
Nova 1.6 1600	[BA32106]	01.88-	110348	14 55	01.88-	110352	12	1.3
		01.88-	110350	14 44				
Nova 1.7 1700	[ECE]	08.94-	110348	14 55	08.94-	110352	12	1.3
Priora 1.6					10.09-	112304	12	1.4
Samara 1.1 1100	[BA321081]	02.88- 12.94	110348	14 55				
Samara 1.1 1100 Forma	[BA321081]	07.91-	110348	14 55				
Samara 1.3 1300	[BA32108]	01.86- 12.94	110348	14 55				
	[BA321115]	02.96-	110348	14 55				
Samara 1.3 1300 Forma	[BA32108]	05.89-	110348	14 55				
Samara 1.5	[BA3 21083]	01.86-	110348	14 55				
					03.93-	112304	12	1.4
Samara 1.5 1500	[BA321083]	01.88-	110348	14 55				
	[BA32111]				01.99-	112304	12	1.4
Samara 1.5 1500 Forma	[BA321083]	07.91-	110348	14 55				
	[BA32111]				01.99-	112304	12	1.4
Samara Forma 1.5	[VAZ-2111]	08.03-	110348	14 55				
Samara Hatch 1.5		08.03- 12.06	110348	14 55				
Toscana 1.3	[BA32105]	12.85-	110348	14 55	12.85-	110352	12	1.3
		12.85-	110350	14 44				
Toscana 1.5 1500	[BA32103]	09.83- 02.93	110348	14 55	09.83- 02.93	110352	12	1.3
		09.83- 02.93	110350	14 44				
Lamborghini								
PASSENGER CARS EU								
Espada 3.9 400 GT					01.68- 12.81	115329	12	1.2
						113177	12	1.1 A49
Jarama 3.9 400 GTS					01.68- 12.76	113177	12	1.1 A49
					01.68- 12.76	115329	12	1.2
AGRICULTURE								
105 Diesel Formula	[1004.4]				03.89- 12.99	111001	12	3.0 DD
115 6.0 Diesel Formula	[1000.6]	12.89-	111686	14 65	12.89- 12.99	111001	12	3.0 DD
135 6.0 Diesel Formula	[1000.6]	12.89-	111686	14 65	12.89- 12.99	110530	12	3.0
165 6.0 Diesel Racing	[1000.6]	05.91-	111686	14 65	05.91- 12.99	110530	12	3.0
190 6.0 Diesel Rasing	[1000.6]	01.92-	111686	14 65	01.92- 12.99	110530	12	3.0
775 4.0 Diesel	[1000.4]	06.87- 12.99	110882	14 45	06.87- 12.99	110530	12	3.0
					06.87- 12.99	111001	12	3.0 DD
804 4.6	[FL1104]				06.73- 12.79	110551	12	3.0
904 5.0	[FL1154]				03.73- 12.79	110551	12	3.0
1106 5.5 Diesel 2RM	[916.6]	01.84- 05.85	110882	14 45				
1306 5.5 TD DT	[916.6]	01.84- 05.85	110882	14 45				
1506 6.8 TD	[1106HT]	01.84- 05.85	110882	14 45				
1706 6.8 TD	[1106]	01.84- 05.85	110882	14 45				
660 F 3.0 Diesel	[1000.3]				06.87- 12.99	111001	12	3.0 DD
674-70 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12	3.0
					06.86- 12.99	111001	12	3.0 DD
674-70 N 4.0 Diesel	[1000.4]	06.86- 12.95	110882	14 45	06.86- 12.95	110530	12	3.0
					06.86- 12.95	111001	12	3.0 DD



674-70 N 4.0 Diesel Bosso	[1000.4]	06.86- 12.95	110882	14 45	06.86- 12.95	110530	12 3.0
					06.86- 12.95	111001	12 3.0 DD
774-80 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0 DD
774-80 DT 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0 DD
774-80 N 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	110530	12 3.0
					06.86- 12.99	111001	12 3.0 DD
874-90 4.0 Diesel	[1000.4]	06.86- 12.99	110882	14 45	06.86- 12.99	111001	12 3.0 DD
					06.86- 12.99	110530	12 3.0
956 DT 5.5 Diesel	[916.6]	01.84- 05.85	110882	14 45	01.84- 12.99	111001	12 3.0 DD
956-2 RM 5.5 Diesel	[916.6]	01.84- 05.85	110882	14 45			
C 554 2.8 Diesel	[100.3P]	06.87- 12.00	111180	14 33			
		06.87- 12.00	116133	14 33 A49			
C 664 3.1 Diesel					06.87- 12.00	111001	12 3.0 DD
C 774-80 4.0 Diesel	[1000.4]	06.86- 12.00	110882	14 45	06.86- 12.00	110530	12 3.0
					06.86- 12.00	111001	12 3.0 DD
C 874-90 4.0 Diesel	[1000.4]	09.90- 12.00	110882	14 45	09.90- 12.00	111001	12 3.0 DD
C603 3.1	[FL1104]				06.73- 06.76	110551	12 3.0
R 235 S 1.8 Diesel		01.83- 09.90	111649	14 33			
R 513 2.7 Diesel	[983L]	03.83- 12.95	111180	14 33			
		03.83- 12.95	116133	14 33 A49			
R704 4.6	[FL1104]				06.73- 04.78	110551	12 3.0
Various Models		06.78- 12.95	111180	14 33		111284	12 2.5
		04.81- 01.85	111649	14 33			
			116133	14 33 A49			
		03.71- 03.84	110641	14 33			
		07.86- 12.99	111686	14 65			
		01.84- 08.85	110882	14 45			
		12.80- 12.84	110890	14 55			
MOTORS							
	[1000.3W]	01.87- 12.99	110882	14 45	01.87- 12.99	110530	12 3.0
	[1000.4W]	01.87- 12.99	110882	14 45	01.87- 12.99	110530	12 3.0
					01.87- 12.99	111001	12 3.0 DD
	[1000.6..]	09.90- 12.99	110882	14 45	09.90- 12.99	111001	12 3.0 DD
					09.90- 12.99	110530	12 3.0
Lancer Boss							
INDUSTRI							
Various Models					01.92-	110464	12 2.1
					01.92-	110461	12 2.8
Lancia							
PASSENGER CARS EU							
A 112 0.9 Junior	[112A.000]				01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
	[112A5.000]				01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
	[112B2.000]				01.81- 06.86	110365	12 0.8
					03.81- 06.86	110814	12 2.7
A 112 1.0 Abarth	[A112A.2000]	03.78- 02.84	111078	14 45	03.78- 02.84	110365	12 0.8
Ardea Berlina 0.9	[A112A.000]				11.88-	111865	12 1.7
Beta 1.3		04.76- 07.82	110912	14 55			
Beta 1.4	[828A2.000]	08.73- 07.76	110912	14 55			
Beta 1.6 Spider	[828B.000]	01.73- 12.84	110912	14 55			
Beta 1.8	[828A1.000]	08.73- 12.84	110912	14 55			
Beta 2.0	[828B1.000]	01.73- 07.82	110912	14 55			
Beta 2.0 i.e. HPE	[828B4.000]	05.81- 09.84	110912	14 55			
Dedra 1.6	[159B9.000]				10.94- 07.99	112124	12 0.9
		AC 10.94- 07.99	112780	14 90			
Dedra 1.6 LE	[159B9.000]	AC 07.94- 04.98	112780	14 90	07.94- 04.98	112124	12 0.9
Dedra 1.6 16V	[182A4.000]	02.96-	111689	14 65			
Dedra 1.6 i.e.	[835A1.046]	AC 08.89- 03.93	112780	14 90			
	[835C1.000]	AC 04.93- 12.99	112780	14 90	04.95- 07.99	112124	12 0.9
Dedra 1.8 16V GT	[183A1.000]	03.96- 07.99	113939	14 100	03.96- 07.99	111685	12 1.4
Dedra 1.8 16V LE	[182A2.000]	03.96-	111409	14 100	03.96- 07.99	111685	12 1.4
		03.96- 07.99	113939	14 100			
Dedra 1.8 i.e.	[835A2.000]	01.89- 06.94	111620	14 65	09.89- 06.94	110854	12 1.4
	[835A2.046]	09.89- 10.94	111620	14 65	09.89- 10.94	110854	12 1.4
	[836A5.000]	07.94- 07.99	111620	14 65	07.94- 07.99	110854	12 1.4
Dedra 1.8 i.e. LE	[835C5.000]	08.93- 07.94	111620	14 65	08.93- 07.94	110854	12 1.4
Dedra 1.9 TDS	[160D1.000]	07.94- 10.99	112688	14 95			
	[835A4.000]	04.89- 07.99	112688	14 95			
	[835A4.046]	04.89- 07.99	111620	14 65			
Dedra 2.0 4WD Integrale	[836A3.000]	07.94- 07.99	111620	14 65	07.94- 07.99	110854	12 1.4
Dedra 2.0 HF Integrale	[835A7.000]	06.90-	111620	14 65	06.90-	110854	12 1.4
	[835A7.046]	04.91-	111620	14 65	04.91-	110854	12 1.4
Dedra 2.0 16V	[836A3.000]	07.94- 07.99	111620	14 65	07.94- 07.99	110854	12 1.4
Dedra 2.0 i.e. Turbo	[835A8.046]	08.89-	111620	14 65	04.91-	112455	12 1.4
Dedra 2.0 i.e.	[835A5.000]	08.89- 07.92	111620	14 65	09.89- 07.92	112455	12 1.4
		08.89-	111654	14 65			
	[835A5.046]	09.89- 10.99	111620	14 65	09.89- 10.94	110854	12 1.4
Dedra 2.0 i.e. Integrale	[835A7.000]	05.90- 07.94	111620	14 65	06.90- 07.92	110854	12 1.4
Dedra 2.0 Turbo	[835A8.000]	01.89- 06.94	111620	14 65	07.92- 07.92	110854	12 1.4
Delta 1.1	[831B8.000]	01.86- 12.90	111035	14 65	01.86- 12.90	110338	12 0.8
Delta 1.3	[831A2.000]	09.79- 08.92	111035	14 65	09.79- 08.92	110338	12 0.8
	[831B.000]	09.79- 08.92	111035	14 65	09.79- 08.92	110338	12 0.8
Delta 1.4	[198A1.000]	09.08-	114806	14 120	09.08-	113962	12 0.9
		09.08-	115874	14 120 A49			
	[198A4.000]	09.08-	114806	14 120	09.08-	113962	12 0.9
		09.08-	115874	14 120 A49			
Delta 1.4 16V	[198A7.000]	07.10-	114806	14 120	A25 07.10-	115312	12 1.1
		07.10-	115874	14 120 A49			
Delta 1.4 i.e.	[160A1.046]	01.93- 04.94	111035	14 65			
		AC 01.93- 04.94	112780	14 90			
	[836A4.000]	AC 04.94- 12.99	112780	14 90	04.95- 12.99	112124	12 0.9
Delta 1.5	[831A1.000]	09.79- 12.92	111035	14 65			
		09.79- 12.92	111148	14 65			



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	[831B1.000]	09.79- 12.92	111035	14 65				
		09.79- 12.92	111148	14 65				
Delta 1.6 GT	[831A4.000]	11.82- 04.86	110912	14 55				
		11.82- 04.86	111620	14 65				
Delta 1.6 i.e.	[835C1.000]	AC 06.93- 12.99	112780	14 90	04.95- 12.99	112124	12 0.9	
Delta 1.6 i.e. GT Super	[149C2.000]				05.87- 08.92	110814	12 2.7	
Delta 1.6 i.e. LE	[182A4.000]	01.96- 08.99	111689	14 65				
	[182A6.000]	03.96- 08.99	111689	14 65	03.96- 08.99	112124	12 0.9	
Delta 1.6 Turbo HF	[831B7.046]				04.87- 03.89	110814	12 2.7	
Delta 1.6 Multijet	[198A2.000]	09.08-	113996	14 140	09.08-	113931	12 1.7	
		09.08-	114493	14 100	09.08-	116045	12 1.4	
		09.08-	115429	14 120				
	[944A3.000]	04.11-	114493	14 100	04.11-	113931	12 1.7	
		04.11-	115429	14 120	04.11-	116045	12 1.4	
	[955A4.000]	08.08-	114493	14 100	08.08-	113931	12 1.7	
		08.08-	115429	14 120	08.08-	116045	12 1.4	
Delta 1.8	[939B1.000]				01.09-	113931	12 1.7	
Delta 1.8 i.e.	[835C2.000]	06.93- 12.95	111620	14 65	04.94- 12.95	110854	12 1.4	
	[835C4.000]	01.93-	111620	14 65	01.93-	110854	12 1.4	
	[836A6.000]	01.93-	111620	14 65	01.93-	110854	12 1.4	
	[836C4.000]	01.93-	111620	14 65	01.93-	110854	12 1.4	
Delta 1.8 i.e. GT	[183A1.000]	03.96- 08.99	113939	14 100	03.96- 08.99	111685	12 1.4	
Delta 1.8 i.e. LE	[182A2.000]	03.96-	111409	14 100	03.96- 12.99	111685	12 1.4	
		03.96- 08.99	113939	14 100				
Delta 1.9 Multijet	[844A1.000]	01.09-	113996	14 140	01.09-	116045	12 1.4	
		01.09-	114493	14 100				
		01.09-	115429	14 120				
Delta 1.9 TD	[160D1.000]	10.95-	112688	14 95				
	[835A4.000]	10.94- 10.95	112688	14 95				
Delta 2.0 HF Integrale 4WD	[831C5.046]	03.89- 12.92	111620	14 65	03.89- 12.92	112455	12 1.4	
Delta 2.0 16V	[836A3.000]	06.93- 12.99	111620	14 65	04.94- 12.99	110854	12 1.4	
Delta 2.0 16V HF Evo Integrale	[831E5.000]				06.93- 01.94	110854	12 1.4	
Delta 2.0 16V HF Integrale 4WD	[831D5.000]				03.89- 09.91	110814	12 2.7	
	[831E5.000]	06.93- 01.94	111620	14 65	06.91- 12.94	110854	12 1.4	
		06.93- 01.94	113498	14 80				
	[831E5.046]	06.93- 01.94	111620	14 65	06.91- 12.94	112455	12 1.4	
		06.93- 01.94	113498	14 80				
Delta 2.0 Turbo 16V	[836A2.000]	06.93- 12.99	111620	14 65	04.94- 12.99	110854	12 1.4	
Delta 2.0 Turbo 16V HPE	[175A4.000]	01.93- 12.99	111620	14 65	09.96- 12.99	110854	12 1.4	
Delta 2.0 Multijet	[198A5.000]	09.08-	113996	14 140	09.08-	116045	12 1.4	
		09.08-	114493	14 100				
		09.08-	115429	14 120				
	[198A8.000]	09.08-	113996	14 140	09.08-	116045	12 1.4	
		09.08-	114493	14 100				
		09.08-	115429	14 120				
	[844A2.000]	09.08-	114493	14 100	09.08-	116045	12 1.4	
		09.08-	115429	14 120				
Delta Iii 1.4 BiFuel	[198A4.000]	07.11-	114806	14 120	07.11-	113962	12 0.9	
		07.11-	115874	14 120 A49				
Kappa 2.0 20V	[838A1.000]	10.94- 10.01	111409	14 100	Chas. 2076973-	10.94-	111685	12 1.4
	[838A6.000]	10.94- 10.01	113942	14 100	Chas. 2076973-	07.96- 10.01	111685	12 1.4
					02.98- 03.01	111685	12 1.4	
Kappa 2.0 20V LE	[838A6.000]	07.96- 12.00	111409	14 100	Chas. 2076973-	07.96-	111685	12 1.4
		07.96- 10.01	113942	14 100				
Kappa 2.0 Turbo 16V	[838A4.000]	11.94- 06.98	111409	14 100	02.95- 10.01	112455	12 1.4	
		07.96- 10.01	113942	14 100				
Kappa 2.0 Turbo 20V	[175A3.000]				06.98- 03.01	111685	12 1.4	
Kappa 2.4 20V	[838A2.000]	08.94- 11.01	111409	14 100	Chas. 2076973-	08.94- 10.01	111685	12 1.4
		08.94- 10.01	113942	14 100				
	[838A2.027]	08.94- 11.01	111409	14 100	Chas. 2076973-	08.94- 10.01	111685	12 1.4
		08.94- 10.01	113942	14 100				
Kappa 2.4 TD	[838A3.000]	01.94- 10.01	111409	14 100				
		01.94- 01.01	113336	14 120				
		08.94- 10.01	113942	14 100				
	[838A7.000]	08.94- 10.01	113942	14 100				
		06.96- 10.01	111409	14 100				
Lybra 1.6	[182B6.000]				10.00- 10.05	114035	12 1.3	
Lybra 1.6 SW	[182B6.000]				10.00- 10.05	114035	12 1.3	
Lybra 1.6 16V	[182A4.000]				07.99-	112445	12 1.1 A49	
		AC 07.99-	112190	14 90	07.99-	116336*	12 1.1	
Lybra 1.8 16V	[839A4.000]	07.99- 02.02	111409	14 100	07.99-	111685	12 1.4	
		07.99-	113942	14 100				
	[839A7.000]	07.99- 02.02	111409	14 100	09.00-	111685	12 1.4	
		07.99-	113942	14 100				
	[839A9.000]	07.99- 02.02	111409	14 100	07.99-	111685	12 1.4	
		07.99-	113942	14 100				
Lybra 1.9 JTD	[937A2.000]	05.01-	113943	14 100	05.01-	113430	12 1.8	
		AC 05.01-	113336	14 120				
	[AR32302]	07.99-	113336	14 120	07.99-	113430	12 1.8	
		07.99- 09.00	113939	14 100				
		07.99- 09.00	113942	14 100				
		07.99- 09.00	113943	14 100				
		AC 07.99- 09.99	111409	14 100				
		A17 07.99- 09.00	113336	14 120				
	[AR37101]	09.00-	113336	14 120	09.00-	113430	12 1.8	
		09.00- 05.01	113943	14 100				
Lybra 1.9 JTD SW	[AR37101]	09.00-	113336	14 120	09.00-	113430	12 1.8	
		09.00- 05.01	113943	14 100				
Lybra 2.0 20V	[182B7.000]				07.99-	111685	12 1.4	
	[185A8.000]				09.00-	111685	12 1.4	
Lybra 2.0 20V SW	[185A8.000]				09.00-	111685	12 1.4	
Lybra 2.4 JTD	[839A5.000]	10.99- 09.00	113336	14 120	10.99- 09.00	113430	12 1.8	
	[839A6.000]	09.00-	113336	14 120	09.00-	113430	12 1.8	
	[841C.000]	06.02-	113336	14 120				
	[AR32501]	10.99- 09.00	113336	14 120	10.99- 09.00	113430	12 1.8	
Lybra 2.4 JTD SW	[839A6.000]	09.00-	113336	14 120	09.00-	113430	12 1.8	



Musa 1.3 Multijet	[188A9.000]	10.04-	113721	14 75	A49	10.04-	115869	12 1.3	A49
		10.04-	114451	14 105		10.04-	113719	12 1.3	
		10.04-	116330*	14 75					
		AC 10.04-	113722	14 90	A49				
		AC 10.04-	115963	14 90					
	[199A3.000]	10.04-	113721	14 75	A49	09.06-	115869	12 1.3	A49
		09.06-	116330*	14 75		10.04-	113719	12 1.3	
		AC 09.06-	113722	14 90	A49	09.06-	113843	12 1.1	
		AC 09.06-	114451	14 105					
		AC 09.06-	115963	14 90					
Musa 1.4	[192B2.000]					10.07-	113962	12 0.9	
	[350A1.000]	09.05-	113718	14 70		09.05-	113962	12 0.9	
	[843A1.000]	09.05-	113718	14 70					
	[350A1.000]					11.10-	113962	12 0.9	
Musa 1.4 LPG	[350A1.000]								
Musa 1.6 Multijet	[350A2.000]	07.08-	114493	14 100		A25 07.08-	115399	12 1.4	
						07.08-	113931	12 1.7	
	[350A3.000]	07.08-	114493	14 100		A25 07.08-	115399	12 1.4	
Musa 1.9 Multijet	[188B2.000]	10.04-	113336	14 120		10.04-	113931	12 1.7	
		10.04-	113943	14 100					
		10.04-	114494	14 90					
Phedra 2.0	[RFN (EW10J4)]	09.02-	113755	14 150					
Phedra 2.0 JTD	[RHK (DW10UTED4)]	06.06-	113640	14 150		06.06-	114126	12 2.3	
						06.06-	111070	12 1.7	
	[RHM (DW10ATED4)]	07.03-	112461	14 150		07.03-	114460	12 1.4	
						07.03-	111070	12 1.7	
	[RHW (DW10ATED4)]	09.02-	112461	14 150		09.02-	114460	12 1.4	
						09.02-	111070	12 1.7	
Phedra 2.0 Multijet	[RHR (DW10BTED4)]	07.06-	113640	14 150		07.06-	114460	12 1.4	
						07.06-	114126	12 2.3	
Phedra 2.2 JTD	[4HP]	04.06-	113640	14 150		04.06-	114854	12 2.5	
		04.06-	114859	14 180					
	[4HR]	04.06-	113640	14 150		04.06-	114854	12 2.5	
		04.06-	114859	14 180					
	[4HW (DW12ATED4)]	09.02-	112461	14 150		09.02-	111070	12 1.7	
		09.02-	113640	14 150		09.02-	114460	12 1.4	
Phedra 2.2 Multijet	[4HS]	03.08-	113640	14 150		03.08-	114854	12 2.5	
		03.08-	114859	14 180					
	[4HT]	03.08-	113640	14 150		03.08-	114854	12 2.5	
		03.08-	114859	14 180					
Phedra 3.0 V6	[ES9J4S]					09.02-	115354	12 1.3	
Prisma 1.3	[831.A2.]	05.86-12.89	111035	14 65		12.82-04.86	110338	12 0.8	
Prisma 1.5	[138C2.048]	12.82-02.92	111035	14 65					
		09.85-02.92	111148	14 65					
	[831A1.000]	12.82-04.86	111148	14 65					
	[831B1.000]	05.86-12.89	111035	14 65					
		05.86-12.89	111148	14 65					
		05.86-12.89	111035	14 65					
	[831B1.048]	05.86-12.89	111148	14 65					
Prisma 1.6	[831A4.000]	12.82-04.86	110912	14 55					
		12.82-04.86	111148	14 65					
Prisma 1.9 Diesel	[831D.000]	01.83-02.92	116331	14 55					
		06.84-12.89	110912	14 55					
		06.84-07.87	112719	14 55	A49				
		06.84-12.89	113187	14 85					
		AC 06.84-12.89	111620	14 65					
Prisma 1.9 TD	[831D1.000]	05.85-12.89	111654	14 65					
		05.85-12.89	113187	14 85					
Thema 2.0 16V	[834F1.000]					05.92-11.94	112455	12 1.4	
Thema 2.0 i.e. 16V	[834B2.000]	05.88-08.92	111620	14 65		05.88-08.92	112455	12 1.4	
		05.88-08.92	112453	14 85					
	[834B2.246]	02.89-05.92	111620	14 65		02.89-05.92	112455	12 1.4	
Thema 2.0 i.e. Turbo 16V	[834C1.000]	12.88-06.90	111620	14 65		12.88-06.90	112455	12 1.4	
		12.88-06.90	112453	14 85					
	[834C1.246]	11.84-05.92	111620	14 65		04.89-05.92	110814	12 2.7	
					AT 04.89-05.92	112455	12 1.4		
Thema 2.0 i.e. Turbo	[834B2.246]	02.89-05.92	111620	14 65		AT 02.89-05.92	112455	12 1.4	
		02.89-05.92	112453	14 85					
	[834C.000]	11.84-05.90	111620	14 65		11.84-12.87	112455	12 1.4	
		11.84-09.88	112453	14 85					
	[834C.146]	07.86-05.90	111620	14 65		AT 07.86-05.90	112455	12 1.4	
	07.86-05.90	112453	14 85						
Thema 2.0 i.e.	[834B.000]	11.84-09.91	111620	14 65		AT 11.84-09.88	112455	12 1.4	
		11.84-09.88	112453	14 85					
	[834B.048]	03.86-09.88	111620	14 65		AT 03.86-09.88	112455	12 1.4	
	[834B.146]	09.87-09.88	111620	14 65		AT 09.87-09.88	112455	12 1.4	
	[834B1.000]	09.88-05.92	111620	14 65		AT 09.88-05.92	112455	12 1.4	
Thema 2.0 Turbo 16V	[834C.1000]	06.88-12.92	111620	14 65		AT 06.88-05.92	112455	12 1.4	
	[834C.146]	06.88-05.90	112453	14 85		06.88-05.90	112455	12 1.4	
						01.89-03.92	110814	12 2.7	
	[834C1.246]	04.89-05.92	111620	14 65		04.89-03.93	110814	12 2.7	
						AT 04.89-05.92	112455	12 1.4	
	[834F2.000]					05.92-11.94	112455	12 1.4	
Thema 2.5 TD	[8144.91]	11.84-05.92	111686	14 65					
		11.84-09.88	112453	14 85					
	[8144.97]	06.88-05.92	111686	14 65					
		06.88-05.92	112453	14 85					
	[8144.97S]	05.88-07.92	111686	14 65					
		05.88-07.92	112453	14 85					
	[8144.97Y]	05.92-11.94	112453	14 85					
Thema 2.5 TDS	[8144.97]	06.88-05.92	111686	14 65					
		06.88-05.92	112453	14 85					
	[8144.97S]	05.92-11.94	112453	14 85					
Thema 2.8 i.e. V6	[834E.000]	11.84-09.88	112453	14 85					
	[834E.146]	06.88-05.92	112453	14 85					

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Thema 2.9	[F105L]	09.87- 05.89	112453	14	85					
	[F105L.046]	10.87- 05.92	112453	14	85					
Thema 3.0 V6 CRD	[EXF]					09.11-	116082	12	1.7	
Thesis 2.0 Turbo	[841E.000]					04.02-	111685	12	1.4	
						04.02-	113430	12	1.8	
Thesis 2.4	[841D.000]					07.02-	111685	12	1.4	
Thesis 2.4 JTD	[841C.000]	07.02-	113987	14	140	04.02-	113430	12	1.8	
	[841G.000]	05.03-	113987	14	140	05.03-	113430	12	1.8	
	[841M.000]	09.03- 07.09	113987	14	140					
	[841N.000]	09.03- 07.09	113987	14	140	09.03- 07.09	113430	12	1.8	
Thesis 2.4 Multijet	[841P.000]	04.06-	113987	14	140	04.06-	111685	12	1.4	
Trevi 1.6	[828B.000]	05.80- 05.85	110912	14	55					
Trevi 2.0 Iniezione	[828B4.000]	05.80- 09.84	110912	14	55					
Y 1.1	[176B2.000]	11.95- 06.00	111411	14	75	11.95- 06.00	111422	12	0.8	
		ACPS 11.95- 06.00	111505	14	75					
Y 1.2	[188A4.000]	03.96- 09.03	113718	14	70	06.00- 06.03	112382	12	0.8	
		03.96- 09.03	115664*	14	75					
		03.96- 09.03	115665	14	75					
		[840A3.000]	03.96-	111411	14	75	03.96-	111422	12	0.8
		03.96- 09.03	113718	14	70					
		03.96- 09.03	115664*	14	75					
Y 1.2 16V	[176B9.000] [188A5.000]	04.97- 09.03	115476	14	85	04.97-	111422	12	0.8	
		10.00- 09.03	113718	14	70	10.00-	112382	12	0.8	
		AC 10.00-	113535	14	85					
Y 1.4 12V	[840A2.000] [840A4.000]	01.96- 06.00	111413	14	90					
		03.96-	111413	14	90					
Y10 1.0 Fire	[156A2.000] [156A2.100] [156A2.246]	03.85- 06.89	111036	14	45	03.85- 06.89	111025	12	0.8	
		03.89- 06.91	111036	14	45	03.89- 06.91	111025	12	0.8	
		10.87- 02.92	111036	14	45	12.87- 02.92	111025	12	0.8	
Y10 1.0 Fire 4WD	[156A2.000] [156A2.100] [156A2.246]	Eng. -10058448	09.86- 02.89	111036	14	45	09.86- 02.92	111025	12	0.8
			03.89- 06.91	111036	14	45	03.89- 06.91	111025	12	0.8
		Eng. -10058448	12.87- 02.92	111036	14	45	12.87- 02.92	111025	12	0.8
Y10 1.0 Turbo	[156A1.000]	03.85- 02.89	111035	14	65	03.85- 02.89	112124	12	0.9	
Y10 1.1 Avenue	[176B2.000]					01.95- 09.95	111025	12	0.8	
						09.95-	111422	12	0.8	
Y10 1.1 Avenue 4WD	[176B2.000]					01.95- 09.95	111025	12	0.8	
						09.95-	111422	12	0.8	
Y10 1.1 i.e.	[156C.000]					08.89- 06.92	111025	12	0.8	
Y10 1.1 i.e. 4WD	[156C.000]					08.89- 06.92	111025	12	0.8	
Y10 1.1 i.e. Fire	[156C.046]	07.89-	113471	14	65	07.89-	111025	12	0.8	
		07.89- 09.95	113533	14	65	10.92-	111422	12	0.8	
Y10 1.1 i.e. Fire 4WD	[156C.046]	09.92- 12.95	113471	14	65 ▲	09.92- 12.95	111025	12	0.8	
		09.92- 12.95	113533	14	65	09.92- 12.95	111422	12	0.8	
Y10 1.3 i.e. Fire	[146A5.046] [156B.000]	11.87-	111148	14	65					
		11.87-	111148	14	65					
Ypsilon 0.9 Twinair	[312A2.000]	05.11-	114806	14	120	05.11-	116024	12	1.1	
		05.11-	115457	14	120					
		05.11-	115874	14	120 A49					
Ypsilon 0.9 Twinair	[312A2.000]	12.13-	114806	14	120	12.13-	116024	12	1.1	
		12.13-	115457	14	120					
		12.13-	115874	14	120 A49					
Ypsilon 0.9 CNG	[312A2.000]	05.11-	114806	14	120	05.11-	116024	12	1.1	
		05.11-	115457	14	120					
		05.11-	115874	14	120 A49					
Ypsilon 0.9 CNG	[312A5.000]	01.14-	114806	14	120	01.14-	115828	12	1.4	
		01.14-	115874	14	120	01.14-	116024	12	1.1	
Ypsilon 1.2	[169A4.000] [188A4.000] [188A5.000]	10.03-	114899	14	70	10.03-	113962	12	0.9	
		AC 06.03-	113535	14	85					
		10.03-	114899	14	70	10.03-	113962	12	0.9	
		AC 10.03-	113535	14	85					
Ypsilon 1.2 BiFuel	[169A4.000]	05.11-	113535	14	85	05.11-	113962	12	0.9	
		05.11-	113718	14	70					
Ypsilon 1.2 Bifuel	[169A4.000]	05.11-	113535	14	85	05.11-	113962	12	0.9	
		05.11-	113718	14	70	05.11-	115312	12	1.1	
		05.11-	114706	14	120					
		05.11-	115620	14	105					
Ypsilon 1.3 JTD	[188A9.000]	10.03-	113721	14	75 A49	10.03-	115869	12	1.3 A49	
		10.03-	116330*	14	75	10.03-	113719	12	1.3	
		AC 10.03-	113722	14	90 A49					
		AC 10.03-	115963	14	90					
Ypsilon 1.3 Multijet	[199A2.000] [199A3.000] [199B1.000] [312B5.000]	09.06-	113720	14	75 A49	09.06-	113719	12	1.3	
		09.06-	113721	14	75 A49	09.06-	115869	12	1.3 A49	
		09.06-	116064	14	75					
		09.06-	116330*	14	75					
		AC 09.06-	113722	14	90 A49					
		AC 09.06-	115963	14	90					
		09.06-	113720	14	75 A49	09.06-	113719	12	1.3	
		09.06-	113721	14	75 A49	09.06-	115869	12	1.3 A49	
		09.06-	116064	14	75					
		09.06-	116330*	14	75					
Ypsilon 1.4	[350A1.000] [843A1.000]	02.06-	114462	14	70	02.06-	113962	12	0.9	
		AC 10.03-	113535	14	85	10.03-	113962	12	0.9	
Ypsilon 1.4 LPG	[350A1.000]	11.10-	114462	14	70					
Zeta 2.0 16V	[RFN (EW10J4)] [RFV (XU10J4R)]	07.00- 09.02	111318	14	80					
		06.99- 10.00	111318	14	80	05.98- 07.00	111130	12	1.1	
Zeta 2.0 Turbo	[RGX (XU10J2TE)]	05.95- 11.96	112772	14	120	06.94-	111070	12	1.7	
		05.95- 09.02	113604	14	95	05.95- 06.99	111130	12	1.1	
		02.97- 06.99	111318	14	80					



Zeta 2.0 JTD	[RHW (DW10ATED4)]	10.00- 06.02	112480	14	90	10.00- 06.02	111070	12	1.7
	[RHZ (DW10ATED)]					04.00- 09.02	114460	12	1.4
Zeta 2.1 TD	[P8C]	05.96-	113485	14	80	05.96- 09.99	111070	12	1.7
Land Rover									
PASSENGER CARS EU									
109 2.25 Diesel						01.69- 01.85	110440	12	2.1
110 2.25 Diesel						01.83- 01.84	110440	12	2.1
88/109 2.3 4x4	[11H]	09.61- 12.71	110178	14	36				
Defender 2.2 Diesel	[ZSD422]					08.11-	113959	12	2.0
						08.11-	115510	12	2.0 A49
Defender 2.2 Diesel TD4	[ZSD422]					08.11-	113959	12	2.0
						08.11-	115510	12	2.0 A49
Defender 2.2 Diesel Td4 4x4						02.15-	115510	12	2.0 A49
						02.15-	113959	12	2.0
Defender 2.4 TD TD4	[244DT]	05.07-	114064	14	150	05.07-	115510	12	2.0 A49
						05.07-	113959	12	2.0
Defender 2.4 TDI 4x4	[DT244]	07.07- 02.16	114064	14	150	07.07- 02.16	113959	12	2.0
Defender 2.5 4WD	[10P]	06.98-	114300	14	120	06.98-	112439	12	2.2
	[15P]	06.98-	114300	14	120	06.98-	112439	12	2.2
Defender 2.5 TD5 4WD	[10P]	06.98-	114300	14	120	06.98-	113662	12	2.0
						06.98-	112439	12	2.2
	[14P]	06.98-	114300	14	120	06.98-	113662	12	2.0
						06.98-	112439	12	2.2
	[15P]	06.98-	114300	14	120	06.98-	113662	12	2.0
						06.98-	112439	12	2.2
Defender 2.5 TDI 90	[11L]	09.90-	111176	14	75 A47	09.90-	110441	12	2.1
		09.90-	111289	14	70	09.90-	112439	12	2.2
						09.90-	110354	12	3.1
	[16L]	09.90-	111176	14	75 A47	09.90-	110441	12	2.1
		09.90-	111289	14	70	09.90-	112439	12	2.2
						09.90-	110354	12	3.1
	[23L]	09.90-	111176	14	75 A47	09.90- 12.01	110441	12	2.1
		10.95-	111289	14	70	10.95-	112439	12	2.2
						10.95-	110354	12	3.1
Defender 2.5 TDI 90 110	[11L]	09.90- 12.98	111176	14	75 A47	09.90- 12.98	110441	12	2.1
		09.90- 12.98	111289	14	70	09.90- 12.98	112439	12	2.2
						09.90- 12.98	110354	12	3.1
	[16L]	09.90- 12.98	111176	14	75 A47	09.90- 12.98	110441	12	2.1
		09.90- 12.98	111289	14	70	09.90- 12.98	112439	12	2.2
						09.90- 12.98	110354	12	3.1
	[23L]	09.90-	111176	14	75 A47	09.90- 12.01	110441	12	2.1
		10.95-	111289	14	70	10.95-	112439	12	2.2
						10.95-	110354	12	3.1
Defender 3.5 V8		08.90- 12.98	111366	14	45	01.93- 12.98	111865	12	1.7
		01.80- 01.85	110969	14	65				
		08.90- 12.98	110891	14	70 A47				
Defender 3.9 V8	[37L]					09.95-	111865	12	1.7
Discovery 2.0 16V	[20T4]					10.93- 06.98	111269	12	1.4
Discovery 2.5 TD	[15 P]	01.99-	114300	14	120	01.99-	113662	12	2.0
Discovery 2.5 TDi	[12L]	01.96-	112021	14	100	09.89-	112439	12	2.2
						09.89-	110354	12	3.1
	[17L]	10.89- 10.98	112021	14	100	10.89- 10.98	112439	12	2.2
						10.89- 10.98	110354	12	3.1
	[19L]	10.89- 10.98	112021	14	100	10.89- 10.98	112439	12	2.2
						10.89- 10.98	110354	12	3.1
	[21L]	10.89- 10.98	112021	14	100	10.89- 10.98	112439	12	2.2
						10.89- 10.98	110354	12	3.1
Discovery 2.7 TD	[276DT]	10.04-	114704	14	150	10.04-	115642	12	2.0
Discovery 2.7 TD TDV6	[276DT]					09.09-	115642	12	2.0
Discovery 2.7 TDI 4x4	[276DT]	01.07- 07.09	114704	14	150	01.07- 07.09	115642	12	2.0
Discovery 3.0 Diesel 4x4	[306DT]					09.16-	116286	12	2.0
Discovery 3.0 SDV6	[30DDTX]	11.09-	116007	14	150				
Discovery 3.0 TD	[306DT]	09.09-	116007	14	150				
Discovery 3.0 TD TDV6	[306DT]	05.10-	116007	14	150				
	[30DDTX]	05.10-	116007	14	150				
Discovery 3.0 TDI 4x4	[306DT]	01.11- 12.17	116007	14	150	01.11- 12.17	116286	12	2.0
Discovery 3.5	[22D]	09.89- 06.94	110891	14	70 A47	09.89- 06.94	111865	12	1.7
Discovery 3.9 V8	[35D]					09.93- 06.94	111865	12	1.7
	[36D]					09.93- 06.94	111865	12	1.7
Discovery 4.0 4x4		02.05-	115928	14	150	02.05-	111865	12	1.7
Discovery 4.0 V6 4x4	[406PN]	10.04- 09.09	115928	14	150	10.04- 09.09	111865	12	1.7
Discovery 4.0 V8	[56D]	11.98-	115844	14	130	11.98-	111865	12	1.7
Discovery 4.4	[448PN]	10.04-	114491	14	150	10.04-	115822	12	1.8
Discovery I 3.9 4x4	[37L]	09.93- 10.98	110891	14	70	09.93- 10.98	111865	12	1.7
		09.93- 10.98	111740	14	70				
		09.93- 10.98	113763	14	85				
Discovery II 2.5 4x4	[10P]	11.98- 06.04	114300	14	120	11.98- 06.04	113662	12	2.0
						11.98- 06.04	112439	12	2.2
Discovery Sport 2.2 Diesel 4WD	[224DT]	09.14-	115468			A44 12.14-	116246*	12	1.9
Freelander 1.8 i 16V	[18K4F]					02.98- 11.00	113601	12	1.0
Freelander 2.0 Diesel Di	[20T2N]	09.97- 09.03	114386	14	90	02.98- 11.00	113928	12	1.7
Freelander 2.0 TD4	[204D3]	11.00-	112462	14	120	11.00-	113965	12	2.0
		11.00-	112472	14	100				
		11.00-	113881	14	150				
	[M47]	11.00-	112462	14	120	11.00-	113965	12	2.0
		11.00-	112472	14	100				
		11.00-	113881	14	150				
Freelander 2.0 TD4 4x4	[204D3]	11.01-	112462	14	120	11.01-	113965	12	2.0
		11.01-	112472	14	100				
		11.01-	113881	14	150				
Freelander 2.2 Diesel	[224DT]	02.06-	115544	14	150	02.06-	115725	12	2.0
		02.06-	115671	14	180				
Freelander 2.2 Diesel SD4	[224DT]	08.10-	115544	14	150	08.10-	115725	12	2.0
		08.10-	115671	14	180				
Freelander 2.2 Diesel TD4	[224DT]	08.10-	115544	14	150				
		08.10-	115671	14	180				

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



LAND ROVER *Continued*

	[DW12BTED4]	08.10-	115544	14 150				
		08.10-	115671	14 180				
Freelander 2.2 Diesel TD4 4x4	[224DT]	10.06-	115544	14 150				
		10.06-	115671	14 180				
	[DW12BTED4]	10.06-	115544	14 150				
Freelander 2.2 TD4	[224DT]	01.07-	115671	14 180		01.07-	115725	12 2.0
Freelander 2.2 TDI 4x4	[224DT]	10.06- 10.14	115544	14 150		AT 10.06- 10.14	115468	12 2.0
		A22 10.06- 10.14	115671	14 180		10.06- 10.14	115725	12 2.0
Freelander 2.5 V6	[25K4F]	11.00-	114386	14 90		11.00-	115950	12 2.0
Freelander 3.2	[B6324S]	02.06-	115966	14 150		02.06-	115943	12 1.1
Freelander Soft Top 2.5 V6 4x4		AC 11.00- 10.06	114386	14 90				
Land Rover 2.5	[17H]	09.85- 07.90	111185	14 43 A47				
		01.87- 07.90	111289	14 70				
Land Rover 2.5 TD	[19J]	09.86- 07.90	111289	14 70		09.86- 07.90	110441	12 2.1
		09.86- 07.90	111366	14 45		09.86- 07.90	112439	12 2.2
Land Rover 3.5 V8		01.93- 12.98	113763	14 85				
		01.80- 01.85	110969	14 65				
LR 109 DP 2.3 Diesel	[10J, 23J]	09.63- 12.86	110178	14 36		09.63- 12.86	110440	12 2.1
		09.63- 12.86	111185	14 43 A47				
		09.63- 12.86	113378	14 45				
LR 109 OL 2.3	[10H]	09.63- 12.86	110178	14 36				
LR 109 OP 2.3	[11H]	09.63- 12.86	110178	14 36				
LR 88 DL 2.3 Diesel	[10J, 23J]	09.63- 12.86	110178	14 36				
		09.63- 12.86	111185	14 43 A47				
		09.63- 12.81	113378	14 45				
Range Rover 2.4 Diesel	[11A]	04.86- 12.90	111176	14 75 A47				
Range Rover 2.5 Diesel	[14L]	08.94-	111176	14 75 A47		08.94-	110354	12 3.1
		08.94-	112021	14 100		08.94-	112439	12 2.2
	[256T]	07.94-	112021	14 100		07.94- 09.02	112533	12 2.2
						07.94-	110441	12 2.1
						07.94-	112439	12 2.2
Range Rover 2.7 TDVM Sport	[276DT]	02.05-	114704	14 150		02.05-	115642	12 2.0
		02.05-	115930	14 150				
Range Rover 3.0 TD V6	[30DDTX]	05.10-	116007	14 150				
Range Rover 3.0 TD	[30DDTX]	09.09-	116007	14 150				
Range Rover 3.0 TD 4x4	[306D1]					03.02-	113446	12 2.2
						03.02-	115506	12 2.0 A49
Range Rover 3.5	[31D]	01.87- 09.90	110891	14 70 A47		01.87- 09.90	111865	12 1.7
		01.87- 09.90	111362	14 55				
		01.87- 09.90	112238	14 65				
	[V8]	07.70- 01.76	110179	14 36				
		01.72- 01.79	111184	14 43				
Range Rover 3.5 Vogue	[11D]	08.81- 09.90	110891	14 70 A47		08.81- 09.90	111865	12 1.7
		08.81- 09.90	111362	14 55				
		08.81- 09.90	112238	14 65				
	[24D]	10.85- 09.90	110891	14 70 A47		10.85- 09.90	111865	12 1.7
		10.85- 09.90	111362	14 55				
	[25D]	10.85- 09.90	110891	14 70 A47		10.85- 09.90	111865	12 1.7
		10.85- 09.90	111362	14 55				
Range Rover 3.6 TD8	[368DT]	04.06-	113990	14 150		04.06-	115982	12 2.7
Range Rover 3.9	[37D]					11.88-	111865	12 1.7
	[38D]					11.88-	111865	12 1.7
	[42D]	07.94- 03.02	114452	14 150		07.94-	111865	12 1.7
Range Rover 3.9 Vogue SEI	[35D]					11.88-	111865	12 1.7
	[36D]					11.88-	111865	12 1.7
Range Rover 4.0	[42D]	06.98- 03.02	114452	14 150		06.98-	111865	12 1.7
Range Rover 4.2	[428PS]	05.05-	114491	14 150				
Range Rover 4.2 Sport	[428PS]	02.05-	114491	14 150				
Range Rover 4.3 Vogue LSE	[40D]					09.92-	111865	12 1.7
Range Rover 4.4	[448PN]	05.05-	112426	14 150				
	[M62B44]	03.02-	112426	14 150		03.02-	115616	12 1.8
Range Rover 4.4 Sport	[448PN]	02.05-	114491	14 150		02.05-	115822	12 1.8
Range Rover 4.4 TD V8	[448DT]					09.10-	115982	12 2.7
Range Rover 4.6	[46D]	07.94- 03.02	114452	14 150		07.94-	111865	12 1.7
	[60D]	06.98- 03.02	114452	14 150		06.98-	111865	12 1.7
Range Rover Evoque 2.2 ED4	[224DT]					AT 06.11-	116246*	12 1.9
						06.11-	115468	12 2.0
Range Rover Evoque 2.2 TD TD4	[224DT]					AT 06.11-	116246*	12 1.9
						06.11-	115468	12 2.0
Range Rover I 3.9 4x4		11.88- 12.92	113763	14 85		11.88- 12.92	111865	12 1.7
Range Rover II 4.6 4x4	[46D]	09.96- 03.02	114452	14 150		09.96- 03.02	111865	12 1.7
Range Rover Sport 3.0 TD	[306DT]	08.12-	116007	14 150				
	[30DDTX]	06.11-	116007	14 150				
Landini								
AGRICULTURE								
55 2.3	[Perkins]						114840	
55 2.7	[Perkins]		113474	14 65				
60 2.7	[Perkins]		113474	14 65				
60	[Perkins]		113474	14 65				
65 2.7	[Perkins]		113474	14 65				
65 4.0	[Perkins]		113474	14 65				
			114840	14 85			114840	
70 4.0	[Perkins]		113474	14 65				
75 4.0	[Perkins]		114840	14 85				
75 4.2	[Perkins]		113474	14 65				
80 4.0	[Perkins]		113474	14 65				
			114840	14 85				
80 4.2	[Perkins]		113474	14 65				
80	[Perkins]		113474	14 65				
90 4.0	[Perkins]		113474	14 65				
90 4.0	[Perkins]		114840	14 85				
90 4.2	[Perkins]		113474	14 65				
100 4.0	[Perkins]		113474	14 65				
100 4.0 GT	[Perkins]		113474	14 65				
100 4.0	[Perkins]		114840	14 85				
100 4.2	[Perkins]		113474	14 65				
5860 2.7	[Perkins]		113474	14 65				



Various Models 4.0	[Perkins]	113474	14	65					
Various Models								115392	12 4.0
								114107	12 3.2
4.0	[Perkins]	113474	14	65				115536	12 2.8
	[Perkins]	113474	14	65				115536	12 2.8
INDUSTRI									
Trekker 4.0	[Perkins]	113474	14	65					
Laverda									
AGRICULTURE									
3400		05.89-	111419	28	55				
3500		05.89-	111419	28	55				
3790		06.85-	111686	14	65				
3850		01.91-	111686	14	65				
3900		01.83- 12.85	112097	28	30				
L 521		03.92-	111686	14	65				
L 624		03.92-	111686	14	65				
MX 300		03.87- 10.90	112097	28	30				
LDV									
PASSENGER CARS EU									
200 2.0 Diesel		11.86- 12.98	112238	14	65				
		11.86- 12.98	110770	14	55				
Convoy 2.5 TDi	[ET70]						10.98-	112251	12 2.3
Maxus 2.5 CDi	[VM39C]	02.05-	114019	14	110 A49		02.05-	114020	12 2.2
		02.05-	116047	14	110				
	[VM39C, VM40C]	02.05-	114019	14	110 A49		02.05-	114020	12 2.2
		02.05-	116047	14	110				
Maxus 2.5 CRD	[VM39C]	02.05-	114019	14	110 A49				
		02.05-	116047	14	110				
Sherpa 1.7	[KB17]	10.78- 12.82	111185	14	43 A47				
Sherpa 1.8	[G18A]	01.84- 09.88	111366	14	45				
		01.87- 09.88	112238	14	65				
Sherpa 1.8 Diesel	[KD18]						03.74- 12.82	110444	12 2.1
Sherpa 2.0	[G20A]	01.84- 09.88	111366	14	45				
		01.84- 09.88	112238	14	65				
Sherpa 2.0 Diesel		01.86- 01.89	112238	14	65				
		01.86- 01.89	110770	14	55				
Sherpa 2.6 Diesel	[K25D]	01.86- 09.88	112238	14	65		01.83- 09.88	112185	12 1.2
Sherpa 3.5		01.83-	111176	14	75 A47				
		01.83- 09.88	112238	14	65				
LDV International									
TRUCKS EU									
6.13		01.80-	111569	28	30		08.88- 09.90	111574	12 2.8
Various Models		01.80-	111569	28	30				
		01.78- 06.84	110179	14	36				
Lexus									
PASSENGER CARS EU									
ES 350 3.5	[2GR-FE]						06.12-	114037	12 1.6
GS 250 2.5	[4GR-FSE]						01.12-	116424*	12 1.6
GS 300 3.0	[2JZ-GE]	10.00- 03.05	116444*	14	100				
	[3GR-FSE]						04.05-	116424*	12 1.6
GS 300 3.0 T3	[2JZ-GE]	08.97- 10.00	116444*	14	100				
GS 400 4.0	[1UZ-FE]						01.98- 11.00	113171	12 2.0
GS 430 4.3	[3UZ-FE]	11.00- 03.05	116444*	14	100				
IS 2.2 Diesel	[2AD-FTV]	07.10-	114410	14	130		07.10-	114216	12 2.0
IS 2.5	[4GR-FSE]						04.13-	116424*	12 1.6
IS 200 2.0	[1G-FE]	04.99-	115790	14	100		04.99-	114223	12 1.0
IS 200 2.0 SportCross	[1G-FE]	10.02-	115790	14	100		10.02-	114223	12 1.0
IS 220 2.2 Diesel	[2AD-FHV]	10.05-	114410	14	130		10.05-	114216	12 2.0
IS 250 2.5	[4GR-FSE]						10.05-	116424*	12 1.6
IS 350 3.5	[2GR-FSE]						09.10-	116424*	12 1.6
IS C 2.5	[4GR-FSE]						10.05-	116424*	12 1.6
LS 250 2.5 AWD	[4GR-FSE]						10.05-	116424*	12 1.6
LS 350 3.5 AWD	[2GR-FSE]						10.05-	116424*	12 1.6
LS 400 4.0	[1UZ-FE]	12.89- 12.94	113085	14	100		12.94- 01.00	113171	12 2.0
		09.97- 10.00	116444*	14	100				
RX 300 3.0	[1MZ-FE]	05.03-	116140	14	150		05.03-	114037	12 1.6
RX 300 3.0 V6	[1MZ-FE]						10.00-	112367	12 1.4
RX 330 3.3 4WD	[3MZ-FE]	04.03-	116140	14	150				
Liebherr									
INDUSTRI									
A902 Litronic	[D904TB]							114438	24 5.4
R 961		04.80- 06.90	113470	28	35				
		04.80- 06.90	110766	28	27				
R 971		04.80- 06.90	110766	28	27				
		03.88- 06.90	113470	28	35				
R 981		05.80- 02.88	110766	28	27				
		05.80- 02.88	110641	14	33				
		03.88- 06.90	113470	28	35				
Linde									
FORK LIFTS									
H 20 25 30	[F3L913]	11.84- 08.88	110641	14	33				
H 35 40	[F4L 912]	06.81- 08.88	110641	14	33			112555	12 3.1
H 70	[F6L912]	06.81- 08.88	110641	14	33			112555	12 3.1
H40D Model 352								115389	12 4.2
H50D	[TCD2012L04-2V]		114783	14	95				
Various Models	[VW engine]							116440	12 1.8
Lister									
AGRICULTURE									
Various Models								115447	24 7.5
								115572	12 2.1
MARINE									
Various Models			113713	14	80		01.69-	112390	12 1.0
								113459	12 2.0
							01.88-	112545	12 1.4
							01.86- 01.88	112143	
MOTORS									
Various Models			113713	14	80			115572	12 2.1



Application list

Lombardini										
AGRICULTURE										
Various Models 0.3	[IM..]							01.75-	115423	12 3.0
Various Models 1.7			116131	14 33	A49					
		02.82- 11.86	111662	14 33						
MARINE										
LDAM 673									115344	12 2.3
LDAM 674									115344	12 2.3
LDAM 832									115344	12 2.3
LDAM 833									115344	12 2.3
Various Models			116131	14 33	A49				115816	12 1.4
		07.68- 12.80	110060							
		06.71- 12.79	111662	14 33						
MOTORS										
Various Models 0.5	[3LD..]							01.82- 02.92	112034	12 1.7
								03.92-	112171	12 1.1
Various Models 0.5 Diesel	[LDW502]							06.89-	111015	12 1.1
Various Models 0.6 Diesel	[LDW602]							06.89-	111015	12 1.1
Various Models 0.7 Diesel	[8LD740.2]	05.83-	111662	14 33				03.92-	112172	12 1.6
		05.83-	116131	14 33	A49					
Various Models 0.8 Diesel	[10LD400.2]	01.84-	111662	14 33				05.83- 11.84	112034	12 1.7
		01.84-	116131	14 33	A49					
Various Models 0.9 Diesel	[12LD435.2]	06.87-	111662	14 33				06.87-	112034	12 1.7
		06.87-	116131	14 33	A49					
	[LDW903]							06.89-	111015	12 1.1
Various Models 1.1 Diesel	[9LD561.2]	01.84-	111662	14 33				03.92-	112172	12 1.6
		01.84-	116131	14 33	A49					
Various Models 1.2 Diesel	[LDW1204]							06.89-	111015	12 1.1
Various Models 1.3 Diesel	[5LD675.2]	01.69- 12.90	111662	14 33						
		01.69- 12.90	116131	14 33	A49					
	[9LD625.2]	06.87-	111662	14 33				06.87-	112172	12 1.6
		06.87-	116131	14 33	A49					
	[LDW1303]							05.93-	114053	12 2.0
Various Models 1.6 Diesel	[11LD535.3]	04.84-	111662	14 33						
		04.84-	116131	14 33	A49					
	[LDW1503]							06.89- 05.93	110844	12 2.2
								05.93-	114053	12 2.0
Various Models 1.7 Diesel	[5LD825.2]	11.86-	111662	14 33						
		11.86-	116131	14 33	A49					
Various Models 1.9 Diesel	[11LD625.3]	04.84-	111662	14 33				04.84-	112039	12 2.7
		04.84-	116131	14 33	A49					
	[11LD626.3]	01.89-	111662	14 33						
		01.89-	116131	14 33	A49					
Various Models 2.0 Diesel	[5LD675.3]	01.69- 12.90	111662	14 33						
		01.69- 12.90	116131	14 33	A49					
Various Models 2.1 Diesel	[LDW2004]							01.90- 04.96	110844	12 2.2
								01.90-	114053	12 2.0
Various Models 2.5		02.82- 11.86	111662	14 33						
			116131	14 33	A49					
Various Models 2.5 Diesel	[5LD825.3]	11.86-	111662	14 33						
		11.86-	116131	14 33	A49					
Various Models 2.7 Diesel	[5LD825.3T]	01.87-	111662	14 33						
		01.87-	116131	14 33	A49					
Various Models 2.8 Diesel	[5LD930.3]	04.83-	111662	14 33						
		04.83-	116131	14 33	A49					
Various Models 3.0 Diesel	[5LD825.4]	11.86-	111662	14 33						
		11.86-	116131	14 33	A49					
Various Models 3.3		02.82- 11.86	111662	14 33						
			116131	14 33	A49					
Various Models 3.7 Diesel	[5LD930.4]	04.83-	111662	14 33						
		04.83-	116131	14 33	A49					
Various Models	[6LD..]							01.82- 02.92	112034	12 1.7
								03.92-	112171	12 1.1
Various Models		02.82-	111662	14 33						
			113533	14 65					115816	12 1.4
			116131	14 33	A49				114052	12 1.1
									113307	12 1.2
									111015	12 1.1
								12.76- 01.84	113268	12 1.6
									112171	12 1.1
									115344	12 2.3
									115329	12 1.2
									115423	12 3.0
									113706	12 1.1
Long										
AGRICULTURE										
350 2.3	[Fiat]							05.74- 12.89	110640	12 3.0
445 2.3	[Fiat]							05.74- 12.89	110640	12 3.0
550 3.1	[Fiat]							05.74- 12.89	110640	12 3.0
Magirus-Deutz										
TRUCKS EU										
Various Models		01.75- 04.80	110766	28 27						
Mahindra										
AGRICULTURE										
Various Models	Tractor.		113683	14 36					113670	12 2.2
MAN										
TRUCKS EU										
400 10.5	(Lion S Coach)[D2066LOH32]	10.15-	114528*	28 120						
		10.15-	115496	28 120	A49					
		10.15-	116459*	28 120			10.15-	116087	24 5.5	
440 12.4	(Lion S Coach)[D2676LOH30]	10.15-	114528*	28 120						
		10.15-	115496	28 120	A49					
		10.15-	116459*	28 120			10.15-	116087	24 5.5	
6.100 4.6	(G 90)[D0824GF]						09.87- 10.93	111640	24 4.0	
							09.87- 10.93	113468	24 4.0	



	[D0824GF01]					09.87- 10.93	111640	24	4.0
						09.87- 10.93	113468	24	4.0
	[D0824GF02]					09.87- 10.93	111640	24	4.0
						09.87- 10.93	113468	24	4.0
7.150 4.6	(TGL)[D0834LFL40]	04.05-	113998	28	110				
		04.05-	115486	28	80 A49	04.05-	114001	24	4.0
		04.05-	115492	28	110 A49	04.05-	115891	24	5.0 A49
	[D0834LFL50]	04.05-	113998	28	110	04.05-	114376	24	4.0
		04.05-	115486	28	80 A49	04.05-	115513	24	4.0 A49
		04.05-	115492	28	110 A49	04.05-	115891	24	5.0 A49
		04.05-				04.05-	114001	24	4.0
7.180 4.6	(TGL)[D0834LFL41]	04.05-	113998	28	110	04.05-	114376	24	4.0
		04.05-	115486	28	80 A49	04.05-	115513	24	4.0 A49
		04.05-	115492	28	110 A49	04.05-	115891	24	5.0 A49
		04.05-				04.05-	114001	24	4.0
	[D0834LFL51]	04.05-	113998	28	110	04.05-	114376	24	4.0
		04.05-	115486	28	80 A49	04.05-	115513	24	4.0 A49
		04.05-	115492	28	110 A49	04.05-	115891	24	5.0 A49
		04.05-				04.05-	114001	24	4.0
7.220 4.6	(TGL)[D0834LFL62]	04.05-	113998	28	110	04.05-	114001	24	4.0
		04.05-	114016	28	110	04.05-	114376	24	4.0
		04.05-	115486	28	80 A49	04.05-	115513	24	4.0 A49
		04.05-	115492	28	110 A49	04.05-	115891	24	5.0 A49
	[D0834LFL65]	04.05-	113998	28	110	04.05-	114001	24	4.0
		04.05-	114016	28	110	04.05-	114376	24	4.0
		04.05-	115486	28	80 A49	04.05-	115513	24	4.0 A49
		04.05-	115492	28	110 A49	04.05-	115891	24	5.0 A49
8.100 4.6	(G 90)[D0824GF]					09.87- 10.93	111640	24	4.0
						09.87- 10.93	113468	24	4.0
	[D0824GF01]					09.87- 10.93	111640	24	4.0
						09.87- 10.93	113468	24	4.0
	[D0824GF02]					09.87- 10.93	111640	24	4.0
						09.87- 10.93	113468	24	4.0
8.103 4.6	(L 2000)[D0824FL01]	10.93- 06.96	110895	28	55	10.93- 06.96	112446	24	4.0
		10.93- 06.96	112159	28	80	10.93- 06.96	113759	24	4.0
		10.93- 06.96	113920	28	35	10.93- 06.96	116135	24	4.0 A49
8.113 4.6	(L 2000)[D0824LFL04]	08.95-	110895	28	55	08.95-	113468	24	4.0
		08.95-	112159	28	80	08.95-	113759	24	4.0
		08.95- 03.97	113920	28	35	08.95-	116135	24	4.0 A49
						08.95-	111640	24	4.0
						08.95-	112446	24	4.0
	[D0824LFL08]	09.00-	110895	28	55				
		09.00-	112159	28	80				
		03.97- 09.01	113920	28	35				
8.136 5.7	(G)[D0226MF]					10.79- 08.88	111640	24	4.0
						10.79- 08.88	113468	24	4.0
8.145 4.6	(L 2000)[D0834LFL02]	07.01- 08.02	113289	28	90	07.01- 08.02	112446	24	4.0
		07.01- 08.02	113295	28	55	09.00-	113759	24	4.0
						09.00-	116135	24	4.0 A49
8.150 4.6	(L 2000)[D0824LFO]	02.95-	110895	28	55	02.95-	113468	24	4.0
		02.95-	112159	28	80	02.95-	113759	24	4.0
		02.95- 07.98	113920	28	35	02.95-	116135	24	4.0 A49
						02.95-	111640	24	4.0
						05.00-	112446	24	4.0
	(TGL)[D0834LFL40]	04.05-	113998	28	110	04.05-	114001	24	4.0
		04.05-	115486	28	80 A49	04.05-	115891	24	5.0 A49
		04.05-	115492	28	110 A49				
		10.06-	114016	28	110				
	[D0834LFL50]	04.05-	113998	28	110	04.05-	115513	24	4.0 A49
		10.06-	114016	28	110	04.05-	114376	24	4.0
		10.06-	115486	28	80 A49	04.05-	114001	24	4.0
		10.06-	115492	28	110 A49	04.05-	115891	24	5.0 A49
8.150 5.7	(G 90)[D0226MF]					05.90- 10.93	111640	24	4.0
						05.90- 10.93	113468	24	4.0
8.150 6.9	(G 90)[D0826GF]					09.87- 05.95	111640	24	4.0
						09.87- 05.95	112446	24	4.0
						09.87- 05.95	113468	24	4.0
						09.87- 05.95	113759	24	4.0
						09.87- 05.95	116135	24	4.0 A49
	[D0826GF01]					07.88- 10.93	111640	24	4.0
						07.88- 10.93	112446	24	4.0
						07.88- 10.93	113468	24	4.0
						07.88- 10.93	113759	24	4.0
						07.88- 10.93	116135	24	4.0 A49
	[D0826GF03]	05.88- 05.95	110895	28	55	09.87- 05.95	111640	24	4.0
						09.87- 05.95	112446	24	4.0
						09.87- 05.95	113468	24	4.0
						09.87- 05.95	113759	24	4.0
						09.87- 05.95	116135	24	4.0 A49
8.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96	110895	28	55	10.93- 07.97	113468	24	4.0
		10.93- 06.96	112159	28	80	10.93- 07.97	113759	24	4.0
		08.94- 06.96	113920	28	35	10.93- 07.97	116135	24	4.0 A49
						10.93- 07.97	111640	24	4.0
						10.93- 09.96	112446	24	4.0
	[D0824LFL05]	01.95- 07.97	110895	28	55	01.95- 07.97	112446	24	4.0
		01.95- 07.97	112159	28	80	10.93- 07.97	113759	24	4.0
		01.95- 07.97	113920	28	35	10.93- 07.97	116135	24	4.0 A49
8.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28	55	05.94-	113468	24	4.0
		05.94-	112159	28	80	05.94-	113759	24	4.0
		05.94- 09.01	113920	28	35	05.94-	116135	24	4.0 A49
						05.94-	111640	24	4.0
						05.94- 01.95	112446	24	4.0
	[D0824LFL06]	05.94-	110895	28	55	05.94-	113468	24	4.0
		05.94-	112159	28	80	05.94-	113759	24	4.0
		05.94- 03.97	113920	28	35	05.94-	116135	24	4.0 A49
						05.94-	111640	24	4.0
						05.94- 03.97	112446	24	4.0

STARTERS & ALTERNATORS



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MAN Continued

	[D0824LFL07]	08.95- 03.97	110895	28 55	08.95- 03.97	116135	24 4.0	A49
		08.95- 03.97	112159	28 80	08.95- 03.97	112446	24 4.0	
		08.95- 03.01	113920	28 35	08.95- 01.00	113468	24 4.0	
	[D0824LFL09]	05.94-	110895	28 55	05.94-	112446	24 4.0	
		05.94-	112159	28 80	05.94- 01.00	113468	24 4.0	
		05.94- 09.02	113920	28 35	05.94-	113759	24 4.0	
8.170 5.7	(G 90)[D0226MCF0/170]	02.89- 10.93	110895	28 55	02.89- 10.93	111640	24 4.0	
		02.89- 10.93	111146	28 55	02.89- 10.93	113468	24 4.0	
8.180 4.6	(TGL)[D0834LFL41]	04.05-	113998	28 110	04.05-	114376	24 4.0	
		04.05- 09.06	115486	28 80 A49	04.05-	115513	24 4.0 A49	
		04.05- 09.06	115492	28 110 A49	04.05-	115891	24 5.0 A49	
	[D0834LFL51]	04.05-	113998	28 110	04.05-	114001	24 4.0	
		04.05- 09.06	115486	28 80 A49	04.05-	114376	24 4.0	
		04.05- 09.06	115492	28 110 A49	04.05-	115513	24 4.0 A49	
	[D0834LFL54]	04.05-	113998	28 110	04.05-	115891	24 5.0 A49	
		04.05- 09.06	115486	28 80 A49	04.05-	114001	24 4.0	
		04.05- 09.06	115492	28 110 A49	04.05-	114376	24 4.0	
	[D0834LFL64]	04.05-	113998	28 110	04.05-	115513	24 4.0 A49	
		04.05- 09.06	115486	28 80 A49	04.05-	115891	24 5.0 A49	
		04.05- 09.06	115492	28 110 A49	04.05-	114001	24 4.0	
	[D0834LFL67]	04.05-	113998	28 110	04.05-	114376	24 4.0	
		04.05- 09.06	115486	28 80 A49	04.05-	115513	24 4.0 A49	
		04.05- 09.06	115492	28 110 A49	04.05-	115891	24 5.0 A49	
8.185 4.6	(L 2000)[D0834LFL03]	09.00-	110895	28 55	09.00-	110206	24 5.4	
		09.00-	112159	28 80	09.00-	113759	24 4.0	
		09.00- 08.02	113289	28 90	09.00-	116135	24 4.0 A49	
8.210 4.6	(TGL)[D0834LFL42]	09.00- 08.02	113295	28 55	09.00-	112446	24 4.0	
		09.00-	113920	28 35	09.00- 08.02	112446	24 4.0	
8.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28 110				
		04.05-	114007	28 80				
		04.05-	115486	28 80 A49				
8.220 6.9	(L 2000)[D0826LFL03]	04.05-	115492	28 110 A49				
		04.95-	110895	28 55	04.95-	111640	24 4.0	
		04.95-	112159	28 80	04.95-	113468	24 4.0	
8.223 6.9	(L 2000)[D0826LFL02]	04.95- 09.01	113920	28 35	04.95-	113759	24 4.0	
		10.93- 06.96	110895	28 55	10.93- 06.96	113759	24 4.0	
		10.93- 06.96	112159	28 80	10.93- 06.96	111640	24 4.0	
	[D0826LFL06]	10.93- 06.96	113920	28 35	10.93- 06.96	113468	24 4.0	
		05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0	
		05.94- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0	
8.224 6.9	(L 2000)[D0826LFL03]	10.93- 06.96	110206	24 5.4	10.93- 06.96	110206	24 5.4	
		05.94-	110895	28 55	05.94- 09.99	111640	24 4.0	
		05.94-	112159	28 80	05.94-	112446	24 4.0	
	[D0826LFL03]	05.94- 09.01	113920	28 35	05.94- 01.00	113468	24 4.0	
					05.94-	113759	24 4.0	
					05.94-	116135	24 4.0 A49	
8.225 6.9	(L 2000)[D0826LFL10]	07.01- 08.02	113289	28 90	09.00-	113759	24 4.0	
		07.01- 08.02	113295	28 55	09.00-	116135	24 4.0 A49	
					07.01- 08.02	112446	24 4.0	
	[D0836LFL02]	07.01- 08.02	113289	28 90	09.00-	113759	24 4.0	
		07.01- 08.02	113295	28 55	09.00-	116135	24 4.0 A49	
					07.01- 08.02	112446	24 4.0	
8.240 6.9	(TGL)[D0836LFL40]	04.05-	113998	28 110	04.05-	114376	24 4.0	
		04.05-	115486	28 80 A49	04.05-	115513	24 4.0 A49	
		04.05-	115492	28 110 A49	04.05-	115891	24 5.0 A49	
	[D0836LFL40]				04.05-	114001	24 4.0	
8.250 6.9	(TGL)[D0836LFL63]	04.05-	113998	28 110				
		04.05-	114007	28 80				
		04.05-	115486	28 80 A49				
	[D0836LFL63]	04.05-	115492	28 110 A49				
9.136 5.7	(G)[D0226MF]				10.79- 08.88	111640	24 4.0	
					10.79- 08.88	113468	24 4.0	
9.145 4.6	(L 2000)[D0834LFL02]	07.01-	112446	24 4.0	07.01-	112446	24 4.0	
		07.01-	113289	28 90	09.00-	113759	24 4.0	
		07.01-	113295	28 55	09.00-	116135	24 4.0 A49	
	[D0834LFL02]				09.00-	113468	24 4.0	
9.150 5.7	(G 90)[D0226MF/Silent]				05.90- 10.93	111640	24 4.0	
					05.90- 10.93	113468	24 4.0	
9.150 6.9	(G 90)[D0826GF]	09.87- 10.93	111640	24 4.0	09.87- 10.93	111640	24 4.0	
		09.87- 10.93	112446	24 4.0	09.87- 10.93	112446	24 4.0	
		09.87- 10.93	113468	24 4.0	09.87- 10.93	113759	24 4.0	
	[D0826GF01]	09.87- 10.93	116135	24 4.0 A49	09.87- 10.93	116135	24 4.0 A49	
					07.88- 10.93	111640	24 4.0	
					07.88- 10.93	112446	24 4.0	
	[D0826GF03]				07.88- 10.93	113468	24 4.0	
					07.88- 10.93	113759	24 4.0	
					07.88- 10.93	116135	24 4.0 A49	
		10.92- 05.95	110895	28 55	09.87- 10.93	113759	24 4.0	
					09.87- 05.95	111640	24 4.0	
					09.87- 05.95	112446	24 4.0	
					09.87- 05.95	113468	24 4.0	
					09.87- 05.95	116135	24 4.0	A49



9.153 4.6	(L 2000)[D0824LFL01]	10.93- 12.95	110895	28 55	10.93- 01.95	112446	24 4.0	A49
		10.93- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 12.95	113920	28 35	10.93- 06.96	116135	24 4.0	
	[D0824LFL05]	08.95- 06.96	110895	28 55	10.93- 12.95	11640	24 4.0	
		08.95- 06.96	112159	28 80	10.93- 12.95	113468	24 4.0	
		08.95- 06.96	113920	28 35	08.95- 06.96	112446	24 4.0	
9.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28 55	05.94-	11640	24 4.0	A49
		05.94-	112159	28 80	05.94-	113468	24 4.0	
		08.94- 12.95	113920	28 35	05.94-	113759	24 4.0	
	[D0824LFL06]	05.94-	110895	28 55	05.94-	11640	24 4.0	
		05.94-	112159	28 80	05.94-	113468	24 4.0	
		05.94- 03.97	113920	28 35	05.94-	113759	24 4.0	
9.170 5.7	(G 90)[D0226MCF0/170]	02.89- 10.93	110895	28 55	08.95- 03.97	112446	24 4.0	A49
		02.89- 10.93	111146	28 55	08.95- 03.97	113759	24 4.0	
		08.95- 03.97	113920	28 35	08.95- 03.97	116135	24 4.0	
	[D0824LFL07]	03.97-	110895	28 55	02.00-	112446	24 4.0	
		03.97-	112159	28 80	05.94-	113759	24 4.0	
		03.97- 09.01	113920	28 35	05.94-	116135	24 4.0	
9.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28 90	03.97- 01.00	113468	24 4.0	A49
		09.00- 08.02	113295	28 55	03.97- 09.99	11640	24 4.0	
		09.00- 08.02	113295	28 55	02.00-	112446	24 4.0	
	[D0824LFL09]	05.94- 06.96	110895	28 55	02.89- 10.93	11640	24 4.0	
		05.94- 06.96	112159	28 80	02.89- 10.93	113468	24 4.0	
		05.94- 06.96	113920	28 35	02.89- 10.93	113759	24 4.0	
9.223 6.9	(L 2000)[D0826LFL02]	05.94- 06.96	110895	28 55	05.94- 06.96	11640	24 4.0	A49
		05.94- 06.96	112159	28 80	05.94- 06.96	113759	24 4.0	
		05.94- 06.96	113920	28 35	05.94- 06.96	116135	24 4.0	
	[D0826LFL06]	05.94- 06.96	110895	28 55	05.94- 06.96	11640	24 4.0	
		05.94- 06.96	112159	28 80	05.94- 06.96	113759	24 4.0	
		05.94- 06.96	113920	28 35	05.94- 06.96	116135	24 4.0	
9.224 6.9	(L 2000)[D0826LFL03]	05.94- 09.01	110895	28 55	05.94- 09.01	11640	24 4.0	A49
		05.94- 09.01	112159	28 80	02.00- 09.01	112446	24 4.0	
		08.94- 09.01	113920	28 35	05.94- 01.00	113468	24 4.0	
	[D0826LFL03]	07.01- 08.02	113289	28 90	05.94-	113759	24 4.0	
		07.01- 08.02	113295	28 55	09.00-	116135	24 4.0	
		07.01- 08.02	113295	28 55	07.01- 08.02	112446	24 4.0	
10.136 5.7	(G)[D0226MF]				09.81- 09.87	11640	24 4.0	A49
					09.81- 09.87	113468	24 4.0	
10.145 4.6	(L 2000)[D0834LFL02]	09.00-	113289	28 90	09.00-	113759	24 4.0	A49
		09.00-	113295	28 55	09.00-	116135	24 4.0	
		09.00-	113295	28 55	09.00-	112446	24 4.0	
	[D0826LFL02]	02.95- 01.96	110895	28 55	02.95- 01.96	113468	24 4.0	
		02.95- 01.96	112159	28 80	02.95- 01.09	113759	24 4.0	
		02.95- 01.96	113920	28 35	02.95- 01.96	116135	24 4.0	
10.150 4.6	(L 2000)[D0824LFO]	02.95- 01.96	110895	28 55	02.95- 01.96	11640	24 4.0	A49
		02.95- 01.96	112159	28 80	02.95- 01.96	113468	24 4.0	
		02.95- 01.96	113920	28 35	02.95- 01.96	116135	24 4.0	
	[D0824LFO]	05.90- 10.93	110895	28 55	05.90- 10.93	11640	24 4.0	
		05.90- 10.93	112159	28 80	05.90- 10.93	113468	24 4.0	
		05.90- 10.93	113920	28 35	05.90- 10.93	116135	24 4.0	
10.150 5.7	(G 90)[D0226MF/Silent]	05.90- 10.93	110895	28 55	09.87- 10.93	11640	24 4.0	A49
		05.90- 10.93	112159	28 80	09.87- 10.93	113468	24 4.0	
		05.90- 10.93	113920	28 35	09.87- 10.93	116135	24 4.0	
	[D0826GF01]	09.87- 10.93	110895	28 55	09.87- 10.93	11640	24 4.0	
		09.87- 10.93	112159	28 80	09.87- 10.93	113468	24 4.0	
		09.87- 10.93	113920	28 35	09.87- 10.93	116135	24 4.0	
10.150 6.9	(G 90)[D0826GF01]	09.87- 10.93	110895	28 55	09.87- 10.93	11640	24 4.0	A49
		09.87- 10.93	112159	28 80	09.87- 10.93	113468	24 4.0	
		09.87- 10.93	113920	28 35	09.87- 10.93	116135	24 4.0	
	[D0826GF03]	10.92- 10.93	110895	28 55	09.87- 10.93	11640	24 4.0	
		10.92- 10.93	112159	28 80	09.87- 10.93	113468	24 4.0	
		10.92- 10.93	113920	28 35	09.87- 10.93	116135	24 4.0	
10.153 4.6	(L 2000)[D0824LFL01]	10.93- 06.96	110895	28 55	10.93- 06.96	113468	24 4.0	A49
		10.93- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35	10.93- 06.96	116135	24 4.0	
	[D0824LFL05]	10.93- 06.96	110895	28 55	10.93- 06.96	112446	24 4.0	
		10.93- 06.96	112159	28 80	10.93- 06.96	113759	24 4.0	
		08.94- 06.96	113920	28 35	10.93- 06.96	116135	24 4.0	
10.163 4.6	(L 2000)[D0824LFL02]	05.94-	110895	28 55	05.94-	113468	24 4.0	A49
		05.94-	112159	28 80	05.94-	113759	24 4.0	
		05.94- 12.95	113920	28 35	05.94-	116135	24 4.0	
	[D0824LFL06]	05.94-	110895	28 55	05.94-	11640	24 4.0	
		05.94-	112159	28 80	05.94-	113468	24 4.0	
		05.94- 03.97	113920	28 35	05.94-	116135	24 4.0	
10.180 4.6	(TGL)[D0834LFL41]	04.05-	113998	28 110	04.05-	114376	24 4.0	A49
		04.05-	115486	28 80 A49	04.05-	115513	24 4.0 A49	
		04.05-	115492	28 110 A49	04.05-	115891	24 5.0 A49	
	[D0834LFL51]	04.05-	113998	28 110	04.05-	114001	24 4.0	
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0	
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49	
10.180 6.9	[D0826OH02]	01.88- 05.92	111842	28 140	04.05-	115891	24 5.0 A49	A49
		01.88- 05.92	111842	28 140	04.05-	115891	24 5.0 A49	
		01.88- 05.92	111842	28 140	04.05-	114001	24 4.0	
	[D0826OH02]	03.00- 09.01	113920	28 35	03.97- 09.99	11640	24 4.0	
		03.97- 09.01	110895	28 55	03.97- 09.99	113759	24 4.0	
		03.97- 09.01	112159	28 80	03.97- 09.99	116135	24 4.0	

STARTERS & ALTERNATORS



Application list

MAN Continued

10.185 4.6	(L 2000)[D0834LFL03]	09.00- 08.02	113289	28 90	09.00-	113759	24 4.0		
		09.00- 08.02	113295	28 55	09.00-	116135	24 4.0 A49		
10.210 4.6	(TGL)[D0834LFL42]	04.05-	113998	28 110	04.05-	114376	24 4.0		
		04.05-	115486	28 80 A49	04.05-	115513	24 4.0 A49		
		04.05-	115492	28 110 A49	04.05-	115891	24 5.0 A49		
					04.05-	114001	24 4.0		
10.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28 110					
		04.05-	114007	28 80					
		04.05-	115486	28 80 A49					
		04.05-	115492	28 110 A49					
10.220 6.9	(L 2000)[D0826LFL03]	02.95-	110895	28 55	02.95-	113468	24 4.0		
		02.95-	112159	28 80	02.95-	113759	24 4.0		
		02.95- 02.01	113920	28 35	02.95-	116135	24 4.0 A49		
					02.95-	111640	24 4.0		
10.223 6.9	(L 2000)[D0826LFL02]	05.94- 06.96	110895	28 55	05.00-	112446	24 4.0		
		05.94- 06.96	112159	28 80	10.93- 06.96	110206	24 5.4		
	[D0826LFL06]	08.94- 06.96	113920	28 35	10.93- 06.96	113759	24 4.0		
		05.94- 06.96	110895	28 55	05.94- 06.96	111640	24 4.0		
		05.94- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0		
		08.94- 06.96	113920	28 35	10.93- 06.96	113759	24 4.0		
		10.224 6.9	(L 2000)[D0826LFL03]	05.94-	110895	28 55	05.94- 01.00	113468	24 4.0
				05.94-	112159	28 80	05.94-	113759	24 4.0
				08.94- 02.01	113920	28 35	05.94-	116135	24 4.0 A49
							05.94- 09.99	111640	24 4.0
[D0826LFL10]				02.00-	112446	24 4.0			
				05.94-	116135	24 4.0 A49			
10.225 6.9	(L 2000)[D0836LFL02]	09.00-	111842	28 140	09.00- 08.02	112446	24 4.0		
		09.00- 08.02	113289	28 90	09.00-	113759	24 4.0		
		09.00- 08.02	113295	28 55	09.00-	116135	24 4.0		
					09.00-	113468	24 4.0		
10.240 6.9	(TGL)[D0836LFL40]	04.05-	113998	28 110	04.05-	114376	24 4.0		
		04.05-	115486	28 80 A49	04.05-	115513	24 4.0 A49		
		04.05-	115492	28 110 A49	04.05-	115891	24 5.0 A49		
					04.05-	114001	24 4.0		
10.250 6.9	(TGL)[D0836LFL63]	04.05-	113998	28 110	04.05-	115891	24 5.0 A49		
		04.05-	114007	28 80					
		04.05-	115486	28 80 A49					
		04.05-	115492	28 110 A49					
11.190 6.9	[D0826LOH06]	03.93- 09.96	111842	28 140					
11.220 6.9	[D0826LOH15]	11.95- 12.00	111842	28 140					
12.152 6.9	(M 90)[D0826F01]	12.88- 05.94	111146	28 55	12.88- 05.94	113468	24 4.0		
		10.92- 05.94	110895	28 55	12.88- 05.94	111640	24 4.0		
		10.92- 05.94	111141	14 55	12.88- 05.94	113468	24 4.0		
12.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 08.01	110895	28 55	08.95-	113468	24 4.0		
		08.95- 08.01	112159	28 80	08.95-	113759	24 4.0		
		08.95- 08.01	113920	28 35	08.95-	116135	24 4.0 A49		
					08.95- 08.01	112446	24 4.0		
	[D0824LFL09]	08.95- 08.01	110895	28 55	08.95-	113468	24 4.0		
		08.95- 08.01	112159	28 80	08.95-	113759	24 4.0		
		08.95- 08.01	113920	28 35	08.95-	116135	24 4.0 A49		
					08.95- 08.01	112446	24 4.0		
12.180 4.6	(TGL)[D0834LFL41]	04.05-	113998	28 110	04.05-	114001	24 4.0		
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0		
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49		
	[D0834LFL51]	04.05-	113998	28 110	04.05-	115891	24 5.0 A49		
		04.05-	115486	28 80 A49	04.05-	114376	24 4.0		
		04.05-	115492	28 110 A49	04.05-	115513	24 4.0 A49		
12.185 4.6	(L 2000)[D0834LFL03]	07.01-	113289	28 90	04.05-	115891	24 5.0 A49		
		07.01-	113295	28 55	04.05-	114001	24 4.0		
					09.99-	113759	24 4.0		
					09.99-	116135	24 4.0 A49		
12.192 6.9	(M 90)[D0826LF01]	04.83-	110116	28 35	07.01-	112446	24 4.0		
		04.83-	111146	28 55	07.90- 06.96	111640	24 4.0		
		07.90- 06.96	110895	28 55	07.90- 06.96	113468	24 4.0		
		07.90- 06.96	111141	14 55	07.90- 06.96	113759	24 4.0		
		07.90- 06.96	112159	28 80					
		05.94- 06.96	113920	28 35					
	[D0826LF05]	04.83-	110116	28 35					
		04.83-	111146	28 55	07.90- 06.96	113468	24 4.0		
		07.90- 06.96	110895	28 55					
		07.90- 06.96	111141	14 55	07.90- 06.96	111640	24 4.0		
		07.90- 06.96	112159	28 80	07.90- 06.96	113759	24 4.0		
		05.94- 06.96	113920	28 35					
12.210 4.6	(TGL)[D0834LFL42]	04.83-	110116	28 35	07.90- 06.96	113759	24 4.0		
		04.83-	111146	28 55					
		07.90- 06.96	110895	28 55					
		07.90- 06.96	111141	14 55	07.90- 06.96	111640	24 4.0		
		07.90- 06.96	112159	28 80	07.90- 06.96	113759	24 4.0		
		05.94- 06.96	113920	28 35					
		04.05-	113998	28 110	04.05-	114376	24 4.0		
		04.05-	115486	28 80 A49	04.05-	115513	24 4.0 A49		
		04.05-	115492	28 110 A49	04.05-	115891	24 5.0 A49		
					04.05-	114001	24 4.0		
12.220 4.6	(TGL)[D0834LFL65]	04.05-	113998	28 110					
		04.05-	115492	28 110 A49					
12.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55	05.94- 06.96	113759	24 4.0		
		05.94- 06.96	111141	14 55					
		05.94- 06.96	112159	28 80	05.94- 06.96	111640	24 4.0		
		05.94- 06.96	113920	28 35	05.94- 06.96	113468	24 4.0		
12.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55	08.95- 09.01	111640	24 4.0		
		08.95- 09.01	112159	28 80	08.95-	113468	24 4.0		
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0		



	[D0826LFL10]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95- 08.95- 09.01 02.00- 09.01	113468 113759 116135 11640 112446	24 4.0 24 4.0 24 4.0 24 4.0 24 4.0	A49
12.225 6.9	(L 2000)[D0836LFL02]	07.01- 07.01-	113289 113295	28 90 28 55		09.99- 09.99- 07.01-	113759 116135 112446	24 4.0 24 4.0 24 4.0	A49
	(M 2000 L)[D0836LFL02]	05.01- 05.01-	111842 113289	28 140 28 90		05.01- 05.01- 05.01- 05.01-	113759 116135 112446 113468	24 4.0 24 4.0 24 4.0 24 4.0	
	(M 2000 M)[D0836LF04]	02.03- 02.03-	113289 113295	28 90 28 55		02.03- 02.03- 02.03-	113759 116135 112446	24 4.0 24 4.0 24 4.0	A49
12.232 6.9	(M 90)[D0826LF02]	08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 06.96 05.90- 06.96	110895 111146 112159 112159 111141	28 55 28 55 28 80 28 80 14 55		08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0	
	[D0826LF06]	08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 06.96 05.90- 06.96	110895 111146 112159 111141 111141	28 55 28 55 28 80 14 55		08.88- 06.96 08.88- 06.96 08.88- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0	
	[D0826LF08]	08.88- 06.96 08.88- 06.96 08.88- 06.96 08.88- 06.96 05.90- 06.96 05.94- 06.96	110895 111146 112159 111141 113920	28 55 28 55 28 80 14 55 28 35		08.88- 06.96 08.88- 06.96	111640 113468 113759	24 4.0 24 4.0	
12.240 6.9	(TGL)[D0836LFL40]	04.05- 04.05- 04.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		04.05- 04.05- 04.05- 04.05-	114376 115513 115891 114001	24 4.0 24 4.0 A49 24 5.0 A49 24 4.0	
	(TGM)[D0836LFL50]	12.05- 12.05- 12.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		12.05-	114001 115891	24 4.0 24 5.0 A49	
12.250 6.9	(TGL)[D0836LFL63]	04.05- 04.05-	113998 115492	28 110 28 110 A49					
	(TGM)[D0836LFL63]	10.05- 10.05-	114007 115486	28 80 28 80 A49					
12.262 6.9	(M 90)[D0826LF13]	08.95- 06.96 08.95- 06.96 08.95- 06.96 08.95- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		08.95- 06.96 08.95- 06.96 08.95- 06.96	111640 113468 113759	24 4.0 24 4.0 24 4.0	
12.272 10.0	(M 90)[D2865LF02]	09.91- 10.92 09.91- 10.92	110895 112159	28 55 28 80		09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92	112120 113855 110206 110210 111046 113468	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6 24 4.0	
12.272 6.9	(M 90)[D0826LF04]	10.92- 06.96 10.92- 06.96 10.92- 06.96 10.93- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		10.92- 06.96 10.92- 06.96	113468 113759 111640	24 4.0 24 4.0 24 4.0	
12.280 6.9	(TGM)[D0836LFL51]	12.05- 12.05- 12.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		12.05- 12.05-	114001 115891	24 4.0 24 5.0 A49	
12.285 6.9	(M 2000 M)[D0836LF03]	02.03- 02.03-	113289 113295	28 90 28 55		02.03- 02.03- 02.03-	113759 116135 112446	24 4.0 24 4.0 A49 24 4.0	
12.290 6.9	(TGM)[D0836LFL64]	10.05- 10.05-	114007 115486	28 80 28 80 A49					
13.220 6.9	[D0826LUH12]	07.98- 09.01	111842	28 140					
13.240 6.9	(TGM)[D0836LFL40]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49	
	[D0836LFL50]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49	
	[D0836LFL53]	10.05- 10.05- 10.05- 10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		10.05-	114001	24 4.0	
13.250 6.9	(TGM)[D0836LFL63]	10.05- 10.05- 10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120		10.05-	114001	24 4.0	
	[D0836LFL66]	10.05- 10.05- 10.05- 10.05- 10.05-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 28 120		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49	
13.280 6.9	(TGM)[D0836LFL41]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49	
	[D0836LFL51]	05.06- 05.06- 05.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		05.06- 05.06-	114001 115891	24 4.0 24 5.0 A49	

STARTERS & ALTERNATORS



	(M 2000 M)[D0826LF17]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 01.00 08.95- 12.05 08.95- 12.05 08.95- 02.00- 09.01	113468 113759 116135 111640 112446	24 4.0 24 4.0 24 4.0 24 4.0 24 4.0	A49
14.272 10.0	(M 90)[D2865LF02]	09.91- 10.92 09.91- 10.92	110895 112159	28 55 28 80		09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92 09.91- 10.92	112120 113855 110206 110210 111046 113468	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6 24 4.0	
14.272 6.9	(M 90)[D0826LF04]	10.92- 06.96 10.92- 06.96 10.92- 06.96 05.94- 06.96	110895 111141 112159 113920	28 55 14 55 28 80 28 35		10.92- 06.96 10.92- 06.96	113468 113759	24 4.0 24 4.0	
14.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55		02.00- 09.01 06.98- 01.00 06.98- 06.98-	112446 113468 113759 116135	24 4.0 24 4.0 24 4.0 24 4.0	A49
	(M 2000 M)[D0836LF01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55		06.98- 12.05 06.98- 12.05 02.00- 09.01 06.98- 01.00	113759 116135 112446 113468	24 4.0 24 4.0 24 4.0 24 4.0	A49
14.285 6.9	(M 2000 L)[D0836LFL03]	09.00- 09.00-	113289 113295	28 90 28 55		09.02- 09.06 09.00- 09.00-	113759 116135 112446	24 4.0 24 4.0 24 4.0	A49
	(M 2000 M)[D0836LF03]	02.03- 02.03-	113289 113295	28 90 28 55		02.03- 02.03- 02.03- 02.03-	113759 116135 112446 113468	24 4.0 24 4.0 24 4.0 24 4.0	
	[D0836LFL03]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55		09.99- 12.05 09.99- 12.05 07.01- 08.02	113759 116135 112446	24 4.0 24 4.0 24 4.0	A49
14.290 6.9	(HOCL-NL)[D0836LFL61]		114528* 115496 116459*	28 120 28 120 28 120			114001	24 4.0	
15.163 4.6	(M 2000 L)[D0824LFL06]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 08.95- 08.95-	112446 113759 116135	24 4.0 24 4.0 24 4.0	A49
	[D0824LFL09]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 08.95- 08.95-	112446 113759 116135	24 4.0 24 4.0 24 4.0	A49
15.192 9.5	(F 9)[D2565MF]					01.83- 12.86	110206	24 5.4	
15.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 09.01 08.95-	111640 113759	24 4.0 24 4.0	
	[D0826LFL10]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		02.00- 09.01 08.95- 08.95-	112446 113759 116135 111640	24 4.0 24 4.0 24 4.0 24 4.0	A49
15.225 6.9	(M 2000 L)[D0836LFL02]	09.00- 09.01 09.00- 09.01 09.00- 09.01 09.02- 09.02-	110895 112159 113920 113289 113295	28 55 28 80 28 35 28 90 28 55		09.00- 09.01 09.99- 09.00- 09.01 09.99-	111640 116135 112446 113759	24 4.0 24 4.0 24 4.0 24 4.0	A49
15.240 6.9	(TGM)[D0836LFL40]	10.05- 10.05- 10.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.05-	114001	24 4.0	
	[D0836LFL53]	10.05- 10.05-	113998 115492	28 110 28 110 A49		10.05-	115891	24 5.0	A49
15.250 6.9	(TGM)[D0836LFL63]	10.05- 10.05-	113998 115492	28 110 28 110 A49					
15.255 6.9	(M 2000 L)[D0836LFL05]	07.01- 08.02 07.01- 08.02	113289 113295	28 90 28 55		09.99- 09.99- 07.01- 08.02	113759 116135 112446	24 4.0 24 4.0 24 4.0	A49
15.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01 08.95- 09.01 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		02.00- 09.01 08.95- 08.95- 08.95- 09.01	112446 113759 116135 111640	24 4.0 24 4.0 24 4.0 24 4.0	A49
15.280 6.9	(TGM)[D0836LFL41]	10.05- 10.05- 10.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0	A49
	[D0836LFL54]	10.05- 10.05-	113998 115492	28 110 28 110 A49					
15.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01 06.98- 01.01	113289 113295	28 90 28 55		06.98- 02.00- 09.01 06.98- 01.00 06.98-	116135 112446 113468 113759	24 4.0 24 4.0 24 4.0 24 4.0	A49
15.285 6.9	(M 2000 L)[D0836LFL03]	09.00- 09.02 09.00- 09.02	113289 113295	28 90 28 55		09.99- 09.99- 09.00- 09.02	113759 116135 112446	24 4.0 24 4.0 24 4.0	A49
15.290 6.9	(TGM)[D0836LFL64]	10.05- 10.05- 10.05- 10.05-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49					
15.330 6.9	(TGM)[D0836LFL44]	10.05- 10.05-	114007 115486	28 80 28 80 A49					
	[D0836LFL55]	10.05- 10.05-	114007 115486	28 80 28 80 A49					
15.340 6.9	(TGM)[D0836LFL65]	10.05- 10.05- 10.05- 10.05-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49					
17.192 6.6	(M 90)[D0826TF]	11.86- 07.89 08.88- 06.90	110116 111146	28 35 28 55		08.88- 06.90 08.88- 06.90 08.88- 06.90	113468 113759 111640	24 4.0 24 4.0 24 4.0	

STARTERS & ALTERNATORS



Application list

MAN Continued

17.192 6.9	(M 90)[D0826LF01]	07.90- 06.96	110895	28 55	07.90- 04.95	111640	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	113468	24 4.0
		07.90- 06.96	112159	28 80	07.90- 06.96	113759	24 4.0
		04.92- 04.95	113920	28 35			
	[D0826LF05]	07.90- 06.96	110895	28 55	07.90- 04.95	111640	24 4.0
		07.90- 06.96	111141	14 55	07.90- 06.96	116135	24 4.0 A49
		07.90- 06.96	112159	28 80	07.90- 06.96	113468	24 4.0
		04.92- 04.95	113920	28 35	07.90- 06.96	113759	24 4.0
	[D0826LF07]	07.90- 06.96	110895	28 55	10.92- 04.95	112446	24 4.0
		07.90- 06.96	111141	14 55			
		07.90- 06.96	112159	28 80	07.90- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35	07.90- 06.96	113759	24 4.0
17.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55			
		05.94- 06.96	111141	14 55			
		05.94- 06.96	112159	28 80	05.94- 06.96	113759	24 4.0
		05.94- 06.96	113920	28 35	05.94- 06.96	113468	24 4.0
17.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 04.95	110895	28 55			
		05.90- 01.91	111146	28 55			
		05.90- 04.95	112159	28 80	05.90- 04.95	111640	24 4.0
		04.92- 04.95	113920	28 35	05.90- 04.95	113468	24 4.0
	[D0826LF02]	08.88- 06.96	110895	28 55	08.88- 06.96	113759	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	111640	24 4.0
		08.88- 06.96	113920	28 35	08.88- 06.96	113468	24 4.0
		02.89- 04.95	111146	28 55			
	[D0826LF06]	08.88- 06.96	110895	28 55	08.88- 06.96	111640	24 4.0
		08.88- 06.96	112159	28 80	08.88- 06.96	113468	24 4.0
		02.89- 05.95	111146	28 55			
		10.92- 06.96	113920	28 35	08.88- 09.96	113759	24 4.0
	[D0826LF08]	02.89- 06.96	110895	28 55			
		02.89- 05.95	111146	28 55	02.89- 06.96	111640	24 4.0
		02.89- 06.96	112159	28 80	02.89- 06.96	113468	24 4.0
		08.94- 06.96	113920	28 35	02.89- 06.96	113759	24 4.0
17.272 10.0	(M 90)[D2865LF02]	09.91- 05.95	110895	28 55	09.91- 05.95	113855	24 5.4
		09.91- 05.95	112159	28 80	09.91- 11.91	110206	24 5.4
		11.93- 05.95	113920	28 35	09.91- 05.95	110210	24 6.6
					09.91- 05.95	111046	24 6.6
17.272 6.9	(M 90)[D0826LF04]	10.92- 05.95	110895	28 55	10.92- 05.95	111640	24 4.0
		10.92- 05.95	112159	28 80	10.92- 05.95	113468	24 4.0
		08.94- 05.95	113920	28 35	10.92- 05.95	113759	24 4.0
18.192 6.9	(M 90)[D0826LF01]	09.90- 06.96	110895	28 55			
		09.90- 06.96	111141	14 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	112159	28 80	09.90- 06.96	113759	24 4.0
	[D0826LF05]	09.90- 06.96	110895	28 55			
		09.90- 06.96	111141	14 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	112159	28 80	09.90- 06.96	113759	24 4.0
	[D0826LF07]	09.90- 06.96	110895	28 55			
		09.90- 06.96	111141	14 55			
		09.90- 06.96	112159	28 80	09.90- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35	09.90- 06.96	113759	24 4.0
18.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55			
		05.94- 06.96	111141	14 55			
		05.94- 06.96	112159	28 80	05.94- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35	05.94- 06.96	113759	24 4.0
18.224 6.9	(M 2000 L)[D0826LFL03]	08.95- 09.01	110895	28 55			
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0
		08.95- 09.01	113920	28 35	08.95- 09.01	111640	24 4.0
	[D0826LFL06]	05.01-	110895	28 55	05.01-	112446	24 4.0
		05.01-	112159	28 80	05.01-	113759	24 4.0
		05.01-	113920	28 35	05.01-	116135	24 4.0
	[D0826LFL10]	08.95- 09.01	110895	28 55	05.01-	111640	24 4.0
		08.95- 09.01	112159	28 80	02.00- 09.01	112446	24 4.0
		08.95- 09.01	113920	28 35	08.95-	113759	24 4.0
					08.95-	116135	24 4.0 A49
	[D0836LFL02]	08.95- 09.01	113920	28 35	08.95- 09.01	111640	24 4.0
					08.95-	116135	24 4.0 A49
	(M 2000 M)[D0826LF15]	08.95-	110895	28 55	08.95-	113468	24 4.0
		08.95-	112159	28 80	08.95- 12.05	113759	24 4.0
08.95- 03.97		113920	28 35	08.95-	111640	24 4.0	
				08.95-	111640	24 4.0	
				08.95-	113468	24 4.0	
				08.95- 12.05	113759	24 4.0	
				08.95- 09.99	111640	24 4.0	
				08.95- 01.00	113468	24 4.0	
[D0826LF18]	08.95-	110895	28 55	08.95- 12.05	116135	24 4.0 A49	
	08.95-	112159	28 80	02.00-	112446	24 4.0	
	08.95- 09.01	113920	28 35	08.95- 12.05	113759	24 4.0	
18.225 6.9	(M 2000 L)[D0826LFL03]	05.01-	110895	28 55	05.01-	112446	24 4.0
		05.01-	112159	28 80	05.01-	113759	24 4.0
		05.01-	113920	28 35	05.01-	116135	24 4.0
					05.01-	111640	24 4.0
(M 2000 M)[D0836LF04]	02.03-	113289	28 90				
	02.03-	113295	28 55	02.03-	113759	24 4.0	
18.232 6.9	(M 90)[D0826LF02]	09.90- 06.96	110895	28 55			
		09.90- 06.96	111141	14 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	112159	28 80	09.90- 06.96	113759	24 4.0
	[D0826LF06]	09.90- 06.96	110895	28 55			
		09.90- 06.96	111141	14 55	09.90- 06.96	113468	24 4.0
		09.90- 06.96	112159	28 80	09.90- 06.96	113759	24 4.0
	[D0826LF08]	09.90- 06.96	110895	28 55			
		09.90- 06.96	111141	14 55			
		09.90- 06.96	112159	28 80	09.90- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35	09.90- 06.96	113759	24 4.0



18.240 6.9	(TGM)[D0836LFL40]	10.05-	113998	28 110					
		10.05-	115486	28 80 A49					
		10.05-	115492	28 110 A49	10.05-	115891	24 5.0	A49	
		[D0836LFL53]	05.06-	113998	28 110				
			05.06-	115492	28 110 A49	10.05-	114001	24 4.0	
18.250 6.9	(TGM)[D0836LFL63]	10.05-	113998	28 110					
		10.05-	115492	28 110 A49					
18.255 6.9	(M 2000 L)[D0836LFL05]	09.02-	113289	28 90	09.99-	113759	24 4.0		
		09.02-	113295	28 55	09.99-	116135	24 4.0	A49	
					09.02-	112446	24 4.0		
18.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28 55					
		08.95- 06.96	111141	14 55					
		08.95- 06.96	112159	28 80	08.95- 06.96	113468	24 4.0		
		08.95- 06.96	113920	28 35	08.95- 06.96	113759	24 4.0		
18.264 6.9	(M 2000 L)[D0826LFL09]	08.95- 09.01	110895	28 55	02.00- 09.01	112446	24 4.0		
		08.95- 09.01	112159	28 80	08.95-	113759	24 4.0		
		08.95- 09.01	113920	28 35	08.95-	116135	24 4.0	A49	
					08.95- 09.01	111640	24 4.0		
		(M 2000 M)[D0826LF17]	08.95-	110895	28 55	08.95-	111640	24 4.0	
		08.95-	112159	28 80	08.95-	113468	24 4.0		
		08.95- 09.01	113920	28 35	08.95- 12.05	113759	24 4.0		
18.272 10.0	(M 90)[D2865LF02]	09.91- 05.94	110895	28 55	09.91- 05.94	111046	24 6.6		
		09.91- 05.94	112159	28 80	09.91- 05.94	112120	24 6.6		
		11.93- 05.94	113920	28 35	09.91- 05.94	113855	24 5.4		
					09.91- 05.94	110206	24 5.4		
					09.91- 05.94	110210	24 6.6		
				09.91- 05.94	113468	24 4.0			
18.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28 55					
		10.92- 06.96	111141	14 55					
		10.92- 06.96	112159	28 80	10.92- 06.96	113468	24 4.0		
		05.94- 06.96	113920	28 35	10.92- 06.96	113759	24 4.0		
18.280 6.9	(TGM)[D0836LFL41]	10.05-	113998	28 110					
		10.05-	114007	28 80	10.05-	114001	24 4.0		
		10.05-	115486	28 80 A49	10.05-	115891	24 5.0	A49	
		10.05-	115492	28 110 A49					
		[D0836LFL51]	10.05-	113998	28 110				
			10.05-	115486	28 80 A49	10.05-	114001	24 4.0	
			10.05-	115492	28 110 A49	10.05-	115891	24 5.0	A49
		[D0836LFL54]	10.05-	114007	28 80				
		10.05-	115486	28 80 A49					
18.284 6.9	(M 2000 L)[D0836LF01]	06.98- 01.01	113289	28 90	06.98-	113759	24 4.0		
		06.98- 01.01	113295	28 55	06.98-	116135	24 4.0	A49	
					02.00- 09.01	112446	24 4.0		
					06.98- 01.01	113468	24 4.0		
		(M 2000 M)[D0836LF01]	06.98- 01.01	113289	28 90	06.98- 12.05	113759	24 4.0	
		06.98- 01.01	113295	28 55	06.98- 12.05	116135	24 4.0	A49	
					02.00- 09.01	112446	24 4.0		
					06.98- 01.01	113468	24 4.0		
18.285 6.9	(M 2000 L)[D0836LFL03]	07.01-	113289	28 90	09.02-	112446	24 4.0		
		07.01-	113295	28 55	09.99-	116135	24 4.0	A49	
		(M 2000 M)[D0836LF03]	06.98- 12.05	113289	28 90	06.98- 12.05	116135	24 4.0	
					06.98- 12.05	112446	24 4.0		
					06.98- 12.05	113468	24 4.0		
					06.98- 12.05	113759	24 4.0		
18.290 6.9	(HOCL-NL)[D0836LOH60]		114528*	28 120					
			115496	28 120					
			116459*	28 120					
		(TGM)[D0836LFL64]	10.05-	113998	28 110				
		10.05-	114007	28 80					
		10.05-	115486	28 80 A49					
		10.05-	115492	28 110 A49					
18.310 10.5	(TGA)[D2066LF04]	05.04-	113998	28 110					
		05.04-	114528*	28 120	05.04-	115892	24 5.5	A49	
		05.04- 09.06	115486	28 80 A49					
		05.04- 09.06	115492	28 110 A49	05.04-	115556	24 5.5		
		05.04-	115496	28 120 A49	05.04-	110206	24 5.4		
		[D2066LF14]	05.04-	113998	28 110				
			05.04-	114528*	28 120				
			05.04- 09.06	115486	28 80 A49	05.04-	115556	24 5.5	
			05.04- 09.06	115492	28 110 A49	05.04-	115892	24 5.5	A49
			05.04-	115496	28 120 A49	05.04-	110206	24 5.4	
		[D2066LF28]	05.04-	114528*	28 120	05.04-	115556	24 5.5	
			05.04-	115496	28 120 A49	05.04-	115892	24 5.5	A49
						05.04-	110206	24 5.4	
		[D2066LF35]	05.04-	113998	28 110				
			05.04-	114528*	28 120	05.04-	115892	24 5.5	A49
			05.04- 09.06	115486	28 80 A49				
			05.04- 09.06	115492	28 110 A49				
			05.04-	115496	28 120 A49	05.04-	110206	24 5.4	
						05.04-	115556	24 5.5	
		[D2066LF39]	05.04-	113998	28 110				
		05.04-	114528*	28 120					
		05.04- 09.06	115486	28 80 A49	05.04-	110206	24 5.4		
		05.04- 09.06	115492	28 110 A49	05.04-	115556	24 5.5		
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5	A49	
18.310 12.0	(TGA)[D2866LF26]	09.02- 02.05	114008	28 80	04.00-	113855	24 5.4		
		03.99-	113289	28 90	02.00-	110206	24 5.4		
		03.99-	113295	28 55	04.00-	111046	24 6.6		
		[D2866LF36]	03.99-	113289	28 90	04.00-	111046	24 6.6	
			03.99-	113295	28 55	04.00-	113855	24 5.4	
					02.00-	110206	24 5.4		
18.320 10.5	(TGA)[D2066LF04]	05.04-	114528*	28 120	05.04-	115556	24 5.5		
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5	A49	
					05.04-	110206	24 5.4		

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	[D2066LF14]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115556 110206 115892	24 5.5 24 5.4 24 5.5 A49
	[D2066LF28]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	110206 115556 115892	24 5.4 24 5.5 24 5.5 A49
	[D2066LF35]	05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115892 115556 110206	24 5.5 A49 24 5.5 24 5.4
	[D2066LF39]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115892 115556 110206	24 5.5 A49 24 5.5 24 5.4
	(TGS)[D2066LF28]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07-	115892 115556	24 5.5 A49 24 5.5
	[D2066LF39]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07-	115892 115556	24 5.5 A49 24 5.5
	[D2066LF43]	10.07-	113998	28 110		10.07- 10.07-	115892 115556	24 5.5 A49 24 5.5
18.330 6.9	[D2066LOH01]	10.06-	111842	28 140				
	(TGM)[D0836LFL44]	10.05- 10.05- 10.05- 10.05-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	[D0836LFL52]	10.05- 10.05- 10.05-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.05- 10.05-	114001 115891	24 4.0 24 5.0 A49
	[D0836LFL55]	10.05- 10.05-	114007 115486	28 80 28 80 A49				
18.340 6.9	(TGM)[D0836LFL65]	10.05- 10.05- 10.05- 10.05-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49				
18.350 10.5	(TGA)[D2066LF03]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	110206 115556 115892	24 5.4 24 5.5 24 5.5 A49
	[D2066LF13]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115556 115892 110206	24 5.5 24 5.5 A49 24 5.4
	[D2066LF27]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF33]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115556 115892 110206	24 5.5 24 5.5 A49 24 5.4
	[D2066LF38]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF03]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07- 10.07-	115440 115886	24 7.0 24 5.5
18.360 10.5	(TGA)[D2066LF07]	01.06- 01.06-	113998 115492	28 110 28 110 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF27]	01.06- 01.06-	113998 115492	28 110 28 110 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF38]	01.06- 01.06-	113998 115492	28 110 28 110 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF27]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF38]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49



	[D2066LF42]				10.07-	115556	24 5.5	
					10.07-	115892	24 5.5	A49
	(TGX)[D2066LF27]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
	[D2066LF38]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
	[D2066LF42]	10.07-	113998	28 110				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
	[D2066LF52]	10.07-	113998	28 110				
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49
		10.07-	115492	28 110 A49				
	[D2066LF67]	10.07-	113998	28 110				
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49
		10.07-	115492	28 110 A49				
					10.07-	115556	24 5.5	
18.360 12.0	(TGA)[D2866LF27]	09.02- 03.04	114008	28 80	04.00-	113855	24 5.4	
		03.99-	111842	28 140				
		03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
	[D2866LF37]	03.99-	113289	28 90	02.00-	110206	24 5.4	
		03.99-	113295	28 55	04.00-	111046	24 6.6	
					04.00-	113855	24 5.4	
18.390 10.5	(TGA)[D2066LF02]	05.04-	113998	28 110	05.04-	115556	24 5.5	
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115892	24 5.5	A49
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF12]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5	A49
		05.04-	115496	28 120 A49				
	[D2066LF26]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5	A49
		05.04-	115496	28 120 A49				
	[D2066LF32]	05.04-	113998	28 110				
		05.04-	114528*	28 120	05.04-	115556	24 5.5	
		05.04-	115486	28 80 A49	05.04-	115892	24 5.5	A49
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
	[D2066LF37]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5	A49
		05.04-	115496	28 120 A49				
	(TGS)[D2066LF02]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
		06.08-	115496	28 120 A49	06.08-	115440	24 7.0	
					06.08-	115886	24 5.5	
18.400 10.5	(TGA)[D2066LF26]	10.05-	114007	28 80	10.05-	115556	24 5.5	
		10.05-	115486	28 80 A49	10.05-	115892	24 5.5	A49
	[D2066LF37]	10.05-	114007	28 80	10.05-	115556	24 5.5	
		10.05-	115486	28 80 A49	10.05-	115892	24 5.5	A49
	(TGS)[D2066LF26]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
	[D2066LF37]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49	10.07-	115556	24 5.5	
		10.07-	115496	28 120 A49	10.07-	115892	24 5.5	A49
	[D2066LF41]				10.07-	115556	24 5.5	
					10.07-	115892	24 5.5	A49
	(TGX)[D2066LF26]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
	[D2066LF37]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
		10.07-	115496	28 120 A49				
	[D2066LF41]	10.07-	113998	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49
		10.07-	115496	28 120 A49				
	[D2066LF51]	10.07-	113998	28 110				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49	10.07-	115556	24 5.5	
		10.07-	115496	28 120 A49	10.07-	115892	24 5.5	A49

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	[D2066LF61]	10.07- 10.07- 10.07- 10.07-	113998 115486 115492 115496	28 110 28 80 A49 28 110 A49 28 120 A49		10.07-	115892	24 5.5	A49
18.410 12.0	(TGA)[D2866LF28]	09.02- 12.05 03.99- 03.99-	114008 113289 113295	28 80 28 90 28 55		10.07- 04.00- 02.00- 04.00-	115556 113855 110206 111046	24 5.5 24 5.4 24 5.4 24 6.6	
	[D2866LF32]	03.99- 03.99-	113289 113295	28 90 28 55		04.00- 02.00- 04.00-	113855 110206 111046	24 5.4 24 5.4 24 6.6	
18.430 10.5	(TGA)[D2066LF01]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF11]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF25]	05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF31]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF36]	05.04- 05.04- 05.04- 05.04- 05.04- 05.04-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04-	115556 115892	24 5.5 24 5.5	A49
	(TGS)[D2066LF01]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07-	115886 115440	24 5.5 24 7.0	
18.440 10.5	(TGA)[D2066LF25]	09.05- 09.05-	113998 115492	28 110 28 110 A49		09.05- 09.05-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF36]	09.05- 09.05-	113998 115492	28 110 28 110 A49		09.05- 09.05-	115556 115892	24 5.5 24 5.5	A49
	(TGS)[D2066LF25]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF36]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 24 7.0	A49
	[D2066LF40]					10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	(TGX)[D2066LF25]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	[D2066LF36]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5	A49
	[D2066LF40]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5	A49
	[D2066LF41]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07-	115440	24 7.0	
18.440 12.4	(TGS)[D2676LF22]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49					
	[D2676LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07-	115440 115886	24 7.0 24 5.5	
	(TGX)[D2676LF22]	10.07- 10.07-	114528* 115496	28 120 28 120 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
	[D2676LF26]	10.07-	115496	28 120 A49		10.07- 10.07-	115892 115556	24 5.5 24 5.5	A49
	[D2676LF26]					10.12- 10.12-	115556 115892	24 5.5 24 5.5	A49
18.460 12.8	(TGA)[D2876LF04]	03.99- 03.99-	113289 113295	28 90 28 55		04.00- 04.00- 02.00-	111046 113855 110206	24 6.6 24 5.4 24 5.4	



	[D2876LF07]	03.99- 03.99-	113289 113295	28 90 28 55		04.00- 04.00- 02.00-	113855 111046 110206	24 5.4 24 6.6 24 5.4	
18.480 12.4	(TGA)[D2676LF01]	01.06- 01.06- 01.06- 01.06- 01.06-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49	
	[D2676LF05]	01.06- 01.06- 01.06- 01.06- 01.06- 01.06-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49	
	[D2676LF12]	02.06- 02.06-	113998 115492	28 110 28 110 A49		02.06- 02.06-	115556 115892	24 5.5 24 5.5 A49	
	[D2676LF14]	01.06- 01.06- 01.06- 01.06- 01.06-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49	
	(TGS)[D2676LF02]	10.07- 10.07-	114528* 115496	28 120 28 120 A49					
	[D2676LF05]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07- 10.07- 10.07-	115892 115556 115440	24 5.5 A49 24 5.5 24 7.0	
	[D2676LF07]	10.07- 10.07-	114528* 115496	28 120 28 120 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2676LF14]	10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0	
	(TGX)[D2676LF05]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0	
	[D2676LF07]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49	
	[D2676LF14]	10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0	
	[D2676LF21]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2676LF25]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
18.480 12.8	(TGA)[D2876LF12]	09.02- 09.02- 07.03-	113998 114008 113289	28 110 28 80 28 90		10.02- 09.02- 09.02-	110206 113855 115886 114031	24 5.4 24 5.4 24 5.5 A49 24 5.5	
18.510 12.8	(TGA)[D2876LF05]	04.00- 04.00-	113289 113295	28 90 28 55		04.00- 04.00-	110206 111046	24 5.4 24 6.6	
18.530 12.8	(TGA)[D2876LF13]	09.02- 09.02- 10.02-	113998 114008 113289	28 110 28 80 28 90		09.02- 09.02- 09.02-	114031 115886 113855 110206	24 5.5 24 5.5 A49 24 5.4 24 5.4	
18.540 12.4	(TGA)[D2676LF13]	08.06- 08.06-	113998 115492	28 110 28 110 A49		08.06- 08.06-	115556 115892	24 5.5 24 5.5 A49	
	(TGS)[D2676LF06]					10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2676LF13]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49	
	(TGX)[D2676LF06]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0	
	[D2676LF13]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0	
18.680 16.2	(TGX)[D2868LF02]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49					
	[D2868LF03]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49					
19.233 12.0	(F 2000)[E2866DF01]	09.96- 12.01 09.96- 12.01	110895 112159	28 55 28 80		09.96- 12.01	110206	24 5.4	
19.242 12.0	(F 90)[D2866F/240]	01.88- 02.89	110895	28 55		01.88- 02.89 01.88- 02.89 01.88- 02.89	113855 110206 111046	24 5.4 24 5.4 24 6.6	

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19.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110895	28 55	01.88- 02.90	112120	24 6.6	
		01.88- 02.90	112159	28 80	01.88- 02.90	113855	24 5.4	
					01.88- 02.90	110206	24 5.4	
					01.88- 02.90	110210	24 6.6	
19.272 10.0	(F 90)[D2865LF02]	02.90- 05.95	110895	28 55	02.90- 05.95	112120	24 6.6	
		02.90- 05.95	112159	28 80	02.90- 05.95	113855	24 5.4	
					02.90- 05.95	110206	24 5.4	
					02.90- 05.95	110210	24 6.6	
					02.90- 05.95	111046	24 6.6	
	[D2865LF05]	02.90- 05.95	110895	28 55	02.90- 05.95	111046	24 6.6	
		02.90- 05.95	112159	28 80	02.90- 05.95	112120	24 6.6	
		11.93- 05.95	113920	28 35	02.90- 05.95	113855	24 5.4	
					02.90- 05.95	110206	24 5.4	
					02.90- 05.95	110210	24 6.6	
19.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
19.292 12.0	(F 90)[D2866LF/290]	07.86- 02.90	110895	28 55	07.86- 02.90	111046	24 6.6	
		07.86- 02.90	112159	28 80	07.86- 02.90	113855	24 5.4	
					07.86- 02.90	110206	24 5.4	
19.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	112120	24 6.6	
		01.94-	112159	28 80	01.94-	110206	24 5.4	
		01.94- 09.01	113920	28 35	01.94-	110210	24 6.6	
					01.94-	111046	24 6.6	
					01.94-	113855	24 5.4	
	[D2865LF24]	04.95-	110895	28 55	04.95-	110206	24 5.4	
		04.95-	112159	28 80	01.94-	111046	24 6.6	
		04.95- 09.01	113920	28 35	01.94-	112120	24 6.6	
					01.94-	113855	24 5.4	
					05.00-	110206	24 5.4	
19.310 12.0	(E2000 Evolution)[D2866LF23]							
19.314 12.0	(F 2000)[D2866LF34]	06.98- 12.01	110895	28 55				
		06.98- 01.01	113289	28 90				
		06.98- 01.01	113295	28 55				
		06.98- 12.01	113920	28 35	06.98- 08.02	110206	24 5.4	
		05.01-	110895	28 55				
19.322 10.0	(F 90)[D2865LF03]	02.90- 05.95	110895	28 55	02.90- 06.96	112120	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 05.95	113855	24 5.4	
					02.90- 05.95	110206	24 5.4	
					02.90- 06.96	110210	24 6.6	
					02.90- 06.96	111046	24 6.6	
	[D2865LF06]	02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6	
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6	
		02.90- 06.96	113920	28 35	02.90- 05.95	113855	24 5.4	
					02.90- 05.95	110206	24 5.4	
					02.90- 06.96	110210	24 6.6	
19.322 10.0 Unterflur	(F 90)[D2865LF03]	02.90- 05.94	110895	28 55	02.90- 05.94	111046	24 6.6	
		02.90- 05.94	112159	28 80	02.90- 05.94	112120	24 6.6	
		02.90- 05.94	113920	28 35	02.90- 05.94	113855	24 5.4	
					02.90- 05.94	110206	24 5.4	
					02.90- 05.94	110210	24 6.6	
	[D2865LF06]	02.90- 05.94	110895	28 55	02.90- 05.94	111046	24 6.6	
		02.90- 05.94	112159	28 80	02.90- 05.94	112120	24 6.6	
		02.90- 05.94	113920	28 35	02.90- 05.94	113855	24 5.4	
					02.90- 05.94	110210	24 6.6	
19.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
19.332 12.0	(F 90)[D2866LF/330]	07.86- 02.90	110895	28 55	07.86- 02.90	111046	24 6.6	
		07.86- 02.90	112159	28 80	07.86- 02.90	113855	24 5.4	
					07.86- 02.90	110206	24 5.4	
19.332 12.0 Unterflur	(F 90)[D2866LUL/330]	07.86- 02.90	110895	28 55	07.86- 02.90	110206	24 5.4	
19.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55	05.94- 05.95	110206	24 5.4	
		05.94- 06.96	112159	28 80	05.94- 06.96	110210	24 6.6	
		05.94- 06.96	113920	28 35	05.94- 06.96	111046	24 6.6	
					05.94- 06.96	112120	24 6.6	
19.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	111046	24 6.6	
		01.94-	112159	28 80	01.94-	113855	24 5.4	
		01.94- 09.01	113920	28 35	01.94-	110206	24 5.4	
19.350 10.5	(TGA)[D2066LF03]	05.04-	114528*	28 120	05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49	
	(TGS)[D2066LF03]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120				
					10.07-	115440	24 7.0	
					10.07-	115886	24 5.5	
19.360 10.5	(TGA)[D2066LF07]	05.04-	114528*	28 120	05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49	
	(TGS)[D2066LF07]	02.11-	113998	28 110				
		02.11-	114007	28 80				
		02.11-	114528*	28 120				
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0	
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5	
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49	
		[D2066LF48]	02.11-	113998	28 110			
			02.11-	114007	28 80			
02.11-	114528*		28 120					
02.11-	115486		28 80 A49	02.11-	115440	24 7.0		
02.11-	115492		28 110 A49	02.11-	115556	24 5.5		
02.11-	115496		28 120 A49	02.11-	115892	24 5.5 A49		



	[D2066LF64]	02.11-	113998	28 110					
		02.11-	114007	28 80					
		02.11-	114528*	28 120					
		02.11-	115486	28 80 A49		02.11-	115440	24 7.0	
		02.11-	115492	28 110 A49		02.11-	115556	24 5.5	
		02.11-	115496	28 120 A49		02.11-	115892	24 5.5 A49	
19.360 12.0	(E2000 Evolution)[D2866LF24]					05.00-	110206	24 5.4	
19.362 12.0	(F 90)[D2866KF]	07.86- 02.90	110895	28 55		07.86- 02.90	111046	24 6.6	
		07.86- 02.90	112159	28 80		07.86- 02.90	113855	24 5.4	
						07.86- 02.90	110206	24 5.4	
	[D2866LXF]	07.86- 02.90	110895	28 55		07.86- 02.90	111046	24 6.6	
		07.86- 02.90	112159	28 80		07.86- 02.90	113855	24 5.4	
						07.86- 02.90	110206	24 5.4	
19.362 12.0 Unterflur	(F 90)[D2866KUL]	07.86- 01.91	110895	28 55		07.86- 01.91	110206	24 5.4	
19.364 12.0	(F 2000)[D2866LF35]	06.98- 12.01	110895	28 55					
		06.98- 01.01	113289	28 90					
		06.98- 01.01	113295	28 55					
		06.98- 12.01	113920	28 35		06.98- 12.01	110206	24 5.4	
19.372 12.0	(F 90)[D2866LF03]	02.90- 05.95	110895	28 55		02.90- 05.95	111046	24 6.6	
		02.90- 06.96	112159	28 80		02.90- 05.95	113855	24 5.4	
						02.90- 09.92	110206	24 5.4	
						02.90- 05.95	112120	24 6.6	
	[D2866LF05]	02.90- 05.95	110895	28 55		02.90- 05.95	111046	24 6.6	
		02.90- 06.96	112159	28 80		02.90- 05.95	113855	24 5.4	
		09.93- 06.96	113920	28 35					
						02.90- 11.92	110206	24 5.4	
	[D2866LF15]	02.90- 05.95	110895	28 55		02.90- 05.95	113855	24 5.4	
		02.90- 06.96	112159	28 80					
		09.93- 06.96	113920	28 35					
						02.90- 05.95	111046	24 6.6	
						02.90- 12.94	110206	24 5.4	
	[D2866LXF/Silent]	05.90- 04.95	110895	28 55		05.90- 04.95	113855	24 5.4	
						05.90- 11.90	110206	24 5.4	
						05.90- 04.95	111046	24 6.6	
19.372 12.0 Unterflur	(F 90)[D2866LF03]	02.90- 05.94	110895	28 55		02.90- 05.94	110210	24 6.6	
		02.90- 05.94	112159	28 80		02.90- 05.94	111046	24 6.6	
		02.90- 05.94	113920	28 35		02.90- 05.94	113855	24 5.4	
						02.90- 05.94	110206	24 5.4	
	[D2866LF05]	02.90- 05.94	110895	28 55		02.90- 11.92	110206	24 5.4	
		02.90- 05.94	112159	28 80		02.90- 05.94	111046	24 6.6	
		02.90- 05.94	113920	28 35		02.90- 05.94	113855	24 5.4	
19.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55		01.94- 12.95	110206	24 5.4	
		01.94- 12.95	112159	28 80		01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35		01.94- 12.95	113855	24 5.4	
19.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5 A49	
	(TGS)[D2066LF02]	06.08-	113998	28 110					
		06.08-	114007	28 80					
		06.08-	114016	28 110					
		06.08-	114528*	28 120					
		06.08-	115486	28 80					
		06.08-	115496	28 120		06.08-	115440	24 7.0	
						06.08-	115886	24 5.5	
19.400 10.5	(TGA)[D2066LF06]	05.04-	114528*	28 120		05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49		05.04-	115556	24 5.5	
	(TGS)[D2066LF06]	02.11-	113998	28 110					
		02.11-	114007	28 80					
		02.11-	114528*	28 120					
		02.11-	115486	28 80 A49		02.11-	115440	24 7.0	
		02.11-	115492	28 110 A49		02.11-	115556	24 5.5	
		02.11-	115496	28 120 A49		02.11-	115892	24 5.5 A49	
	[D2066LF49]	02.11-	113998	28 110					
		02.11-	114007	28 80					
		02.11-	114528*	28 120					
		02.11-	115486	28 80 A49		02.11-	115440	24 7.0	
		02.11-	115492	28 110 A49		02.11-	115556	24 5.5	
		02.11-	115496	28 120 A49		02.11-	115892	24 5.5 A49	
	[D2066LF63]	02.11-	113998	28 110					
		02.11-	114007	28 80					
		02.11-	114528*	28 120					
		02.11-	115486	28 80 A49		02.11-	115440	24 7.0	
		02.11-	115492	28 110 A49		02.11-	115556	24 5.5	
		02.11-	115496	28 120 A49		02.11-	115892	24 5.5 A49	
19.402 12.0	(F 90)[D2866LF16]	05.94- 05.95	110895	28 55		05.94- 06.96	110206	24 5.4	
		05.94- 06.96	112159	28 80		05.94- 05.95	111046	24 6.6	
		05.94- 06.96	113920	28 35		05.94- 05.95	113855	24 5.4	
19.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55					
		01.94-	112159	28 80					
		01.94-	113289	28 90		01.94-	110206	24 5.4	
		01.94-	113295	28 55		01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35		01.94-	113855	24 5.4	
19.410 12.0	(E2000 Evolution)[D2866LF25]					05.00-	110206	24 5.4	
19.414 12.0	(F 2000)[D2866LF31]	06.98- 12.01	110895	28 55					
		06.98- 01.01	113289	28 90					
		06.98- 01.01	113295	28 55					
		06.98- 12.01	113920	28 35		06.98- 12.01	110206	24 5.4	
19.422 12.0	(F 90)[D2866LF06]	02.90- 10.92	110895	28 55		02.90- 05.95	113855	24 5.4	
		02.90- 06.96	112159	28 80		02.90- 06.96	110206	24 5.4	
						02.90- 05.95	111046	24 6.6	
	[D2866LF09]	02.90- 05.95	110895	28 55		02.90- 05.95	113855	24 5.4	
		02.90- 06.96	112159	28 80		02.90- 06.96	110206	24 5.4	
		09.93- 06.96	113920	28 35		02.90- 05.95	111046	24 6.6	
	[D2866LF10]	02.90- 05.95	110895	28 55		02.90- 05.95	111046	24 6.6	
		02.90- 05.95	112159	28 80		02.90- 05.95	113855	24 5.4	
						02.90- 11.92	110206	24 5.4	
19.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90- 05.94	110895	28 55		02.90- 11.90	110206	24 5.4	
		02.90- 05.94	112159	28 80		02.90- 05.94	111046	24 6.6	
		02.90- 05.94	113920	28 35		02.90- 05.94	113855	24 5.4	

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	[D2866LF09]	02.90- 05.94	110895	28 55	02.90- 05.94	111046	24 6.6
		02.90- 05.94	112159	28 80	02.90- 05.94	113855	24 5.4
					02.90- 11.92	110206	24 5.4
19.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55			
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24 5.4
		01.94- 12.95	113289	28 90	01.94- 12.95	111046	24 6.6
		01.94- 12.95	113295	28 55			
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
19.430 10.5	(TGA)[D2066LF01]	05.04-	114528*	28 120	05.04-	115556	24 5.5
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
	(TGS)[D2066LF01]	10.07-	113998	28 110			
		10.07-	114007	28 80			
		10.07-	114016	28 110			
		10.07-	114528*	28 120			
		10.07-	115486	28 80			
		10.07-	115496	28 120	10.07-	115886	24 5.5
					10.07-	115440	24 7.0
19.440 10.5	(TGS)[D2066LF50]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49
	[D2066LF62]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49
19.440 12.4	(TGA)[D2676LF04]	02.06-	114528*	28 120	02.06-	115556	24 5.5
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49
	(TGS)[D2676LF04]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49
19.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35			
19.462 18.3	(F 90)[D2840LF/460]	05.87- 02.90	110895	28 55	05.87- 02.90	112120	24 6.6
		05.87- 02.90	112159	28 80	05.87- 02.90	113855	24 5.4
					05.87- 02.90	110210	24 6.6
					05.87- 02.90	111046	24 6.6
19.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	111046	24 6.6
		01.94-	112159	28 80	01.94-	113855	24 5.4
		01.94-	113289	28 90			
		01.94-	113295	28 55	01.94-	110206	24 5.4
19.464 12.8	(F 2000)[D2876LF06]	06.98- 07.01	110895	28 55	06.98- 09.01	110206	24 5.4
		06.98- 01.01	113289	28 90			
		06.98- 01.01	113295	28 55			
		06.98- 07.01	113920	28 35			
19.480 12.4	(TGA)[D2676LF02]	02.06-	114528*	28 120	02.06-	115556	24 5.5
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49
	[D2676LF03]	02.06-	114528*	28 120	02.06-	115556	24 5.5
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49
	(TGS)[D2676LF02]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49
	[D2676LF03]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49
	[D2676LF20]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115440	24 7.0
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5
		02.11-	115496	28 120 A49	02.11-	115892	24 5.5 A49
	[D2676LF31]	02.11-	113998	28 110			
		02.11-	114007	28 80			
		02.11-	114528*	28 120			
		02.11-	115486	28 80 A49	02.11-	115892	24 5.5 A49
		02.11-	115492	28 110 A49	02.11-	115440	24 7.0
		02.11-	115496	28 120 A49	02.11-	115556	24 5.5
19.480 12.8	(TGA)[D2876LF25]	05.04-	114008	28 80			
19.502 18.3	(F 90)[D2840LF01]	02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	110210	24 6.6
		02.90- 06.96	113920	28 35	02.90- 06.96	110210	24 6.6
	[D2840LF04]	02.90- 06.96	110895	28 55			
		02.90- 06.96	112159	28 80	02.90- 06.96	110210	24 6.6
		02.90- 06.96	113920	28 35	02.90- 06.96	111046	24 6.6
	[D2840LF06]	02.90- 06.96	110895	28 55			
		02.90- 06.96	112159	28 80	02.90- 06.96	110210	24 6.6
		02.90- 06.96	113920	28 35	02.90- 06.96	111046	24 6.6
19.603 18.3	(F 2000)[D2840LF20]				04.96-	110210	24 6.6
					04.96-	111046	24 6.6
					04.96-	112120	24 6.6
					04.96-	113855	24 5.4
20.224 6.9	(M 2000 L)[D0826LFL03]	05.01-	110895	28 55	05.01-	112446	24 4.0
		05.01-	111842	28 140	05.01-	113468	24 4.0
		05.01-	113289	28 90	05.01-	113759	24 4.0
		05.01-	113295	28 55	05.01-	116135	24 4.0



21.360 10.5	(TGS)[D2066LF07]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120		10.07-	115440	24 7.0
	[D2066LF48]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120		10.07-	115440	24 7.0
	[D2066LF64]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120				
10.07-		115486	28 80 A49					
10.07-		115496	28 120 A49		10.07-	115440	24 7.0	
10.07-					10.07-	115886	24 5.5	
21.400 10.5	(TGS)[D2066LF06]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120		10.07-	115440	24 7.0
	[D2066LF49]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120		10.07-	115440	24 7.0
	[D2066LF63]	10.07-	114007	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
10.07-		115496	28 120 A49		10.07-	115440	24 7.0	
10.07-					10.07-	115886	24 5.5	
10.07-					10.07-	115886	24 5.5	
21.440 10.5	(TGS)[D2066LF62]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115496	28 120 A49		10.07-	115440	24 7.0
		10.07-				10.07-	115886	24 5.5
21.440 12.4	(TGS)[D2676LF04]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115496	28 120 A49		10.07-	115886	24 5.5
21.480 12.4	(TGS)[D2676LF02]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120		10.07-	115440	24 7.0
	[D2676LF03]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120		10.07-	115440	24 7.0
	[D2676LF20]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120				
10.07-		115486	28 80 A49					
10.07-		115496	28 120 A49		10.07-	115440	24 7.0	
10.07-					10.07-	115886	24 5.5	
22.240 6.9	(TGM)[D0836LFL53]	10.05-	114007	28 80				
		10.05-	115486	28 80 A49				
22.250 6.9	(TGM)[D0836LFL63]	10.05-	114007	28 80				
		10.05-	115486	28 80 A49				
22.280 6.9	(TGM)[D0836LFL54]	10.05-	114007	28 80				
		10.05-	115486	28 80 A49				
22.290 6.9	(TGM)[D0836LFL64]	10.05-	114007	28 80				
		10.05-	115486	28 80 A49				
23.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	111046	24 6.6	
		01.94-	112159	28 80	01.94-	112120	24 6.6	
		01.94- 01.00	113920	28 35	01.94-	113855	24 5.4	
	[D2865LF24]	01.94-			01.94-	110206	24 5.4	
		04.95-	110895	28 55	04.95-	110206	24 5.4	
		04.95-	112159	28 80	01.94-	111046	24 6.6	
		04.95- 01.00	113920	28 35	01.94-	112120	24 6.6	
					01.94-	113855	24 5.4	
					01.94-	113855	24 5.4	
23.314 12.0	(F 2000)	05.01-	113920	28 35	05.01-	110206	24 5.4	
		05.01-	113295	28 55				
		05.01-	113289	28 90				
		05.01-	112159	28 80				
		05.01-	110895	28 55				
23.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	111046	24 6.6	
		01.94- 01.00	113920	28 35	01.94-	113855	24 5.4	

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23.364 12.0	(F 2000)	05.01-	113289	28 90	05.01-	110206	24 5.4
		05.01-	112159	28 80			
		05.01-	110895	28 55			
		05.01-	113920	28 35			
		05.01-	113295	28 55			
23.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55			
		01.94-	112159	28 80			
		01.94-	113289	28 90	01.94-	110206	24 5.4
		01.94-	113295	28 55	01.94-	111046	24 6.6
		01.94- 09.00	113920	28 35	01.94-	113855	24 5.4
23.414 12.0	(F 2000)	05.01-	113920	28 35	05.01-	110206	24 5.4
		05.01-	113295	28 55			
		05.01-	113289	28 90			
		05.01-	112159	28 80			
		05.01-	110895	28 55			
23.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55			
		01.94-	112159	28 80	01.94-	110206	24 5.4
		01.94-	113289	28 90	01.94-	111046	24 6.6
		01.94-	113295	28 55	01.94-	113855	24 5.4
23.464 12.8	(F 2000)	05.01-	113920	28 35	05.01-	110206	24 5.4
		05.01-	113295	28 55			
		05.01-	113289	28 90			
		05.01-	112159	28 80			
		05.01-	110895	28 55			
24.192 6.9	(M 90)[D0826LF01]	05.87-	110116	28 35			
		07.89- 06.96	110895	28 55	07.89- 06.96	111640	24 4.0
		07.89- 06.96	112159	28 80	07.89- 06.96	113468	24 4.0
	[D0826LF05]	05.87-	110116	28 35			
		07.89- 06.96	110895	28 55	07.89- 06.96	111640	24 4.0
		07.89- 06.96	112159	28 80	07.89- 06.96	113468	24 4.0
	[D0826LF07]	05.87-	110116	28 35			
		07.89- 06.96	110895	28 55			
		07.89- 06.96	112159	28 80	07.89- 06.96	111640	24 4.0
		08.94- 06.96	113920	28 35	07.89- 06.96	113468	24 4.0
24.222 6.9	(M 90)[D0826LF11]	05.94- 06.96	110895	28 55			
		05.94- 06.96	111141	14 55			
		05.94- 06.96	112159	28 80	05.94- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35	05.94- 06.96	113759	24 4.0
24.232 6.9	(M 90)[D0826LF/217/Silent]	05.90- 04.95	110895	28 55			
		05.90- 04.95	112159	28 80	05.90- 04.95	111640	24 4.0
		04.92- 04.95	113920	28 35	05.90- 04.95	113468	24 4.0
	[D0826LF02]	07.89- 06.96	110895	28 55	07.89- 06.96	113468	24 4.0
		07.89- 06.96	112159	28 80	07.89- 06.96	113759	24 4.0
	[D0826LF06]	07.89- 06.96	110895	28 55			
		07.89- 06.96	111141	14 55	07.89- 06.96	113468	24 4.0
		07.89- 06.96	112159	28 80	07.89- 06.96	113759	24 4.0
	[D0826LF08]	07.89- 06.96	110895	28 55	07.89- 06.96	113759	24 4.0
		07.89- 06.96	111141	14 55			
07.89- 06.96		112159	28 80				
05.94- 06.96		113920	28 35	07.89- 06.96	113468	24 4.0	
24.242 12.0	(F 90)[D2866F/240]	01.88- 02.90	110895	28 55	01.88- 02.90	113855	24 5.4
					01.88- 07.88	110206	24 5.4
					01.88- 02.90	111046	24 6.6
24.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110895	28 55	01.88- 02.90	111046	24 6.6
		01.88- 02.90	112159	28 80	01.88- 02.90	113855	24 5.4
					01.88- 02.90	110206	24 5.4
					01.88- 02.90	110210	24 6.6
24.262 6.9	(M 90)[D0826LF13]	08.95- 06.96	110895	28 55			
		08.95- 06.96	111141	14 55			
		08.95- 06.96	112159	28 80	08.95- 06.96	113468	24 4.0
		08.95- 06.96	113920	28 35	08.95- 06.96	113759	24 4.0
24.272 10.0	(F 90)[D2865LF02]	02.90- 05.95	110895	28 55	02.90- 05.95	112120	24 6.6
		02.90- 05.95	112159	28 80	02.90- 05.95	113855	24 5.4
		11.93- 05.95	113920	28 35	02.90- 05.95	111046	24 6.6
					02.90- 05.95	110206	24 5.4
	[D2865LF05]				02.90- 05.95	110210	24 6.6
		02.90- 05.95	110895	28 55	02.90- 05.95	111046	24 6.6
		02.90- 05.95	112159	28 80	02.90- 05.95	112120	24 6.6
		02.90- 05.95	113920	28 35	02.90- 05.95	113855	24 5.4
					02.90- 05.95	110206	24 5.4
					02.90- 05.95	110210	24 6.6
(M 90)[D2865LF02]	09.91- 05.94	110895	28 55	09.91- 05.94	111046	24 6.6	
	09.91- 05.94	112159	28 80	09.91- 05.94	112120	24 6.6	
	11.93- 05.94	113920	28 35	09.91- 05.94	113855	24 5.4	
				09.91- 05.94	110206	24 5.4	
				09.91- 05.94	110210	24 6.6	
24.272 6.9	(M 90)[D0826LF04]	10.92- 06.96	110895	28 55			
		10.92- 06.96	111141	14 55	10.92- 06.96	111640	24 4.0
		10.92- 06.96	112159	28 80	10.92- 06.96	113468	24 4.0
		05.94- 06.96	113920	28 35	10.92- 06.96	113759	24 4.0
24.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	113855	24 5.4
		01.94- 12.95	112159	28 80	01.94- 12.95	110206	24 5.4
		01.94- 12.95	113920	28 35	01.94- 12.95	111046	24 6.6
24.292 12.0	(F 90)[D2866LF/290]	10.86- 02.90	110895	28 55	10.86- 02.90	113855	24 5.4
		10.86- 02.90	112159	28 80	10.86- 02.90	111046	24 6.6
24.293 10.0	(F 2000)[D2865LF24]				10.86- 02.90	110206	24 5.4
		01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	111046	24 6.6
		01.94- 01.00	113920	28 35	01.94-	113855	24 5.4
24.302 12.0	(F 90)[D2866LF04]	05.90- 04.95	110895	28 55	05.90- 12.90	110206	24 5.4
		05.90- 04.95	112159	28 80	05.90- 04.95	111046	24 6.6
24.314 12.0	(F 2000)				05.90- 04.95	113855	24 5.4
		05.01-	110895	28 55			



24.320 10.5	(TGS)[D2066LF28]	10.07-	113998	28 110					
		10.07-	114016	28 110					
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5		
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49	
	[D2066LF39]	10.07-	113998	28 110					
		10.07-	114007	28 80					
		10.07-	114528*	28 120					
		10.07-	115486	28 80 A49					
		10.07-	115496	28 120 A49					
	[D2066LF43]	10.07-	113998	28 110					
		10.07-	114007	28 80					
		10.07-	114528*	28 120					
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5		
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5	A49	
[D2066LF53]	10.07-	113998	28 110						
	10.07-	114007	28 80						
	10.07-	114528*	28 120						
	10.07-	115486	28 80 A49						
	10.07-	115492	28 110 A49						
[D2066LF68]	10.07-	113998	28 110						
	10.07-	114007	28 80						
	10.07-	114528*	28 120						
	10.07-	115486	28 80 A49						
	10.07-	115492	28 110 A49						
24.322 10.0	(F 90)[D2865LF03]	02.90- 05.95	110895	28 55	02.90- 05.95	112120	24 6.6		
		02.90- 05.95	112159	28 80	02.90- 05.95	113855	24 5.4		
					02.90- 12.90	110206	24 5.4		
					02.90- 05.95	110210	24 6.6		
					02.90- 05.95	111046	24 6.6		
	[D2865LF06]	02.90- 05.95	110895	28 55	02.90- 05.95	111046	24 6.6		
		02.90- 05.95	112159	28 80	02.90- 05.95	112120	24 6.6		
		02.90- 05.95	113920	28 35	02.90- 05.95	113855	24 5.4		
					02.90- 05.95	110206	24 5.4		
					02.90- 05.95	110210	24 6.6		
	24.322 10.0 Unterflur	(F 90)[D2865LF03]	02.90- 12.90	110895	28 55	02.90- 12.90	112120	24 6.6	
			02.90- 12.90	112159	28 80	02.90- 12.90	113855	24 5.4	
						02.90- 12.90	110206	24 5.4	
						02.90- 12.90	110210	24 6.6	
						02.90- 12.90	111046	24 6.6	
24.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4		
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6		
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4		
24.332 12.0	(F 90)[D2866LF/330]	10.86- 02.90	110895	28 55	10.86- 02.90	110206	24 5.4		
		10.86- 02.90	112159	28 80	10.86- 02.90	113855	24 5.4		
					10.86- 02.90	111046	24 6.6		
24.332 12.0 Unterflur	(F 90)[D2866LUL/330]	10.86- 02.90	110895	28 55	10.86- 02.90	110206	24 5.4		
24.342 10.0	(F 90)[D2865LF09]	05.94- 05.95	110895	28 55	05.94- 05.95	111046	24 6.6		
		05.94- 05.95	112159	28 80	05.94- 05.95	112120	24 6.6		
		05.94- 05.95	113920	28 35	05.94- 05.95	113855	24 5.4		
					05.94- 05.95	110206	24 5.4		
24.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4		
		01.94-	112159	28 80	01.94-	111046	24 6.6		
		01.94- 01.00	113920	28 35	01.94-	113855	24 5.4		
24.350 10.5	(TGA)[D2066LF03]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04- 09.06	115486	28 80 A49					
		05.04- 09.06	115492	28 110 A49	05.04-	115556	24 5.5		
		05.04- 09.06	115496	28 120 A49	05.04-	115892	24 5.5	A49	
	[D2066LF13]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04- 09.06	115486	28 80 A49					
		02.04- 09.06	115492	28 110 A49	05.04-	115556	24 5.5		
		02.04-	115496	28 120 A49	05.04-	115892	24 5.5	A49	
	[D2066LF33]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04-	115486	28 80 A49					
		02.04-	115492	28 110 A49	05.04-	115556	24 5.5		
		02.04-	115496	28 120 A49	05.04-	115892	24 5.5	A49	
[D2066LF38]	02.04-	113998	28 110						
	02.04-	114528*	28 120						
	02.04- 09.06	115486	28 80 A49						
	02.04- 09.06	115492	28 110 A49	05.04-	115556	24 5.5			
	02.04- 09.06	115496	28 120 A49	05.04-	115892	24 5.5	A49		
24.360 10.5	(TGA)[D2066LF03]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04- 09.06	115486	28 80 A49					
		02.04- 09.06	115492	28 110 A49					
		02.04- 09.06	115496	28 120 A49					
	[D2066LF13]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04-	115486	28 80 A49					
		02.04-	115492	28 110 A49	05.04-	115556	24 5.5		
		02.04-	115496	28 120 A49	05.04-	115892	24 5.5	A49	
	[D2066LF33]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04- 07.06	115486	28 80 A49	05.04-	115556	24 5.5		
		02.04- 07.06	115492	28 110 A49	05.04-	115892	24 5.5	A49	
		02.04-	115496	28 120 A49					
[D2066LF38]	05.04-	113998	28 110						
	05.04-	114528*	28 120						
	05.04- 09.06	115486	28 80 A49						
	05.04- 09.06	115492	28 110 A49	05.04-	115892	24 5.5	A49		
	05.04- 09.06	115496	28 120 A49	05.04-	115556	24 5.5			

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MAN Continued

	(TGS)[D2066LF27]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49						
	[D2066LF38]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF42]						10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	(TGX)[D2066LF27]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF38]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF42]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF52]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49						
	[D2066LF67]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
24.360 12.0	(TGA)[D2866LF27]	11.02- 11.02- 11.02- 05.04	113289 113295 114008	28 90 28 55 28 80			11.02-	110206	24 5.4	
24.362 12.0	(F 90)[D2866KF]	10.86- 02.90 10.86- 02.90	110895 112159	28 55 28 80			10.86- 02.90 10.86- 02.90 10.86- 02.90	113855 110206 111046	24 5.4 24 5.4 24 6.6	
	[D2866LXF]	10.86- 02.90 10.86- 02.90	110895 112159	28 55 28 80			10.86- 02.90 10.86- 02.90 10.86- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
24.362 12.0 Unterflur	(F 90)[D2866KUL]	10.86- 02.90	110895	28 55			10.86- 02.90	110206	24 5.4	
24.364 12.0	(F 2000)	05.01-	110895	28 55						
24.372 12.0	(F 90)[D2866LF03]	02.90- 10.92 02.90- 10.92	110895 112159	28 55 28 80			02.90- 05.95 02.90- 05.95 02.90- 05.95	111046 113855 110206	24 6.6 24 5.4 24 5.4	
	[D2866LF15]	02.90- 05.95 02.90- 05.95	110895 112159	28 55 28 80			02.90- 05.95 02.90- 05.95 02.90- 12.94	111046 113855 110206	24 6.6 24 5.4 24 5.4	
	[D2866LXF/Silent]	05.90- 12.90 05.90- 12.90	110895 112159	28 55 28 80			05.90- 12.90 05.90- 12.90 05.90- 12.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
24.372 12.0 Unterflur	(F 90)[D2866LF03]	02.90- 12.90 02.90- 12.90	110895 112159	28 55 28 80			02.90- 12.90 02.90- 12.90 02.90- 12.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
	[D2866LF15]	02.90- 05.95 02.90- 05.95	110895 112159	28 55 28 80			02.90- 05.95 02.90- 05.95 02.90- 10.94	111046 113855 110206	24 6.6 24 5.4 24 5.4	
24.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35			01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4	
24.390 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF12]	05.04- 05.04- 05.04- 09.06 05.04- 09.06 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF32]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
24.400 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF12]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF37]	05.04- 05.04- 05.04- 05.04- 07.06 05.04- 07.06 05.04-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49			05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	(TGS)[D2066LF26]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF37]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49			10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49	



	[D2066LF41]					10.07-	115556	24 5.5	
						10.07-	115892	24 5.5	A49
	(TGX)[D2066LF26]	10.07-	113998	28 110					
		10.07-	114016	28 110					
		10.07-	115486	28 80 A49		10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49		10.07-	115892	24 5.5	A49
	[D2066LF37]	10.07-	113998	28 110					
		10.07-	114016	28 110					
		10.07-	114528*	28 120					
		10.07-	115486	28 80 A49					
		10.07-	115492	28 110 A49		10.07-	115892	24 5.5	A49
		10.07-	115496	28 120 A49		10.07-	115556	24 5.5	
	[D2066LF41]	10.07-	113998	28 110					
		10.07-	115486	28 80 A49		10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49		10.07-	115892	24 5.5	A49
	[D2066LF51]	10.07-	113998	28 110					
		10.07-	115486	28 80 A49					
		10.07-	115492	28 110 A49					
	[D2066LF61]	10.07-	113998	28 110		10.07-	115892	24 5.5	A49
		10.07-	115486	28 80 A49					
		10.07-	115492	28 110 A49					
						10.07-	115556	24 5.5	
24.402 12.0	(F 90)[D2866LF16]	05.94- 05.95	110895	28 55		05.94- 05.95	111046	24 6.6	
		05.94- 05.95	112159	28 80		05.94- 05.95	113855	24 5.4	
						05.94- 12.94	110206	24 5.4	
24.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55					
		01.94-	112159	28 80					
		01.94-	113289	28 90		01.94-	110206	24 5.4	
		01.94-	113295	28 55		01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35		01.94-	113855	24 5.4	
24.410 12.0	(TGA)[D2866LF28]	11.02-	113289	28 90					
		11.02-	113295	28 55		11.02-	110206	24 5.4	
24.414 12.0	(F 2000)	05.01-	110895	28 55					
24.422 12.0	(F 90)[D2866LF06]	02.90- 12.90	110895	28 55		02.90- 05.95	111046	24 6.6	
		02.90- 12.90	112159	28 80		02.90- 05.95	113855	24 5.4	
						02.90- 12.90	110206	24 5.4	
	[D2866LF09]	02.90- 05.95	110895	28 55		02.90- 05.95	111046	24 6.6	
		02.90- 05.95	112159	28 80		02.90- 05.95	113855	24 5.4	
						02.90- 12.94	110206	24 5.4	
24.422 12.0 Unterflur	(F 90)[D2866LF06]	02.90- 12.90	110895	28 55		02.90- 12.90	111046	24 6.6	
		02.90- 12.90	112159	28 80		02.90- 12.90	113855	24 5.4	
						02.90- 12.90	110206	24 5.4	
24.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55					
		01.94- 12.95	112159	28 80					
		01.94- 12.95	113289	28 90		01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113295	28 55		01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35		01.94- 12.95	113855	24 5.4	
24.430 10.5	(TGA)[D2066LF01]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04- 09.06	115486	28 80 A49					
		05.04- 09.06	115492	28 110 A49		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5	A49
	[D2066LF11]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04- 09.06	115486	28 80 A49					
		05.04- 09.06	115492	28 110 A49		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5	A49
	[D2066LF23]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04-	115486	28 80 A49		05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49		05.04-	115892	24 5.5	A49
		05.04-	115496	28 120 A49					
	[D2066LF31]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04-	115486	28 80 A49					
		05.04-	115492	28 110 A49		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5	A49
24.440 10.5	(HOCL-N)[D2066LOH10]		114528*	28 120					
			115496	28 120 A49					
	(TGA)[D2066LF01]	05.04-	113998	28 110					
		05.04-	114016	28 110					
		05.04-	114528*	28 120					
		05.04-	115486	28 80 A49					
		05.04-	115492	28 110 A49					
		05.04-	115496	28 120 A49					
	[D2066LF11]	05.04-	113998	28 110		05.04-	115556	24 5.5	
		05.04-	114528*	28 120		05.04-	115892	24 5.5	A49
		05.04-	115486	28 80 A49					
		05.04-	115492	28 110 A49					
		05.04-	115496	28 120 A49					
	[D2066LF25]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04-	115486	28 80 A49					
		05.04-	115492	28 110 A49		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5	A49
	[D2066LF31]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04-	115486	28 80 A49					
		05.04-	115492	28 110 A49		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5	A49
	[D2066LF36]	05.04-	113998	28 110					
		05.04-	114528*	28 120					
		05.04-	115486	28 80 A49					
		05.04-	115492	28 110 A49		05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5	A49



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	(TGS)[D2066LF25]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF36]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0
	[D2066LF40]					10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	(TGX)[D2066LF25]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF36]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115892 115440 115556	24 5.5 A49 24 7.0 24 5.5
	[D2066LF40]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
24.440 12.4	(TGS)[D2676LF22]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2676LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		10.07- 10.07-	115440 115886	24 7.0 24 5.5
	(TGX)[D2676LF22]	10.07- 10.07-	114528* 115496	28 120 28 120 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF26]					10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF26]					10.12- 10.12-	115556 115892	24 5.5 24 5.5 A49
24.460 12.8	(TGA)[D2876LF04]	11.02- 11.02-	113289 113295	28 90 28 55		11.02-	110206	24 5.4
24.462 18.3	(F 90)[D2840LF/460]	05.87- 02.90 05.87- 02.90	110895 112159	28 55 28 80		05.87- 02.90 05.87- 02.90 05.87- 02.90 05.87- 02.90	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
24.463 12.8	(F 2000)[D2876LF02]	01.94- 01.94- 01.94- 01.94-	110895 112159 113289 113295	28 55 28 80 28 90 28 55		01.94- 01.94- 01.94-	110206 111046 113855	24 5.4 24 6.6 24 5.4
24.464 12.8	(F 2000)	05.01-	110895	28 55				
24.480 12.4	(TGA)[D2676LF01]	01.06- 01.06- 01.06- 01.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF12]	01.06- 01.06- 01.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49		01.06- 01.06-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2676LF05]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	[D2676LF07]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	[D2676LF14]					10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF25]	10.07- 10.07- 10.07- 10.07- 10.07-	114007 114016 114528* 115486 115496	28 80 28 110 28 120 28 80 28 120		10.07- 10.07-	115440 115886	24 7.0 24 5.5
	(TGX)[D2676LF05]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	[D2676LF07]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0
	[D2676LF14]	10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0
	[D2676LF21]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49				
	[D2676LF25]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07-	115556 115892	24 5.5 24 5.5 A49
24.480 12.8	(TGA)[D2876LF12]	09.02- 09.02- 09.06	113998 114008	28 110 28 80		09.02- 09.02- 06.03-	114031 115886 110206	24 5.5 24 5.5 A49 24 5.4



24.502 18.3	(F 90)[D2840LF01]	02.90- 12.90	110895	28 55	02.90- 12.90	113855	24 5.4	
		02.90- 12.90	112159	28 80	02.90- 12.90	111046	24 6.6	
		02.90- 12.90	113920	28 35	02.90- 12.90	112120	24 6.6	
					02.90- 12.90	110210	24 6.6	
24.510 12.8	(TGA)[D2876LF05]	11.02- 06.03	113289	28 90				
		11.02- 06.03	113295	28 55	11.02- 06.03	110206	24 5.4	
24.530 12.8	(TGA)[D2876LF13]	09.01-	113998	28 110	09.01-	114031	24 5.5	
		12.02- 09.06	114008	28 80	09.01-	115886	24 5.5 A49	
					12.02-	110206	24 5.4	
24.540 12.4	(TGA)[D2676LF11]	01.06-	113998	28 110				
		01.06-	114016	28 110				
		01.06-	115486	28 80 A49	01.06-	115556	24 5.5	
		01.06-	115492	28 110 A49	01.06-	115892	24 5.5 A49	
	[D2676LF13]				01.06-	115556	24 5.5	
					01.06-	115892	24 5.5 A49	
	(TGS)[D2676LF06]				10.07-	115556	24 5.5	
					10.07-	115892	24 5.5 A49	
	[D2676LF13]		10.07-	113998	28 110			
			10.07-	114016	28 110	10.07-	115440	24 7.0
			10.07-	115486	28 80 A49	10.07-	115556	24 5.5
			10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49
	(TGX)[D2676LF06]		10.07-	113998	28 110	10.07-	115440	24 7.0
			10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
		02.09-	114528*	28 120				
		02.09-	115496	28 120 A49				
[D2676LF13]		10.07-	113998	28 110				
		10.07-	114016	28 110	10.07-	115440	24 7.0	
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
25.224 6.9	(M 2000 M)[D0826LF15]	08.95-	110895	28 55				
		08.95-	112159	28 80				
		08.95-	113289	28 90	08.95-	111640	24 4.0	
		08.95-	113295	28 55	08.95-	113468	24 4.0	
	[D0826LF18]	08.95- 03.97	113920	28 35	08.95- 12.05	113759	24 4.0	
		08.95-	110895	28 55	08.95- 09.99	111640	24 4.0	
		08.95-	112159	28 80	02.00-	112446	24 4.0	
		08.95-	113289	28 90	08.95- 01.00	113468	24 4.0	
		08.95-	113295	28 55	08.95- 12.05	113759	24 4.0	
		08.95- 03.97	113920	28 35	08.95- 12.05	116135	24 4.0 A49	
[D0826LFL10]				08.95- 12.05	116135	24 4.0 A49		
25.255 6.9	(M 2000 M)[D0836LF05]	10.00-	113295	28 55	10.00-	116135	24 4.0 A49	
					10.00-	112446	24 4.0	
	[D0836LFL05]	10.00-	113295	28 55	10.00-	113759	24 4.0	
					10.00-	116135	24 4.0 A49	
				10.00-	112446	24 4.0		
				10.00-	113759	24 4.0		
25.264 6.9	(M 2000 M)[D0826LF17]	08.95-	110895	28 55				
		08.95-	112159	28 80				
		08.95-	113289	28 90	08.95-	111640	24 4.0	
		08.95-	113295	28 55	08.95-	113468	24 4.0	
		08.95- 09.01	113920	28 35	08.95- 12.05	113759	24 4.0	
25.272 10.0	(F 90)[D2865LF02]	09.90- 10.93	110895	28 55	09.90- 10.93	112120	24 6.6	
		09.90- 10.93	112159	28 80	09.90- 10.93	113855	24 5.4	
					09.90- 10.93	110206	24 5.4	
	[D2865LF05]		09.90- 10.93	110895	28 55	09.90- 10.93	110210	24 6.6
			09.90- 10.93	112159	28 80	09.90- 10.93	110210	24 6.6
					09.90- 10.93	111046	24 6.6	
					09.90- 10.93	112120	24 6.6	
				09.90- 10.93	113855	24 5.4		
				09.90- 10.93	110206	24 5.4		
				09.90- 10.93	110210	24 6.6		
				09.90- 10.93	111046	24 6.6		
25.284 6.9	(M 2000 M)[D0836LF01]	02.00-	113295	28 55	02.00-	116135	24 4.0 A49	
					02.00-	112446	24 4.0	
					02.00-	113759	24 4.0	
25.285 6.9	(M 2000 M)[D0836LF03]	02.03-	113289	28 90	02.03-	113468	24 4.0	
		02.03-	113295	28 55	02.03-	113759	24 4.0	
	[D0836LFL03]				02.03-	112446	24 4.0	
		02.03-	113295	28 55	02.03-	116135	24 4.0 A49	
					02.03-	112446	24 4.0	
				02.03-	113759	24 4.0		
25.302 12.0	(F 90)[D2866LF04]	09.90- 12.91	110895	28 55	09.90- 12.91	111046	24 6.6	
		09.90- 12.91	112159	28 80	09.90- 12.91	113855	24 5.4	
25.322 10.0	(F 90)[D2865LF03]	09.90- 12.92	110895	28 55	09.90- 11.90	110206	24 5.4	
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6	
					09.90- 12.92	113855	24 5.4	
	[D2865LF06]		09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4
			09.90- 12.92	112159	28 80	09.90- 12.92	110210	24 6.6
					09.90- 12.92	110210	24 6.6	
				09.90- 12.92	111046	24 6.6		
				09.90- 12.92	111046	24 6.6		
				09.90- 12.92	112120	24 6.6		
				09.90- 12.92	112120	24 6.6		
				09.90- 12.92	110206	24 5.4		
				09.90- 12.92	110210	24 6.6		
				09.90- 12.92	11046	24 6.6		
25.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 12.92	110895	28 55	09.90- 12.92	112120	24 6.6	
		09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4	
	[D2865LF06]		09.90- 12.92	110895	28 55	09.90- 11.91	110206	24 5.4
			09.90- 12.92	112159	28 80	09.90- 12.92	110210	24 6.6
					09.90- 12.92	11046	24 6.6	
					09.90- 12.92	112120	24 6.6	
					09.90- 12.92	113855	24 5.4	
				09.90- 12.92	110206	24 5.4		
				09.90- 12.92	110210	24 6.6		
				09.90- 12.92	111046	24 6.6		



Application list

MAN Continued

25.372 12.0	(F 90)[D2866LF03]	09.90- 10.93	110895	28 55	09.90- 12.92	113855	24 5.4
		09.90- 10.93	112159	28 80	09.90- 12.92	110206	24 5.4
	[D2866LF05]	09.90- 10.93	110895	28 55	09.90- 10.93	112120	24 6.6
		09.90- 10.93	112159	28 80	09.90- 10.93	113855	24 5.4
	[D2866LXF/Silent]	09.90- 10.93	110895	28 55	09.90- 12.92	110206	24 5.4
		09.90- 10.93	112159	28 80	09.90- 10.93	111046	24 6.6
09.90- 10.93		110895	28 55	09.90- 10.93	112120	24 6.6	
09.90- 10.93		112159	28 80	09.90- 10.93	113855	24 5.4	
25.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 12.92	110895	28 55	09.90- 12.92	111046	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6
	[D2866LF05]	09.90- 12.92	110895	28 55	09.90- 12.92	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
	[D2866LXF/Silent]	09.90- 12.92	110895	28 55	09.90- 12.92	112120	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4
09.90- 12.92		110895	28 55	09.90- 12.92	110206	24 5.4	
09.90- 12.92		112159	28 80	09.90- 12.92	111046	24 6.6	
25.422 12.0	(F 90)[D2866LF06]	09.90- 12.92	110895	28 55	09.90- 12.92	111046	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4
	[D2866LF09]	09.90- 12.92	110895	28 55	09.90- 11.90	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
	[D2866LXF/Silent]	09.90- 12.92	110895	28 55	09.90- 12.92	113855	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	110206	24 5.4
09.90- 12.92		110895	28 55	09.90- 12.92	112120	24 6.6	
09.90- 12.92		112159	28 80	09.90- 12.92	113855	24 5.4	
25.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 12.92	110895	28 55	09.90- 12.92	111046	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	113855	24 5.4
	[D2866LF09]	09.90- 12.92	110895	28 55	09.90- 11.90	110206	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
	[D2866LXF/Silent]	09.90- 12.92	110895	28 55	09.90- 12.92	113855	24 5.4
		09.90- 12.92	112159	28 80	09.90- 12.92	110206	24 5.4
09.90- 12.92		110895	28 55	09.90- 12.92	112120	24 6.6	
09.90- 12.92		112159	28 80	09.90- 12.92	113855	24 5.4	
25.502 18.3	(F 90)[D2840LF01]	09.90- 12.92	110895	28 55	09.90- 12.92	111046	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	112120	24 6.6
		09.90- 12.92	113920	28 35	09.90- 12.92	113855	24 5.4
	[D2840LF04]	09.90- 12.92	110895	28 55	09.90- 12.92	110210	24 6.6
		09.90- 12.92	112159	28 80	09.90- 12.92	111046	24 6.6
		09.90- 12.92	113920	28 35	09.90- 12.92	112120	24 6.6
26.233 12.0	(F 2000)	03.00-	110895	28 55	03.00-	110206	24 5.4
		01.88- 07.89	110895	28 55	01.88- 07.89	113855	24 5.4
26.233 12.0	(F 2000)	03.00-	110895	28 55	03.00-	110206	24 5.4
		01.88- 07.89	110895	28 55	01.88- 07.89	113855	24 5.4
26.242 12.0	(F 90)[D2866F/240]	01.88- 07.89	110895	28 55	01.88- 07.89	113855	24 5.4
		01.88- 07.89	110895	28 55	01.88- 07.89	110206	24 5.4
26.262 10.0	(F 90)[D2865LF/260]	01.88- 02.90	110895	28 55	01.88- 02.90	111046	24 6.6
		01.88- 02.90	112159	28 80	01.88- 02.90	112120	24 6.6
	[D2865LF05]	01.88- 02.90	110895	28 55	01.88- 02.90	110206	24 5.4
		01.88- 02.90	112159	28 80	01.88- 02.90	113855	24 5.4
	[D2865LXF/Silent]	01.88- 02.90	110895	28 55	01.88- 02.90	111046	24 6.6
		01.88- 02.90	112159	28 80	01.88- 02.90	112120	24 6.6
01.88- 02.90		110895	28 55	01.88- 02.90	110206	24 5.4	
01.88- 02.90		112159	28 80	01.88- 02.90	113855	24 5.4	
26.272 10.0	(F 90)[D2865LF02]	02.90- 06.96	110895	28 55	02.90- 06.96	111046	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	112120	24 6.6
		09.93- 06.96	113920	28 35	02.90- 06.96	110210	24 6.6
	[D2865LF05]	02.90- 06.96	110895	28 55	02.90- 12.92	110206	24 5.4
		02.90- 06.96	112159	28 80	02.90- 12.95	113855	24 5.4
		09.93- 06.96	113920	28 35	02.90- 06.96	111046	24 6.6
26.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	110206	24 5.4
		01.94- 12.95	112159	28 80	01.94- 12.95	111046	24 6.6
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4
	[D2865LXF/Silent]	11.02-	113998	28 110	11.02-	114001	24 4.0
		11.02-	115486	28 80 A49	11.02-	115891	24 5.0 A49
		11.02-	115492	28 110 A49	11.02-	115891	24 5.0 A49
26.280 6.9	(TGA)[D0836LF41]	04.06-	113998	28 110	04.06-	114001	24 4.0
		04.06-	115486	28 80 A49	04.06-	115891	24 5.0 A49
		04.06-	115492	28 110 A49	04.06-	115891	24 5.0 A49
	[D0836LFL54]	10.05-	113998	28 110	10.05-	114001	24 4.0
		10.05-	115492	28 110 A49	10.05-	115891	24 5.0 A49
		10.05-	115492	28 110 A49	10.05-	115891	24 5.0 A49
26.285 6.9	(M 2000 L)	05.01-	113295	28 55	05.01-	116135	24 4.0 A49
		05.01-	113289	28 90	05.01-	113759	24 4.0
		05.01-	111842	28 140	05.01-	113468	24 4.0
		05.01-	111842	28 140	05.01-	112446	24 4.0
26.290 6.9	(TGM)[D0836LFL64]	10.05-	114007	28 80	10.05-	114007	28 80
		10.05-	115486	28 80 A49	10.05-	115486	28 80 A49
26.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	110895	28 55	09.87- 02.90	110206	24 5.4
		09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4
		09.87- 02.90	112159	28 80	09.87- 02.90	111046	24 6.6
26.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4
		01.94-	112159	28 80	01.94-	110210	24 6.6
		01.94- 09.01	113920	28 35	01.94-	111046	24 6.6
	[D2865LF24]	01.94-	110895	28 55	01.94-	112120	24 6.6
		01.94-	112159	28 80	01.94-	113855	24 5.4
		01.94- 09.01	113920	28 35	01.94-	110206	24 5.4
26.302 12.0	(F 90)[D2866LF04]	05.90- 12.91	110895	28 55	05.90- 12.91	111046	24 6.6
		05.90- 12.91	112159	28 80	05.90- 12.91	113855	24 5.4
		05.90- 12.91	112159	28 80	05.90- 12.91	110206	24 5.4



26.310 10.5	(TGA)[D2066LF04]	01.04-	114528*	28 120	05.04-	115556	24 5.5	
		01.04- 09.06	115496	28 120 A49	05.04-	115892	24 5.5 A49	
		02.04-	113998	28 110				
		02.04- 09.06	115486	28 80 A49				
		02.04- 09.06	115492	28 110 A49				
		06.05-	114016	28 110				
	[D2066LF14]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49	05.04-	115556	24 5.5	
		02.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49	
	[D2066LF35]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49	05.04-	115556	24 5.5	
02.04-		115496	28 120 A49	05.04-	115892	24 5.5 A49		
[D2066LF39]	02.04-	113998	28 110					
	02.04-	114528*	28 120					
	02.04-	115486	28 80 A49					
	02.04-	115492	28 110 A49					
	02.04-	115496	28 120 A49					
26.310 12.0	(TGA)[D2866LF26]	09.00-	112288	28 55				
		09.00-	113998	28 110				
		09.00- 05.04	114008	28 80	02.00-	110206	24 5.4	
		09.00-	115492	28 110 A49	09.00-	111046	24 6.6	
		03.99-	113289	28 90				
		03.99-	113295	28 55				
	[D2866LF36]	09.00-	112288	28 55				
		09.00-	113998	28 110				
		09.00-	114008	28 80	02.00-	110206	24 5.4	
		09.00-	115492	28 110 A49	09.00-	111046	24 6.6	
		03.99-	113289	28 90				
		03.99-	113295	28 55				
	26.314 12.0	(F 2000)[D2866LF23]	05.01-	110895	28 55			
			05.01-	112159	28 80			
			05.01-	113295	28 55			
05.01-			113920	28 35	05.01-	110206	24 5.4	
05.01-			110895	28 55				
26.320 10.5	(TGA)[D2066LF04]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49				
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49	05.04-	115556	24 5.5	
		06.05-	114016	28 110				
					05.04-	115892	24 5.5 A49	
		[D2066LF14]	02.04-	113998	28 110			
			02.04-	114528*	28 120			
			02.04-	115486	28 80 A49			
			02.04-	115492	28 110 A49	05.04-	115556	24 5.5
			02.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
		[D2066LF28]	05.04-	113998	28 110			
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49			
	05.04-		115492	28 110 A49	05.04-	115556	24 5.5	
	05.04-		115496	28 120 A49	05.04-	115892	24 5.5 A49	
	[D2066LF35]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
	[D2066LF39]	02.04-	113998	28 110	05.04-	115556	24 5.5	
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		02.04-	115496	28 120 A49				
	(TGS)[D2066LF28]	10.07-	113998	28 110	10.07-	116087	24 5.5	
		10.07-	114007	28 80	10.07-	115440	24 7.0	
		10.07-	114016	28 110				
		10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115496	28 120 A49	07.08-	115892	24 5.5 A49	
		10.07-	113998	28 110	10.07-	116087	24 5.5	
		10.07-	114007	28 80	10.07-	115440	24 7.0	
		10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
	[D2066LF39]	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49	07.08-	115892	24 5.5 A49	
		10.07-	113998	28 110	10.07-	116087	24 5.5	
		10.07-	114007	28 80	10.07-	115440	24 7.0	
		10.07-	114528*	28 120	10.07-	115886	24 5.5 A49	
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49	07.08-	115892	24 5.5 A49	
[D2066LF43]	10.07-	113998	28 110	10.07-	116087	24 5.5		
	10.07-	114007	28 80	10.07-	115440	24 7.0		
	10.07-	114528*	28 120	10.07-	115886	24 5.5 A49		
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5		
	10.07-	115492	28 110 A49	07.08-	115892	24 5.5 A49		
	07.08-	113998	28 110					
	07.08-	114007	28 80					
	07.08-	114528*	28 120	07.08-	115440	24 7.0		
	07.08-	115486	28 80 A49	07.08-	115556	24 5.5		
[D2066LF53]	07.08-	115496	28 120 A49	07.08-	115886	24 5.5 A49		
	07.08-	113998	28 110	07.08-	116087	24 5.5		
	07.08-	114007	28 80					
	07.08-	114528*	28 120	07.08-	115440	24 7.0		
	07.08-	115486	28 80 A49	07.08-	115556	24 5.5		
	07.08-	115492	28 110 A49	07.08-	115886	24 5.5 A49		
	07.08-	115496	28 120 A49	07.08-	116087	24 5.5		
	07.08-	113998	28 110					
	07.08-	114007	28 80	07.08-	115440	24 7.0		
[D2066LF68]	07.08-	114528*	28 120	07.08-	115556	24 5.5		
	07.08-	115486	28 80 A49	07.08-	115886	24 5.5 A49		
	07.08-	115492	28 110 A49	07.08-	116087	24 5.5		
	07.08-	115496	28 120 A49					
	07.08-	113998	28 110					
	07.08-	114007	28 80	07.08-	115440	24 7.0		
	07.08-	114528*	28 120	07.08-	115556	24 5.5		
	07.08-	115486	28 80 A49	07.08-	115886	24 5.5 A49		
	07.08-	115492	28 110 A49	07.08-	116087	24 5.5		

STARTERS & ALTERNATORS



Application list

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	(TGX)[D2066LF28]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49				
	[D2066LF43]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49				
26.322 10.0	(F 90)[D2865LF03]	02.90- 06.96 09.90- 06.96 09.93- 06.96	112159 110895 113920	28 80 28 55 28 35	02.90- 09.96 02.90- 12.95 02.90- 06.96 02.90- 06.96 02.90- 06.96	110206 113855 110210 111046 112120	24 5.4 24 5.4 24 6.6 24 6.6 24 6.6	
	[D2865LF06]	02.90- 06.96 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35	02.90- 06.96 02.90- 06.96 02.90- 05.95 02.90- 06.96 02.90- 06.96	111046 112120 113855 110206 110210	24 6.6 24 6.6 24 5.4 24 5.4 24 6.6	
26.322 10.0 Unterflur	(F 90)[D2865LF03]	09.90- 05.94 09.90- 05.94	110895 112159	28 55 28 80	09.90- 05.94 09.90- 05.94 09.90- 05.94 09.90- 05.94 09.90- 05.94	112120 113855 110206 110210 111046	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6	
	[D2865LF06]	09.90- 05.94 09.90- 05.94 01.93- 05.94	110895 112159 113920	28 55 28 80 28 35	09.90- 05.94 09.90- 05.94 09.90- 05.94 09.90- 05.94 09.90- 05.94	111046 112120 113855 110206 110210	24 6.6 24 6.6 24 5.4 24 5.4 24 6.6	
26.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35	01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4	
26.330 6.9	(TGA)[D0836LF44]	11.02- 03.03- 02.05 03.03- 02.05	113998 115486 115492	28 110 28 80 A49 28 110 A49	11.02- 11.02-	114001 115891	24 4.0 24 5.0 A49	
	(TGM)[D0836LFL52]	04.06- 04.06- 04.06-	113998 115486 115492	28 110 28 80 A49 28 110 A49	04.06- 04.06-	114001 115891	24 4.0 24 5.0 A49	
	[D0836LFL55]	10.05- 10.05- 10.05- 10.05-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49				
26.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90 09.87- 02.90	110895 112159	28 55 28 80	09.87- 02.90 09.87- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
26.340 6.9	(TGM)[D0836LFL65]	10.05- 10.05- 10.05- 10.05-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49				
26.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 112159 113920	28 55 28 80 28 35	04.94- 06.96 04.94- 06.96	111046 110210	24 6.6 24 6.6	
26.343 10.0	(F 2000)[D2865LF21]	01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113920	28 55 28 80 28 35	01.94- 01.94- 01.94-	110206 111046 113855	24 5.4 24 6.6 24 5.4	
26.350 10.5	(TGA)[D2066LF03]	01.04- 01.04- 09.06 02.04- 02.04- 09.06 02.04- 09.06 05.04-	114528* 115496 113998 115486 115492 114016	28 120 28 120 A49 28 110 28 80 A49 28 110 A49 28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF13]	01.04- 01.04- 09.06 02.04- 02.04- 09.06 02.04- 09.06 05.04-	114528* 115496 113998 115486 115492 114016	28 120 28 120 A49 28 110 28 80 A49 28 110 A49 28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF33]	05.04- 05.04- 05.04- 05.04- 05.04- 05.04-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49	05.04-	115892	24 5.5 A49	
	[D2066LF38]	02.04- 02.04- 02.04- 02.04- 02.04- 05.04-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110				
	(TGS)[D2066LF03]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49	10.07-	115886	24 5.5	
	[D2066LF07]	05.04- 05.04-	114007 115486	28 80 28 80 A49				
26.360 10.5	(TGA)[D2066LF03]	02.04- 02.04- 02.04- 09.06 02.04- 09.06 02.04- 09.06 05.04-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110	05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49	



[D2066LF13]	02.04-	113998	28 110	05.04-	115556	24	5.5
	02.04-	114528*	28 120				
	02.04-	115486	28 80 A49				
	02.04-	115492	28 110 A49				
	02.04-	115496	28 120 A49				
[D2066LF27]	05.04-	113998	28 110	05.04-	115892	24	5.5 A49
	05.04-	114528*	28 120				
	05.04- 09.06	115486	28 80 A49				
	05.04- 09.06	115492	28 110 A49				
	05.04- 09.06	115496	28 120 A49				
[D2066LF33]	10.07-	113998	28 110	05.04-	115556	24	5.5
	10.07-	114007	28 80				
	02.04-	113998	28 110				
	02.04- 07.06	115486	28 80 A49				
	02.04- 07.06	115492	28 110 A49				
[D2066LF38]	05.04-	113998	28 110	10.07-	115886	24	5.5
	05.04-	114007	28 80				
	05.04-	114016	28 110				
	05.04-	114528*	28 120				
	05.04- 09.06	115486	28 80 A49				
[D2066LF42]	05.04- 09.06	115492	28 110 A49	05.04-	115556	24	5.5
	05.04-	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007	28 80				
	10.07-	114528*	28 120				
[D2066LF48]	10.07-	115486	28 80 A49	10.07-	115886	24	5.5 A49
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007	28 80				
	10.07-	114528*	28 120				
[D2066LF52]	10.07-	115486	28 80 A49	10.07-	115886	24	5.5 A49
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007	28 80				
	10.07-	114528*	28 120				
[D2066LF64]	10.07-	115486	28 80 A49	10.07-	115886	24	5.5 A49
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007	28 80				
	10.07-	114528*	28 120				
[D2066LF67]	10.07-	115486	28 80 A49	10.07-	115886	24	5.5 A49
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007	28 80				
	10.07-	114528*	28 120				
(TGS)[D2066LF27]	10.07-	115486	28 80 A49	10.07-	115886	24	5.5 A49
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
	10.07-	114007	28 80				
	10.07-	114016	28 110				
[D2066LF38]	10.07-	114528*	28 120	10.07-	115440	24	7.0
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49				
	10.07-	113998	28 110				
[D2066LF42]	04.08-	113998	28 110	08.08-	115556	24	5.5
	04.08-	115492	28 110 A49				
	07.08-	114007	28 80				
	07.08-	115486	28 80 A49				
	07.08-	115496	28 120 A49				
(TGX)[D2066LF27]	10.07-	113998	28 110	10.07-	115556	24	5.5
	10.07-	114016	28 110				
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49				
[D2066LF38]	10.07-	113998	28 110	10.07-	115556	24	5.5
	10.07-	114007	28 80				
	10.07-	114016	28 110				
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
[D2066LF42]	10.07-	115496	28 120 A49	10.07-	115892	24	5.5 A49
	10.07-	113998	28 110				
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	07.08-	114007	28 80				
[D2066LF52]	10.07-	113998	28 110	10.07-	115556	24	5.5
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	114007	28 80				
	10.07-	115496	28 120 A49				
[D2066LF67]	10.07-	113998	28 110	10.07-	115556	24	5.5
	10.07-	115486	28 80 A49				
	10.07-	115492	28 110 A49				
	10.07-	114007	28 80				
	10.07-	115496	28 120 A49				
26.360 12.0	(TGA)[D2866LF27]	09.00-	112288	28 55	02.00-	110206	24 5.4
		09.00-	113998	28 110			
		09.00-	114008	28 80	12.00-	111046	24 6.6
		09.00-	115492	28 110 A49	12.00-	113855	24 5.4
		03.99-	113289	28 90			
		03.99-	113295	28 55			

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	[D2866LF37]	09.00- 09.00- 09.00- 09.00- 03.99- 03.99-	112288 113998 114008 115492 113289 113295	28 55 28 110 28 80 28 110 A49 28 90 28 55					
26.362 12.0	(F 90)[D2866KF]	09.87- 02.90 09.87- 02.90	110895 112159	28 55 28 80		02.00-	110206	24 5.4	
	[D2866LXF]	09.87- 02.90 09.87- 02.90	110895 112159	28 55 28 80		09.87- 02.90 09.87- 02.90 09.87- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
26.364 12.0	(F 2000)[D2866LF24]	05.01- 05.01- 05.01-	110895 112159 113289	28 55 28 80 28 90		05.01-	110206	24 5.4	
26.372 12.0	(F 90)[D2866LF03]	02.90- 12.95 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 12.95 01.90- 06.96 02.90- 12.95	113855 110206 111046	24 5.4 24 5.4 24 6.6	
	[D2866LF05]	02.90- 12.95 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 12.95 02.90- 06.96 02.90- 12.95	111046 110206 113855	24 6.6 24 5.4 24 5.4	
	[D2866LF15]	02.90- 12.95 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		09.90- 12.95 09.90- 12.95 09.90- 06.96	111046 113855 110206	24 6.6 24 5.4 24 5.4	
26.372 12.0 Unterflur	(F 90)[D2866LF03]	09.90- 05.94 09.90- 05.94	110895 112159	28 55 28 80		09.90- 05.94 09.90- 05.94 09.90- 05.94	113855 111046 110206	24 5.4 24 6.6 24 5.4	
	[D2866LF05]	09.90- 05.94 09.90- 05.94	110895 112159	28 55 28 80		09.90- 05.94 09.90- 05.94 09.90- 11.92	111046 113855 110206	24 6.6 24 5.4 24 5.4	
26.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113920	28 55 28 80 28 35		01.94- 12.95 01.94- 12.95 01.94- 12.95	111046 113855 110206	24 6.6 24 5.4 24 5.4	
26.390 10.5	(TGA)[D2066LF02]	01.04- 01.04- 02.04- 02.04- 09.06 02.04- 09.06 06.05-	114528* 115496 113998 115486 115492 114016	28 120 28 120 A49 28 110 28 80 A49 28 110 A49 28 110		05.04- 01.04- 05.04-	115892 116087 115556	24 5.5 A49 24 5.5 24 5.5	
	[D2066LF12]	01.04- 01.04- 02.04- 02.04- 09.06 02.04- 09.06 06.05-	114528* 115496 113998 115486 115492 114016	28 120 28 120 A49 28 110 28 80 A49 28 110 A49 28 110		05.04- 01.04- 05.04-	115892 116087 115556	24 5.5 A49 24 5.5 24 5.5	
	[D2066LF24]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	
	[D2066LF32]	05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 114016	28 110 28 120 28 80 A49 28 110 A49 28 110		05.04- 05.04- 05.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	
	[D2066LF37]	02.04- 02.04- 02.04- 02.04- 02.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04- 02.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	
	(TGS)[D2066LF02]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49					
26.400 10.5	(TGA)[D2066LF02]	02.04- 02.04- 02.04- 02.04- 02.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04- 02.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	
	[D2066LF06]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	
	[D2066LF12]	02.04- 02.04- 02.04- 02.04- 02.04- 05.04-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04- 02.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	
	[D2066LF26]	05.04- 05.04- 05.04- 05.04- 05.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		05.04- 05.04- 05.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5	



[D2066LF32]	02.04- 02.04- 02.04- 02.04- 02.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110	02.04- 05.04- 05.04-	116087 115556 115892	24 5.5 24 5.5 24 5.5 A49	
[D2066LF37]	01.04- 01.04- 01.04- 01.04- 05.04- 05.04- 06.05-	113998 114007 115486 115492 114528* 115496 114016	28 110 28 80 28 80 A49 28 110 A49 28 120 28 120 A49 28 110	 05.04- 05.04- 05.04-	 115892 116087 115556	 24 5.5 A49 24 5.5 24 5.5	
(TGS)[D2066LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 02.09- 02.09-	113998 114007 114016 114528* 115486 115496 113998 113998 115492	28 110 28 80 28 110 28 120 28 80 A49 28 120 A49 28 110 28 110 A49 28 110 A49	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	116087 115440 115886 115556 115892	24 5.5 24 7.0 24 5.5 A49 24 5.5 24 5.5 A49	
[D2066LF37]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 02.09-	116087 115440 115886 115556 115892	24 5.5 24 7.0 24 5.5 A49 24 5.5 24 5.5 A49	
[D2066LF41]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.08- 10.08- 02.09-	113998 114007 114528* 115486 115496 113998 113998 115492 114016	28 110 28 80 28 120 28 80 A49 28 120 A49 28 110 28 110 28 110 A49 28 110	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	116087 115440 115886 115556 115892	24 5.5 24 7.0 24 5.5 24 5.5 24 5.5 A49	
[D2066LF49]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 10.07-	115440 115556 115886 116087	24 7.0 24 5.5 24 5.5 A49 24 5.5	
[D2066LF51]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 10.07-	115440 115556 115886 116087	24 7.0 24 5.5 24 5.5 A49 24 5.5	
[D2066LF61]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 02.09-	113998 114007 114528* 115486 115496 113998 114016	28 110 28 80 28 120 28 80 A49 28 120 A49 28 110 28 110	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	115556 116087 115440 115886 115892	24 5.5 24 5.5 24 7.0 24 5.5 A49 24 5.5 A49	
[D2066LF63]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 10.07-	115440 115556 115886 116087	24 7.0 24 5.5 24 5.5 A49 24 5.5	
(TGX)[D2066LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496 114016	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	115556 115892 115440 115886	24 5.5 24 5.5 A49 24 7.0 24 5.5 A49	
[D2066LF37]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49	10.07- 10.07- 10.07- 10.07-	115440 115886 115556 115892	24 7.0 24 5.5 A49 24 5.5 24 5.5 A49	
[D2066LF41]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	115440 115886 115556 115892	24 7.0 24 5.5 A49 24 5.5 24 5.5 A49	
[D2066LF51]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 10.07-	115440 115556 115886	24 7.0 24 5.5 24 5.5 A49	
[D2066LF61]	10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49	10.07- 10.07- 10.07- 10.07- 10.07-	115440 115886 115556 115892	24 7.0 24 5.5 A49 24 5.5 24 5.5 A49	
26.402 12.0	(F 90)[D2866LF16]	05.94- 12.95 05.94- 06.96 05.94- 06.96	110895 112159 113920	28 55 28 80 28 35	05.94- 12.95 05.94- 12.95 05.94- 06.96	111046 113855 110206	24 6.6 24 5.4 24 5.4
26.403 12.0	(F 2000)[D2866LF20]	01.94- 01.94- 01.94- 01.94- 01.94- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35	01.94- 01.94- 01.94-	110206 111046 113855	24 5.4 24 6.6 24 5.4

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26.410 12.0	(TGA)[D2866LF28]	12.00-	112288	28 55					
		12.00-	113998	28 110					
		12.00-	114008	28 80					
		12.00-	115492	28 110 A49		02.00-	110206	24 5.4	
		03.99-	113289	28 90					
	03.99-	113295	28 55						
	[D2866LF32]	12.00-	112288	28 55					
		12.00-	113998	28 110					
		12.00-	114008	28 80					
		12.00-	115492	28 110 A49		02.00-	110206	24 5.4	
03.99-		113289	28 90						
26.414 12.0	(F 2000)[D2866LF25]	05.01-	110895	28 55					
		05.01-	112159	28 80					
		05.01-	113289	28 90		05.01-	110206	24 5.4	
26.422 12.0	(F 90)[D2866LF06]	02.90- 12.95	110895	28 55		08.89- 12.95	113855	24 5.4	
		02.90- 12.95	112159	28 80		02.90- 12.92	110206	24 5.4	
		09.93- 06.96	113920	28 35		02.90- 12.95	111046	24 6.6	
	[D2866LF09]	02.90- 12.95	110895	28 55		02.90- 12.95	111046	24 6.6	
		02.90- 06.96	112159	28 80		08.89- 12.95	113855	24 5.4	
		09.93- 06.96	113920	28 35		02.90- 06.96	110206	24 5.4	
26.422 12.0 Unterflur	(F 90)[D2866LF06]	09.90- 05.94	110895	28 55		09.90- 05.94	111046	24 6.6	
		09.90- 05.94	112159	28 80		09.90- 05.94	113855	24 5.4	
						09.90- 11.90	110206	24 5.4	
	[D2866LF09]	09.90- 05.94	110895	28 55		09.90- 05.94	111046	24 6.6	
		09.90- 05.94	112159	28 80		09.90- 05.94	113855	24 5.4	
						09.90- 11.92	110206	24 5.4	
26.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55					
		01.94- 12.95	112159	28 80					
		01.94- 12.95	113289	28 90		01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113295	28 55		01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35		01.94- 12.95	113855	24 5.4	
26.430 10.5	(TGA)[D2066LF01]	12.00-	114528*	28 120		05.04-	115886	24 5.5 A49	
		12.00- 09.06	115496	28 120 A49		05.04-	115892	24 5.5 A49	
		05.04-	113998	28 110					
		05.04-	114007	28 80		05.04-	115440	24 7.0	
		05.04- 09.06	115486	28 80 A49		05.04-	115556	24 5.5	
		05.04- 09.06	115492	28 110 A49					
		06.05-	114016	28 110					
		[D2066LF11]	12.00-	114528*	28 120				
			12.00-	115496	28 120 A49		05.04-	115886	24 5.5 A49
			02.04-	113998	28 110				
			02.04- 09.06	115486	28 80 A49		05.04-	115440	24 7.0
			02.04- 09.06	115492	28 110 A49				
	05.04-		113998	28 110		02.04-	115556	24 5.5	
	05.04-	114007	28 80		02.04-	115892	24 5.5 A49		
	06.05-	114016	28 110						
	[D2066LF23]	05.04-	113998	28 110					
		05.04-	114007	28 80		05.04-	115440	24 7.0	
		05.04-	114528*	28 120		05.04-	115886	24 5.5 A49	
		05.04-	115486	28 80 A49		05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49					
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5 A49	
	[D2066LF25]	05.04-	113998	28 110					
		05.04-	114007	28 80		05.04-	115440	24 7.0	
		05.04-	114528*	28 120		05.04-	115886	24 5.5 A49	
		05.04-	115486	28 80 A49		05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49					
		05.04-	115496	28 120 A49		05.04-	115892	24 5.5 A49	
	[D2066LF31]	02.04-	113998	28 110					
		02.04-	114528*	28 120		05.04-	115886	24 5.5	
		02.04-	115486	28 80 A49		02.04-	115556	24 5.5	
		02.04-	115492	28 110 A49					
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49	
		05.04-	113998	28 110					
	05.04-	114007	28 80		05.04-	115440	24 7.0		
	06.05-	114016	28 110						
	[D2066LF36]	02.04-	113998	28 110					
		02.04-	114528*	28 120		05.04-	115886	24 5.5 A49	
		02.04- 09.06	115486	28 80 A49		02.04-	115556	24 5.5	
		02.04- 09.06	115492	28 110 A49					
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49	
		05.04-	113998	28 110					
		05.04-	114007	28 80		05.04-	115440	24 7.0	
06.05-		114016	28 110						
(TGS)[D2066LF01]		10.07-	113998	28 110					
		10.07-	114007	28 80					
		10.07-	114016	28 110					
		10.07-	114528*	28 120					
	10.07-	115486	28 80 A49						
	10.07-	115492	28 110 A49						
	10.07-	115496	28 120 A49		10.07-	115440	24 7.0		
					10.07-	115886	24 5.5		
26.440 10.5	(TGA)[D2066LF01]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04-	115486	28 80 A49					
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5	
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49	
		06.05-	114016	28 110					
	[D2066LF11]	02.04-	113998	28 110					
		02.04-	114528*	28 120					
		02.04-	115486	28 80 A49					
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5	
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49	
		06.05-	114016	28 110					



[D2066LF23]	02.04-	113998	28 110				
	02.04-	114528*	28 120				
	02.04-	115486	28 80 A49				
	02.04-	115492	28 110 A49	02.04-	115556	24 5.5	
	02.04-	115496	28 120 A49	02.04-	115892	24 5.5	A49
[D2066LF31]	05.04- 03.09	113998	28 110				
	05.04- 03.09	114528*	28 120				
	05.04- 03.09	115486	28 80 A49				
	05.04- 03.09	115492	28 110 A49	05.04-	115556	24 5.5	
	05.04- 03.09	115496	28 120 A49	05.04-	115892	24 5.5	A49
	06.05-	114016	28 110				
[D2066LF36]	07.06- 03.09	114007	28 80				
	01.04-	113998	28 110				
	01.04-	114007	28 80	05.04-	115556	24 5.5	
	01.04-	115486	28 80 A49	05.04-	115892	24 5.5	A49
	01.04-	115492	28 110 A49				
	05.04-	114528*	28 120				
(TGS)[D2066LF25]	05.04-	115496	28 120 A49				
	10.07-	113998	28 110	10.07-	116087	24 5.5	
	10.07-	114007	28 80	10.07-	115440	24 7.0	
	10.07-	114016	28 110				
	10.07-	114528*	28 120	10.07-	115886	24 5.5	A49
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115496	28 120 A49	02.09-	115892	24 5.5	A49
	02.09-	113998	28 110				
	02.09-	115492	28 110 A49				
[D2066LF36]	10.07-	113998	28 110	10.07-	116087	24 5.5	
	10.07-	114007	28 80	10.07-	115440	24 7.0	
	10.07-	114016	28 110				
	10.07-	114528*	28 120	10.07-	115886	24 5.5	
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49	02.09-	115892	24 5.5	A49
[D2066LF40]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	114007	28 80	10.07-	115886	24 5.5	A49
	10.07-	114528*	28 120	10.07-	116087	24 5.5	
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115496	28 120 A49	02.09-	115892	24 5.5	A49
	02.09-	113998	28 110				
	02.09-	115492	28 110 A49				
[D2066LF50]	10.07-	113998	28 110				
	10.07-	114007	28 80	10.07-	115440	24 7.0	
	10.07-	114528*	28 120	10.07-	115556	24 5.5	
	10.07-	115486	28 80 A49	10.07-	115886	24 5.5	
	10.07-	115496	28 120 A49	10.07-	116087	24 5.5	
[D2066LF62]	10.07-	113998	28 110				
	10.07-	114007	28 80	10.07-	115440	24 7.0	
	10.07-	114528*	28 120	10.07-	115556	24 5.5	
	10.07-	115486	28 80 A49	10.07-	115886	24 5.5	A49
	10.07-	115496	28 120 A49	10.07-	116087	24 5.5	
(TGX)[D2066LF25]	10.07-	113998	28 110	10.07-	115556	24 5.5	
	10.07-	114007	28 80	10.07-	115892	24 5.5	A49
	10.07-	114016	28 110				
	10.07-	114528*	28 120				
	10.07-	115486	28 80 A49	10.07-	115440	24 7.0	
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49	10.07-	115886	24 5.5	A49
[D2066LF36]	09.07-	114007	28 80	10.07-	115886	24 5.5	A49
	09.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	113998	28 110				
	10.07-	114016	28 110				
	10.07-	114528*	28 120	10.07-	115440	24 7.0	
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49	10.07-	115892	24 5.5	A49
[D2066LF40]	10.07-	113998	28 110				
	10.07-	114007	28 80	10.07-	115886	24 5.5	
	10.07-	114528*	28 120	10.07-	115440	24 7.0	
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49	10.07-	115892	24 5.5	A49
26.440 12.4 (TGS)[D2676LF04]	05.08-	113998	28 110				
	05.08-	114007	28 80				
	05.08-	114016	28 110				
	05.08-	114528*	28 120				
	05.08-	115486	28 80 A49	05.08-	115440	24 7.0	
	05.08-	115496	28 120 A49				
	02.09-	115492	28 110 A49	05.08-	115886	24 5.5	
[D2676LF22]	10.07-	113998	28 110				
	10.07-	114007	28 80	10.07-	115556	24 5.5	
	10.07-	114016	28 110				
	10.07-	114528*	28 120	10.07-	116087	24 5.5	
	10.07-	115486	28 80 A49	10.07-	115440	24 7.0	
	10.07-	115492	28 110 A49				
[D2676LF26]	10.07-	115496	28 120 A49	10.07-	115886	24 5.5	A49
	10.07-	113998	28 110				
	10.07-	114007	28 80	10.07-	115556	24 5.5	
	10.07-	114016	28 110				
	10.07-	114528*	28 120	10.07-	116087	24 5.5	
	10.07-	115486	28 80 A49	10.07-	115440	24 7.0	
(TGX)[D2676LF22]	10.07-	115492	28 110 A49				
	10.07-	115496	28 120 A49	10.07-	115886	24 5.5	A49
	07.08-	114528*	28 120	10.12-	115440	24 7.0	
	07.08-	115496	28 120 A49	07.08-	115892	24 5.5	A49
	10.12-	113998	28 110	10.12-	115886	24 5.5	A49
	10.12-	114007	28 80	10.12-	116087	24 5.5	
10.12-	115486	28 80 A49	07.08-	115556	24 5.5		



	(TGX)[D2676LF05]	09.07-	114528*	28 120	10.07-	115556	24 5.5
		09.07-	115496	28 120 A49	10.07-	115440	24 7.0
		10.07-	113998	28 110			
		10.07-	114007	28 80	10.07-	115886	24 5.5
		10.07-	114016	28 110			
		10.07-	115486	28 80 A49	10.07-	115892	24 5.5 A49
	[D2676LF07]	10.07-	113998	28 110			
		10.07-	114007	28 80	10.07-	115886	24 5.5 A49
		10.07-	114528*	28 120	10.07-	115440	24 7.0
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49	10.07-	115892	24 5.5 A49
	[D2676LF14]	10.07-	113998	28 110			
		10.07-	114007	28 80	10.07-	115886	24 5.5 A49
		10.07-	114016	28 110			
		10.07-	114528*	28 120	10.07-	115440	24 7.0
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49			
	[D2676LF21]	10.07-	113998	28 110			
		10.07-	114007	28 80			
		10.07-	114528*	28 120	10.07-	115440	24 7.0
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49	10.07-	115886	24 5.5 A49
	[D2676LF25]	10.07-	113998	28 110			
		10.07-	114007	28 80	10.07-	115440	24 7.0
		10.07-	114528*	28 120	10.07-	115886	24 5.5 A49
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49			
		10.07-	115496	28 120 A49	10.07-	115892	24 5.5 A49
26.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110	09.02-	113855	24 5.4
		09.02- 09.06	114008	28 80	09.02-	114031	24 5.5
		09.02-	115492	28 110 A49	09.02-	115886	24 5.5 A49
					09.02-	110206	24 5.4
					09.02-	115892	24 5.5 A49
					09.02-	114031	24 5.5
	[D2876LF25]				09.02-	114031	24 5.5
					09.02-	115886	24 5.5 A49
26.502 18.3	(F 90)[D2840LF01]	02.90- 06.96	110895	28 55	02.90- 06.96	112120	24 6.6
		02.90- 06.96	112159	28 80	02.90- 12.92	113855	24 5.4
		02.90- 06.96	113920	28 35	02.90- 06.96	110210	24 6.6
					02.90- 06.96	111046	24 6.6
	[D2840LF04]	02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	111046	24 6.6
		02.90- 06.96	113920	28 35	02.90- 06.96	112120	24 6.6
					02.90- 12.92	113855	24 5.4
	[D2840LF06]	02.90- 06.96	110895	28 55	02.90- 06.96	110210	24 6.6
		02.90- 06.96	112159	28 80	02.90- 06.96	111046	24 6.6
		02.90- 06.96	113920	28 35	02.90- 06.96	112120	24 6.6
26.510 12.8	(TGA)[D2876LF05]	12.00-	112288	28 55			
		12.00-	113998	28 110	12.00-	111046	24 6.6
		12.00-	114008	28 80	02.00- 06.03	110206	24 5.4
		12.00-	115492	28 110 A49	12.00-	113855	24 5.4
		03.99- 06.03	113289	28 90			
		03.99- 06.03	113295	28 55			
26.530 12.8	(TGA)[D2876LF13]	01.01-	113998	28 110	09.02-	115886	24 5.5 A49
		09.02-	114008	28 80	09.02-	110206	24 5.4
		09.02-	115492	28 110 A49	01.01-	113855	24 5.4
					09.02-	114031	24 5.5
					09.02-	115892	24 5.5 A49
26.540 12.4	(TGA)[D2676LF13]	08.06-	113998	28 110	08.06-	115440	24 7.0
					08.06-	116087	24 5.5
		08.06-	114007	28 80	08.06-	115556	24 5.5
		08.06-	115486	28 80 A49	08.06-	115892	24 5.5 A49
		08.06-	115492	28 110 A49	08.06-	115886	24 5.5 A49
	(TGS)[D2676LF06]	10.07-	113998	28 110	10.07-	115440	24 7.0
		10.07-	114007	28 80	10.07-	115886	24 5.5 A49
		10.07-	114528*	28 120	10.07-	116087	24 5.5
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115496	28 120 A49	10.07-	115892	24 5.5 A49
	[D2676LF13]	10.07-	113998	28 110	10.07-	115440	24 7.0
		10.07-	114007	28 80	10.07-	115886	24 5.5 A49
		10.07-	114528*	28 120	10.07-	116087	24 5.5
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115496	28 120 A49	10.07-	115892	24 5.5 A49
	(TGX)[D2676LF06]	10.07-	113998	28 110	10.07-	115440	24 7.0
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49
		10.07-	115496	28 120 A49			
[D2676LF13]	10.07-	113998	28 110				
	10.07-	114016	28 110				
	10.07-	114528*	28 120				
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
	10.07-	115496	28 120 A49	10.07-	115440	24 7.0	
[D2676LF06]	10.12-	114007	28 80				
	10.12-	114016	28 110				
	10.12-	114528*	28 120				
	10.12-	115486	28 80				
	10.12-	115496	28 120				
26.603 18.3	(F 2000)[D2840LF20]				10.12-	115440	24 7.0
					06.96-	110210	24 6.6
					06.96-	111046	24 6.6
					06.96-	112120	24 6.6
					06.96-	113855	24 5.4

STARTERS & ALTERNATORS



Application list

MAN Continued

27.273 10.0	(F 2000)[D2865LF22]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	112159	28 80	01.94- 12.95	113855	24 5.4	
		01.94- 12.95	113920	28 35	01.94- 12.95	110206	24 5.4	
27.293 10.0	(F 2000)[D2865LF20]	01.94-	110895	28 55	01.94-	111046	24 6.6	
		01.94-	112159	28 80	01.94-	112120	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
	[D2865LF24]	04.95-	110895	28 55	01.94-	111046	24 6.6	
		04.95-	112159	28 80	01.94-	112120	24 6.6	
		04.95- 09.01	113920	28 35	01.94-	113855	24 5.4	
27.314 12.0	(F 2000)[D2866LF23]				06.98-	110206	24 5.4	
		05.01-	110895	28 55	05.01-	110206	24 5.4	
27.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	112159	28 80	01.94- 12.95	113855	24 5.4	
		01.94- 12.95	113920	28 35	01.94- 12.95	110206	24 5.4	
27.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	112120	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
27.364 12.0	(F 2000)[D2866LF24]				06.98-	110206	24 5.4	
		05.01-	110895	28 55	05.01-	110206	24 5.4	
27.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95	110895	28 55				
		01.94- 12.95	112159	28 80				
		01.94- 12.95	113289	28 90	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113295	28 55	01.94- 12.95	111046	24 6.6	
		01.94- 12.95	113920	28 35	01.94- 12.95	113855	24 5.4	
27.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	110210	24 6.6	
		01.94-	113289	28 90	01.94-	111046	24 6.6	
		01.94-	113295	28 55	01.94-	112120	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
27.414 12.0	(F 2000)[D2866LF25]				06.98-	110206	24 5.4	
		05.01-	110895	28 55	05.01-	110206	24 5.4	
27.423 12.0	(F 2000)[D2866LF22]	01.94- 12.95	110895	28 55				
		01.94- 12.95	112159	28 80				
		01.94- 12.95	113289	28 90	01.91- 12.95	113855	24 5.4	
		01.94- 12.95	113295	28 55	01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113920	28 35	01.94- 12.95	111046	24 6.6	
27.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	110210	24 6.6	
		01.94-	113289	28 90	01.94-	111046	24 6.6	
		01.94-	113295	28 55	01.94-	112120	24 6.6	
		01.94- 09.01	113920	28 35	01.91-	113855	24 5.4	
27.464 12.8	(F 2000)[D2876LF03]				07.00-	110895	28 55	
					05.01-	110206	24 5.4	
27.464 12.8	[D2876LF06]	01.94-	110895	28 55				
		05.01-	110895	28 55				
27.603 18.3	(F 2000)[D2840LF20]				05.01-	110206	24 5.4	
					01.96-	110210	24 6.6	
					01.96-	111046	24 6.6	
					01.96-	112120	24 6.6	
28.230 12.0	(E 2000)[E2866DF01]	05.00-	110895	28 55				
		05.00-	112159	28 80				
28.310 10.5	(TGA)[D2066LF04]	09.02-	114528*	28 120				
		09.02-	115496	28 120 A49	09.02-	115892	24 5.5 A49	
		07.06-	113998	28 110				
		07.06-	114007	28 80				
		07.06-	114016	28 110				
		07.06-	115486	28 80 A49	09.02-	115556	24 5.5	
		07.06-	115492	28 110 A49				
		[D2066LF14]	06.04-	114528*	28 120			
		06.04-	115496	28 120 A49	06.04-	115892	24 5.5 A49	
		07.06-	113998	28 110				
		07.06-	114007	28 80				
		07.06-	114016	28 110				
		07.06-	114528*	28 120				
		07.06-	115486	28 80 A49	07.06-	115556	24 5.5	
		07.06-	115492	28 110 A49				
07.06-	115496	28 120 A49	07.06-	115892	24 5.5 A49			
28.310 12.0	(TGA)[D2866LF26]	09.02-	113289	28 90				
		09.02-	113295	28 55				
		09.02-	113998	28 110				
		09.02-	114008	28 80				
		07.06-	115492	28 110	09.02-	110206	24 5.4	
		07.06-	115496	28 120 A49				
28.320 10.5	(TGA)[D2066LF04]	07.06-	113998	28 110				
		07.06-	114007	28 80	07.06-	115440	24 7.0	
		07.06-	114016	28 110				
		07.06-	114528*	28 120	07.06-	115886	24 5.5 A49	
		07.06-	115486	28 80 A49	07.06-	115556	24 5.5	
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49	07.06-	115892	24 5.5 A49	
		07.06-	115496	28 120 A49				



	[D2066LF14]	07.06-	113998	28 110						
		07.06-	114007	28 80		07.06-	115440	24 7.0		
		07.06-	114016	28 110						
		07.06-	114528*	28 120		07.06-	115886	24 5.5	A49	
		07.06-	115486	28 80 A49		07.06-	115556	24 5.5		
		07.06-	115492	28 110 A49						
		07.06-	115496	28 120 A49		07.06-	115892	24 5.5	A49	
		[D2066LF28]	06.04-	114007	28 80		07.06-	115886	24 5.5	A49
			06.04-	115486	28 80 A49		07.06-	115556	24 5.5	
			07.06-	113998	28 110					
			07.06-	114016	28 110					
			07.06-	114528*	28 120		07.06-	115440	24 7.0	
		07.06-	115492	28 110 A49						
		07.06-	115496	28 120 A49		07.06-	115892	24 5.5	A49	
	[D2066LF39]	06.04-	113998	28 110						
		06.04-	114007	28 80		07.06-	115440	24 7.0		
		06.04-	115486	28 80 A49		07.06-	115556	24 5.5		
		06.04-	115492	28 110 A49						
		07.06-	113998	28 110						
		07.06-	114016	28 110						
		07.06-	114528*	28 120		07.06-	115886	24 5.5	A49	
		07.06-	115492	28 110 A49		07.06-	115892	24 5.5	A49	
		07.06-	115496	28 120 A49		07.06-	115892	24 5.5	A49	
	(TGS)[D2066LF39]	07.08-	113998	28 110		07.08-	116087	24 5.5		
		07.08-	114007	28 80		07.08-	115440	24 7.0		
		07.08-	114016	28 110						
		07.08-	114528*	28 120		07.08-	115886	24 5.5	A49	
		07.08-	115486	28 80 A49		07.08-	115556	24 5.5		
		07.08-	115492	28 110 A49						
		07.08-	115496	28 120 A49		07.08-	115892	24 5.5	A49	
	[D2066LF43]	07.08-	113998	28 110		07.08-	116087	24 5.5		
		07.08-	114007	28 80		07.08-	115440	24 7.0		
		07.08-	114016	28 110						
		07.08-	114528*	28 120		07.08-	115886	24 5.5		
		07.08-	115486	28 80 A49		07.08-	115556	24 5.5		
		07.08-	115492	28 110 A49						
		07.08-	115496	28 120 A49		07.08-	115892	24 5.5	A49	
	[D2066LF68]	07.08-	113998	28 110						
		07.08-	114007	28 80		07.08-	115556	24 5.5		
		07.08-	114016	28 110						
		07.08-	114528*	28 120		07.08-	116087	24 5.5		
		07.08-	115486	28 80 A49		07.08-	115440	24 7.0		
		07.08-	115496	28 120 A49		07.08-	115886	24 5.5		
28.350 10.5	(TGA)[D2066LF03]	02.04-	114528*	28 120		06.04-	115886	24 5.5	A49	
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5	A49	
		06.04-	113998	28 110						
		06.04-	114007	28 80		06.04-	115440	24 7.0		
		06.04-	114016	28 110						
		06.04-	115486	28 80 A49		02.04-	115556	24 5.5		
		06.04-	115492	28 110 A49						
	[D2066LF13]	06.04-	113998	28 110						
		06.04-	114007	28 80		06.04-	115440	24 7.0		
		06.04-	114016	28 110						
		06.04-	114528*	28 120		06.04-	115886	24 5.5	A49	
		06.04-	115486	28 80 A49		06.04-	115556	24 5.5		
		06.04-	115492	28 110 A49						
		06.04-	115496	28 120 A49		06.04-	115892	24 5.5	A49	
	[D2066LF27]	06.04-	113998	28 110						
		06.04-	114007	28 80		06.04-	115440	24 7.0		
		06.04-	114016	28 110						
		06.04-	114528*	28 120		06.04-	115886	24 5.5	A49	
		06.04-	115486	28 80 A49		06.04-	115556	24 5.5		
		06.04-	115492	28 110 A49						
		06.04-	115496	28 120 A49		06.04-	115892	24 5.5	A49	
	[D2066LF38]	06.04-	113998	28 110						
		06.04-	114007	28 80		06.04-	115440	24 7.0		
		06.04-	114016	28 110						
		06.04-	114528*	28 120		06.04-	115886	24 5.5	A49	
		06.04-	115486	28 80 A49		06.04-	115556	24 5.5		
		06.04-	115492	28 110 A49						
		06.04-	115496	28 120 A49		06.04-	115892	24 5.5	A49	
	(TGS)[D2066LF03]	08.08-	113998	28 110						
		08.08-	114007	28 80						
		08.08-	114016	28 110						
		08.08-	114528*	28 120						
		08.08-	115486	28 80 A49						
		08.08-	115492	28 110 A49						
		08.08-	115496	28 120 A49		08.08-	115440	24 7.0		
						08.08-	115886	24 5.5		
28.360 10.5	(TGA)[D2066LF03]	06.04-	113998	28 110						
		06.04-	114016	28 110						
		06.04-	115486	28 80 A49		06.04-	115556	24 5.5		
		06.04-	115492	28 110 A49		06.04-	115892	24 5.5	A49	
	[D2066LF13]	06.04-	113998	28 110						
		06.04-	114016	28 110						
		06.04-	115486	28 80 A49		06.04-	115556	24 5.5		
		06.04-	115492	28 110 A49		06.04-	115892	24 5.5	A49	
	[D2066LF27]	06.04-	113998	28 110						
		06.04-	114016	28 110						
		06.04-	115486	28 80 A49		06.04-	115556	24 5.5		
		06.04-	115492	28 110 A49		06.04-	115892	24 5.5	A49	
	[D2066LF38]	06.04-	113998	28 110						
		06.04-	114016	28 110						
		06.04-	115486	28 80 A49						
		06.04-	115492	28 110 A49		06.04-	115892	24 5.5	A49	
		04.06-	114007	28 80						



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	(TGS)[D2066LF38]	08.08-	113998	28 110	08.08-	115440	24 7.0
		08.08-	114007	28 80	08.08-	115886	24 5.5 A49
		08.08-	114528*	28 120	08.08-	116087	24 5.5
		08.08-	115486	28 80 A49	08.08-	115556	24 5.5
		08.08-	115492	28 110 A49			
		08.08-	115496	28 120 A49	08.08-	115892	24 5.5 A49
	[D2066LF42]	08.08-	113998	28 110	08.08-	115440	24 7.0
		08.08-	114007	28 80	08.08-	115886	24 5.5 A49
		08.08-	114528*	28 120	08.08-	116087	24 5.5
		08.08-	115486	28 80 A49	08.08-	115556	24 5.5
		08.08-	115492	28 110 A49	08.08-	115556	24 5.5
		08.08-	115496	28 120 A49	08.08-	115892	24 5.5 A49
	[D2066LF48]	08.08-	113998	28 110			
		08.08-	114007	28 80	08.08-	115886	24 5.5 A49
		08.08-	114528*	28 120	08.08-	116087	24 5.5
		08.08-	115486	28 80 A49	08.08-	115440	24 7.0
		08.08-	115496	28 120 A49	08.08-	115556	24 5.5
	[D2066LF64]	08.08-	113998	28 110			
		08.08-	114007	28 80	08.08-	115440	24 7.0
		08.08-	114528*	28 120	08.08-	115556	24 5.5
		08.08-	115486	28 80 A49	08.08-	115886	24 5.5 A49
		08.08-	115496	28 120 A49	08.08-	116087	24 5.5
	[D2066LF67]	08.08-	113998	28 110			
		08.08-	114007	28 80	08.08-	115440	24 7.0
		08.08-	114528*	28 120	08.08-	115556	24 5.5
		08.08-	115486	28 80 A49	08.08-	115886	24 5.5 A49
		08.08-	115496	28 120 A49	08.08-	116087	24 5.5
	(TGX)[D2066LF27]	10.07-	113998	28 110			
		10.07-	114016	28 110			
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49
	[D2066LF38]	10.07-	113998	28 110			
		10.07-	114016	28 110			
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49
	[D2066LF42]	10.07-	113998	28 110			
		10.07-	115486	28 80 A49	10.07-	115556	24 5.5
		10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49
	[D2066LF67]	10.07-	113998	28 110			
					10.07-	115892	24 5.5 A49
					10.07-	115556	24 5.5
28.360 12.0	(E2000 Evolution)[D2866LF24]				05.00-	110206	24 5.4
	(TGA)[D2866LF27]	09.02-	113289	28 90			
		09.02-	113295	28 55			
		09.02-	113998	28 110	07.06-	115556	24 5.5
		09.02-	114008	28 80	07.06-	115892	24 5.5 A49
		07.06-	113998	28 110			
		07.06-	114016	28 110			
		07.06-	115486	28 80 A49			
		07.06-	115492	28 110 A49	09.02-	110206	24 5.4
28.390 10.5	(TGA)[D2066LF02]	05.04-	114528*	28 120	06.04-	115886	24 5.5 A49
		05.04-	115496	28 120 A49	06.04-	115556	24 5.5
		06.04-	113998	28 110			
		06.04-	114007	28 80	06.04-	115440	24 7.0
		06.04-	114016	28 110			
		06.04-	115486	28 80 A49	06.04-	115892	24 5.5 A49
		06.04-	115492	28 110 A49			
	[D2066LF12]	05.04-	114528*	28 120	06.04-	115886	24 5.5 A49
		05.04-	115496	28 120 A49	06.04-	115892	24 5.5 A49
		06.04-	113998	28 110			
		06.04-	114007	28 80	06.04-	115440	24 7.0
		06.04-	114016	28 110			
		06.04-	115486	28 80 A49	06.04-	115556	24 5.5
		06.04-	115492	28 110 A49			
	[D2066LF26]	06.04-	113998	28 110			
		06.04-	114007	28 80	06.04-	115440	24 7.0
		06.04-	114016	28 110			
		06.04-	114528*	28 120	06.04-	115886	24 5.5
		06.04-	115486	28 80 A49	06.04-	115556	24 5.5
		06.04-	115492	28 110 A49			
		06.04-	115496	28 120 A49	06.04-	115892	24 5.5 A49
[D2066LF37]	06.04-	113998	28 110				
	06.04-	114007	28 80	06.04-	115440	24 7.0	
	06.04-	114016	28 110				
	06.04-	114528*	28 120	06.04-	115886	24 5.5 A49	
	06.04-	115486	28 80 A49	06.04-	115556	24 5.5	
	06.04-	115492	28 110 A49				
	06.04-	115496	28 120 A49	06.04-	115892	24 5.5 A49	
(TGS)[D2066LF02]	06.08-	113998	28 110				
	06.08-	114007	28 80				
	06.08-	114528*	28 120				
	06.08-	115486	28 80 A49				
	06.08-	115492	28 110 A49				
	06.08-	115496	28 120 A49				
28.390 12.8	(TGA)[D2876LF12]	07.06-	114008	28 80			
28.400 10.5	(TGA)[D2066LF02]	06.04-	113998	28 110			
		06.04-	114016	28 110			
		06.04-	115486	28 80 A49	06.04-	115556	24 5.5
		06.04-	115492	28 110 A49	06.04-	115892	24 5.5 A49
	[D2066LF12]	06.04-	113998	28 110			
		06.04-	114016	28 110			
		06.04-	115486	28 80 A49	06.04-	115556	24 5.5
		06.04-	115492	28 110 A49	06.04-	115892	24 5.5 A49
	[D2066LF26]	06.04-	113998	28 110	06.04-	115556	24 5.5
		06.04-	114016	28 110			
	06.04-	115486	28 80 A49				
	06.04-	115492	28 110 A49	06.04-	115892	24 5.5 A49	



[D2066LF37]	06.04-	113998	28 110		06.04-	115556	24 5.5	
	06.04-	114016	28 110					
	06.04-	114528*	28 120					
	06.04-	115486	28 80 A49					
	06.04-	115492	28 110 A49		06.04-	115892	24 5.5 A49	
	06.04-	115496	28 120 A49					
	07.06-	114007	28 80					
(TGS)[D2066LF37]	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007	28 80		08.08-	115886	24 5.5 A49	
	08.08-	114528*	28 120		08.08-	116087	24 5.5	
	08.08-	115486	28 80 A49		08.08-	115556	24 5.5	
	08.08-	115492	28 110 A49					
	08.08-	115496	28 120 A49		08.08-	115892	24 5.5 A49	
[D2066LF41]	08.08-	113998	28 110		08.08-	115440	24 7.0	
	08.08-	114007	28 80		08.08-	115886	24 5.5 A49	
	08.08-	114528*	28 120		08.08-	116087	24 5.5	
	08.08-	115486	28 80 A49		08.08-	115556	24 5.5	
	08.08-	115492	28 110 A49					
	08.08-	115496	28 120 A49		08.08-	115892	24 5.5 A49	
[D2066LF49]	08.08-	113998	28 110					
	08.08-	114007	28 80		08.08-	115440	24 7.0	
	08.08-	114528*	28 120		08.08-	115556	24 5.5	
	08.08-	115486	28 80 A49		08.08-	115886	24 5.5 A49	
	08.08-	115496	28 120 A49		08.08-	116087	24 5.5	
[D2066LF61]	08.08-	113998	28 110					
	08.08-	114007	28 80		08.08-	115440	24 7.0	
	08.08-	114528*	28 120		08.08-	115556	24 5.5	
	08.08-	115486	28 80 A49		08.08-	115886	24 5.5 A49	
	08.08-	115496	28 120 A49		08.08-	116087	24 5.5	
[D2066LF63]	08.08-	113998	28 110					
	08.08-	114007	28 80		08.08-	115440	24 7.0	
	08.08-	114528*	28 120		08.08-	115556	24 5.5	
	08.08-	115486	28 80 A49		08.08-	115886	24 5.5 A49	
	08.08-	115496	28 120 A49		08.08-	116087	24 5.5	
(TGX)[D2066LF26]	10.07-	113998	28 110					
	10.07-	114016	28 110					
	10.07-	115486	28 80 A49		10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49		10.07-	115892	24 5.5 A49	
[D2066LF37]	10.07-	113998	28 110					
	10.07-	114016	28 110					
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49		10.07-	115556	24 5.5	
	10.07-	115496	28 120 A49		10.07-	115892	24 5.5 A49	
[D2066LF41]	10.07-	113998	28 110					
	10.07-	114528*	28 120					
	10.07-	115486	28 80 A49		10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49		10.07-	115892	24 5.5 A49	
	10.07-	115496	28 120 A49					
[D2066LF61]	10.07-	113998	28 110					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49		10.07-	115556	24 5.5	
	10.07-	115496	28 120 A49		10.07-	115892	24 5.5 A49	
28.410 12.0 (TGA)[D2866LF28]	09.02-	113289	28 90					
	09.02-	113295	28 55					
	09.02-	113998	28 110					
	09.02-	114008	28 80					
	07.06-	115492	28 110		09.02-	110206	24 5.4	
28.430 10.5 (TGA)[D2066LF01]	05.04-	114528*	28 120		06.04-	115886	24 5.5 A49	
	05.04-	115496	28 120 A49		06.04-	115892	24 5.5 A49	
	06.04-	113998	28 110					
	06.04-	114007	28 80		06.04-	115440	24 7.0	
	06.04-	114016	28 110					
	06.04-	115486	28 80 A49		06.04-	115556	24 5.5	
	06.04-	115492	28 110 A49					
	[D2066LF11]	05.04-	114528*	28 120				
		05.04-	115496	28 120 A49		06.04-	115886	24 5.5 A49
		06.04-	113998	28 110		06.04-	115556	24 5.5
06.04-		114007	28 80		06.04-	115892	24 5.5 A49	
06.04-		114016	28 110					
[D2066LF25]	06.04-	115486	28 80 A49		06.04-	115440	24 7.0	
	06.04-	115492	28 110 A49		06.04-	115556	24 5.5	
	06.04-	115496	28 120 A49		06.04-	115892	24 5.5 A49	
	06.04-	113998	28 110					
	06.04-	114007	28 80		06.04-	115886	24 5.5 A49	
	06.04-	114016	28 110					
[D2066LF36]	06.04-	114528*	28 120		06.04-	115440	24 7.0	
	06.04-	115486	28 80 A49		06.04-	115556	24 5.5	
	06.04-	115492	28 110 A49					
	06.04-	115496	28 120 A49		06.04-	115892	24 5.5 A49	
	06.04-	113998	28 110					
	06.04-	114007	28 80		06.04-	115886	24 5.5 A49	
	06.04-	114016	28 110					
(TGS)[D2066LF01]	08.08-	113998	28 110					
	08.08-	114007	28 80					
	08.08-	114016	28 110					
	08.08-	114528*	28 120					
	08.08-	115486	28 80 A49		08.08-	115440	24 7.0	
	08.08-	115492	28 110 A49		08.08-	115886	24 5.5	
	08.08-	115496	28 120 A49					

28.440 10.5	(TGA)[D2066LF01]	06.04-	113998	28 110	06.04-	115892	24 5.5 A49			
		06.04-	114016	28 110						
		06.04-	115486	28 80 A49						
		06.04-	115492	28 110 A49						
	[D2066LF11]	06.04-	113998	28 110	06.04-	115556	24 5.5			
	06.04-	114016	28 110							
	06.04-	115486	28 80 A49							
	06.04-	115492	28 110 A49							
	[D2066LF25]	06.04-	113998	28 110	06.04-	115556	24 5.5			
	06.04-	114016	28 110							
06.04-	115486	28 80 A49								
06.04-	115492	28 110 A49								
[D2066LF36]	06.04-	113998	28 110	06.04-	115556	24 5.5				
06.04-	114016	28 110								
06.04-	115486	28 80 A49								
06.04-	115492	28 110 A49								
(TGS)[D2066LF36]	08.08-	113998	28 110	08.08-	115440	24 7.0				
	08.08-	114007	28 80							
	08.08-	114528*	28 120							
	08.08-	115486	28 80 A49							
	08.08-	115492	28 110 A49							
	08.08-	115496	28 120 A49							
	[D2066LF40]	08.08-	113998				28 110	08.08-	115440	24 7.0
	08.08-	114007	28 80							
08.08-	114528*	28 120								
08.08-	115486	28 80 A49								
[D2066LF50]	08.08-	113998	28 110	08.08-	115440	24 7.0				
08.08-	114007	28 80								
08.08-	114528*	28 120								
08.08-	115486	28 80 A49								
[D2066LF62]	08.08-	113998	28 110	08.08-	115440	24 7.0				
08.08-	114007	28 80								
08.08-	114528*	28 120								
08.08-	115486	28 80 A49								
(TGX)[D2066LF25]	10.07-	113998	28 110	10.07-	115556	24 5.5				
	10.07-	114016	28 110							
	10.07-	115486	28 80 A49							
	10.07-	115492	28 110 A49							
[D2066LF36]	10.07-	113998	28 110	10.07-	115440	24 7.0				
10.07-	114016	28 110								
10.07-	115486	28 80 A49								
10.07-	115492	28 110 A49								
[D2066LF40]	10.07-	113998	28 110	10.07-	115440	24 7.0				
10.07-	115486	28 80 A49								
10.07-	115492	28 110 A49								
10.07-	115892	24 5.5 A49								
28.440 12.4	(TGS)[D2676LF26]	08.08-	113998	28 110	08.08-	115886	24 5.5			
		08.08-	114007	28 80						
		08.08-	114016	28 110						
		08.08-	114528*	28 120						
		08.08-	115486	28 80						
		08.08-	115496	28 120						
	[D2676LF26]	08.08-	115440	24 7.0	10.12-	115556	24 5.5			
	10.12-	115892	24 5.5 A49							
	28.460 12.8	(E 2000)[D2876LF03]	05.00-	110895	28 55	05.00-	110206	24 5.4		
			05.00-	112159	28 80					
05.00-			113289	28 90						
05.00-			113295	28 55						
05.00-			113920	28 35						
(E2000 Evolution)[D2876LF03]		05.00-	113920	28 35	09.02-	110206	24 5.4			
(TGA)[D2876LF04]		09.02-	113289	28 90						
09.02-		113295	28 55							
09.02-		113998	28 110							
09.02-		114008	28 80							
28.480 12.4	(TGA)[D2676LF02]	02.06-	113998	28 110	02.06-	115556	24 5.5			
		02.06-	115492	28 110 A49						
	[D2676LF05]	02.06-	113998	28 110	02.06-	115556	24 5.5			
	02.06-	115492	28 110 A49							
	07.06-	114007	28 80							
	[D2676LF14]	02.06-	113998	28 110	02.06-	115556	24 5.5			
	02.06-	115492	28 110 A49							
	(TGS)[D2676LF02]	08.08-	113998	28 110	08.08-	115440	24 7.0			
		08.08-	114007	28 80						
		08.08-	114528*	28 120						
		08.08-	115486	28 80 A49						
		08.08-	115496	28 120 A49						
	[D2676LF05]	08.08-	113998	28 110	08.08-	115440	24 7.0			
	08.08-	114007	28 80							
	08.08-	114528*	28 120							
	08.08-	115486	28 80 A49							
	08.08-	115496	28 120 A49							
	08.08-	115892	24 5.5 A49							
	[D2676LF07]	08.08-	113998	28 110	08.08-	115440	24 7.0			
	08.08-	114007	28 80							
08.08-	114528*	28 120								
08.08-	115486	28 80 A49								
08.08-	115496	28 120 A49								
[D2676LF20]	08.08-	113998	28 110	08.08-	115440	24 7.0				
08.08-	114007	28 80								
08.08-	114528*	28 120								
08.08-	115486	28 80 A49								
08.08-	115496	28 120 A49								



	[D2676LF25]	08.08- 08.08- 08.08- 08.08- 08.08-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49		08.08- 08.08- 08.08- 08.08-	115440 115556 115886 116087	24 7.0 24 5.5 24 5.5 24 5.5	A49
	(TGX)[D2676LF05]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 24 7.0	A49
	[D2676LF07]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 24 7.0	A49
	[D2676LF14]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 24 7.0	A49
	[D2676LF25]	10.07- 10.07- 10.07-	113998 115486 115492	28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892	24 5.5 24 5.5	A49
28.480 12.8	(TGA)[D2876LF12]	09.02- 09.02-	113998 114008	28 110 28 80		09.02- 09.02- 09.02- 09.02-	110206 113855 114031 115886	24 5.4 24 5.4 24 5.5 24 5.5	A49
28.510 12.8	(TGA)[D2876LF05]	09.02- 09.02- 09.02- 09.02-	113289 113295 113998 114008	28 90 28 55 28 110 28 80		09.02- 09.02- 09.02- 09.02-	110206	24 5.4	
28.530 12.8	(TGA)[D2876LF13]	09.02- 09.02-	113998 114008	28 110 28 80		09.02- 09.02- 09.02- 09.02-	110206 113855 114031 115886	24 5.4 24 5.4 24 5.5 24 5.5	A49
28.540 12.4	(TGA)[D2676LF13]	08.06- 08.06- 08.06- 08.06-	113998 114007 115486 115492	28 110 28 80 28 80 A49 28 110 A49		08.06- 08.06- 08.06- 08.06-	115556 115892	24 5.5 24 5.5	A49
	(TGS)[D2676LF06]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120 A49		06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	115440 115886	24 7.0 24 5.5	
	(TGX)[D2676LF06]	10.07- 10.07- 10.07- 10.07- 10.07- 02.09- 02.09-	113998 115486 115492 114528* 115496	28 110 28 80 A49 28 110 A49 28 120 28 120 A49		10.07- 10.07- 10.07- 10.07- 10.07- 02.09- 02.09-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49	
	[D2676LF13]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07- 10.07-	115440 115556 115892	24 7.0 24 5.5 24 5.5	A49
29.440 12.4	(TGX)[D2676440]	01.09- 01.09- 01.13- 01.13-	113998 114016 114528* 115496	28 110 28 110 28 120 28 120 A49		01.09- 01.09- 01.09- 01.09-	115556 115886	24 5.5 24 5.5	
29.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35					
29.480 12.4	(TGX)[D2676LF05]	08.15- 08.15- 08.15- 08.15- 08.15- 08.15- 08.15- 08.15-	114528* 115496 114528* 115496 114528* 115496 114528* 115496	28 120 28 120 A49 28 120 28 120 A49 28 120 28 120 A49 28 120 28 120 A49		08.15- 08.15- 08.15- 08.15- 08.15- 08.15- 08.15- 08.15-	115556 115886 115556 115886 115556 115886 115556 115886	24 5.5 24 5.5 24 5.5 24 5.5 24 5.5 24 5.5 24 5.5 24 5.5	A49
30.310 12.0	(E2000 Evolution)[D2866LF23]	05.00- 05.00- 05.00- 05.00- 05.00-	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35		05.00- 05.00-	110206	24 5.4	
30.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35					
32.262 10.0	(F 90)[D2865LF/260]	02.89- 02.90 02.89- 02.90	110895 112159	28 55 28 80		02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90	112120 113855 110206 110210 111046	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6	
32.272 10.0	(F 90)[D2865LF02]	02.90- 04.95 02.90- 04.95 11.93- 04.95	110895 112159 113920	28 55 28 80 28 35		02.90- 04.95 02.90- 04.95 02.90- 04.95 02.90- 04.95 02.90- 04.95	111046 112120 113855 110206 110210	24 6.6 24 6.6 24 5.4 24 5.4 24 6.6	
	[D2865LF05]	02.90- 04.95 02.90- 04.95 11.93- 04.95	110895 112159 113920	28 55 28 80 28 35		02.90- 04.95 02.90- 04.95 02.90- 04.95 02.90- 04.95 02.90- 04.95	111046 112120 113855 110206 110210	24 6.6 24 6.6 24 5.4 24 5.4 24 6.6	
32.292 12.0	(F 90)[D2866LF/290]	03.88- 02.90 03.88- 02.90	110895 112159	28 55 28 80		03.88- 02.90 03.88- 02.90 03.88- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
32.293 10.0	(F 2000)[D2865LF24]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4	
32.302 12.0	(F 90)[D2866LF04]	05.90- 09.91 05.90- 09.91	110895 112159	28 55 28 80		05.90- 09.91 05.90- 09.91 05.90- 09.91	111046 113855 110206	24 6.6 24 5.4 24 5.4	

STARTERS & ALTERNATORS



Application list

MAN Continued

32.310 12.0	(E2000 Evolution)[D2866LF23]	05.00-	110895	28 55				
		05.00-	112159	28 80				
		05.00-	113289	28 90				
		05.00-	113295	28 55				
		05.00-	113920	28 35		05.00-	110206	24 5.4
32.320 10.5	(TGA)[D2866LF26]	01.02-	113289	28 90				
		01.02-	113295	28 55		01.02-	110206	24 5.4
		08.08-	113998	28 110				
32.322 10.0	(F 90)[D2865LF03]	08.08-	114007	28 80				
		08.08-	114528*	28 120				
		08.08-	115486	28 80 A49				
		08.08-	115492	28 110 A49				
		08.08-	115496	28 120 A49				
		02.09-	114007	28 80		02.09-	115556	24 5.5
		02.09-	115486	28 80 A49		02.09-	115892	24 5.5 A49
		08.08-	113998	28 110				
		08.08-	114007	28 80				
		08.08-	114528*	28 120				
		08.08-	115486	28 80				
		08.08-	115492	28 110 A49				
		08.08-	115496	28 120 A49				
		02.90- 05.94	112159	28 80		02.90- 05.94	110210	24 6.6
		07.93- 05.94	110895	28 55		02.90- 06.96	110206	24 5.4
09.93- 05.94	113920	28 35		02.90- 06.96	111046	24 6.6		
02.90- 05.94	112159	28 80		02.90- 05.94	110210	24 6.6		
07.93- 05.94	110895	28 55		02.90- 06.96	110206	24 5.4		
09.93- 05.94	113920	28 35		02.90- 06.96	111046	24 6.6		
32.332 12.0	(F 90)[D2866LF/330]	03.88- 02.90	110895	28 55		03.88- 02.90	111046	24 6.6
		03.88- 02.90	112159	28 80		03.88- 02.90	113855	24 5.4
						03.88- 02.90	110206	24 5.4
32.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55				
		05.94- 06.96	112159	28 80		05.94- 06.96	110210	24 6.6
		05.94- 06.96	113920	28 35		05.94- 06.96	111046	24 6.6
32.343 10.0	(F 2000)[D2865LF21]	08.95-	110895	28 55		08.95-	110206	24 5.4
		08.95-	112159	28 80		08.95-	111046	24 6.6
		08.95- 09.01	113920	28 35		08.95-	113855	24 5.4
32.350 10.5	(TGA)[D2066LF03]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49
		02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49
		02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49
32.360 10.5	(TGA)[D2066LF03]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49
		02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49
		02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49		02.04-	115556	24 5.5
		02.04-	115496	28 120 A49		02.04-	115892	24 5.5 A49
32.360 12.0	(E2000 Evolution)[D2866LF24]	10.07-	114007	28 80				
		10.07-	115486	28 80 A49				
		10.07-	114007	28 80				
		10.07-	115486	28 80 A49				
		08.08-	113998	28 110		08.08-	115556	24 5.5
		08.08-	115492	28 110 A49		08.08-	115892	24 5.5 A49
		10.07-	114007	28 80				
		10.07-	115486	28 80 A49				
		10.07-	114016	28 110				
		10.07-	115486	28 80 A49		10.07-	115556	24 5.5
		10.07-	115492	28 110 A49		10.07-	115892	24 5.5 A49
		10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	115486	28 80 A49		10.07-	115556	24 5.5
		10.07-	115492	28 110 A49		10.07-	115892	24 5.5 A49
10.07-	113998	28 110						
10.07-	115486	28 80 A49		10.07-	115556	24 5.5		
10.07-	115492	28 110 A49		10.07-	115892	24 5.5 A49		
10.07-	113998	28 110						
10.07-	115486	28 80 A49		10.07-	115556	24 5.5		
10.07-	115492	28 110 A49		10.07-	115892	24 5.5 A49		
09.02-	113289	28 90						
09.02-	113295	28 55		09.02-	110206	24 5.4		



32.362 12.0	(F 90)[D2866LXF]	03.88- 02.90	110895	28 55	03.88- 02.90	111046	24 6.6	
		03.88- 02.90	112159	28 80	03.88- 02.90	113855	24 5.4	
					03.88- 02.90	112026	24 5.4	
32.372 12.0	(F 90)[D2866LF03]	02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	02.90- 05.94	112026	24 5.4	
	[D2866LF05]	02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	10.92- 05.94	112026	24 5.4	
	[D2866LF15]	02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	05.94- 06.96	112026	24 5.4	
	[D2866LXF/Silent]	05.90- 04.95	110895	28 55	02.90- 06.96	112026	24 5.4	
					05.90- 04.95	111046	24 6.6	
				05.90- 04.95	113855	24 5.4		
32.390 10.5	(TGA)[D2066LF02]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49	05.04-	116087	24 5.5	
	[D2066LF12]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49	05.04-	116087	24 5.5	
	[D2066LF37]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49	05.04-	116087	24 5.5	
	32.400 10.5	(TGA)[D2066LF02]	05.04-	113998	28 110			
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49	05.04-	115556	24 5.5
05.04-			115492	28 110 A49	05.04-	115892	24 5.5 A49	
05.04-			115496	28 120 A49	05.04-	116087	24 5.5	
[D2066LF12]		05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49	05.04-	116087	24 5.5	
[D2066LF32]		05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	116087	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115556	24 5.5	
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49	
(TGS)[D2066LF26]		10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
		10.07-	113998	28 110	08.08-	115556	24 5.5	
	10.07-	115492	28 110 A49	08.08-	115892	24 5.5 A49		
	10.07-	113998	28 110					
[D2066LF41]	10.07-	113998	28 110					
	10.07-	115492	28 110 A49					
	10.07-	113998	28 110					
32.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80				
		05.94- 06.96	113920	28 35	05.94- 06.96	112026	24 5.4	
32.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28 55				
		08.95-	112159	28 80				
		08.95-	113289	28 90	08.95-	111046	24 6.6	
		08.95-	113295	28 55	08.95-	113855	24 5.4	
		08.95- 09.01	113920	28 35	08.95-	112026	24 5.4	
					05.00-	112026	24 5.4	
32.410 12.0	(E2000 Evolution)[D2866LF25]	09.02-	113289	28 90				
		09.02-	113295	28 55	09.02-	112026	24 5.4	
32.422 12.0	(F 90)[D2866LF06]	09.93- 06.96	113920	28 35	02.90- 06.96	112026	24 5.4	
		04.92	110895	28 55				
		06.96	112159	28 80				
		02.90- 06.96	112159	28 80				
[D2866LF09]	09.93- 06.96	113920	28 35	10.92- 06.96	112026	24 5.4		
	05.04-	113998	28 110					
	05.04-	114528*	28 120					
32.430 10.5	(TGA)[D2066LF01]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49				
	[D2066LF11]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49				
	[D2066LF36]	05.04-	113998	28 110				
05.04-		114528*	28 120					
05.04-		115486	28 80 A49	05.04-	115556	24 5.5		
05.04-		115492	28 110 A49	05.04-	115892	24 5.5 A49		
05.04-		115496	28 120 A49					
32.440 10.5	(TGA)[D2066LF01]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49				
	[D2066LF11]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49				
	[D2066LF31]	05.04-	113998	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
				05.04-	115556	24 5.5		
				05.04-	115892	24 5.5 A49		

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	(TGS)[D2066LF25]	10.07-	114007	28 80					
		10.07-	115486	28 80 A49					
	[D2066LF36]	10.07-	114007	28 80					
		10.07-	115486	28 80 A49					
		08.08-	113998	28 110		08.08-	115892	24 5.5	A49
		08.08-	115492	28 110 A49		08.08-	115556	24 5.5	
	[D2066LF40]	10.07-	114007	28 80					
		10.07-	115486	28 80 A49					
32.440 12.4	(TGS)[D2676LF22]	08.08-	113998	28 110					
		08.08-	114007	28 80					
		08.08-	114528*	28 120					
		08.08-	115486	28 80 A49					
		08.08-	115492	28 110 A49					
		08.08-	115496	28 120 A49					
	[D2676LF26]	08.08-	113998	28 110					
		08.08-	114007	28 80					
		08.08-	114016	28 110					
		08.08-	114528*	28 120					
		08.08-	115486	28 80 A49		08.08-	115440	24 7.0	
		08.08-	115492	28 110 A49					
		08.08-	115496	28 120 A49		08.08-	115886	24 5.5	
32.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35					
	(TGA)[D2876LF04]	09.02-	113289	28 90					
		09.02-	113295	28 55		09.02-	110206	24 5.4	
32.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28 55					
		08.95-	112159	28 80					
		08.95-	113289	28 90		08.95-	110206	24 5.4	
		08.95-	113295	28 55		08.95-	111046	24 6.6	
		08.95- 09.01	113920	28 35		08.95-	113855	24 5.4	
32.480 12.4	(TGA)[D2676LF01]	02.06-	113998	28 110		02.06-	115892	24 5.5	A49
		02.06-	115486	28 80 A49					
		02.06-	115492	28 110 A49					
	[D2676LF05]					02.06-	115556	24 5.5	
						02.06-	115556	24 5.5	
						02.06-	115892	24 5.5	A49
	(TGS)[D2676LF05]	08.08-	114528*	28 120		08.08-	115556	24 5.5	
		08.08-	115496	28 120 A49		08.08-	115892	24 5.5	A49
	[D2676LF07]	08.08-	114528*	28 120		08.08-	115556	24 5.5	
		08.08-	115496	28 120 A49		08.08-	115892	24 5.5	A49
	[D2676LF25]	08.08-	113998	28 110					
		08.08-	114007	28 80					
		08.08-	114016	28 110					
		08.08-	114528*	28 120					
		08.08-	115486	28 80					
		08.08-	115496	28 120		08.08-	115440	24 7.0	
						08.08-	115886	24 5.5	
32.480 12.8	(TGA)[D2876LF12]	09.02-	113998	28 110		09.02-	114031	24 5.5	
		05.04- 09.05	114008	28 80		09.02-	115886	24 5.5	A49
						05.04- 09.05	110206	24 5.4	
						09.02-	113855	24 5.4	
33.242 12.0	(F 90)[D2866F/240]	01.88- 08.88	110895	28 55		01.88- 08.88	113855	24 5.4	
						01.88- 08.88	110206	24 5.4	
						01.88- 08.88	111046	24 6.6	
33.262 10.0	(F 90)[D2865LF/260]	08.88- 02.90	110895	28 55		08.88- 02.90	112120	24 6.6	
		08.88- 02.90	112159	28 80		08.88- 02.90	113855	24 5.4	
						08.88- 02.90	110206	24 5.4	
						08.88- 02.90	110210	24 6.6	
						08.88- 02.90	111046	24 6.6	
33.272 10.0	(F 90)[D2865LF05]	10.92- 04.95	110895	28 55		10.92- 04.95	111046	24 6.6	
		10.92- 04.95	112159	28 80		10.92- 04.95	112120	24 6.6	
		11.93- 04.95	113920	28 35		10.92- 04.95	113855	24 5.4	
						10.92- 04.95	110206	24 5.4	
						10.92- 04.95	110210	24 6.6	
33.292 12.0	(F 90)[D2866LF/290]	09.87- 02.90	110895	28 55		09.87- 02.90	111046	24 6.6	
		09.87- 02.90	112159	28 80		09.87- 02.90	113855	24 5.4	
						09.87- 02.90	110206	24 5.4	
33.320 10.5	(TGS)[D2066LF39]	06.08-	113998	28 110					
		06.08-	114007	28 80					
		06.08-	114528*	28 120					
		06.08-	115486	28 80 A49					
		06.08-	115492	28 110 A49					
		06.08-	115496	28 120 A49					
	[D2066LF43]	06.08-	113998	28 110					
		06.08-	114007	28 80					
		06.08-	114528*	28 120					
		06.08-	115486	28 80 A49					
		06.08-	115492	28 110 A49					
		06.08-	115496	28 120 A49					
	[D2066LF68]	06.08-	113998	28 110					
		06.08-	114007	28 80					
		06.08-	114528*	28 120					
		06.08-	115486	28 80 A49					
		06.08-	115492	28 110 A49					
		06.08-	115496	28 120 A49					
33.322 10.0	(F 90)[D2865LF03]	09.91- 06.96	112159	28 80		09.91- 06.96	110206	24 5.4	
		07.93- 06.96	110895	28 55		09.91- 06.96	111046	24 6.6	
		09.93- 06.96	113920	28 35		09.91- 06.96	110210	24 6.6	
	[D2865LF06]	09.91- 06.96	112159	28 80		09.91- 06.96	110210	24 6.6	
		07.93- 06.96	110895	28 55		09.91- 06.96	110206	24 5.4	
		09.93- 06.96	113920	28 35		09.91- 06.96	111046	24 6.6	
33.323 10.0	(F 2000)[D2865LF23]	01.94- 12.95	110895	28 55		01.94- 12.95	113855	24 5.4	
		01.94- 12.95	112159	28 80		01.94- 12.95	110206	24 5.4	
		01.94- 12.95	113920	28 35		01.94- 12.95	111046	24 6.6	
33.332 10.0	(F 90)[D2866LF/330]	09.87- 02.90	110895	28 55		09.87- 02.90	110206	24 5.4	
		09.87- 02.90	112159	28 80		09.87- 02.90	111046	24 6.6	
						09.87- 02.90	113855	24 5.4	



33.332 12.0	(F 90)[D2866LF/330]	09.87- 02.90	110895	28 55	09.87- 02.90	111046	24 6.6	
		09.87- 02.90	112159	28 80	09.87- 02.90	113855	24 5.4	
					09.87- 02.90	110206	24 5.4	
33.342 10.0	(F 90)[D2865LF09]	05.94- 06.96	110895	28 55				
		05.94- 06.96	112159	28 80	05.94- 06.96	110210	24 6.6	
		05.94- 06.96	113920	28 35	05.94- 06.96	111046	24 6.6	
33.343 10.0	(F 2000)[D2865LF21]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94-	111046	24 6.6	
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4	
33.350 10.5	(TGA)[D2066LF03]	05.04-	113998	28 110				
		05.04-	114016	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49				
		05.04-	115496	28 120 A49				
		09.07-	114007	28 80	05.04-	115892	24 5.5 A49	
		[D2066LF07]	05.04-	113998	28 110			
			05.04-	114016	28 110			
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49	05.04-	115556	24 5.5
			05.04-	115492	28 110 A49			
			05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
		[D2066LF13]	05.04-	113998	28 110			
			05.04-	114016	28 110			
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49	05.04-	115556	24 5.5
			05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49
		[D2066LF33]	05.04-	113998	28 110			
			05.04-	114016	28 110			
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49	05.04-	115556	24 5.5
			05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49
		[D2066LF38]	05.04-	113998	28 110			
	05.04-	114016	28 110					
	05.04-	114528*	28 120					
	05.04-	115486	28 80 A49	05.04-	115556	24 5.5		
	05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49		
	05.04-	115496	28 120 A49					
(TGS)[D2066LF03]	06.08-	113998	28 110					
	06.08-	114007	28 80					
	06.08-	114016	28 110					
	06.08-	114528*	28 120					
	06.08-	115486	28 80 A49					
	06.08-	115492	28 110 A49					
	06.08-	115496	28 120 A49	06.08-	115440	24 7.0		
				06.08-	115886	24 5.5		
33.360 10.5	(TGA)[D2066LF03]	05.04-	113998	28 110				
		05.04-	114016	28 110				
		05.04-	114528*	28 120				
		05.04-	115486	28 80 A49	05.04-	115556	24 5.5	
		05.04-	115492	28 110 A49	05.04-	115892	24 5.5 A49	
		05.04-	115496	28 120 A49				
		[D2066LF07]	05.04-	113998	28 110	05.04-	115892	24 5.5 A49
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49			
			05.04-	115492	28 110 A49			
			05.04-	115496	28 120 A49	05.04-	115556	24 5.5
		[D2066LF13]	05.04-	113998	28 110	05.04-	115892	24 5.5 A49
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49			
			05.04-	115492	28 110 A49			
			05.04-	115496	28 120 A49	05.04-	115556	24 5.5
		[D2066LF33]	05.04-	113998	28 110	05.04-	115892	24 5.5 A49
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49			
			05.04-	115492	28 110 A49			
			05.04-	115496	28 120 A49	05.04-	115556	24 5.5
		[D2066LF38]	05.04-	113998	28 110	05.04-	115892	24 5.5 A49
			05.04-	114528*	28 120			
			05.04-	115486	28 80 A49			
	05.04-	115492	28 110 A49					
	05.04-	115496	28 120 A49	05.04-	115556	24 5.5		
(TGS)[D2066LF07]	06.08-	113998	28 110					
	06.08-	114007	28 80					
	06.08-	114016	28 110					
	06.08-	114528*	28 120					
	06.08-	115486	28 80					
	06.08-	115496	28 120	06.08-	115440	24 7.0		
				06.08-	115886	24 5.5		
[D2066LF27]	02.09-	114007	28 80					
	02.09-	115486	28 80 A49					
[D2066LF38]	06.08-	114007	28 80					
	06.08-	115486	28 80 A49					
	02.09-	113998	28 110	06.08-	115556	24 5.5		
	02.09-	115492	28 110 A49	06.08-	115892	24 5.5 A49		
[D2066LF42]	06.08-	114007	28 80					
	06.08-	115486	28 80 A49					
	02.09-	113998	28 110	06.08-	115556	24 5.5		
	02.09-	115492	28 110 A49	06.08-	115892	24 5.5 A49		

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	[D2066LF48]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		06.08- 06.08-	115440 115886	24 7.0 24 5.5
	[D2066LF64]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120				
						06.08- 06.08-	115440 115886	24 7.0 24 5.5
33.360 12.0	(E2000 Evolution)[D2866LF24] (TGA)[D2866LF27]	01.01- 06.01- 05.04 06.01- 05.04 09.02- 05.04	113998 113289 113295 114008	28 110 28 90 28 55 28 80		05.00- 01.01- 05.04	110206	24 5.4 24 5.4
	[D2866LF37]	09.02- 09.02- 05.04	113998 114008	28 110 28 80				
33.362 12.0	(F 90)[D2866KF]	09.87- 02.90 09.87- 02.90	110895 112159	28 55 28 80		09.87- 02.90 09.87- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4
	[D2866LXF]	09.87- 02.90 09.87- 02.90	110895 112159	28 55 28 80		09.87- 02.90 09.87- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4
33.364 12.0	(F 2000)	05.01-	110895	28 55		05.01-	110206	24 5.4
33.372 12.0	(F 90)[D2866LF03]	09.91- 04.92 09.91- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		01.91- 10.92	110206	24 5.4
	[D2866LF05]	09.91- 06.96 09.93- 06.96	112159 113920	28 80 28 35		10.92- 05.94	110206	24 5.4
	[D2866LF15]	09.91- 06.96 09.93- 06.96	112159 113920	28 80 28 35		05.94- 06.96	110206	24 5.4
33.373 12.0	(F 2000)[D2866LF21]	01.94- 12.95 01.94- 12.95 01.94- 12.95 01.94- 12.95 01.94- 12.95	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35		01.94- 12.95 01.94- 12.95 01.94- 12.95	110206 111046 113855	24 5.4 24 6.6 24 5.4
33.390 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF06]	09.07- 09.07-	113998 115492	28 110 28 110 A49				
	[D2066LF12]	05.04- 05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF32]	05.04- 05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF02]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		06.08- 06.08-	115440 115886	24 7.0 24 5.5
33.400 10.5	(TGA)[D2066LF02]	05.04- 05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF06]	09.07- 09.07-	113998 115492	28 110 28 110 A49				
	[D2066LF12]	05.04- 05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04-	115892 115556	24 5.5 A49 24 5.5
	[D2066LF32]	05.04- 05.04- 05.04- 05.04- 05.04- 06.05-	113998 114528* 115486 115492 115496 114016	28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 110		05.04- 05.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF06]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		07.08- 07.08-	115440 115886	24 7.0 24 5.5



	[D2066LF37]	06.08-114007 28 80		07.08-115556 24 5.5
		06.08-115486 28 80 A49		07.08-115892 24 5.5 A49
		07.08-113998 28 110		
		02.09-115492 28 110 A49		
	[D2066LF41]	06.08-114007 28 80		07.08-115556 24 5.5
		06.08-115486 28 80 A49		07.08-115892 24 5.5 A49
		07.08-113998 28 110		
		02.09-115492 28 110 A49		
	[D2066LF49]	07.08-113998 28 110		
		07.08-114007 28 80		
		07.08-114016 28 110		
		07.08-114528* 28 120		
		07.08-115486 28 80		
		07.08-115496 28 120	07.08-115886 24 5.5	
			07.08-115440 24 7.0	
	[D2066LF63]	07.08-113998 28 110		
		07.08-114007 28 80		
		07.08-114016 28 110		
		07.08-114528* 28 120		
		07.08-115486 28 80		
		07.08-115496 28 120	07.08-115440 24 7.0	
			07.08-115886 24 5.5	
	(TGX)[D2066LF26]	10.07-113998 28 110		
		10.07-114016 28 110		
		10.07-115486 28 80 A49	10.07-115556 24 5.5	
		10.07-115492 28 110 A49	10.07-115892 24 5.5 A49	
	[D2066LF37]	10.07-113998 28 110		
		10.07-114016 28 110		
		10.07-114528* 28 120		
		10.07-115486 28 80 A49		
		10.07-115492 28 110 A49	10.07-115556 24 5.5	
		10.07-115496 28 120 A49	10.07-115892 24 5.5 A49	
	[D2066LF41]	10.07-113998 28 110		
		10.07-114528* 28 120		
		10.07-115486 28 80 A49	10.07-115556 24 5.5	
		10.07-115492 28 110 A49	10.07-115892 24 5.5 A49	
		10.07-115496 28 120 A49		
	[D2066LF61]	10.07-113998 28 110		
		10.07-115486 28 80 A49	10.07-115556 24 5.5	
		10.07-115492 28 110 A49	10.07-115892 24 5.5 A49	
33.402 12.0	(F 90)[D2866LF16]	05.94-06.96 112159 28 80		
		05.94-06.96 113920 28 35	05.94-06.96 110206 24 5.4	
33.403 12.0	(F 2000)[D2866LF20]	01.94-110895 28 55		
		01.94-112159 28 80		
		01.94-113289 28 90	01.94-113855 24 5.4	
		01.94-113295 28 55	01.94-110206 24 5.4	
		01.94-09.01 113920 28 35	01.94-111046 24 6.6	
33.410 12.0	(E2000 Evolution)[D2866LF25]		05.00-110206 24 5.4	
	(TGA)[D2866LF28]	10.00-113998 28 110	09.02-110206 24 5.4	
		09.02-05.04 113289 28 90		
		09.02-05.04 113295 28 55		
		09.02-05.04 114008 28 80		
	[D2866LF32]	10.00-113998 28 110		
		09.02-05.04 113289 28 90		
		09.02-05.04 113295 28 55		
		09.02-05.04 114008 28 80		
33.414 12.0	(F 2000)	05.01-110895 28 55	05.01-110206 24 5.4	
33.422 12.0	(F 90)[D2866LF06]	09.91-04.92 110895 28 55		
		09.91-06.96 112159 28 80		
		09.93-06.96 113920 28 35	09.91-06.96 110206 24 5.4	
	[D2866LF09]	09.91-06.96 112159 28 80		
		09.93-06.96 113920 28 35	09.91-06.96 110206 24 5.4	
33.423 12.0	(F 2000)[D2866LF22]	01.94-12.95 110895 28 55		
		01.94-12.95 112159 28 80		
		01.94-12.95 113289 28 90	01.94-12.95 111046 24 6.6	
		01.94-12.95 113295 28 55	01.94-12.95 113855 24 5.4	
		01.94-12.95 113920 28 35	01.94-12.95 110206 24 5.4	
33.430 10.5	(TGA)[D2066LF01]	05.04-113998 28 110		
		05.04-114016 28 110		
		05.04-114528* 28 120		
		05.04-115486 28 80 A49		
		05.04-115492 28 110 A49	05.04-115556 24 5.5	
		05.04-115496 28 120 A49	05.04-115892 24 5.5 A49	
		09.07-113998 28 110		
		09.07-114007 28 80		
	[D2066LF11]	05.04-113998 28 110		
		05.04-114528* 28 120		
		05.04-115486 28 80 A49		
		05.04-115492 28 110 A49	05.04-115556 24 5.5	
		05.04-115496 28 120 A49	05.04-115892 24 5.5 A49	
		06.05-114016 28 110		
	[D2066LF31]	05.04-113998 28 110		
		05.04-114528* 28 120		
		05.04-115486 28 80 A49		
		05.04-115492 28 110 A49	05.04-115556 24 5.5	
		05.04-115496 28 120 A49	05.04-115892 24 5.5 A49	
		06.05-114016 28 110		
	(TGS)[D2066LF01]	06.08-113998 28 110		
		06.08-114007 28 80		
		06.08-114016 28 110		
		06.08-114528* 28 120		
		06.08-115486 28 80 A49		
		06.08-115492 28 110 A49		
		06.08-115496 28 120 A49	06.08-115440 24 7.0	
			06.08-115886 24 5.5	



Application list

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33.440 10.5	(TGA)[D2066LF01]	05.04-	113998	28 110	05.04-	115556	24 5.5
		05.04-	114528*	28 120	05.04-	115892	24 5.5 A49
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49			
		05.04-	115496	28 120 A49			
		06.05-	114016	28 110			
	[D2066LF11]	05.04-	113998	28 110			
		05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49	05.04-	115556	24 5.5
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
		06.05-	114016	28 110			
	[D2066LF31]	05.04-	113998	28 110			
		05.04-	114528*	28 120			
		05.04-	115486	28 80 A49			
		05.04-	115492	28 110 A49	05.04-	115556	24 5.5
		05.04-	115496	28 120 A49	05.04-	115892	24 5.5 A49
		06.05-	114016	28 110			
	(TGS)[D2066LF25]	07.08-	114528*	28 120			
		07.08-	115496	28 120 A49			
[D2066LF36]	06.08-	114528*	28 120	07.08-	115556	24 5.5	
	06.08-	115496	28 120 A49	07.08-	115892	24 5.5 A49	
[D2066LF40]	06.08-	114528*	28 120	07.08-	115556	24 5.5	
	06.08-	115496	28 120 A49	07.08-	115892	24 5.5 A49	
[D2066LF50]	06.08-	113998	28 110				
	06.08-	114007	28 80				
	06.08-	114016	28 110				
	06.08-	114528*	28 120				
	06.08-	115486	28 80				
	06.08-	115496	28 120	06.08-	115440	24 7.0	
				06.08-	115886	24 5.5	
[D2066LF62]	06.08-	113998	28 110	06.08-	115886	24 5.5	
	06.08-	114007	28 80				
	06.08-	114016	28 110				
	06.08-	114528*	28 120				
	06.08-	115486	28 80				
	06.08-	115496	28 120	06.08-	115440	24 7.0	
(TGX)[D2066LF25]	10.07-	113998	28 110				
	10.07-	114016	28 110				
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
[D2066LF36]	10.07-	113998	28 110				
	10.07-	114016	28 110	10.07-	115440	24 7.0	
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
[D2066LF40]	10.07-	113998	28 110	10.07-	115440	24 7.0	
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5	
	10.07-	115492	28 110 A49	10.07-	115892	24 5.5 A49	
33.440 12.4	(TGA)[D2676LF04]	06.05-	113998	28 110			
		06.05-	114007	28 80			
		06.05-	114528*	28 120			
		06.05-	115486	28 80 A49	06.05-	115556	24 5.5
		06.05-	115496	28 120 A49	06.05-	115892	24 5.5 A49
	(TGS)[D2676LF04]	10.07-	113998	28 110			
		10.07-	114007	28 80			
		10.07-	114016	28 110			
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49	10.07-	115440	24 7.0
		10.07-	115496	28 120 A49	10.07-	115886	24 5.5
		07.08-	115492	28 110 A49			
	[D2676LF26]	10.07-	113998	28 110			
		10.07-	114007	28 80			
		10.07-	114016	28 110			
		10.07-	114528*	28 120			
		10.07-	115486	28 80 A49	10.07-	115440	24 7.0
		10.07-	115496	28 120 A49	10.07-	115886	24 5.5
(TGX)[D2676LF26]	01.14-	113998	28 110				
	01.14-	114007	28 80				
	01.14-	114528*	28 120				
	01.14-	115486	28 80 A49				
	01.14-	115496	28 120 A49				
				10.12-	115556	24 5.5	
			10.12-	115892	24 5.5 A49		
33.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35			
	(TGA)[D2876LF04]	09.02- 05.04	113289	28 90	09.02- 12.05	110206	24 5.4
		09.02- 05.04	113295	28 55			
		09.02-	113998	28 110			
		09.02- 12.05	114008	28 80			
[D2876LF07]	09.02-	113998	28 110				
	09.02-	114008	28 80				
33.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90	110895	28 55	07.89- 02.90	111046	24 6.6
		07.89- 02.90	112159	28 80	07.89- 02.90	112120	24 6.6
					07.89- 02.90	110210	24 6.6
					07.89- 02.90	113855	24 5.4
33.463 12.0	(F 2000)[D2876LF02]	01.94-	110895	28 55			
		01.94-	112159	28 80			
		01.94-	113289	28 90			
		01.94-	113295	28 55	01.94-	110206	24 5.4
		01.94- 09.01	113920	28 35	01.94-	111046	24 6.6
33.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55			
		01.94-	112159	28 80			
		01.94-	113289	28 90	01.94-	110206	24 5.4
		01.94-	113295	28 55	01.94-	111046	24 6.6
		01.94- 09.01	113920	28 35	01.94-	113855	24 5.4
33.464 12.8	(F 2000)	05.01-	110895	28 55	05.01-	110206	24 5.4



33.480 12.4	(TGA)[D2676LF01]	02.06-	113998	28 110				
		02.06-	114016	28 110				
		02.06-	115486	28 80 A49	02.06-	115556	24 5.5	
		02.06-	115492	28 110 A49	02.06-	115892	24 5.5	A49
	[D2676LF02]	09.07-	114528*	28 120	02.06-	115556	24 5.5	
		09.07-	115496	28 120 A49	02.06-	115892	24 5.5	A49
	[D2676LF03]	02.06-	113998	28 110				
		02.06-	114016	28 110				
		02.06-	115486	28 80 A49				
		02.06-	115492	28 110 A49				
		09.07-	114528*	28 120	02.06-	115556	24 5.5	
	[D2676LF05]	09.07-	115496	28 120 A49	02.06-	115892	24 5.5	A49
					02.06-	115556	24 5.5	
					02.06-	115892	24 5.5	A49
	(TGS)[D2676LF02]	08.08-	113998	28 110				
		08.08-	114007	28 80				
		08.08-	114016	28 110				
		08.08-	114528*	28 120				
		08.08-	115486	28 80	08.08-	115440	24 7.0	
		08.08-	115496	28 120	08.08-	115886	24 5.5	
	[D2676LF05]	08.08-	114528*	28 120	08.08-	115556	24 5.5	
		08.08-	115496	28 120 A49	08.08-	115892	24 5.5	A49
	[D2676LF07]	08.08-	114528*	28 120	08.08-	115556	24 5.5	
08.08-		115496	28 120 A49	08.08-	115892	24 5.5	A49	
[D2676LF14]	08.08-	114528*	28 120					
	08.08-	115496	28 120 A49					
(TGX)[D2676LF05]	10.07-	113998	28 110					
	10.07-	114016	28 110					
	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49	
	10.07-	115492	28 110 A49					
	01.14-	113998	28 110					
	01.14-	114007	28 80					
[D2676LF07]	01.14-	114528*	28 120	10.07-	115556	24 5.5		
	01.14-	115496	28 120 A49	10.07-	115440	24 7.0		
	10.07-	113998	28 110					
	10.07-	115486	28 80 A49	10.07-	115556	24 5.5		
	10.07-	115492	28 110 A49					
[D2676LF14]	01.14-	113998	28 110					
	01.14-	114007	28 80					
	01.14-	114528*	28 120	10.07-	115440	24 7.0		
	01.14-	115496	28 120 A49	10.07-	115892	24 5.5	A49	
[D2676LF16]	10.07-	113998	28 110					
	10.07-	114016	28 110					
	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49	
	10.07-	115492	28 110 A49					
	01.14-	113998	28 110					
	01.14-	114007	28 80					
[D2676LF25]	01.14-	114528*	28 120	10.07-	115556	24 5.5		
	01.14-	115496	28 120 A49	10.07-	115440	24 7.0		
	10.07-	113998	28 110					
	10.07-	115486	28 80 A49					
	10.07-	115492	28 110 A49					
[D2676LF14]	01.14-	113998	28 110					
	01.14-	114007	28 80					
	01.14-	114528*	28 120	10.07-	115556	24 5.5		
	01.14-	115496	28 120 A49	10.07-	115440	24 7.0		
[D2676LF25]	01.14-	113998	28 110					
	01.14-	114007	28 80					
	01.14-	114528*	28 120					
	01.14-	115486	28 80 A49	10.07-	115556	24 5.5		
	01.14-	115496	28 120 A49	10.07-	115892	24 5.5	A49	
33.480 12.8	(TGA)[D2876LF05]	09.02- 06.03	113289	28 90				
		09.02- 06.03	113295	28 55	06.03-	110206	24 5.4	
[D2876LF12]	09.02-	113998	28 110	09.02-	114031	24 5.5		
	09.02- 09.06	114008	28 80	09.02-	115886	24 5.5	A49	
				09.02-	110206	24 5.4		
				09.02-	113855	24 5.4		
[D2876LF25]	09.02-	114008	28 80	09.02-	115886	24 5.5	A49	
				06.03-	110206	24 5.4		
				09.02-	113855	24 5.4		
				09.02-	114031	24 5.5		
33.502 18.3	(F 90)[D2840LF01]	09.91- 06.96	110895	28 55	09.91- 06.96	110210	24 6.6	
		09.91- 06.96	112159	28 80	09.91- 06.96	111046	24 6.6	
		09.91- 06.96	113920	28 35				
[D2840LF04]	09.91- 06.96	110895	28 55					
	09.91- 06.96	112159	28 80	09.91- 06.96	110210	24 6.6		
[D2840LF06]	09.91- 06.96	113920	28 35	09.91- 06.96	111046	24 6.6		
	09.91- 06.96	110895	28 55					
				09.91- 06.96	110210	24 6.6		
				09.91- 06.96	111046	24 6.6		
33.510 12.8	(TGA)[D2876LF05]	09.02- 06.03	113289	28 90				
		09.02- 06.03	113295	28 55	09.02- 06.03	110206	24 5.4	
33.530 12.8	(TGA)[D2876LF13]	09.02-	113998	28 110	09.02-	110206	24 5.4	
		09.02-	114008	28 80	09.02-	113855	24 5.4	
				09.02-	114031	24 5.5		
				09.02-	115886	24 5.5	A49	
33.540 12.4	(TGS)[D2676LF06]	02.09-	114528*	28 120	02.09-	115556	24 5.5	
		02.09-	115496	28 120 A49	02.09-	115892	24 5.5	A49
[D2676LF13]	02.09-	114528*	28 120					
	02.09-	115496	28 120 A49					
(TGX)[D2676LF06]	10.07-	113998	28 110	10.07-	115556	24 5.5		
	10.07-	115486	28 80 A49	10.07-	115892	24 5.5	A49	
	10.07-	115492	28 110 A49					
				10.07-	115440	24 7.0		



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	[D2676LF13]	10.07- 10.07- 10.07- 10.07-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		10.07- 10.07- 10.07-	115556 115892 115440	24 5.5 24 5.5 A49 24 7.0
33.600 18.3	(E2000 Evolution)[D2840LF21]					06.00-	110210	24 6.6
33.603 18.3	(F 2000)[D2840LF20]					06.96- 06.96- 06.96- 06.96-	110210 111046 112120 113855	24 6.6 24 6.6 24 6.6 24 5.4
33.680 16.2	(TGX)[D2868LF02]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
35.262 10.0	(F 90)[D2865LF/260]	02.89- 02.90 02.89- 02.90	110895 112159	28 55 28 80		02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90 02.89- 02.90	112120 113855 110206 110210 111046	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6
35.272 10.0	(F 90)[D2865LF02]	02.90- 12.92 02.90- 12.92	110895 112159	28 55 28 80		02.90- 12.92 02.90- 12.92 02.90- 12.92 02.90- 12.92 02.90- 12.92	112120 113855 110206 110210 111046	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6
35.292 12.0	(F 90)[D2866LFZ/290]	10.88- 04.95	110895	28 55		10.88- 04.95 10.88- 04.95 10.88- 04.95	113855 110206 111046	24 5.4 24 5.4 24 6.6
35.302 12.0	(F 90)[D2866LF04]	05.90- 09.91 05.90- 09.91	110895 112159	28 55 28 80		05.90- 09.91 05.90- 09.91 05.90- 11.90	111046 113855 110206	24 6.6 24 5.4 24 5.4
35.310 10.5	(TGA)[D2066LF04]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF35]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
35.310 12.0	(TGA)[D2866LF26]	06.03- 06.05 06.03- 06.05 11.03- 11.03-	113998 114008 113289 113295	28 110 28 80 28 90 28 55		11.03-	110206	24 5.4
35.314 12.0	(F 2000)	03.02-	110895	28 55		03.02-	110206	24 5.4
35.320 10.5	(TGA)[D2066LF04]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF35]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGS)[D2066LF28]	10.07- 10.07-	113998 115492	28 110 28 110 A49				
	[D2066LF39]	10.07- 10.07- 06.08- 06.08-	113998 115492 114007 115486	28 110 28 110 A49 28 80 28 80 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF43]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
35.322 10.0	(F 90)[D2865LF03]	02.90- 06.96 07.93- 06.96 09.93- 06.96	112159 110895 113920	28 80 28 55 28 35		02.90- 06.96 02.90- 06.96 02.90- 06.96	110210 110210 111046	24 6.6 24 6.6 24 6.6
	[D2865LF06]	02.90- 06.96 07.93- 06.96 09.93- 06.96	112159 110895 113920	28 80 28 55 28 35		02.90- 06.96 02.90- 06.96 02.90- 06.96	110210 110210 111046	24 6.6 24 6.6 24 6.6
35.322 12.0	(F 90)[D2865LF03]	02.90- 05.94 07.93- 05.94 09.93- 05.94	112159 110895 113920	28 80 28 55 28 35		02.90- 05.94 02.90- 05.94 02.90- 06.96	110210 110210 111046	24 6.6 24 6.6 24 6.6
35.332 12.0	(F 90)[D2866LFZ/330]	10.88- 04.95	110895	28 55		10.88- 05.95 10.88- 04.95 10.88- 04.95	113855 110206 111046	24 5.4 24 5.4 24 6.6
35.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96 05.94- 06.96	110895 112159 113920	28 55 28 80 28 35		05.94- 06.96 05.94- 06.96	110210 111046	24 6.6 24 6.6
35.343 10.0	(F 2000)[D2865LF21]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95-	113855 110206 111046	24 5.4 24 5.4 24 6.6
35.350 10.5	(TGA)[D2066LF03]	02.04- 02.04- 02.04- 09.06 02.04- 09.06 02.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 02.04- 02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF13]	02.04- 02.04- 10.04- 09.06 10.04- 09.06 10.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49



	[D2066LF33]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49					
35.360 10.5	(TGA)[D2066LF03]	02.04- 02.04- 02.04- 02.04- 09.06 02.04- 09.06 02.04- 09.06	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49			02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF13]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF33]	02.04- 02.04- 07.06- 07.06- 07.06-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF38]	07.06- 07.06- 07.06- 07.06- 07.06-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			07.06- 07.06-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF27]	10.07- 10.07-	113998 115492	28 110 28 110 A49					
	[D2066LF38]	10.07- 10.07- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 115492 113998 114007 114528* 115486 115496	28 110 28 110 A49 28 110 28 80 28 120 28 80 A49 28 120 A49			06.08- 06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF42]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49			06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF67]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49					
	(TGX)[D2066LF27]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49			06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF38]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49			06.08- 06.08-	115892 115556	24 5.5 A49 24 5.5
	[D2066LF42]	06.08- 06.08- 06.08- 06.08-	113998 115486 115492 115492	28 110 28 80 A49 28 110 A49 28 110 A49			06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
35.360 12.0	(E2000 Evolution)[D2866LF24]						05.00-	110206	24 5.4
	[D2866LF27]	10.03- 12.05 10.03- 12.05	113998 114008	28 110 28 80					
35.362 12.0	(F 90)[D2866LXF]	10.88- 02.90 10.88- 02.90	110895 112159	28 55 28 80			10.88- 02.90 10.88- 02.90 10.88- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4
35.372 12.0	(F 90)[D2866LF03]	02.90- 04.92 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35			02.90- 05.94	110206	24 5.4
	[D2866LF05]	02.90- 04.92 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35			10.92- 05.94	110206	24 5.4
	[D2866LF15]	02.90- 04.94 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35			05.94- 06.96	110206	24 5.4
	[D2866LXF/Silent]	02.90- 04.95	110895	28 55			02.90- 04.95 02.90- 04.95 02.90- 04.95	113855 110206 111046	24 5.4 24 5.4 24 6.6
35.390 10.5	(TGA)[D2066LF02]	02.04- 02.04- 02.04- 09.06 06.04- 09.06 06.04- 09.06	113998 114528* 115496 115486 115492	28 110 28 120 28 120 A49 28 80 A49 28 110 A49			02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF12]	02.04- 02.04- 02.04- 09.06 10.04- 09.06 10.04- 09.06	113998 114528* 115496 115486 115492	28 110 28 120 28 120 A49 28 80 A49 28 110 A49			02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF32]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49



Application list

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	(TGS)[D2066LF02]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
35.400 10.5	(TGA)[D2066LF02]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF12]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF32]	02.04- 02.04- 07.06- 07.06- 07.06-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF37]	02.04- 02.04- 07.06- 07.06- 11.06- 11.06- 11.06-	113998 115492 114007 115486 113998 114528* 115496	28 110 28 110 A49 28 80 28 80 A49 28 110 28 120 28 120 A49		07.06- 07.06-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF26]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF37]	10.07- 10.07- 10.07- 10.07- 10.07- 10.07-	113998 114007 114528* 115486 115492 115496	28 110 28 80 28 120 28 80 A49 28 110 A49 28 120 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF41]	10.07- 10.07- 06.08- 06.08-	113998 115492 114007 115486	28 110 28 110 A49 28 80 28 80 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	(TGX)[D2066LF26]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF37]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF41]	06.08- 06.08- 06.08-	113998 115486 115492	28 110 28 80 A49 28 110 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
35.402 12.0	(F 90)[D2866LF16]	05.94- 06.96 05.94- 06.96	112159 113920	28 80 28 35		05.94- 06.96	110206	24 5.4
35.403 12.0	(F 2000)[D2866LF20]	08.95- 08.95- 08.95- 08.95- 09.01	110895 112159 113289 113295 113920	28 55 28 80 28 90 28 55 28 35		08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4
35.410 12.0	(E2000 Evolution)[D2866LF25]					05.00-	110206	24 5.4
	(TGA)[D2866LF28]	06.03- 05.04 10.03-	114008 113998	28 80 28 110				
35.422 12.0	(F 90)[D2866LF06]	02.90- 04.92 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 05.94	110206	24 5.4
	[D2866LF09]	02.90- 04.92 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		10.90- 06.96	110206	24 5.4
35.430 10.5	(TGA)[D2066LF01]	02.04- 02.04- 02.04- 09.06 03.04- 09.06	113998 114528* 115496 115486 115492	28 110 28 120 28 120 A49 28 80 A49 28 110 A49		02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF11]	02.04- 02.04- 10.04- 09.06 10.04- 09.06 10.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04-	115556	24 5.5
	[D2066LF31]	02.04- 02.04- 02.04- 02.04- 02.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		02.04- 02.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF01]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		06.08- 06.08-	115440 115886	24 7.0 24 5.5



35.440 10.5	(TGA)[D2066LF11]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49				
		02.04-	115492	28 110 A49	02.04-	115556	24 5.5	
		02.04-	115496	28 120 A49	02.04-	115892	24 5.5	A49
	[D2066LF31]	02.04-	113998	28 110				
		02.04-	114528*	28 120	02.04-	115556	24 5.5	
		07.06-	115486	28 80 A49	02.04-	115892	24 5.5	A49
		07.06-	115492	28 110 A49				
		07.06-	115496	28 120 A49				
	[D2066LF36]	02.04-	113998	28 110				
		02.04-	114528*	28 120				
		02.04-	115486	28 80 A49	02.04-	115892	24 5.5	A49
		02.04-	115492	28 110 A49				
		02.04-	115496	28 120 A49				
		07.06-	113998	28 110				
		07.06-	114007	28 80	02.04-	115556	24 5.5	
	(TGS)[D2066LF25]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
		06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49				
	[D2066LF36]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49	06.08-	115892	24 5.5	A49
		06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	115486	28 80 A49				
06.08-		115492	28 110 A49	06.08-	115556	24 5.5		
[D2066LF40]	10.07-	114528*	28 120					
	10.07-	115496	28 120 A49					
	06.08-	113998	28 110	06.08-	115892	24 5.5	A49	
	06.08-	114007	28 80					
	06.08-	115486	28 80 A49					
(TGX)[D2066LF25]	06.08-	115492	28 110 A49	06.08-	115556	24 5.5		
	06.08-	113998	28 110	06.08-	115892	24 5.5	A49	
	06.08-	114016	28 110					
	06.08-	115486	28 80 A49					
	06.08-	115492	28 110 A49					
[D2066LF36]	06.08-	113998	28 110					
	06.08-	114016	28 110	06.08-	115440	24 7.0		
	06.08-	115486	28 80 A49	06.08-	115556	24 5.5		
	06.08-	115492	28 110 A49	06.08-	115892	24 5.5	A49	
	06.08-	115496	28 120					
[D2066LF40]	06.08-	113998	28 110					
	06.08-	115486	28 80 A49	06.08-	115556	24 5.5		
	06.08-	115492	28 110 A49	06.08-	115892	24 5.5	A49	
	06.08-	114016	28 110					
	06.08-	115486	28 80 A49					
35.440 12.4	(TGS)[D2676LF22]	08.08-	113998	28 110				
		08.08-	114007	28 80				
		08.08-	114016	28 110				
		08.08-	114528*	28 120				
		08.08-	115486	28 80	08.08-	115440	24 7.0	
	08.08-	115496	28 120	08.08-	115886	24 5.5		
	[D2676LF26]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110	06.08-	115440	24 7.0	
		06.08-	114528*	28 120	06.08-	115886	24 5.5	
06.08-		115486	28 80					
(TGX)[D2676LF26]	06.08-	115496	28 120					
	06.08-	113998	28 110					
	06.08-	114007	28 80					
	06.08-	114016	28 110					
	06.08-	114528*	28 120					
	06.08-	115486	28 80 A49					
	06.08-	115496	28 120 A49	06.08-	115440	24 7.0		
	06.08-	113998	28 110	06.08-	115886	24 5.5		
	06.08-	114007	28 80					
	06.08-	114016	28 110					
35.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
	(TGA)[D2876LF04]				07.06-	110206	24 5.4	
35.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28 55	08.95-	111046	24 6.6	
		08.95-	112159	28 80	08.95-	113855	24 5.4	
		08.95-	113289	28 90				
		08.95-	113295	28 55				
		08.95-09.01	113920	28 35	08.95-	110206	24 5.4	
35.480 12.4	(TGA)[D2676LF01]	02.04-	113998	28 110				
		07.06-	115486	28 80 A49	02.04-	115556	24 5.5	
		07.06-	115492	28 110 A49	02.04-	115892	24 5.5	
	[D2676LF05]	07.06-	113998	28 110				
		07.06-	114007	28 80				
		07.06-	115486	28 80 A49	02.04-	115556	24 5.5	
		07.06-	115492	28 110 A49	02.04-	115892	24 5.5	
		11.06-	113998	28 110				
	(TGS)[D2676LF05]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49	06.08-	115892	24 5.5	
		06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49	06.08-	115556	24 5.5	
	[D2676LF07]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49	06.08-	115892	24 5.5	
		06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	115486	28 80 A49	06.08-	115556	24 5.5	
	[D2676LF14]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
		06.08-	113998	28 110				
		06.08-	114007	28 80				
06.08-		115486	28 80 A49					
06.08-		115492	28 110 A49					
06.08-		115496	28 120 A49					



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	[D2676LF25]	06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114528* 115486 115496	28 110 28 80 28 120 28 80 A49 28 120 A49				
	(TGX)[D2676LF05]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		06.08- 06.08- 06.08-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	[D2676LF07]	06.08- 06.08- 06.08-	113998 115486 115492	28 110 28 80 A49 28 110 A49		06.08- 06.08-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF14]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		06.08- 06.08- 06.08-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
35.480 12.8	(TGA)[D2876LF12]	09.03- 09.06 09.03- 09.06	113998 114008	28 110 28 80		10.03- 09.06 10.03- 09.06 10.93-	114031 115886 113855	24 5.5 24 5.5 A49 24 5.4
35.530 12.8	(TGA)[D2876LF13]	06.04- 03.06 06.04- 03.06	113998 114008	28 110 28 80		06.04- 03.06 06.04- 03.06 04.04-	114031 115886 113855	24 5.5 24 5.5 A49 24 5.4
35.540 12.4	(TGS)[D2676LF06]	10.07- 10.07- 06.08- 06.08- 06.08-	114528* 115496 113998 114007 115486	28 120 28 120 A49 28 110 28 80 28 80 A49		06.08- 06.08-	115892 115556	24 5.5 A49 24 5.5
	[D2676LF13]	10.07- 10.07-	114528* 115496	28 120 28 120 A49				
	(TGX)[D2676LF06]	06.08- 06.08- 06.08-	113998 115486 115492	28 110 28 80 A49 28 110 A49		06.08- 06.08- 06.08-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	[D2676LF13]	06.08- 06.08- 06.08- 06.08-	113998 114016 115486 115492	28 110 28 110 28 80 A49 28 110 A49		06.08- 06.08- 06.08-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
37.310 10.5	(TGA)[D2066LF04]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF35]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
37.320 10.5	(TGA)[D2066LF04]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
	[D2066LF35]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49				
	(TGS)[D2066LF28]	10.07- 10.07-	113998 115492	28 110 28 110 A49				
	[D2066LF39]	10.07- 10.07- 07.08- 07.08-	113998 115492 114007 115486	28 110 28 110 A49 28 80 28 80 A49		07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF43]	10.07- 10.07- 07.08- 07.08-	113998 115492 114007 115486	28 110 28 110 A49 28 80 28 80 A49		07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49
37.350 10.5	(TGA)[D2066LF03]	12.04- 12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF13]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF33]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
37.360 10.5	(TGA)[D2066LF03]	12.04- 12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF13]	12.04- 12.04- 12.04- 12.04- 12.04- 12.04-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49



	[D2066LF33]	12.04- 12.04- 07.06- 07.06- 07.06-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49					
	(TGS)[D2066LF27]	10.07- 10.07-	113998 115492	28 110 28 110 A49			12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF38]	10.07- 10.07-	113998 115492	28 110 28 110 A49			07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF42]	10.07- 10.07-	113998 115492	28 110 28 110 A49			07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49
37.390 10.5	(TGA)[D2066LF02]	03.04- 09.06 03.04- 09.06 03.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120			12.04- 12.04- 12.04- 12.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5
	[D2066LF12]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120			12.04- 12.04- 12.04- 12.04-	115892 116087 115556	24 5.5 A49 24 5.5 24 5.5
	[D2066LF32]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5
37.400 10.5	(TGA)[D2066LF02]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5
	[D2066LF12]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115556 115892 116087	24 5.5 24 5.5 A49 24 5.5
	[D2066LF32]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115892 116087	24 5.5 A49 24 5.5
	(TGS)[D2066LF26]	10.07- 10.07-	114007 115486	28 80 28 80 A49					
	[D2066LF37]	10.07- 10.07- 07.08- 07.08-	114007 115486 113998 115492	28 80 28 80 A49 28 110 28 110 A49			12.04- 12.04- 07.08- 07.08-	115556 115892 115892	24 5.5 24 5.5 A49 24 5.5 A49
	[D2066LF41]	10.07- 10.07- 07.08- 07.08-	114007 115486 113998 115492	28 80 28 80 A49 28 110 28 110 A49			12.04- 12.04- 07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49
37.410 12.0	(TGA)[D2866LF28]						12.04-	110206	24 5.4
37.430 10.5	(TGA)[D2066LF01]	03.04- 09.06 03.04- 09.06 03.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120			12.04- 12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF11]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120			12.04- 12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF31]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115892	24 5.5 A49
37.440 10.5	(TGA)[D2066LF01]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF11]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF31]	12.04- 12.04- 07.06- 07.06- 07.06-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49			12.04- 12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF25]	10.07- 10.07-	114007 115486	28 80 28 80 A49					
	[D2066LF36]	10.07- 10.07- 07.08- 07.08-	114007 115486 113998 115492	28 80 28 80 A49 28 110 28 110 A49			07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF40]	10.07- 10.07- 07.08- 07.08-	114007 115486 113998 115492	28 80 28 80 A49 28 110 28 110 A49			07.08- 07.08-	115556 115892	24 5.5 24 5.5 A49



40.400 10.5	(TGA)[D2066LF02]	06.05-	113998	28 110	06.05-	110210	24 6.6	
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
		06.05-	115486	28 80 A49				
		06.05-	115492	28 110 A49				
		06.05-	115496	28 120 A49	06.05-	115556	24 5.5	
					06.05-	115892	24 5.5	A49
	[D2066LF06]	06.05-	113998	28 110				
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
		06.05-	115486	28 80 A49				
		06.05-	115492	28 110 A49				
		06.05-	115496	28 120 A49	06.05-	110210	24 6.6	
	[D2066LF37]	06.05-	113998	28 110				
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
		06.05-	115486	28 80 A49				
		06.05-	115492	28 110 A49				
		06.05-	115496	28 120 A49	06.05-	110210	24 6.6	
	(TGS)[D2066LF06]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49	06.08-	115886	24 5.5	
		06.08-	115496	28 120 A49	02.11-	115556	24 5.5	
		06.08-	115492	28 110 A49	02.11-	115892	24 5.5	A49
		02.11-	115492	28 110 A49	06.08-	115440	24 7.0	
	[D2066LF49]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49	06.08-	115886	24 5.5	
		06.08-	115496	28 120 A49	02.11-	115892	24 5.5	A49
		06.08-	115492	28 110 A49	06.08-	115440	24 7.0	
		02.11-	115492	28 110 A49	02.11-	115556	24 5.5	
	[D2066LF63]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49	06.08-	115886	24 5.5	
		06.08-	115496	28 120 A49	06.08-	115440	24 7.0	
		06.08-	115492	28 110	02.11-	115556	24 5.5	
		02.11-	115492	28 110 A49	02.11-	115892	24 5.5	A49
40.402 12.0	(F 90)[D2866LF16]	05.95- 06.96	112159	28 80				
		05.95- 06.96	113920	28 35	05.95- 06.96	110206	24 5.4	
40.403 12.0	(F 2000)[D2866LF20]	01.94-	110895	28 55	01.94-	110206	24 5.4	
40.410 12.0	(TGA)[D2866LF28]	04.04-	113998	28 110				
		04.04- 12.05	114008	28 80				
	[D2866LF32]	04.04-	113998	28 110				
		04.04- 12.05	114008	28 80				
40.414 12.0	(F 2000)	05.01-	110895	28 55				
40.422 12.0	(F 90)[D2866LF06]	12.91- 04.92	110895	28 55				
		12.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	12.91- 06.96	110206	24 5.4	
	[D2866LF09]	12.91- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	12.91- 06.96	110206	24 5.4	
40.430 10.5	(TGA)[D2066LF01]	01.05- 09.06	115486	28 80 A49				
		01.05- 09.06	115492	28 110 A49	06.05-	115556	24 5.5	
		01.05- 09.06	115496	28 120 A49	06.05-	115892	24 5.5	A49
		06.05-	113998	28 110				
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
	[D2066LF36]	06.05-	113998	28 110				
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
		06.05-	115486	28 80 A49	06.05-	115440	24 7.0	
		06.05-	115492	28 110 A49	06.05-	115556	24 5.5	
		06.05-	115496	28 120 A49	06.05-	115892	24 5.5	A49
	(TGS)[D2066LF01]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49	06.08-	115440	24 7.0	
		06.08-	115496	28 120 A49	06.08-	115886	24 5.5	
40.440 10.5	(TGA)[D2066LF01]	06.05-	113998	28 110				
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
		06.05-	115486	28 80 A49				
		06.05-	115492	28 110 A49	06.05-	115556	24 5.5	
		06.05-	115496	28 120 A49	06.05-	115892	24 5.5	A49
	[D2066LF36]	06.05-	113998	28 110				
		06.05-	114016	28 110				
		06.05-	114528*	28 120				
		06.05-	115486	28 80 A49	06.05-	115440	24 7.0	
		06.05-	115492	28 110 A49	06.05-	115556	24 5.5	
		06.05-	115496	28 120 A49	06.05-	115892	24 5.5	A49
	(TGS)[D2066LF50]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49	06.08-	115886	24 5.5	
		06.08-	115496	28 120 A49	02.11-	115556	24 5.5	
		06.08-	115492	28 110 A49	02.11-	115892	24 5.5	A49
		02.11-	115492	28 110 A49	06.08-	115440	24 7.0	



Application list

MAN Continued

	[D2066LF62]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 02.11-	113998 114007 114016 114528* 115486 115496 115492	28 110 28 80 28 110 28 120 28 80 A49 28 120 A49 28 110 A49		06.08- 02.11- 02.11-	115886 115556 115892	24 5.5 24 5.5 24 5.5 A49
40.440 12.4	(TGA)[D2676LF04]	06.05- 06.05-	114528* 115496	28 120 28 120 A49		06.08- 06.05-	115440 115556 115892	24 7.0 24 5.5 24 5.5 A49
	(TGS)[D2676LF04]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 02.11-	113998 114007 114016 114528* 115486 115496 115492	28 110 28 80 28 110 28 120 28 80 A49 28 120 A49 28 110 A49		06.08- 02.11- 02.11-	115886 115556 115892	24 5.5 24 5.5 24 5.5 A49
40.460 12.8	(TGA)[D2876LF07]	04.04- 04.04-	113998 114008	28 110 28 80				
40.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90 07.89- 02.90	110895 112159	28 55 28 80		07.89- 02.90 07.89- 02.90 07.89- 02.90 07.89- 02.90	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
40.463 12.8	(F 2000)[D2876LF02]	01.94-	110895	28 55		01.94-	110206	24 5.4
40.480 12.4	(TGA)[D2676LF02]	06.05- 06.05- 06.05- 06.05- 06.05- 06.05-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		06.05- 06.05-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF03]	06.05- 06.05- 06.05- 06.05- 06.05- 06.05-	113998 114016 114528* 115486 115492 115496	28 110 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		06.05- 06.05-	115556 115892	24 5.5 24 5.5 A49
	[D2676LF12]	06.05- 06.05-	114528* 115496	28 120 28 120 A49				
	(TGS)[D2676LF02]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115492 115496 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 120 A49		06.08- 06.08-	115440 115886	24 7.0 24 5.5
	[D2676LF03]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115492 115496 115497	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49 28 80		06.08- 06.08-	115440 115886	24 7.0 24 5.5
	[D2676LF20]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		06.08- 06.08-	115440 115886	24 7.0 24 5.5
40.480 12.8	(TGA)[D2876LF12]	04.04- 04.04- 09.06	113998 114008	28 110 28 80		04.04- 04.04- 04.04-	114031 115886 113855	24 5.5 24 5.5 A49 24 5.4
	[D2876LF25]	04.04- 04.04- 09.06	113998 114008	28 110 28 80		04.04- 04.04- 04.04-	113855 114031 115886	24 5.4 24 5.5 24 5.5 A49
40.502 18.3	(F 90)[D2840LF01]	02.90- 06.96 02.90- 06.96 02.90- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 06.96 02.90- 06.96 02.90- 06.96	110210 111046 111046	24 6.6 24 6.6 24 6.6
	[D2840LF04]	02.90- 06.96 02.90- 06.96 02.90- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 06.96 02.90- 06.96 02.90- 06.96	110210 111046 111046	24 6.6 24 6.6 24 6.6
	[D2840LF06]	02.90- 06.96 02.90- 06.96 02.90- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 06.96 02.90- 06.96 02.90- 06.96	110210 111046 111046	24 6.6 24 6.6 24 6.6
41.262 10.0	(F 90)[D2865LF/260]	07.89- 02.90 07.89- 02.90	110895 112159	28 55 28 80		07.89- 02.90 07.89- 02.90 07.89- 02.90 07.89- 02.90	112120 113855 110206 110210 111046	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6
41.272 10.0	(F 90)[D2865LF02]	02.90- 12.91 02.90- 12.91	110895 112159	28 55 28 80		02.90- 12.91 02.90- 12.91 02.90- 12.91 02.90- 12.91	112120 113855 110206 110210 111046	24 6.6 24 5.4 24 5.4 24 6.6 24 6.6
41.292 12.0	(F 90)[D2866LF/290]	10.88- 02.90 10.88- 02.90	110895 112159	28 55 28 80		10.88- 02.90 10.88- 02.90 10.88- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4
41.320 10.5	(TGS)[D2066LF39]	06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		06.08- 06.08- 06.08- 06.08-	115440 115886 115556 115892	24 7.0 24 5.5 24 5.5 24 5.5 A49



	[D2066LF43]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 A49 28 120		06.08- 06.08- 06.08- 06.08-	115886 115440 115556 115892	24 5.5 24 7.0 24 5.5 24 5.5 A49
	[D2066LF68]	06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		06.08- 06.08-	115440 115886	24 7.0 24 5.5
41.322 10.0	(F 90)[D2865LF03]	02.90- 02.90- 06.96 09.93- 05.94	110895 112159 113920	28 55 28 80 28 35		02.90- 06.96 02.90- 06.96	110210 111046	24 6.6 24 6.6
	[D2865LF06]	02.90- 06.96 02.90- 06.96	110895 112159	28 55 28 80		02.90- 06.96 02.90- 06.96	110210 111046	24 6.6 24 6.6
41.322 12.0	(F 90)[D2866LF/330]	10.88- 02.90 10.88- 02.90	110895 112159	28 55 28 80		10.88- 02.90 10.88- 02.90 10.88- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4
41.342 10.0	(F 90)[D2865LF09]	05.94- 06.96 05.94- 06.96	110895 112159	28 55 28 80		05.94- 06.96 05.94- 06.96	110210 111046	24 6.6 24 6.6
41.343 10.0	(F 2000)[D2865LF21]	08.95- 08.95- 08.95- 09.01	110895 112159 113920	28 55 28 80 28 35		08.95- 08.95- 08.95-	110206 111046 113855	24 5.4 24 6.6 24 5.4
41.350 10.5	(TGA)[D2066LF03]	12.04- 12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF13]	10.04- 09.06 10.04- 09.06 10.04- 09.06	115486 115492 115496	28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF33]	12.04- 12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	(TGS)[D2066LF03]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		06.08- 06.08-	115440 115886	24 7.0 24 5.5
41.360 10.5	(TGA)[D2066LF03]	12.04- 12.04- 12.04- 09.06 12.04- 09.06 12.04- 09.06	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115892 115556	24 5.5 A49 24 5.5
	[D2066LF07]	09.07- 09.07- 12.08- 12.08-	114007 115486 113998 115492	28 80 28 80 A49 28 110 28 110 A49				
	[D2066LF13]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49
	[D2066LF33]	07.03- 12.04- 12.04- 07.06- 07.06-	115496 113998 114528* 115486 115492	28 120 A49 28 110 28 120 28 80 A49 28 110 A49		12.04- 12.04-	115892 115556	24 5.5 A49 24 5.5
	(TGS)[D2066LF27]	10.07- 10.07-	114007 115486	28 80 28 80 A49				
	[D2066LF38]	10.07- 10.07- 07.08- 07.08- 07.08- 07.08- 07.08-	114007 115486 113998 114016 114528* 115492 115496	28 80 28 80 A49 28 110 28 110 28 120 28 110 A49 28 120		07.08- 07.08- 07.08- 07.08-	115886 115440 115556 115892	24 5.5 24 7.0 24 5.5 24 5.5 A49
	[D2066LF42]	10.07- 10.07- 07.08- 07.08- 07.08- 07.08-	114007 115486 113998 114016 114528* 115492	28 80 28 80 A49 28 110 28 110 28 120 28 110 A49		07.08- 07.08- 07.08- 07.08-	115886 115440 115556 115892	24 5.5 24 7.0 24 5.5 24 5.5 A49
	[D2066LF48]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		07.08- 07.08-	115440 115886	24 7.0 24 5.5



Application list

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	[D2066LF64]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120					
						07.08- 07.08-	115440 115886	24 7.0 24 5.5	
	[D2066LF67]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120					
						07.08- 07.08-	115440 115886	24 7.0 24 5.5	
41.360 12.0	(TGA)[D2866LF27]	12.04- 12.04-	114528* 115496	28 120 28 120 A49		01.03- 01.03-	115556 115892	24 5.5 24 5.5 A49	
	[D2866LF37]	01.03- 01.03-	113289 113295	28 90 28 55		01.03- 01.03-	115556 115892 110206	24 5.5 24 5.5 A49 24 5.4	
41.362 12.0	(F 90)[D2866LXF]	10.88- 02.90 10.88- 02.90	110895 112159	28 55 28 80		10.88- 02.90 10.88- 02.90 10.88- 02.90	111046 113855 110206	24 6.6 24 5.4 24 5.4	
41.364 12.0	(F 2000)	05.01-	110895	28 55					
41.372 12.0	(F 90)[D2866LF03]	02.90- 04.92 02.90- 06.96 09.93- 06.96	110895 112159 113920	28 55 28 80 28 35		02.90- 05.94	110206	24 5.4	
	[D2866LF05]	02.90- 06.96 10.92- 05.94 09.93- 06.96	112159 110895 113920	28 80 28 55 28 35		10.92- 11.92	110206	24 5.4	
	[D2866LF15]	02.90- 06.96 09.93- 06.96	112159 113920	28 80 28 35		05.94- 06.96	110206	24 5.4	
41.390 10.5	(TGA)[D2066LF02]	03.04- 09.06 03.04- 09.06 03.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120		12.04- 12.04-	115892 115556	24 5.5 A49 24 5.5	
	[D2066LF12]	10.04- 09.06 10.04- 09.06 10.04- 09.06 12.04- 12.04-	115486 115492 115496 113998 114528*	28 80 A49 28 110 A49 28 120 A49 28 110 28 120		12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF32]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	(TGS)[D2066LF02]	06.08- 06.08- 06.08- 06.08- 06.08- 06.08- 06.08-	113998 114007 114016 114528* 115486 115492 115496	28 110 28 80 28 110 28 120 28 80 A49 28 110 A49 28 120 A49		06.08- 06.08-	115440 115886	24 7.0 24 5.5	
41.400 10.5	(TGA)[D2066LF02]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF06]	09.07- 09.07-	113998 115492	28 110 28 110 A49		09.07- 09.07-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF12]	12.04- 12.04- 12.04- 12.04- 12.04-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	[D2066LF32]	12.04- 12.04- 07.06- 07.06- 07.06-	113998 114528* 115486 115492 115496	28 110 28 120 28 80 A49 28 110 A49 28 120 A49		12.04- 12.04-	115556 115892	24 5.5 24 5.5 A49	
	(TGS)[D2066LF06]	07.08- 07.08- 07.08- 07.08- 07.08- 07.08-	113998 114007 114016 114528* 115486 115496	28 110 28 80 28 110 28 120 28 80 28 120		07.08- 07.08-	115440 115886	24 7.0 24 5.5	
	[D2066LF26]	10.07- 10.07-	114007 115486	28 80 28 80 A49					
	[D2066LF37]	10.07- 10.07- 07.08- 07.08- 07.08- 07.08- 07.08-	114007 115486 113998 114016 114528* 115492 115496	28 80 28 80 A49 28 110 28 110 28 120 28 110 A49 28 120 A49		07.08- 07.08- 07.08- 07.08- 07.08-	115886 115440 115556 115892	24 5.5 24 7.0 24 5.5 24 5.5 A49	
	[D2066LF41]	10.07- 10.07- 07.08- 07.08- 07.08- 07.08-	114007 115486 113998 114016 114528* 115492 115496	28 80 28 80 A49 28 110 28 110 28 120 28 110 A49 28 120 A49		07.08- 07.08- 07.08- 07.08-	115886 115440 115556 115892	24 5.5 24 7.0 24 5.5 24 5.5 A49	



	[D2066LF49]	07.08-	113998	28 110				
		07.08-	114007	28 80				
		07.08-	114528*	28 120				
		07.08-	115486	28 80 A49				
		07.08-	115492	28 110 A49				
		07.08-	115496	28 120 A49				
	[D2066LF61]	07.08-	113998	28 110				
		07.08-	114007	28 80				
		07.08-	114016	28 110				
		07.08-	114528*	28 120				
		07.08-	115486	28 80 A49				
		07.08-	115492	28 110 A49				
		07.08-	115496	28 120 A49	07.08-	115440	24 7.0	
					07.08-	115886	24 5.5	
	[D2066LF63]	07.08-	113998	28 110				
		07.08-	114007	28 80				
		07.08-	114528*	28 120				
		07.08-	115486	28 80 A49				
		07.08-	115492	28 110 A49				
		07.08-	115496	28 120 A49				
41.402 12.0	(F 90)[D2866LF16]	05.94- 06.96	112159	28 80				
		05.94- 06.96	113920	28 35	05.94- 05.94	110206	24 5.4	
41.403 12.0	(F 2000)[D2866LF20]	08.95-	110895	28 55				
		08.95-	112159	28 80				
		08.95-	113289	28 90	08.95-	110206	24 5.4	
		08.95-	113295	28 55	08.95-	111046	24 6.6	
		08.95- 09.01	113920	28 35	08.95-	113855	24 5.4	
41.410 12.0	(E2000 Evolution)[D2866LF25]				05.00-	110206	24 5.4	
	(TGA)[D2866LF28]	07.06-	114008	28 80	12.04-	110206	24 5.4	
41.414 12.0	(F 2000)	05.01-	110895	28 55				
41.422 12.0	(F 90)[D2866LF06]	02.90- 04.92	110895	28 55				
		02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	02.90- 05.94	110206	24 5.4	
	[D2866LF09]	02.90- 06.96	112159	28 80				
		09.93- 06.96	113920	28 35	02.90- 05.94	110206	24 5.4	
41.430 10.5	(TGA)[D2066LF01]	06.04- 09.06	115486	28 80 A49				
		06.04- 09.06	115492	28 110 A49				
		06.04- 09.06	115496	28 120 A49	12.04-	115892	24 5.5 A49	
		12.04-	113998	28 110				
		12.04-	114528*	28 120	12.04-	115556	24 5.5	
		09.07-	114007	28 80				
	[D2066LF11]	10.04- 09.06	115486	28 80 A49				
		10.04- 09.06	115492	28 110 A49				
		10.04- 09.06	115496	28 120 A49	12.04-	115892	24 5.5 A49	
		12.04-	113998	28 110				
		12.04-	114528*	28 120	12.04-	115556	24 5.5	
	[D2066LF31]	12.04-	113998	28 110				
		12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49	12.04-	115556	24 5.5	
		12.04-	115496	28 120 A49	12.04-	115892	24 5.5 A49	
	(TGS)[D2066LF01]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80				
		10.07-	115496	28 120	10.07-	115440	24 7.0	
					10.07-	115886	24 5.5	
41.440 10.5	(TGA)[D2066LF01]	12.04-	113998	28 110				
		12.04-	114528*	28 120				
		12.04-	115486	28 80 A49	12.04-	115556	24 5.5	
		12.04-	115492	28 110 A49	12.04-	115892	24 5.5 A49	
		12.04-	115496	28 120 A49				
	[D2066LF11]	12.04-	113998	28 110				
		12.04-	114528*	28 120				
		12.04-	115486	28 80 A49				
		12.04-	115492	28 110 A49	12.04-	115556	24 5.5	
		12.04-	115496	28 120 A49	12.04-	115892	24 5.5 A49	
	[D2066LF31]	12.04-	113998	28 110				
		12.04-	114528*	28 120				
		07.06-	115486	28 80 A49				
		07.06-	115492	28 110 A49	12.04-	115556	24 5.5	
		07.06-	115496	28 120 A49	12.04-	115892	24 5.5 A49	
	[D2066LF36]	07.06-	114007	28 80				
		07.06-	115486	28 80 A49				
	(TGS)[D2066LF25]	10.07-	113998	28 110				
		10.07-	115492	28 110 A49				
	[D2066LF36]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49	06.08-	115556	24 5.5	
		10.07-	115496	28 120 A49	06.08-	115892	24 5.5 A49	
	[D2066LF40]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120	06.08-	115556	24 5.5	
		10.07-	115486	28 80 A49	06.08-	115892	24 5.5 A49	
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
	[D2066LF50]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				



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	[D2066LF62]	10.07-	113998	28 110				
		10.07-	114007	28 80				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
41.440 12.4	(TGA)[D2676LF04]	12.04-	114528*	28 120	12.04-	115556	24 5.5	
		12.04-	115496	28 120 A49	12.04-	115892	24 5.5 A49	
	(TGS)[D2676LF04]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49	06.08-	115440	24 7.0	
		06.08-	115496	28 120 A49	06.08-	115886	24 5.5	
	[D2676LF26]	06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	114016	28 110				
		06.08-	114528*	28 120				
		06.08-	115486	28 80 A49				
		06.08-	115492	28 110 A49	06.08-	115440	24 7.0	
		06.08-	115496	28 120 A49	06.08-	115886	24 5.5	
41.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35				
	(TGA)[D2876LF04]				12.04-	110206	24 5.4	
41.463 12.8	(F 2000)[D2876LF02]	08.95-	110895	28 55				
		08.95-	112159	28 80				
		08.95-	113289	28 90	08.95-	111046	24 6.6	
		08.95-	113295	28 55	08.95-	110206	24 5.4	
		08.95- 09.01	113920	28 35	08.95-	113855	24 5.4	
41.464 12.8	(F 2000)[D2876LF06]	06.98-	110895	28 55				
		03.02-	110895	28 55				
41.480 12.4	(TGA)[D2676LF01]	02.06-	113998	28 110				
		02.06-	114016	28 110				
		02.06-	114528*	28 120				
		02.06-	115486	28 80 A49				
		02.06-	115492	28 110 A49	02.06-	115556	24 5.5	
		02.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49	
	[D2676LF02]	07.06-	114528*	28 120	02.06-	115556	24 5.5	
		07.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49	
	[D2676LF03]	09.07-	114528*	28 120	02.06-	115556	24 5.5	
		09.07-	115496	28 120 A49	02.06-	115892	24 5.5 A49	
	[D2676LF05]	07.06-	114007	28 80				
		07.06-	114528*	28 120	02.06-	115556	24 5.5	
		07.06-	115486	28 80 A49				
		07.06-	115496	28 120 A49	02.06-	115892	24 5.5 A49	
	(TGS)[D2676LF05]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49	06.08-	115892	24 5.5 A49	
		06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	115486	28 80 A49	06.08-	115556	24 5.5	
	[D2676LF07]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49	06.08-	115892	24 5.5 A49	
		06.08-	113998	28 110				
		06.08-	114007	28 80				
		06.08-	115486	28 80 A49	06.08-	115556	24 5.5	
	[D2676LF14]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
41.480 12.8	(TGA)[D2876LF12]	06.05-	114008	28 80	06.05-	115886	24 5.5 A49	
		07.06-	113998	28 110	06.05-	114031	24 5.5	
					06.05-	113855	24 5.4	
	[D2876LF25]				06.05-	114031	24 5.5	
					06.05-	115886	24 5.5 A49	
41.530 12.8	(TGA)[D2876LF12]	07.06-	114008	28 80				
	[D2876LF13]	09.02-	113998	28 110	09.02-	115886	24 5.5 A49	
		06.03-	114008	28 80	09.02-	114031	24 5.5	
					06.03-	110206	24 5.4	
					09.02-	113855	24 5.4	
41.540 12.4	(TGA)[D2676LF13]	11.06-	114528*	28 120	11.06-	115556	24 5.5	
		11.06-	115496	28 120 A49	11.06-	115892	24 5.5 A49	
	(TGS)[D2676LF06]	10.07-	114528*	28 120	02.09-	115556	24 5.5	
		10.07-	115496	28 120 A49	02.09-	115892	24 5.5 A49	
	[D2676LF13]	10.07-	114528*	28 120				
		10.07-	115496	28 120 A49				
	(TGX)[D2676LF06]	06.08-	113998	28 110	06.08-	115440	24 7.0	
		06.08-	115486	28 80 A49	06.08-	115556	24 5.5	
		06.08-	115492	28 110 A49	06.08-	115892	24 5.5 A49	
	[D2676LF13]	06.08-	113998	28 110				
		06.08-	114016	28 110	06.08-	115440	24 7.0	
		06.08-	115486	28 80 A49	06.08-	115556	24 5.5	
		06.08-	115492	28 110 A49	06.08-	115892	24 5.5 A49	
41.660 18.3	(TGA)[D2840LF25]	09.02-	113998	28 110				
		04.03-	115492	28 110 A49	09.02-	110210	24 6.6	
41.680 16.2	(TGX)[D2868LF03]	10.07-	113998	28 110				
		10.07-	114016	28 110				
		10.07-	114528*	28 120				
		10.07-	115486	28 80 A49				
		10.07-	115492	28 110 A49				
		10.07-	115496	28 120 A49				
48.292 12.0	(F 90)[D2866LF/290]	07.89- 02.90	110895	28 55	07.89- 02.90	113855	24 5.4	
		07.89- 02.90	112159	28 80	07.89- 02.90	111046	24 6.6	
					07.89- 02.90	110206	24 5.4	
48.332 12.0	(F 90)[D2866LF/330]	07.89- 02.90	110895	28 55	07.89- 02.90	111046	24 6.6	
		07.89- 02.90	112159	28 80	07.89- 02.90	113855	24 5.4	
					07.89- 02.90	110206	24 5.4	
48.362 12.0	(F 90)[D2866LXF]	07.89- 02.90	110895	28 55	07.89- 02.90	111046	24 6.6	
		07.89- 02.90	112159	28 80	07.89- 02.90	113855	24 5.4	
					07.89- 02.90	110206	24 5.4	



48.462 18.3	(F 90)[D2840LF/460]	07.89- 02.90	110895	28 55	07.89- 02.90	111046	24 6.6
		07.89- 02.90	112159	28 80	07.89- 02.90	112120	24 6.6
					07.89- 02.90	110210	24 6.6
50.410 12.0	(E2000 Evolution)[D2866LF25]				10.00-	110206	24 5.4
50.460 12.8	(E2000 Evolution)[D2876LF03]	05.00-	113920	28 35			
10.153 F 4.6	[D0824LFL01]	10.93-	110895	28 55	10.93-	111640	24 4.0
		10.93-	112159	28 80	10.93-	113468	24 4.0
		10.93-	113920	28 35	10.93-	113759	24 4.0
	[D0824LFL05]	10.93-	110895	28 55	10.93-	111640	24 4.0
		10.93-	112159	28 80	10.93-	113468	24 4.0
		10.93-	113920	28 35	10.93-	113759	24 4.0
10.153 FA 4.6	[D0824LFL01]	10.93-	110895	28 55	10.93-	111640	24 4.0
		10.93-	112159	28 80	10.93-	113759	24 4.0
		10.93-	113920	28 35	10.93-	113759	24 4.0
	[D0824LFL05]	10.93-	110895	28 55	10.93-	111640	24 4.0
		10.93-	112159	28 80	10.93-	113468	24 4.0
		10.93-	113920	28 35	10.93-	113759	24 4.0
10.163 F 4.6	[D0824LFL06]	05.94-	110895	28 55	05.94-	112446	24 4.0
		05.94-	112159	28 80	05.94-	113759	24 4.0
		05.94-	113920	28 35	05.94-	116135	24 4.0
					05.94-	111640	24 4.0
10.163 FA 4.6	[D0824LFL06]	05.94-	110895	28 55	05.94-	113759	24 4.0
		05.94-	113920	28 35	05.94-	116135	24 4.0
					05.94-	111640	24 4.0
					05.94-	112446	24 4.0
10.223 F 10.223 FL 6.9	[D0826LFL06]	10.93- 06.96	110895	28 55	10.93- 06.96	111640	24 4.0
		10.93- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0
		10.93- 06.96	113920	28 35	10.93- 06.96	113759	24 4.0
					10.93- 06.96	110206	24 5.4
10.223 FA 6.9	[D0826LFL06]	10.93- 06.96	110895	28 55	10.93- 06.96	111640	24 4.0
		10.93- 06.96	112159	28 80	10.93- 06.96	113468	24 4.0
		10.93- 06.96	113920	28 35	10.93- 06.96	113759	24 4.0
					10.93- 06.96	110206	24 5.4
10.224 F 10.224 FL 6.9	[D0826LFL03]	05.94-	110895	28 55	05.94-	111640	24 4.0
		05.94-	112159	28 80	05.94-	113468	24 4.0
		05.94-	113920	28 35	05.94-	113759	24 4.0
					05.94-	110206	24 5.4
10.224 FA 6.9	[D0826LFL03]	05.94-	110895	28 55	05.94-	113759	24 4.0
		05.94-	112159	28 80	05.94-	110206	24 5.4
		05.94-	113920	28 35	05.94-	111640	24 4.0
					05.94-	113468	24 4.0
14.192 FA 6.6	[D0826TF]	08.88- 06.90	111146	28 55	08.88- 06.90	113759	24 4.0
					08.88- 06.90	113468	24 4.0
18.460 FAK 12.8	(TGA)[D2876LF04]	12.00-	111288	14 65			
		12.00-	113998	28 110			
		12.00-	114008	28 80			
		12.00-	115492	28 110	12.00-	110206	24 5.4
	[D2876LF07]	12.00-	111288	14 65			
		12.00-	113998	28 110			
		12.00-	114008	28 80			
		12.00-	115492	28 110	12.00-	110206	24 5.4
18.520 FLS 15.3	(TGX)[D3876LF02]	09.14-	114528*	28 120			
		09.14-	115496	28 120 A49			
18.560 FLS 15.3	(TGX)[D3876LF01]	09.14-	114528*	28 120			
		09.14-	115496	28 120 A49			
41.640 FLS 15.3	(TGX)[D3876LF03]	09.14-	114528*	28 120			
		09.14-	115496	28 120 A49			
6.90 3.8	(G)[D0224MF]				10.79- 09.87	111640	24 4.0
					07.83- 09.87	113468	24 4.0
					10.79- 09.87	113759	24 4.0
8.90 3.8	(G)[D0224MF]				10.79- 09.87	111640	24 4.0
					07.83- 09.87	113468	24 4.0
					10.79- 09.87	113759	24 4.0
A 22 10.5	(Lions City)[D2066LUH46]	10.09-	116459*	28 120 A49			
	[D2066LUH47]	10.09-	116459*	28 120 A49			
	[D2066LUH48]	10.09-	116459*	28 120 A49			
C 440 L 440 12.4	(Lion S Coach)[D2676LOH30]	10.15-	114528*	28 120			
		10.15-	115496	28 120 A49			
		10.15-	116459*	28 120	10.15-	116087	24 5.5
C 480 L 480 12.4	(Lion S Coach)[D2676LOH31]	10.15-	114528*	28 120			
		10.15-	115496	28 120 A49			
		10.15-	116459*	28 120	10.15-	116087	24 5.5
EL 202 6.9	(EL Series)[D0826LUH]	04.94- 06.97	111842	28 140	04.94- 06.97	113468	24 4.0
	[D0826LUH03]	01.93- 06.97	111842	28 140	01.93- 06.97	111640	24 4.0
					01.93- 06.97	110206	24 5.4
					01.93- 06.97	113468	24 4.0
	[D0826LUH05]	04.94- 06.97	111842	28 140	01.93- 06.97	113468	24 4.0
					01.93- 06.97	110206	24 5.4
	[D0826LUH12]	01.93- 06.97	111842	28 140	01.93- 06.97	113468	24 4.0
					01.93- 06.97	110206	24 5.4
EL 222 6.9	(EL Series)[D0826LUH03]	01.93- 06.97	111842	28 140	01.93- 06.97	113468	24 4.0
					01.93- 06.97	110206	24 5.4
					01.93- 06.97	111640	24 4.0
	[D0826LUH05]	01.93- 06.97	111842	28 140	01.93- 06.97	113468	24 4.0
					01.93- 06.97	110206	24 5.4
	[D0826LUH12]	01.93- 06.97	111842	28 140	01.93- 06.97	113468	24 4.0
					01.93- 06.97	110206	24 5.4
EL 262 12.0	(EL Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	113855	24 5.4
					07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
EL 262 6.9	(EL Series)[D0826LUH]	02.96- 06.98	111842	28 140	04.94- 06.97	113468	24 4.0
					04.94- 06.97	111640	24 4.0
EM 11.222 6.9	[D0826LOH15]	02.96- 09.01	111842	28 140			
EM 13.222 6.9	[D0826LUH12]	06.97- 09.01	111842	28 140			

STARTERS & ALTERNATORS



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EM 192 6.9	(EM Series)[D0826LOH06]	10.93- 06.97	110895	28 55	10.93- 06.97	110206	24 5.4
		10.93- 06.97	111842	28 140	10.93- 06.97	111640	24 4.0
		10.93- 06.97	112159	28 80	10.93- 06.97	113468	24 4.0
		10.93- 06.97	113920	28 35	10.93- 06.97	113759	24 4.0
EM 222 6.9	(EM Series)[D0826LOH15]	02.96-	111842	28 140	02.96-	116135	24 4.0 A49
					02.96-	110206	24 5.4
					06.00- 09.00	112446	24 4.0
					02.96-	113759	24 4.0
					02.96-	113855	24 5.4
	[D0826LUH12]	02.96- 09.01	111842	28 140	02.96-	113759	24 4.0
				02.96-	113855	24 5.4	
EM 223 6.9	(EM Series)[D0826LOH15]	02.96- 09.01	111842	28 140	02.96-	113855	24 5.4
					02.96- 09.01	110206	24 5.4
					07.01- 09.01	111640	24 4.0
					06.00- 09.01	112446	24 4.0
					02.96-	113759	24 4.0
					08.87-	116135	24 4.0 A49
					02.96-	116135	24 4.0 A49
	[D0826LUH12]	02.96-	111842	28 140	02.96-	110206	24 5.4
				02.00-	112446	24 4.0	
				02.96- 01.00	113468	24 4.0	
				02.96-	113759	24 4.0	
				02.96-	113855	24 5.4	
FRH 422 12.0	(Lions Star)[D2866LOH20]	01.93- 09.96	111842	28 140	09.93- 09.96	111046	24 6.6
					01.93- 09.96	110206	24 5.4
					01.93- 09.96	110210	24 6.6
NG 262 10.0	(NG Series)[D2866LUH09]	06.97- 07.98	111842	28 140	06.97- 07.98	110210	24 6.6
					06.97- 07.98	110206	24 5.4
NG 262 12.0	(NG Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	113855	24 5.4
					07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
NG 262 6.9	(NG Series)[D0826LUH01]				08.92- 09.95	110206	24 5.4
					08.92- 09.95	113468	24 4.0
					08.92- 07.98	113759	24 4.0
NG 263 12.0	(NG Series)[D2866LUH22]	07.98- 12.01	111842	28 140	07.98-	112120	24 6.6
		07.98- 12.01	113289	28 90	07.98-	113855	24 5.4
					07.98- 09.01	110206	24 5.4
					07.98- 09.01	110210	24 6.6
					07.98-	111046	24 6.6
NG 272 6.9	(NG Series)[D0826LUH01]	08.92- 09.95	111842	28 140	08.92- 07.98	113759	24 4.0
					08.92- 09.95	110206	24 5.4
					08.92- 09.95	113468	24 4.0
					09.95- 07.98	110210	24 6.6
NG 312 10.0	(NG Series)[D2865LUH07]	09.95- 07.98	111842	28 140	09.95- 07.98	110206	24 5.4
					09.95- 07.98	110206	24 5.4
NG 312 12.0	(NG Series)[D2866LUH26]	07.98-	111842	28 140	07.98-	113855	24 5.4
					07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
					07.98-	112120	24 6.6
NG 313 12.0	(NG Series)[D2866LUH26]	07.98- 12.01	111842	28 140	07.98-	112120	24 6.6
		07.98- 12.01	113289	28 90	07.98-	113855	24 5.4
					07.98- 12.01	110206	24 5.4
					07.98- 12.01	110210	24 6.6
					07.98-	111046	24 6.6
NG 323 10.5	(NG Series)[D2066LUH42]		116459*	28 120 A49			
NG 363 10.5	(NG Series)[D2066LUH48]		114528*	28 120			
			115496	28 120			
			116459*	28 120 A49			
NL 202 6.9	(NL Series)[D0826LUH]	09.89- 04.94	111842	28 140	09.89- 04.94	113855	24 5.4
					09.89- 04.94	110206	24 5.4
					09.89- 04.94	111046	24 6.6
					04.94- 02.97	112446	24 4.0
					09.89- 03.97	113468	24 4.0
					04.91-	116135	24 4.0 A49
					08.92-	113855	24 5.4
	[D0826LUH03]	08.92-	111842	28 140	08.92-	110206	24 5.4
					08.92-	111046	24 6.6
					08.92-	113468	24 4.0
				08.92-	113855	24 5.4	
				11.95-	110206	24 5.4	
				08.92-	111046	24 6.6	
NL 222 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28 140	08.92-	113855	24 5.4
					08.92-	111046	24 6.6
	[D0826LUH12]	08.92- 09.01	111842	28 140	08.92-	113855	24 5.4
		07.98- 09.01	113289	28 90	11.95- 11.99	113468	24 4.0
					11.95- 11.99	110206	24 5.4
			08.92-	111046	24 6.6		
NL 223 6.9	(NL Series)[D0826LUH03]	08.92- 04.01	111842	28 140	08.92-	113855	24 5.4
					08.92-	111046	24 6.6
	[D0826LUH12]	08.92- 09.01	111842	28 140	08.92-	113855	24 5.4
		07.98- 09.01	113289	28 90	08.92-	116135	24 4.0 A49
					07.98- 09.01	110206	24 5.4
					08.92-	111046	24 6.6
					07.98- 09.01	112446	24 4.0
			07.98- 09.01	113468	24 4.0		
NL 262 10.0	(NL Series)[D2865LUH09]	06.97-	111842	28 140	06.97-	113855	24 5.4
					06.97-	110206	24 5.4
					06.97-	110210	24 6.6
					06.97-	111046	24 6.6
					06.97-	112120	24 6.6
					06.97-	112120	24 6.6



NL 262 12.0	(NL Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	113855	24 5.4				
					07.98-	110206	24 5.4				
					07.98-	110210	24 6.6				
					07.98-	111046	24 6.6				
					07.98-	112120	24 6.6				
NL 262 6.9	(NL Series)[D0826LUH]	02.96- 06.98	111842	28 140	07.98-	113468	24 4.0				
					04.91-	116135	24 4.0 A49				
					04.94-	111046	24 6.6				
					04.94- 02.97	112446	24 4.0				
					04.94- 03.97	113468	24 4.0				
NL 263 12.0	(NL Series)[D2866LUH22]	07.98- 09.01 11.99- 09.01	111842 113289	28 140 28 90	07.98-	112120	24 6.6				
					07.98-	113855	24 5.4				
					07.98- 09.01	110206	24 5.4				
					07.98- 09.01	110210	24 6.6				
					07.98-	111046	24 6.6				
NL 263 6.9	(NL Series)[D0826LUH]	04.91- 03.97	111842	28 140	04.94- 03.97	113468	24 4.0				
					04.94-	111046	24 6.6				
NL 273 10.5	(NL Series)[D2066LUH21]		114528*	28 120							
			115496	28 120							
NL 283 10.5	(NL Series)[D2066LUH41]		116459*	28 120 A49							
NL 312 10.0	(NL Series)[D2865LUH07]	11.95- 07.98	111842	28 140	11.95- 07.98	110210	24 6.6				
					11.95- 07.98	110206	24 5.4				
NL 313 12.0	(NL Series)[D2866LUH26]	07.98- 07.98-	111842 113289	28 140 28 90	07.98-	112120	24 6.6				
					07.98-	113855	24 5.4				
					07.98-	110206	24 5.4				
					07.98-	110210	24 6.6				
					07.98-	111046	24 6.6				
NL 323 10.5	(NL Series)[D2066LUH42]		116459*	28 120 A49							
NM 152 4.4	(NM Series)[D0824LOH01]	04.92- 05.96 04.92- 05.96	111842 112159	28 140 28 80	04.92- 03.97	113759	24 4.0				
					04.92- 03.97	116135	24 4.0 A49				
					04.92- 05.96	112446	24 4.0				
NM 152 6.9	(NM Series)[D0826OH02]	05.90- 10.93 05.90- 10.93	111842 112159	28 140 28 80	05.90- 10.93	113468	24 4.0				
					05.90- 10.93	113759	24 4.0				
					05.90- 10.93	110206	24 5.4				
					05.90- 10.93	111640	24 4.0				
					05.90- 03.97	110206	24 5.4				
NM 182 6.9	(NM Series)[D0826LOH01]	05.90- 03.97 10.93- 03.97 10.93- 03.97 10.93- 03.97	111842 110895 112159 113920	28 140 28 55 28 80 28 35	05.90- 03.97	110206	24 5.4				
					[D0826TOH]	05.90- 03.97	111842	28 140	05.90- 03.97	113468	24 4.0
						05.90- 03.97	110206	24 5.4			
						05.90- 03.97	113759	24 4.0			
						05.90- 03.97	110206	24 5.4			
						05.90- 03.97	113468	24 4.0			
						05.90- 03.97	110206	24 5.4			
NM 192 6.9	(NM Series)[D0826LOH01]	05.90- 03.97	111842	28 140	05.90- 03.97	113759	24 4.0				
					05.90- 03.97	110206	24 5.4				
					05.90- 03.97	113468	24 4.0				
					[D0826TOH]	05.90- 03.97	111842	28 140	05.90- 03.97	113759	24 4.0
						05.90- 03.97	110206	24 5.4			
NM 222 6.9	(NM Series)[D0826LOH15]	02.96- 09.01	111842	28 140	02.96-	116135	24 4.0 A49				
					02.96- 07.98	110206	24 5.4				
					02.96-	111046	24 6.6				
					02.96- 07.98	111640	24 4.0				
					02.00-	112446	24 4.0				
					02.96- 01.00	113468	24 4.0				
					02.96-	113759	24 4.0				
					02.96-	113855	24 5.4				
					08.87-	113759	24 4.0				
					08.87-	110206	24 5.4				
					08.87-	111640	24 4.0				
NM 223 6.9	(NM Series)[D0826LOH15]	07.98- 09.01	111842	28 140	08.87-	113759	24 4.0				
					08.87-	110206	24 5.4				
					08.87-	111640	24 4.0				
					08.87-	113468	24 4.0				
					[D0826LUH12]	02.96- 09.01	111842	28 140	02.96-	113855	24 5.4
						02.96- 09.01	110206	24 5.4			
						02.96-	111046	24 6.6			
						07.98- 09.99	111640	24 4.0			
						02.00- 09.01	112446	24 4.0			
						02.96- 01.00	113468	24 4.0			
						02.96-	113759	24 4.0			
NM 253 6.9	(NM Series)[D0836LOH61]		114528* 115496 116459*	28 120 28 120 28 120							
						114001	24 4.0				
NM 293 6.9	(NM Series)[D0836LOH60]		114528* 115496 116459*	28 120 28 120 28 120							
						114001	24 4.0				
NU 263 10.0	(NU Series)[D2865LUH09]	09.96- 07.98 09.96- 07.98	111842 113289	28 140 28 90	09.96- 07.98	112120	24 6.6				
					09.96- 07.98	113468	24 4.0				
					09.96- 07.98	110206	24 5.4				
					09.96- 07.98	110210	24 6.6				
					09.96- 07.98	111046	24 6.6				
NU 263 12.0	(NU Series)[D2866LUH22]	07.98-	111842	28 140	07.98-	113855	24 5.4				
					07.98-	110206	24 5.4				
					07.98-	110210	24 6.6				
					07.98-	111046	24 6.6				
					07.98-	112120	24 6.6				
					07.98-	113468	24 4.0				
					07.98-	113468	24 4.0				
NU 263 6.9	(NU Series)[D0826LUH13]	07.98- 07.98-	111842 113289	28 140 28 90	07.98-	113468	24 4.0				
					07.98-	113855	24 5.4				
					07.98-	110206	24 5.4				
					07.98-	110206	24 5.4				
					07.98-	111046	24 6.6				
NU 313 12.0	(NU Series)[D2866LUH26]	07.98- 07.98-	111842 113289	28 140 28 90	07.98-	112120	24 6.6				
					07.98-	113855	24 5.4				
					07.98-	110206	24 5.4				
					07.98-	110210	24 6.6				
					07.98-	111046	24 6.6				

STARTERS & ALTERNATORS



Application list

MAN Continued

NÜ 313 15 12.0	(NÜ Series)[D2866LUH26]	07.98-	111842	28 140	07.98-	112120	24 6.6
		07.98-	113289	28 90	07.98-	113855	24 5.4
					07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
NÜ 353 15 12.0	(NÜ Series)[D2866LUH21]	07.98-	111842	28 140	07.98-	112120	24 6.6
		07.98-	113289	28 90	07.98-	113855	24 5.4
					07.98-	110206	24 5.4
					07.98-	110210	24 6.6
					07.98-	111046	24 6.6
R 292 12.0	(R Series)[D2866TOH]	05.85- 01.93	110895	28 55	05.85- 01.93	113855	24 5.4
					05.85- 01.93	110210	24 6.6
				05.85- 01.93	111046	24 6.6	
				05.85- 01.93	112120	24 6.6	
	[D2866TUH]	05.85- 01.93	110895	28 55	05.85- 01.93	112120	24 6.6
		05.85- 01.93	111842	28 140	05.85- 01.93	113855	24 5.4
					05.85- 01.93	110210	24 6.6
					05.85- 01.93	111046	24 6.6
					05.85- 01.93	112120	24 6.6
R 362 12.0	(R Series)[D2866KUH]	05.85- 12.92	111842	28 140	05.85- 12.92	113855	24 5.4
					05.85- 12.92	110210	24 6.6
					05.85- 12.92	111046	24 6.6
RH 352 12.0	(Lions Coach)[D2866LOH26]	09.95-	111842	28 140	09.95-	113855	24 5.4
					09.95-	110206	24 5.4
					09.95-	110210	24 6.6
				09.95-	111046	24 6.6	
	(Lions Star)[D2866LOH26]	09.95- 11.99	111842	28 140	09.95- 11.99	110206	24 5.4
				09.95- 11.99	110210	24 6.6	
				09.95-	111046	24 6.6	
				09.95-	113855	24 5.4	
RH 402 12.0	(Lions Coach)[D2866LOH23]	09.95-	111842	28 140	09.95-	113855	24 5.4
					09.95-	110206	24 5.4
					09.95-	110210	24 6.6
				09.95-	111046	24 6.6	
	(Lions Star)[D2866LOH23]	09.95-	111842	28 140	09.95-	112120	24 6.6
				09.95-	113855	24 5.4	
				09.95-	110206	24 5.4	
				09.95-	110210	24 6.6	
				09.95-	111046	24 6.6	
RH 403 12.0	(Lions Coach)[D2866LOH23]	09.95- 09.01	111842	28 140	09.95-	113855	24 5.4
					09.95- 09.01	110206	24 5.4
					09.95- 09.01	110210	24 6.6
				09.95-	111046	24 6.6	
	(Lions Star)[D2866LOH23]	09.95- 09.01	111842	28 140	09.95-	110206	24 5.4
				09.95- 09.01	110206	24 5.4	
				09.95- 09.01	110210	24 6.6	
				09.95-	111046	24 6.6	
RH 414 12.0	(Lions Star)[D2866LOH34]	03.00-	111842	28 140	10.01-	110206	24 5.4
		03.00-	113289	28 90	10.01-	110210	24 6.6
RH 463 12.8	(Lions Coach)[D2876LOH01]	06.99- 09.01	111842	28 140	06.99- 09.01	110210	24 6.6
					06.99- 09.01	110206	24 5.4
RH 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28 140	10.01-	110210	24 6.6
		10.01-	113289	28 90	03.00-	111046	24 6.6
					10.01-	110206	24 5.4
RHC 414 12.0	(Lions Coach)[D2866LOH34]	09.02-	111842	28 140	09.02-	110210	24 6.6
		09.02-	113289	28 90	06.02-	111046	24 6.6
					09.02-	110206	24 5.4
RHC 464 12.8	(Lions Coach)[D2876LOH02]				01.00-	110206	24 5.4
		[D2876LOH03]	01.00-	113289	28 90	06.99- 09.01	110206
RHS 414 12.0	(Lions Star)[D2866LOH34]	03.00-	111842	28 140	10.01-	110210	24 6.6
		10.01-	113289	28 90	10.01-	110206	24 5.4
RHS 464 12.8	(Lions Star)[D2876LOH03]	10.01-	111842	28 140	10.01-	110206	24 5.4
		10.01-	113289	28 90	10.01-	110210	24 6.6
		01.02-	113998	28 110	03.00-	111046	24 6.6
		01.02- 09.06	115492	28 110 A49	03.00-	111046	24 6.6
RN 313 12.0	(Lions Comfort)[D2866LUH20]	09.96- 12.01	111842	28 140	09.96-	113855	24 5.4
					09.96-	110206	24 5.4
					09.96-	110210	24 6.6
					09.96-	111046	24 6.6
					09.96-	112120	24 6.6
	[D2866LUH26]	04.98- 12.01	111842	28 140	09.96-	113855	24 5.4
					09.96- 12.01	110206	24 5.4
					09.96- 12.01	110210	24 6.6
					09.96-	111046	24 6.6
					09.96-	112120	24 6.6
RN 353 12.0	(Lions Coach)[D2866LOH26]	09.95- 09.01	111842	28 140	09.95-	113855	24 5.4
					09.95- 09.01	110206	24 5.4
					09.95- 09.01	110210	24 6.6
				09.95-	111046	24 6.6	
	(Lions Comfort)[D2866LUH21]	06.97- 03.98	111842	28 140	06.97-	113855	24 5.4
				06.97-	110206	24 5.4	
				06.97-	110210	24 6.6	
				06.97-	111046	24 6.6	
				06.97-	112120	24 6.6	
SD 200 11.0	(SD Series)[D2556MXUH/175]				04.74- 09.75	110210	24 6.6
					04.74- 09.75	111046	24 6.6
				04.74- 09.75	112120	24 6.6	
	[D2556MXUH/192]				04.74- 09.75	110210	24 6.6
				04.74- 09.75	112120	24 6.6	
SD 200 11.4	(SD Series)[D2566MUH/175]	07.80- 11.86	111629	28 120	10.75- 04.80	113855	24 5.4
					10.75- 04.80	110210	24 6.6
					10.75- 04.80	111046	24 6.6
				10.75- 04.80	112120	24 6.6	
				10.75- 11.86	113855	24 5.4	
	[D2566MUH/192]	07.80- 11.86	111629	28 120	10.75- 11.86	110210	24 6.6
				10.75- 11.86	111046	24 6.6	
				10.75- 11.86	112120	24 6.6	



	[D2566MUH/200]	07.80- 11.86 01.84- 11.86	111629 111842	28 120 28 140	10.75- 11.86 10.75- 11.86 05.80- 11.86 10.75- 11.86	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
	[D2566MUH/220]	07.80- 11.86	111629	28 120	06.79- 12.86 06.79- 12.86 06.79- 12.86	112120 110210 113855	24 6.6 24 6.6 24 5.4
	[D2566UH]	07.80- 11.86 10.85- 04.91	111629 111842	28 120 28 140	10.85- 04.94 10.85- 04.94 10.85- 04.94 10.85- 04.94	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SG 220 11.4	(SG Series)[D2566MUH]	07.80- 01.85 01.84- 01.86	111629 111842	28 120 28 140	05.80- 01.86 05.80- 01.86 05.80- 01.86 05.80- 01.86	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
	[D2566MUM]	07.80- 01.85 01.84- 01.85	111629 111842	28 120 28 140	07.76- 01.85 07.76- 01.85 07.76- 01.85 07.76- 01.85	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SG 240 11.4	(SG Series)[D2566MTUH]	07.80- 01.86	111629	28 120	09.81- 01.86 09.81- 01.86	111046 110210	24 6.6 24 6.6
	[D2566MUH]	07.80- 01.86	111629	28 120	05.80- 01.86 05.80- 01.86 05.80- 01.86	113855 110210 111046	24 5.4 24 6.6 24 6.6
SG 240 12.0	(SG Series)[D2866TUH]	07.80- 01.86 11.84- 09.89 11.84- 09.89	111629 110895 111842	28 120 28 55 28 140	11.84- 09.89 11.84- 09.89 11.84- 09.89 11.84- 09.89	112120 11046 113855 110210	24 6.6 24 6.6 24 5.4 24 6.6
	[D2866UH]	07.80- 01.86 09.85- 04.94	111629 111842	28 120 28 140	09.85- 04.94 09.85- 04.94 09.85- 04.94 09.85- 04.94	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SG 242 11.4	(SG Series)[D2566MUH]	07.80- 01.86	111629	28 120	05.80- 01.86 05.80- 01.86 05.80- 01.86	113855 110210 111046	24 5.4 24 6.6 24 6.6
SG 242 12.0	(SG Series)[D2866TOH]	07.80- 01.86 09.85- 04.94 09.85- 04.94	111629 110895 111842	28 120 28 55 28 140	09.85- 04.94 09.85- 04.94 09.85- 04.94 09.85- 04.94	112120 11046 113855 110206	24 6.6 24 6.6 24 5.4 24 5.4
	[D2866TUH]	07.80- 01.86 09.85- 04.94	111629 111842	28 120 28 140	09.85- 04.94 09.85- 04.94 09.85- 04.94 09.85- 04.94	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
	[D2866UH]	07.80- 01.86 04.88- 04.94	111629 111842	28 120 28 140	09.85- 04.94 08.85- 04.94 09.85- 04.94 09.85- 04.94	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SG 292 12.0	(SG Series)[D2866TOH]	09.85- 04.94	110895	28 55	09.85- 04.94 04.92- 04.93 09.85- 04.94 09.85- 04.94	113855 110206 111046 112120	24 5.4 24 5.4 24 6.6 24 6.6
	[D2866TUH]	11.84- 04.94 04.88- 04.94	110895 111842	28 55 28 140	11.84- 04.94 11.84- 04.94 11.84- 04.94 09.85- 04.94	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SG 312 10.0	(SG Series)[D2865LUH07]	04.94- 06.97	111842	28 140	02.96- 06.97 02.96- 06.97	110210 110206	24 6.6 24 5.4
	[D2865LUH08]	04.94- 06.97	111842	28 140	02.94- 06.97 02.94- 06.97	110210 110206	24 6.6 24 5.4
SG 322 10.0	(SG Series)[D2865LUH07]	04.94- 06.97	111842	28 140	02.94- 06.97 02.94- 06.97	110210 110206	24 6.6 24 5.4
	[D2865LUH08]	04.94- 06.97	111842	28 140	04.94- 06.97 04.94- 06.97	110210 110206	24 6.6 24 5.4
SL 200 11.4	(SL Series)[D2566MUH]	07.80- 04.87 01.84- 01.86	111629 111842	28 120 28 140	05.80- 04.87 05.80- 04.87 05.80- 04.87 05.80- 04.87	113855 112120 110210 111046	24 5.4 24 6.6 24 6.6 24 6.6
	[D2566UH]	07.80- 04.87 01.84- 04.87	111629 111842	28 120 28 140	05.80- 04.87 05.80- 04.87 05.80- 04.87 05.80- 04.87	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SL 200 12.0	(SL Series)[D2866UH]	07.80- 04.87 01.86- 04.87	111629 111842	28 120 28 140	01.86- 04.87 01.86- 04.87 01.86- 04.87 01.86- 04.87	112120 113855 110210 111046	24 6.6 24 5.4 24 6.6 24 6.6
SL II 202 11.4	(SL Series)[D2566UH]	06.84- 04.93	111842	28 140	06.84- 04.93 06.84- 04.93 06.84- 04.93 06.84- 04.93	113855 110210 111046 112120	24 5.4 24 6.6 24 6.6 24 6.6
SL II 202 12.0	(SL Series)[D2866UH]	06.84- 04.94	111842	28 140	06.84- 04.94 06.84- 04.94 06.84- 04.94 06.84- 04.94	113855 110210 111046 112120	24 5.4 24 6.6 24 6.6 24 6.6
SM 152 6.9	(SM Series)[D0826OH02]	11.87- 04.94	111842	28 140	11.87- 04.94 11.87- 04.94 11.87- 04.94	113759 111640 113468	24 4.0 24 4.0 24 4.0
SM 182 6.9	(SM Series)[D0826LOH01]	11.87- 02.95	111842	28 140	11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95	113855 111046 111640 113468 113759	24 5.4 24 6.6 24 4.0 24 4.0 24 4.0
	[D0826TOH]				11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95 11.87- 02.95	111046 111640 113468 113759 113855	24 6.6 24 4.0 24 4.0 24 4.0 24 5.4

STARTERS & ALTERNATORS



Application list

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SM 192 6.9	(SM Series)[D0826LOH01]	11.87- 02.95	110895	28 55	11.87- 02.95	111640	24 4.0	
		11.87- 02.95	111842	28 140	11.87- 02.95	113468	24 4.0	
		11.87- 02.95	112159	28 80	11.87- 02.95	113759	24 4.0	
		11.87- 02.95	113920	28 35	11.87- 02.95	113855	24 5.4	
					11.87- 02.95	110206	24 5.4	
					11.87- 02.95	111046	24 6.6	
		[D0826TOH]	11.87- 02.95	113920	28 35	11.87- 02.95	113855	24 5.4
					11.87- 02.95	110206	24 5.4	
					11.87- 02.95	111046	24 6.6	
					11.87- 02.95	111640	24 4.0	
				11.87- 02.95	113468	24 4.0		
				11.87- 02.95	113759	24 4.0		
SR 240 11.4	(SR Series)[D2566MUH/240]	05.80- 11.86	111629	28 120	10.75- 06.83	113855	24 5.4	
					10.75- 06.83	110210	24 6.6	
					10.75- 06.83	111046	24 6.6	
					10.75- 06.83	112120	24 6.6	
SR 280 11.4	(SR Series)[D2566MTUH]	05.80- 11.86	111629	28 120	01.77- 11.86	112120	24 6.6	
		01.84- 11.86	111842	28 140	01.77- 11.86	113855	24 5.4	
					01.77- 11.86	110210	24 6.6	
					01.77- 11.86	111046	24 6.6	
SR 321 11.4	(SR Series)[D2566MKUH]	01.84- 11.86	111842	28 140	03.82- 11.86	113855	24 5.4	
					03.82- 11.86	110210	24 6.6	
					03.82- 11.86	111046	24 6.6	
SU 240 11.4	(SU Series)[D2566MTUH]	06.80- 09.89	111629	28 120	11.82- 01.86	111046	24 6.6	
					11.82- 01.86	110210	24 6.6	
	[D2566MUH]	06.80- 09.89	111629	28 120	10.75- 01.86	110210	24 6.6	
					10.75- 01.86	111046	24 6.6	
					01.86- 09.89	110210	24 6.6	
SU 240 12.0	(SU Series)[D2866TOH]	01.86- 09.89	110895	28 55	01.86- 09.89	110210	24 6.6	
		04.88- 09.89	111842	28 140	01.86- 09.89	111046	24 6.6	
					01.86- 09.89	111046	24 6.6	
	[D2866UH]	06.80- 09.89	111629	28 120	01.86- 09.89	110210	24 6.6	
					01.86- 09.89	110210	24 6.6	
SU 242 12.0	(SU Series)[D2866UH]	04.88- 04.93	111842	28 140	01.87- 04.93	110210	24 6.6	
					01.87- 04.93	111046	24 6.6	
SU 263 12.0	(SU Series)[D2866LUH25]	09.03-	111842	28 140	09.03-	110206	24 5.4	
		09.03-	113998	28 110	09.03-	110210	24 6.6	
		09.03-	115492	28 110 A49				
SU 272 10.0	(SU Series)[D2865LUH02]	04.93- 05.95	111842	28 140	04.93- 05.95	110210	24 6.6	
					04.93- 05.95	110206	24 5.4	
SU 283 6.9	(SU Series)[D0836LOH02]	06.04-	111842	28 140				
		06.04-	113289	28 90	06.04-	110206	24 5.4	
		06.04-	113295	28 55	06.04- 09.06	113759	24 4.0	
SU 292 12.0	(SU Series)[D2866TOH]	04.92- 07.92	110895	28 55	04.92- 04.93	110206	24 5.4	
SU 313 12.0	(SU Series)[D2866LUH24]	09.03-	113998	28 110	06.04-	110206	24 5.4	
		06.04- 09.06	115492	28 110 A49	06.04-	110210	24 6.6	
SU 322 10.0	(SU Series)[D2865LUH08]	05.95- 06.97	111842	28 140	05.95- 06.97	110210	24 6.6	
					05.95- 06.97	110206	24 5.4	
SU 360 10.5	(SU Series)[D2066LUH33]		114528*	28 120				
			115496	28 120				
			116459*	28 120				
Various Models						116135	24 4.0 A49	
						113468	24 4.0	
						112446	24 4.0	
						110210	24 6.6	
						110206	24 5.4	
UL 272 10.0	(UL Series)[D2865LUH02]	03.93- 07.94	111842	28 140	03.93- 07.94	110210	24 6.6	
					03.93- 07.94	110206	24 5.4	
	[D2865LUH05]	03.93- 09.95	111842	28 140	07.94- 09.95	110206	24 5.4	
UL 292 12.0	(UL Series)[D2866TUH01]	09.89- 03.93	110895	28 55				
		11.92- 03.93	111842	28 140	09.89- 03.93	110210	24 6.6	
UL 312 10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	09.95- 09.96	110210	24 6.6	
					09.95- 09.96	110206	24 5.4	
	[D2865LUH08]	04.92- 09.96	111842	28 140	04.92- 09.96	110210	24 6.6	
					04.92- 09.96	110206	24 5.4	
UL 313 12.0	(UL Series)[D2866LUH20]	09.96- 09.01	111842	28 140	09.96-	113855	24 5.4	
					09.96- 09.01	110206	24 5.4	
					09.96- 09.01	110210	24 6.6	
	[D2866LUH26]	09.96- 09.01	111842	28 140	09.96-	113855	24 5.4	
					09.96- 09.01	110206	24 5.4	
					09.96- 09.01	110210	24 6.6	
UL 322 10.0	(UL Series)[D2865LUH07]	04.92- 09.96	111842	28 140	04.92- 09.96	110210	24 6.6	
					04.92- 09.96	110206	24 5.4	
	[D2865LUH08]	04.92- 09.96	111842	28 140	04.92- 09.96	110210	24 6.6	
					04.92- 09.96	110206	24 5.4	
UL 342 12.0	(UL Series)[D2866UH/240]	11.92- 03.93	111842	28 140	09.89- 03.93	110210	24 6.6	
UL 353 12.0	(UL Series)[D2866LUH21]	06.97- 12.01	111842	28 140	06.97-	113855	24 5.4	
					06.97- 12.01	110206	24 5.4	
					06.97- 12.01	110210	24 6.6	
Mariner								
MARINE								
Various Models						110648	12 0.7	
						115740	12	
					01.99- 01.01	112830	12	
					01.98- 01.00	113591	12	
					01.98- 01.01	113592	12	
Marshall								
AGRICULTURE								
D 100 5.2 Diesel	[WD611.88]	01.90- 09.94	113469	14 33				
D 135 6.6 Diesel	[WD612.87]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 150 6.6 Diesel	[WD612.86]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 642 3.5 Diesel	[WD411.44]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				
D 644 3.5 Diesel	[WD411.44]	01.90-	110881	14 55				
		01.90- 09.94	113469	14 33				



D 742 3.5 Diesel	[WD411.90]	01.90-	110881	14 55			
		01.90- 09.94	113469	14 33			
D 744 3.5 Diesel	[WD411.90]	01.90-	110881	14 55			
		01.90- 09.94	113469	14 33			
D 842 3.5 Diesel	[WD411.88]	01.90-	110881	14 55			
		01.90- 09.94	113469	14 33			
D 844 3.5 Diesel	[WD411.88]	01.90-	110881	14 55			
		01.90- 09.94	113469	14 33			
D 944 5.2 Diesel	[WD611.43]	01.90- 09.94	113469	14 33			
Various Models		10.94-	110881	14 55			
		01.90-	113469	14 33			
Massey Ferguson							
AGRICULTURE							
102					01.73-	115392	12 4.0
105					01.73-	115392	12 4.0
152		01.81- 01.89	111948	14 70			
184		01.85- 01.89	110770	14 55	01.85- 01.89	111346	12 2.8
194		01.82-	111948	14 70			
240 2.5		01.79- 12.88	111948	14 70			
		01.77-	110970	14 65	01.79- 12.88	110439	12 2.0
					01.79- 12.88	110819	12 2.8
245 2.5		01.79- 12.88	111948	14 70			
		01.77-	110970	14 65	01.77- 12.88	110439	12 2.0
					01.72- 12.78	112268	12 2.8
					01.77- 12.88	110819	12 2.8
254 2.5		01.79- 12.88	111948	14 70			
	Perkins AD3.152	01.77-	110970	14 65	01.82- 01.87	110460	12 2.8
		01.84-	110770	14 55			
		01.73- 12.88	110178	14 36			
255 2.5		01.77- 12.88	111948	14 70			
		01.77-	110970	14 65	01.77- 12.88	110439	12 2.0
					01.72- 12.78	112268	12 2.8
					01.77- 12.88	110819	12 2.8
260 3.3		01.77-	110970	14 65			
		01.72- 01.75	111948	14 70			
265		01.81- 12.88	111948	14 70			
		01.70-	110970	14 65			
274 3.9		01.83- 12.88	111948	14 70	01.83- 12.88	110565	12 2.8
		01.77-	110970	14 65	01.82- 01.86	110460	12 2.8
		01.84-	110770	14 55			
275		01.75- 12.88	111948	14 70			
		01.77-	110970	14 65			
284 3.9		01.79- 12.88	111948	14 70			
		01.75-	110970	14 65			
285		01.79- 12.88	111948	14 70	A13 01.79- 12.88	111346	12 2.8
		01.77-	110970	14 65	01.79- 12.88	110442	12 2.1
290		01.80-	111948	14 70			
294		01.84-	110770	14 55			
298		01.80- 01.86	111948	14 70	01.80-	111346	12 2.8
					01.80-	110442	12 2.1
350		01.86- 01.92	110770	14 55			
		01.86- 01.92	111355	14 65	01.86- 01.92	110439	12 2.0
					01.86-	110819	12 2.8
354		01.92- 01.97	111289	14 70			
355		01.86- 01.92	110770	14 55	01.86-	110819	12 2.8
		01.86- 01.92	111355	14 65			
					01.86- 01.92	110439	12 2.0
360		01.87- 01.90	110770	14 55			
		01.87- 01.90	111355	14 65	01.83-	110819	12 2.8
362		01.88-	111355	14 65			
364		01.92- 01.97	111289	14 70			
365		01.86- 01.90	110770	14 55	A13 01.86- 01.90	111346	12 2.8
		01.86- 01.90	111355	14 65	01.86- 01.90	110442	12 2.1
375		01.86- 01.97	110770	14 55	A13 01.86- 01.97	111346	12 2.8
		01.86- 01.97	111355	14 65	01.86- 01.97	110442	12 2.1
383		01.86-	110770	14 55	01.83-	111346	12 2.8
					01.83-	110442	12 2.1
390		01.86- 01.97	110770	14 55	A13 01.86- 01.97	111346	12 2.8
		01.86- 01.97	111355	14 65	01.86- 01.97	110442	12 2.1
398		01.83- 01.84	111355	14 65	A13 01.83- 01.84	111346	12 2.8
		01.83- 01.84	110770	14 55	01.83- 01.84	110442	12 2.1
399		01.86- 01.90	110770	14 55	A13 01.86- 01.90	111346	12 2.8
		01.86- 01.90	111355	14 65	01.86- 01.90	110442	12 2.1
					01.90- 01.96	111737	12 2.8
550			110107	14 55			
					01.74- 01.81	110819	12 2.8
					01.74- 01.81	110439	12 2.0
565		01.82- 12.88	110107	14 55			
		01.82- 12.88	111948	14 70			
575		01.81- 12.88	110107	14 55			
		01.81- 12.88	111948	14 70			
685					01.69- 01.71	110443	12 2.1
698		01.83-	110770	14 55	A13 01.83-	111346	12 2.8
		01.81-	110107	14 55	01.83-	110442	12 2.1
699		01.83-	113474	14 65	01.83-	111346	12 2.8
		01.83-	110770	14 55	01.83-	110442	12 2.1
1014			111185	14 43			
							A47
1114		01.83-	110770	14 55			
1134		01.84-	110770	14 55			
1200	[Kohler]		111185	14 43			
					01.71- 01.79	111737	12 2.8
					01.71- 01.82	110814	12 2.7
1250		01.79-	113474	14 65	01.79-	111346	12 2.8
2640		01.81- 01.85	110107	14 55	01.79- 01.85	112136	12 2.8
		01.81- 01.85	111948	14 70			
		04.82-	110970	14 65			
3055	[Perkins]				01.94- 01.97	110615	12 2.8

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Application list

MASSEY FERGUSON *Continued*

3075	[Perkins]					01.94- 01.97	110615	12	2.8	
3085		01.88- 01.93	112722	14	70	01.88-	110443	12	2.1	
						01.92- 01.93	111737	12	2.8	
3085		01.92-	111355	14	65					
3095		01.90-	111355	14	65					
3115		01.90-	111355	14	65					
3120	[Perkins]					01.90- 01.97	110615	12	2.8	
3125		01.90-	111355	14	65					
3140	[Perkins]					01.90- 01.95	110615	12	2.8	
3635 3.3		01.92- 01.95	114808	14	120	01.92- 01.95	110443	12	2.1	
3645		01.89- 01.91	112722	14	70	01.89- 01.91	110615	12	2.8	
		01.86- 01.91	111355	14	65					
3650		01.86- 01.90	110107	14	55	01.86- 01.90	112136	12	2.8	
		01.86- 01.90	111948	14	70					
3655 3.3		01.90- 01.95	114808	14	120	01.90- 01.95	110615	12	2.8	
		01.90- 01.95	112722	14	70	01.90- 01.94	111737	12	2.8	
3660	[Perkins]					01.90- 01.95	110615	12	2.8	
3670	[Valment]					01.92- 01.94	110615	12	2.8	
3680 7.4	[612DS]	06.88-	111355	14	65	06.88-	110615	12	2.8	
		06.88-	111948	14	70	06.89- 01.91	111737	12	2.8	
3690	[Valment]					01.93- 01.97	110615	12	2.8	
3890	[Valment]					01.87- 01.92	110615	12	2.8	
4225		01.97-	110770	14	55					
4235		01.97-	110770	14	55					
4240		01.97-	110770	14	55					
4245		01.97-	116114	14	80					
		01.97-	111355	14	65					
		01.97-	110770	14	55					
4250		01.97-	116114	14	80					
4255		01.97- 01.00	111355	14	65	01.97- 01.00	111346	12	2.8	
4260		01.97-	110770	14	55					
4265		01.97-	110770	14	55					
4270		01.97-	110770	14	55	01.97-	110565	12	2.8	
5425			115777	14	80					
5435			115777	14	80					
5445 4.4	[1104D-E44TA]	01.08-	115777	14	80					
5450 4.4		01.11-	115777	14	80					
5460 4.4		01.11-	115777	14	80					
5610 3.3		01.11-	114808	14	120					
5613 4.4			114808	14	120					
6110		01.92-	113961	14	120					
6120		01.92-	113961	14	120					
6130		01.92-	113961	14	120					
6140		01.92-	113961	14	120					
6150		01.92-	113961	14	120					
6160		01.96-	113961	14	120					
		01.96-	112722	14	70	LU				
6170	[6.365]	01.96-	112722	14	70	LU	01.96-	110615	12	2.8
		01.96-	113961	14	120					
6180	[6.365]	01.96-	112722	14	70	LU	01.96-	110615	12	2.8
		01.96-	113961	14	120					
6190		01.96-	113961	14	120	01.95- 01.98	110615	12	2.8	
		01.96-	112722	14	70	LU				
6235			114049	14	120	IS		110439	12	2.0
			113961	14	120	VA				
6245			113961	14	120	VA		110439	12	2.0
			114049	14	120	IS				
6255			113961	14	120	VA		110439	12	2.0
			114049	14	120	IS				
6260			113961	14	120					
6270			113961	14	120	VA	01.99- 01.00	110615	12	2.8
			114049	14	120	IS				
6280		01.99-	113961	14	120	VA	01.99- 01.00	110615	12	2.8
		01.99-	112722	14	70					
		01.99-	114049	14	120	IS				
6290		01.99-	113961	14	120		01.99- 01.00	110615	12	2.8
		01.99-	112722	14	70					
8110		01.96-	113961	14	120					
8120	[6.365]	01.96-	113961	14	120		01.96-	110615	12	2.8
8130		01.96-	113961	14	120					
8140	[6.403]	01.96-	113961	14	120		01.96-	110615	12	2.8
8150	[6.403]	01.96-	113961	14	120		01.96-	110615	12	2.8
8160	[6.451]	01.96-	113961	14	120		01.96-	110615	12	2.8
8170			113961	14	120					
8180			113961	14	120					
8210			113961	14	120		01.99- 01.00	110615	12	2.8
8220			113961	14	120		01.99- 01.00	110615	12	2.8
8240		01.99-	113961	14	120		01.99-	110615	12	2.8
			113961	14	120			110615	12	2.8
							01.99-	111737	12	2.8
8250		01.99-	113961	14	120		01.99-	110615	12	2.8
8250		01.99-	113961	14	120		01.99-	110615	12	2.8
							01.99-	111737	12	2.8
8260		01.99-	113961	14	120		01.99-	110615	12	2.8
8260			113961	14	120			110615	12	2.8
							01.99-	111737	12	2.8
8270		01.99-	113961	14	120		01.99-	111737	12	2.8
							01.99-	110615	12	2.8
8280		01.99-	113961	14	120		01.99-	110615	12	2.8
							01.99-	111737	12	2.8
8560			113961	14	120					
8570			113961	14	120					
8590			113961	14	120					
8660 8.4		11.08-	114808	14	120					
8680 8.4		11.08-	114808	14	120					
8690 8.4		11.08-	114808	14	120					
8727 8.4		11.13-	114785	14	175					



8730 8.4		11.13-	114785	14	175				
8732 8.4		11.13-	114785	14	175				
8735 8.4		11.13-	114785	14	175				
390 T		01.91- 01.97	110770	14	55	A13	01.91- 01.97	111346	12 2.8
		01.91- 01.97	111355	14	65		01.91- 01.97	110442	12 2.1
5608 5609 3.3		01.11-	114808	14	120				
5611 5612 4.4		01.11-	114808	14	120				
7624 7626 7.4			114808	14	120				
GC2400 Compact Tractor	[ISEKI 3112]						01.07-	114860	12 1.1
GC2410 Compact Tractor	[ISEKI 3112]						01.07-	114860	12 1.1
GC2600 Compact Tractor	[ISEKI 3112]						01.07-	114860	12 1.1
GC2610 Compact Tractor	[ISEKI 3112]						01.07-	114860	12 1.1
MF 3625 3.3			116111	14	80				
MF 6485 6.6	[66.CTA]		114671	14	120				
			114785	14	175				
MF 6490 6.6	[66.CTA]		114671	14	120				
			114785	14	175				
MF 6497 6.6	[66.CTA]		114671	14	120				
			114785	14	175				
MF 6499 7.4	[74.CTA]		114671	14	120				
			114785	14	175				
MF 7485 6.6	[66.CTA]		114671	14	120				
MF 7490 6.6	[66.CTA]		114671	14	120				
MF 7495 6.6	[66.CTA]		114671	14	120				
MF 8450 7.4			114671	14	120				
MF 8460 7.4			114671	14	120				
MF 8470 8.4			114671	14	120				
MF 8480 8.4			114671	14	120				
MF480STX			114698	14	175				
Various Models		01.76- 12.83	112989	14	60		01.73- 01.81	112313	12 0.5
			113961	14	120		01.71- 01.79	111737	12 2.8
			110970	14	65		01.91- 01.94	111012	12 0.5
		01.79- 01.83	110178	14	36		01.73- 01.78	111346	12 2.8
		01.83- 01.89	110770	14	55		01.70-	110565	12 2.8
		01.73-	111184	14	43		01.69- 01.81	110439	12 2.0
		01.73-	110107	14	55		01.69-	110819	12 2.8
		01.77-	111948	14	70		01.69- 01.77	110615	12 2.8
		01.51-	114360	14	70		01.82- 01.92	110460	12 2.8
							01.90-	114107	12 3.2
							01.79-	112136	12 2.8
							01.68- 01.77	110449	12 3.6 A49
							01.69- 01.73	110443	12 2.1
							01.51-	115392	12 4.0
							01.51-	110818	12 2.1
Matbro									
AGRICULTURE									
Various Models								116137	12 2.8 A49
								115391	12 4.2
								110443	12 2.1
								113269	12 3.0
								110442	12 2.1
								110462	12 2.8
Maybach									
PASSENGER CARS EU									
62 6.0 S	[M285.980]					RHD	09.05- 12.12	114178	12 1.4
							09.05- 12.12	111768*	12 1.7
Maybach 5.5 V12	[M285.950]						09.02- 12.12	111768*	12 1.7
Maybach 6.0 V12	[M285.980]						09.05-	111768*	12 1.7
Mazda									
PASSENGER CARS EU									
2 1.3	(DE)[ZJ-VE]	10.07-	115795	14	90		08.10- 01.12	116275	12 1.0
	[FUJA]	AC 04.03-	114129	14	90		10.07- 07.10	115639	12 1.0
2 1.3 MZR	(DE)[ZJ-VE]	01.10-	115795	14	90		01.10-	115639	12 1.0
2 1.3 BiFuel	(DE)[ZJ46]	05.11- 11.14	115795	14	90		05.11- 11.14	116275	12 1.0
							05.11- 11.14	115639	12 1.0
2 1.3 VTI BiFuel	(DE)[ZJ46]	05.11- 11.14	115795	14	90		05.11- 11.14	116275	12 1.0
							05.11- 11.14	115639	12 1.0
2 1.4 16V	[FXJA]	AC 04.03-	114129	14	90		04.03-	111906	12 1.1
2 1.4 CD	[F6JA]	04.03-	113912	14	80				
		04.03-	114128	14	150		04.03-	113905	12 1.4 A49
		04.03-	116362*	14	80		04.03-	116159	12 1.4
	[F6JB]	04.03-	113912	14	80		04.03-	113905	12 1.4 A49
		04.03-	114128	14	150		04.03-	116159	12 1.4
2 1.4 diesel MZR	[Y404]	01.08-	114724	14	150		01.08-	116159	12 1.4
2 1.5	(DE)[ZY-DE]	10.07-	115795	14	90		08.10- 01.12	116275	12 1.0
							10.07- 07.10	115639	12 1.0
	[ZY-VE]	10.07-	115795	14	90		08.10- 01.12	116275	12 1.0
							10.07- 07.10	115639	12 1.0
2 1.5 MZR	(DE)[ZY05]	06.11-	115795	14	90		06.11-	116275	12 1.0
							06.11-	115639	12 1.0
	[ZY66]	06.11-	115795	14	90		06.11-	116275	12 1.0
							06.11-	115639	12 1.0
2 1.6 16V	[FYJA]	AC 04.03-	114129	14	90				
2 1.6 CD MZ	[Y406]	10.08-	114724	14	150		10.08-	113905	12 1.4 A49
		10.08-	114866	14	120		10.08-	116159	12 1.4
	[Y646]	10.08-	114724	14	150		10.08-	116159	12 1.4
		10.08-	114866	14	120		10.08-	113905	12 1.4 A49
3 1.3	[ZJ-VE]	10.03-	114358	14	110		10.03-	115553	12 1.0
3 1.4	[FXJA]	02.04-	114358	14	110		02.04-	115553	12 1.0
3 1.5	(BM)[PSY1]	10.13-	116224	14	100				
3 1.5 Skyaktiv-G	[PSY1]	09.13-	116224	14	100				
3 1.6	[B6ZE]	10.03-	114358	14	110		10.03-	115553	12 1.0
	[Z6]	02.04-	114358	14	110		02.04-	115553	12 1.0
3 1.6 MZR	(BL)[Z6]	06.09- 12.13	115795	14	90		06.09- 12.13	115639	12 1.0
3 1.6 Diesel MZR-CD	(BL)[Y6]						11.10-	113908	12 1.2 A49
							11.10-	116062	12 1.2

STARTERS & ALTERNATORS



Application list

MAZDA Continued

						11.10-	116062	12	1.2
						11.10-	113908	12	1.2 A49
3 1.6 MZ-CD	(BK)[Y406]	06.06-	113922	14	120	06.06-	113908	12	1.2 A49
		06.06-	115460	14	160	06.06-	116062	12	1.2
3 1.6 MZR-CD	(BL)[Y601]	06.09-	113849	14	150 A49				
		06.09-	113922	14	120	06.09-	113908	12	1.2 A49
		06.09-	116294	14	150	06.09-	116062	12	1.2
	[Y642]	06.09-	113922	14	120	06.09-	116062	12	1.2
		06.09-				06.09-	113908	12	1.2 A49
3 1.6 TD	[Y601]	06.04-	113849	14	150 A49	06.04-	116062	12	1.2
		06.04-	113922	14	120				
		06.04-	116294	14	150	06.04-	113908	12	1.2 A49
3 1.6 Turbo Di	[Y601]	06.04-	113849	14	150 A49				
		06.04-	113922	14	120				
		06.04-	115460	14	160	06.04-	113908	12	1.2 A49
		06.04-	116294	14	150	06.04-	116062	12	1.2
3 2.0	(BK)[LF17]	09.03- 06.06	115786	14	90	09.03- 06.06	113795	12	1.0
	(BL)[LF-VDS]					05.09- 02.12	116269	12	1.2
	[LF17]					10.03-	113795	12	1.0
3 2.0 Skyaktiv-G	[PEY7]	09.13-	116224	14	100				
3 2.0 MZR	(BL)[LF17]					06.09-	116269	12	1.2
	[LF-DE]					06.09-	116269	12	1.2
3 2.0 MZR-DiSi	(BL)[LF5H]					06.09-	116269	12	1.2
	[LF5W]					06.09-	116269	12	1.2
3 2.0 CD MRZ	(BK12)[RF7J]	12.06-	114111	14	90	12.06-	114059	12	2.3
	(BK14)[RF7J]	12.06-	114111	14	90	12.06-	114059	12	2.3
3 2.2 Diesel MZR-CD	(BL)[R2AA]	06.09-	116011	14	100				
3 2.2 Diesel Skyaktiv-D 150	[SHY1]	09.13-	116293	14	150				
3 2.2 MZR-CD	(BL)[R2AA]	06.09-	116011	14	100				
3 2.3 MPS	(BK14)[L3N9]	12.06-	116110	14	110	12.06- 01.07	113819	12	1.4
5 1.6 CD	(CR19, CW)[Y6]					09.10-	113908	12	1.2 A49
						09.10-	116062	12	1.2
5 1.8	[L823]	03.05-	115786	14	90	03.05-	113795	12	1.0
5 1.8 MZR	(CW)[L850]	02.13-	115786	14	90	02.13-	116269	12	1.2
5 2.0	(CW)[LFZB]					01.11-	116269	12	1.2
	[LFF7]	03.05-	115786	14	90	03.05-	113795	12	1.0
5 2.0 Diesel Di	[RF7J]	06.05-	114111	14	90	06.05-	114059	12	2.3
5 2.0 Diesel Di RF7J	[RF7J]	03.05-	114111	14	90	03.05-	114059	12	2.3
6 1.8	(GG)[L813]	AC 08.02-	113348	14	90				
		AT 08.02-	115368	14	90	08.02-	113795	12	1.0
	(GY)[L813]	AC 08.02-	113348	14	90				
		AT 08.02-	115368	14	90	08.02-	113795	12	1.0
6 1.8 MRZ	(GH)[L813]	08.07-	114865	14	100	08.07-	116269	12	1.2
6 2.0	(GG)[LF17]	AC 08.02-	113348	14	90				
		AT 06.02-	115368	14	90	08.02-	113795	12	1.0
		AT 06.02-	113348	14	90				
	[LF18]	AC 06.02-	113348	14	90				
		AT 06.02-	115368	14	90	06.02-	113795	12	1.0
		AT 08.02-	113348	14	90				
	[LFF7]	03.05-	114865	14	100	03.05-	113795	12	1.0
	(GJ)[PEY7]	01.13-	116224	14	100				
	(GY)[LF17]	AC 08.02-	113348	14	90				
		AT 08.02-	115368	14	90	08.02-	113795	12	1.0
	[LF18]	AT 08.02-	115368	14	90	08.02-	113795	12	1.0
		AT 08.02-	113348	14	90				
	[LFF7]	03.05-	114865	14	100	03.05-	113795	12	1.0
6 2.0 MRZ	(GH)[LF17]	08.07-	114865	14	100	08.07-	116269	12	1.2
6 2.0 CD MRZ	(GH)[RF7J]	08.07-	114839	14	100	08.07-	114059	12	2.3
6 2.0 CiTD 4x4	(GY)[RF5C]	10.02- 02.05	114112	14	90	10.02- 02.05	114059	12	2.3
6 2.0 Diesel Di	(GG)[RF5C]	08.00-	114112	14	90	06.02-	114059	12	2.3
	[RF7J]	06.05-	114111	14	90	06.05-	114059	12	2.3
	(GY)[RF5C]	08.02-	114112	14	90	08.02-	114059	12	2.3
	[RF7J]	06.05-	114111	14	90	06.05-	114059	12	2.3
6 2.2 Diesel	(GH)[R2BF]	01.10-	116011	14	100				
	[R2AA]	01.10-	116011	14	100				
	(GJ)[SHY1]	12.12-	116293	14	150				
6 2.2 Diesel AWD	(GJ, GH)[SHY4]	02.15-	116293	14	150				
6 2.2 Diesel MZR	(GH)[R2BF]	01.10-	116011	14	100				
6 2.2 MZR-CD	(GH)[R2BF]	01.09-	116011	14	100				
	[R2AA]	01.09-	116011	14	100				
6 2.2 MZR-CD Sport	(GH)[R2AA]	01.10-	116011	14	100				
6 2.3	(GG)[L3C1]	AT 06.02-	115368	14	90				
		AT 06.02-	113348	14	90				
	[L3KG]	12.05-	114865	14	100				
		12.05-	116110	14	110	12.05-	113819	12	1.4
	(GY)[L3C1]	AT 08.02-	115368	14	90				
		AT 08.02-	113348	14	90				
6 2.3 4WD	(GY)[L3C1]	AT 11.02-	115368	14	90				
		AT 08.02-	113348	14	90				
6 2.5	(GJ)[PYY1]	12.12-	116224	14	100				
6 2.5 MRZ	(GH)[L5-VE]	08.07-	114865	14	100				
121 1.1	(DA)[B1]	10.87- 10.90	110136	14	50	10.87- 10.90	110807	12	0.85
	[B116]	04.89- 10.90	110136	14	50	04.89- 10.90	110807	12	0.85
121 1.2	(JA, JB)[DHF]	03.96-	113447	14	70				
						03.96-	113701	12	1.1 A49
	[DHG]					03.96-	113701	12	1.1 A49
121 1.3	(DA)[B3]					10.87- 10.90	110807	12	0.85
	[J4T]	03.96-	113447	14	70				
						03.96-	111131	12	0.8
						03.96-	113701	12	1.1 A49
	[JHC]	03.96-	113447	14	70				
						03.96-	111131	12	0.8
						03.96-	113701	12	1.1 A49
	[JJK]	03.96-	113447	14	70				
						03.96-	113701	12	1.1 A49
	[JJM]	03.96-	113447	14	70				
						03.96-	113701	12	1.1



121 1.3 16V	(DB)[B3]					AT 11.90- 03.96	110808	12 0.85
						11.90- 03.96	110807	12 0.85
121 1.8 Diesel	[RTJ]	03.96-	112121	14 70		A13 03.96-	112290	12 2.2
						03.96-	110867	12 1.7
323 1.0	(FA)[P]	06.77- 05.80	110133	14 35				
	[PC]	06.77- 05.80	110133	14 35				
323 1.1	(BD)[E1]	11.80- 10.85	110136	14 50		11.80- 10.85	110149	12 0.9
	(BF)[E1]					08.85- 08.87	110149	12 0.9
323 1.3	(BD)[E3]	11.80- 10.85	110136	14 50		11.80- 10.86	110149	12 0.9
						11.86- 10.89	110808	12 0.85
	(BF)[E3]					08.85- 05.89	110808	12 0.85
	(BG)[B383]					09.89- 06.91	110808	12 0.85
	[B3E]					09.89- 07.94	110808	12 0.85
	(BW)[E3]					07.86- 04.90	110808	12 0.85
	(FA)[T]	01.77- 05.80	110133	14 35				
	[TC]	01.77- 05.86	110133	14 35				
323 1.3 16V	(BA)[B3]					10.96-	110808	12 0.85
	(BG)[B3]	09.94- 02.97	111807	14 70		09.89- 07.94	110808	12 0.85
	(BJ)[B3ME]	05.98- 10.00	111384	14 70		05.98- 10.00	110808	12 0.85
						06.98- 01.01	111970	12 1.0
						06.87- 05.89	110808	12 0.85
323 1.3 i	(BF)[B3E]					04.87- 10.89	110808	12 0.85
323 1.4	(FA)[U]	01.75- 05.80	110133	14 35				
	[UC]	01.75- 08.82	110133	14 35				
323 1.5	(BD)[E5]	06.80- 12.85	110136	14 50		11.80- 12.85	110149	12 0.9
	(BF)[B5]					11.86- 10.89	110808	12 0.85
	[E5]					11.86- 05.89	110808	12 0.85
	(BW)[B5]					01.87- 05.89	110808	12 0.85
	[B50]					01.87- 04.90	110808	12 0.85
	[B53]					01.87- 04.90	110808	12 0.85
	[E5]					01.86- 07.87	110808	12 0.85
	(FA)[D5]	04.82- 05.86	112270	14 35				
323 1.5 16V	(BA)[Z5-DE]	10.96- 08.98	111384	14 70				
		10.96-	111807	14 70		10.96-	111970	12 1.0
	(BJ)[ZL05]	05.98- 01.01	111384	14 70		09.98-	111970	12 1.0
						05.98-	110149	12 0.9
						09.98-	110808	12 0.85
	[ZL06]	09.98- 01.01	111384	14 70		09.98- 01.01	111970	12 1.0
						09.98- 01.01	110149	12 0.9
						09.98- 01.01	110808	12 0.85
323 1.5 i Turbo	(BF)[E5E2]					10.86- 05.89	110808	12 0.85
323 1.5 i	(BF)[E5E3]					10.86- 05.89	110808	12 0.85
323 1.6	(BF)[B68]					09.87- 10.89	110808	12 0.85
	(BG)[B6]					03.91- 10.94	110808	12 0.85
	[B6E]					09.89- 06.91	110808	12 0.85
	(BW)[B6 (SOHC)]					09.86- 03.93	110808	12 0.85
	[B68]					09.87- 10.89	110808	12 0.85
323 1.6 4WD	(BW)[B6E]					05.90- 03.93	110808	12 0.85
323 1.6 GT	(BF)[B6]					08.85- 12.88	110808	12 0.85
	[B6 (SOHC)]					11.86- 10.89	110808	12 0.85
323 1.6 16V	(BG)[B6]					06.89- 10.94	110808	12 0.85
323 1.6 GTi	(BF)[B6]					01.86- 12.88	110808	12 0.85
323 1.6 Turbo	(BF)[B6T]					10.85- 11.91	110808	12 0.85
323 1.6 Turbo GT	(BF)[B6]					10.85- 11.91	110808	12 0.85
323 1.6 Turbo GT 4WD	(BF)[B6]					08.87- 10.89	110808	12 0.85
	[B6T]					10.87- 11.91	110808	12 0.85
323 1.8	(BG)[BP]					04.91- 07.94	110808	12 0.85
323 1.8 4WD	(BG)[BPC]	02.94- 05.94	111807	14 70		AT 06.91- 05.94	110810	12 1.4
						06.91- 05.94	110808	12 0.85
323 1.8 16V	(BG)[BP]					08.89- 07.94	110808	12 0.85
	[BP52]					09.91- 07.94	110808	12 0.85
	(BJ)[FP]	09.98-	112067	14 80		09.98- 01.01	111730	12 1.0
323 1.8 16V 4WD	(BG)[BP]					11.91- 12.93	110808	12 0.85
323 1.8 Turbo 16V 4WD	(BG)[BP]	02.94-	111807	14 70		09.90- 07.94	110808	12 0.85
323 1.9 16V	(BJ)[FP]	05.98- 10.00	112067	14 80		05.98- 10.00	111730	12 1.0
323 2.0 Diesel	(BJ)[RF1G]	09.98-	113785	14 80				
323 2.0 TD	(BJ)[RF]					09.98- 01.01	110389	12 2.0
626 1.6	(CD)[H6]	05.79- 05.82	110307	14 60				
		08.80- 10.82	110134	14 55				
	[N]	05.79- 08.80	110134	14 55				
		05.79- 05.82	110307	14 60				
	[NA]	10.78- 12.82	110134	14 55				
		05.79- 05.82	110307	14 60				
	(GC)[F6]					11.82- 09.87	110149	12 0.9
	(GD)[F68]	03.88- 07.91	110664	14 70		06.87- 05.92	110808	12 0.85
						06.87- 05.92	110149	12 0.9
						06.87- 05.92	110808	12 0.85
						06.87- 05.92	110149	12 0.9
626 1.8	(GD)[F8]	09.87- 05.92	110664	14 70		09.87- 05.92	110808	12 0.85
	(GE)[FP]	08.91- 04.97	111317	14 80		05.94- 04.97	111730	12 1.0
						08.91- 04.97	110810	12 1.4
	(GF)[FP]	12.99-	112067	14 80		12.99-	111730	12 1.0
	[FP9A]	12.99-	112067	14 80		12.99-	111730	12 1.0
	[FPY3]	05.97-	112067	14 80		05.97-	111730	12 1.0
	(GF,GW)[FP9A]	01.00-	112067	14 80		01.00-	111730	12 1.0
	(GV)[F8]	03.88- 03.92	110664	14 70		01.88- 03.92	110808	12 0.85
	(GW)[FPY3]	02.98-	112067	14 80		02.98-	111730	12 1.0
626 1.8 i	(GE)[FP]	01.92- 04.97	111317	14 80		01.92- 04.97	111730	12 1.0
						01.92- 04.97	110810	12 1.4
626 2.0	(CB)[MA]	10.78- 12.82	110134	14 55				
		05.79- 05.82	110307	14 60				
	[HE3]	05.79- 05.82	110307	14 60				
		08.80- 10.82	110134	14 55				
	[M]	05.79- 08.80	110134	14 55				
		05.79- 05.82	110307	14 60				
	(GC)[FE]					03.83- 09.87	110149	12 0.9



Application list

MAZDA Continued

	(GD)[FE]	09.87- 10.90	110664	14	70	09.87- 10.90	110810	12	1.4
						09.87- 10.90	110808	12	0.85
	(GF)[FS]	05.97-	112067	14	80	05.97-	111730	12	1.0
	[FS2C]	02.98-	112067	14	80	02.98-	111730	12	1.0
	(GW)[FS]	02.98-	112067	14	80	02.98-	111730	12	1.0
	[FS2C]	02.98-	112067	14	80	02.98-	111730	12	1.0
626 2.0 12V	(GD)[FE]	09.87- 05.92	110664	14	70	09.87- 05.92	110810	12	1.4
						09.87- 05.92	110808	12	0.85
	(GV)[FE]	03.88- 03.92	110664	14	70	09.87- 01.90	110810	12	1.4
						09.87- 01.90	110808	12	0.85
626 2.0 16V	(GD)[FE]	06.87- 05.92	110664	14	70	07.87- 05.92	110810	12	1.4
						06.87- 05.92	110808	12	0.85
	(GV)[FE]	01.88- 03.92	110664	14	70	01.88- 03.92	110810	12	1.4
						01.88- 03.92	110808	12	0.85
626 2.0 8V	(GD)[FE]	09.87- 10.90	110664	14	70	06.88- 10.90	110810	12	1.4
						09.87- 10.90	110808	12	0.85
	(GV)[FE]	10.88- 10.90	110664	14	70	10.88- 10.90	110810	12	1.4
						10.88- 10.90	110808	12	0.85
626 2.0 i	(GE)[FS]	08.91- 04.97	111317	14	80	05.94- 04.97	111730	12	1.0
						08.91- 04.94	110810	12	1.4
						11.94- 02.98	111730	12	1.0
626 2.0 i 4WD	(GE)[FS]	04.92- 04.97	111317	14	80	05.94- 04.97	111730	12	1.0
						04.92- 04.94	110810	12	1.4
626 2.0 Diesel	(GC)[RF46]					01.83- 06.87	110389	12	2.0
	(GD)[RF-N]					07.87- 07.91	110389	12	2.0
	(GV)[RF-N]					09.88- 07.91	110389	12	2.0
	[RFG5]					11.94- 02.98	110389	12	2.0
626 2.0 Diesel Complex	(GV)[RF-CX]					05.93-	110389	12	2.0
626 2.0 Diesel GLX Complex	(GE)[RF OHC]					10.92- 04.97	110389	12	2.0
626 2.0 TDDi	(GF)[RF3F]					09.99-	110389	12	2.0
	(GW)[RF3F]	09.99-	113785	14	80	09.99-	110389	12	2.0
626 2.2 12V	(GD)[F2]	11.87- 04.92	110664	14	70	06.88- 04.92	110810	12	1.4
						11.87- 04.92	110808	12	0.85
	(GV)[F2]	03.89- 03.92	110664	14	70	03.89- 03.92	110810	12	1.4
						03.89- 03.92	110808	12	0.85
626 2.2 12V 4WD	(GD)[F2]	09.89- 07.91	110664	14	70	09.89- 07.91	110810	12	1.4
	(GV)[F2]					05.91- 11.92	110810	12	1.4
	[F2L1]	05.91- 10.97	110664	14	70	05.91- 11.92	110808	12	0.85
		04.98-	112067	14	80	05.91- 11.92	110810	12	1.4
626 2.5 24V	(GE)[KL]	01.92- 04.97	111315	14	90				
818 1.3	[TC]	01.71- 10.80	110133	14	35				
929 2.0	(HB)[MA]	01.82- 03.84	110134	14	55				
	[FE]					03.84- 07.87	110149	12	0.9
	[HEE]	05.82- 03.84	110134	14	55				
	(HV)[MA]	01.83- 12.87	110134	14	55				
	[HEE]	01.83- 12.87	110134	14	55				
		01.83- 12.87	110307	14	60				
	(LA)[MA]	Chas. LA4 05.79- 12.81	110134	14	55				
		Chas. LA4 05.79- 07.86	110307	14	60				
	[M]	Chas. LA4 05.79- 12.81	110134	14	55				
		Chas. LA4 05.79- 07.86	110307	14	60				
929 2.0 8V	(HB)[FE]					03.84- 07.87	110149	12	0.9
929 2.0 i	(HB)[FET]					10.84- 07.87	110149	12	0.9
929 2.0 i GLX	(HB)[FE]					10.84- 07.87	110149	12	0.9
929 2.2	(HC)[F2]					01.88-	110810	12	1.4
	[F21]					09.87-	110810	12	1.4
	[F2E]					01.88-	110810	12	1.4
929 2.2 12V	(HC)[F2-C]					04.89- 06.91	110810	12	1.4
929 2.2 i	(HC)[F2-EGI]					05.87- 12.88	110810	12	1.4
1000 1.0	[PC]	01.75- 01.77	110133	14	35				
1300 1.3	[TC]	01.75- 01.77	110133	14	35				
323 C 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 10.98	111384	14	70				
323 C 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		02.97-	111384	14	70				
323 C 1.8	(BA)[BPZE]	08.94- 02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94- 08.96	110808	12	0.85
323 F 1.4	(BJ)[B3]	01.01-	111384	14	70	01.01-	110149	12	0.9
323 F 1.5 16V	(BA)[Z5-DE]	07.94- 02.97	111807	14	70	07.94-	110808	12	0.85
		02.97-	111384	14	70				
323 F 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	111970	12	1.0
						01.01-	110808	12	0.85
323 F 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94- 08.96	110808	12	0.85
	(BG)[BP31]					09.89- 03.93	110808	12	0.85
323 F 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
323 F 2.0 24V	(BA)[KF]	08.94-	111315	14	90				
323 F 2.0 TD	(BJ)[RF4F]	01.01-	113785	14	80				
323 S 1.4 16V	(BA)[B3]	08.94- 02.97	111807	14	70				
		10.96- 10.98	111384	14	70	08.94-	110808	12	0.85
	(BJ)[B3]	01.01-	111384	14	70	01.01-	110808	12	0.85
323 S 1.5 16V	(BA)[Z5-DE]	08.94- 02.97	111807	14	70	08.94-	110808	12	0.85
		10.96- 09.98	111384	14	70				
323 S 1.6	(BJ)[ZM]	01.01-	112067	14	80	01.01-	111970	12	1.0
						01.01-	110808	12	0.85
323 S 1.8 16V	(BA)[BPZE]	08.94- 02.97	111807	14	70	09.96-	111970	12	1.0
		02.97-	111384	14	70	08.94- 08.96	110808	12	0.85
323 S 2.0	(BJ)[FS7E]	01.01-	112067	14	80	01.01-	111730	12	1.0
	[FS7G]	01.01-	112067	14	80	01.01-	111730	12	1.0
Atenza 2.5	(GJ, GL)	A54 03.18-	116409*			A25 03.18-	116251	12	1.2
B 1600 1.6		02.77- 09.78	110133	14	35				
B 1800 1.8	[H816]	10.81- 08.85	112270	14	35				
			112270	14	35				
		02.77-	110133	14	35				
B 2000 2.0						01.85- 12.91	110149	12	0.9
B 2200 2.2 8V 4WD	(UN)[JL22]					06.99-	110808	12	0.85



B 2200 2.2 Diesel	[R290]					12.89- 03.96	110389	12	2.0
B 2500 2.5 Diesel	(UF)[WL]	02.96- 06.99	112352	14	70				
	(UN)[MD25NA]	06.99-	114120	14	75	06.99-	113702	12	2.2
	[WLE7]	Chas. 010301- 09.01-	112352	14	70				
		Chas. 010301- 12.02-	114120	14	75	12.02-	113702	12	2.2
B 2500 2.5 Diesel 4WD	(UF)[WL]	12.96- 06.99	112352	14	70	02.96- 06.99	113702	12	2.2
	(UN)[WLE7]	Chas. -010301 09.01-	112352	14	70				
		Chas. -010301 12.02-	114120	14	75	12.02-	113702	12	2.2
	[MD25NA]	06.99-	112352	14	70				
B 2500 2.5 TD 4WD	[MD25TI]	06.99-	114120	14	75	06.99-	113702	12	2.2
B 2600 2.6 4WD	(UF)[LG54]	01.87- 10.89	110318	14	50	01.87- 11.89	110811	12	1.2
B 2600 2.6 12V 4WD	(UN)[JK26]	01.87- 10.90	110318	14	50				
BT-50 2.5 Diesel 4WD	[WLA4]	12.06-	112352	14	70	12.06-	113702	12	2.2
Capella 1.8	(GD)[F8 (8V)]	11.87- 07.89	110664	14	70	11.87- 07.89	110808	12	0.85
CX-3 2.0	(DK)	A54 02.18-	116409*			02.18-	116251	12	1.2
CX-5 2.0	(KE)[PEY6]	11.11-	116224	14	100				
	[PEY7]	11.11-	116224	14	100				
	(KE, GH)[PEY5]	02.12- 02.17	116224	14	100				
	(KF)					A25 05.17-	116251	12	1.2
CX-5 2.0 AWD	(KE)[PEY6]	11.11-	116224	14	100				
	[PEY7]	11.11-	116224	14	100				
	(KE, GH)[PEY5]	02.12- 02.17	116224	14	100				
	(KF)					A25 05.17-	116251	12	1.2
CX-5 2.2 Diesel	(KE)[SHY1]	04.12-	116293	14	150				
CX-5 2.2 Diesel AWD	(KE)[SHY1]	04.12-	116293	14	150				
CX-5 2.5 AWD	(KE, GH)[PYY1]	02.15-	116224	14	100				
	(KF)[PY-VPS]					A25 05.17-	116251	12	1.2
CX-7 2.2 Diesel AWD MZR-CD	(ER)[R2AA]	01.12-	116011	14	100				
CX-7 2.2 MZR-CD	[R2AA]	09.09-	116011	14	100				
CX-7 2.3 DiSi Turbo MZR	[L3-VDT]	10.07-	116110	14	110	10.07-	113819	12	1.4
CX-7 2.3 MZR-DiSi	[L3-VDT]	09.09-	116110	14	110				
Demio 1.3 16V	(DW)[B3]					08.98-	110808	12	0.85
	[B3ME]					08.98-	110808	12	0.85
	(DW)[B5E]	04.00-	111384	14	70	04.00-	111970	12	1.0
E 1600 1.6	[NA]	01.78- 03.81	110133	14	35				
		04.81-	110134	14	55				
		04.81- 06.84	112270	14	35				
E 2000 2.0	(SR)[FE18]	11.84- 02.88	110134	14	55	11.84- 02.88	110149	12	0.9
	[FEV4]	11.84- 02.88	110134	14	55	11.84- 02.88	110149	12	0.9
	(SR2)[FE]					06.94-	110808	12	0.85
	[FE18]	05.85- 08.88	110134	14	55				
		05.85- 04.89	110307	14	60	05.85- 04.89	110149	12	0.9
	[FE58]	05.85- 08.88	110134	14	55				
		05.85- 04.89	110307	14	60	05.85- 04.89	110149	12	0.9
	[FE60]					03.91- 05.94	110808	12	0.85
	[FE61]					03.91- 05.94	110808	12	0.85
E 2000 2.0 4WD	(SR1)[FEBN]					10.88- 09.89	110149	12	0.9
E 2200 2.2 Diesel	(SR)[R203]	01.84- 02.88	110699	14	50				
		01.84- 02.88	110706	14	60	01.84- 02.88	110389	12	2.0
	[R207]	01.84- 02.88	110699	14	50				
		01.84- 02.88	110706	14	60	01.84- 02.88	110389	12	2.0
	(SR2)[R203]	03.91-	110699	14	50				
		03.91-	110706	14	60	03.91-	110389	12	2.0
	[R207]	03.91-	110699	14	50				
	03.91-	110706	14	60	03.91-	110389	12	2.0	
E 2200 2.2 Diesel 4WD	(SR2)[R203]	03.91-	110699	14	50				
		03.91-	110706	14	60	03.91-	110389	12	2.0
	[R207]	03.91-	110699	14	50				
		03.91-	110706	14	60	03.91-	110389	12	2.0
Familia V 1.1	(BD)	08.82- 04.85	110136	14	50	08.82- 04.85	110149	12	0.9
Familia V 1.5	(BD)[E5]	08.82- 04.85	110136	14	50				
MPV 2.0	(LW)[FS]					08.00- 07.02	111730	12	1.0
MPV 2.0 i 16V	(LW)[FS-DS]					06.99- 04.02	111730	12	1.0
MPV 2.0 Diesel Di	(LW)[RF5C]	07.02-	114112	14	90	07.02-	114059	12	2.3
MPV 2.5 V6	(LW)[GY-DE]	09.99- 03.02	114356	14	100				
MPV 2.5 TD	[WLT]	05.96- 09.99	113785	14	80	05.96- 09.99	113702	12	2.2
MX-3 1.6	(EC)[B69]	07.91-	111237	14	70	07.91-	110808	12	0.85
MX-3 1.6 i	(EC)[B6D]	05.91-	111237	14	70				
		01.94-	111807	14	70	01.94-	110808	12	0.85
MX-3 1.8 i V6	(EC)[K819]	01.92- 01.94	111315	14	90				
	[K838]	05.91-	111315	14	90				
MX-5 1.5	(ND)					08.17-	116409*		
MX-5 1.6	(NA)[B6]	01.95- 11.97	111342	14	60	01.95-	112215	12	0.95
	[B64F]	08.89- 11.97	111342	14	60	05.90- 01.94	112215	12	0.95
MX-5 1.6 16V	(NB)[B6D]	05.98- 10.05	111807	14	70				
		05.98-	112067	14	80	05.98- 04.01	111970	12	1.0
MX-5 1.8	(NA)[BPF1]	02.94- 04.98	111807	14	70	02.94- 04.98	112215	12	0.95
	(NC)[L828]	03.05-	114865	14	100	03.05-	115599	12	1.4
	[L8-DE]	03.05-	114865	14	100	03.05-	115599	12	1.4
MX-5 1.8 16V	(NB)[BPD]	11.00-	112067	14	80	11.00-	111970	12	1.0
	[BPZE]	08.00-	112067	14	80	05.98- 10.05	110149	12	0.9
		12.94- 11.97	111807	14	70				
		01.98- 08.00	111384	14	70				
MX-5 1.9 16V	(NB)[BPD]	11.00-	112067	14	80	11.00-	111970	12	1.0
MX-5 2.0	(NC)[LF62]	03.05-	114865	14	100	03.05-	115599	12	1.4
	[LF-DE]	03.05-	114865	14	100	03.05-	115599	12	1.4
MX-5 RF (ND) 2.0	(ND)[PEX6]					12.16-	116409*		
MX-6 2.0	(GE)[FS]	04.91-	111315	14	90				
		04.91-	111317	14	80	02.92-	110810	12	1.4
MX-6 2.5 24V	(GE)[KL]	07.91-	111315	14	90				
		07.91-	111317	14	80				
MX-6 2.5 i 24V	(GE)[KL]	08.94-	111315	14	90				
		08.94-	111317	14	80				
Premacy 1.8	(CP)[FP]	07.99-	112067	14	80	03.99-	111730	12	1.0
Premacy 2.0	(CP)[FS7E]					11.01-	111730	12	1.0
	[FS7G]	11.01-	112067	14	80	11.01-	111730	12	1.0

STARTERS & ALTERNATORS



Application list

MAZDA Continued

RX-7 1.1	(SA)[12AN2]	05.79- 05.81	110307	14 60				
		03.84- 03.86	110134	14 55				
	[12AN2]	01.81- 03.84	110134	14 55				
RX-8 2.6	(SE)[13B-MSP]	10.03- 06.12	115797	14 100				
Tribute 2.0 4WD	(EP)[YF]				03.00-	112340	12 1.4	
Tribute 3.0 V6 24V 4WD	[AJ]				03.00-	111374	12 1.5	
Various Models					01.85-	110149	12 0.9	
Xedos 6 1.6 16V	(CA)[B6]	06.94-	111807	14 70	06.94-	112215	12 0.95	
	[B69]	08.92- 05.94	111237	14 70				
					08.92- 05.94	110808	12 0.85	
Xedos 6 2.0 i	(CA)[KF1]	01.92- 05.94	111315	14 90				
Xedos 9 2.0 24V	[KF]	08.93-	111315	14 90				
Xedos 9 2.5 V6	(TA)[KL]	07.00-	112067	14 80				
Mc Cormick								
AGRICULTURE								
MTX	[Perkins]						114777	12 3.0
Various Models			116126	14 65			114107	12 3.2
Mercedes-Benz								
PASSENGER CARS EU								
100 2.4 Diesel	(631)[OM616]	12.90- 02.96	110358	14 55	12.90- 12.94	110368	12 2.3	
		12.90- 02.96	110968	14 70				
		12.90- 02.96	111149	14 80	09.02-	113855	24 5.4	
	[OM616.963]	12.90-	110358	14 55				
		12.90-	111149	14 80	12.90- 02.96	110368	12 2.3	
	(631.340)[OM616.963]	09.87- 01.96	110358	14 55				
		09.87- 01.96	111149	14 80	12.90- 02.96	110368	12 2.3	
190 2.0	(201)[M102.921]	10.82- 08.86	110358	14 55				
		10.82- 08.86	110923	14 55	10.82- 05.85	110862	12 1.5	
	[M102.924]	PS 01.86- 05.90	111093	14 70	06.85- 05.90	111347	12 1.2	
		PS 09.84- 08.86	110358	14 55				
		PS 09.84- 05.90	110923	14 55	09.84- 05.85	110862	12 1.5	
	PS 04.85- 08.90	111093	14 70					
190 2.0 Diesel	(201)[OM601.911]	08.83- 08.93	110923	14 55	10.81- 03.91	113855	24 5.4	
		04.85- 08.93	111093	14 70	08.83- 08.93	111065	12 2.2	
190 2.5 Diesel	(201)[OM602.911]	04.85- 08.93	110923	14 55				
		04.85- 08.93	111093	14 70	04.85- 08.93	111065	12 2.2	
190 2.5 TD	(201)[OM602.961]	02.88- 08.93	110923	14 55				
		02.88- 08.93	111093	14 70	02.88- 08.93	111065	12 2.2	
200 1.8 Kompressor	(209)[M271.940]	09.02-	113877	14 120 A49				
		09.02-	116322*	14 120	09.02-	113513	12 1.1	
200 1.8 CGI	(209)[M271.942]	07.03-	113877	14 120 A49				
		07.03-	116322*	14 120	05.02-	113513	12 1.1	
200 2.0	(115)[M115.923]	02.75- 01.77	110358	14 55				
	[M115.926]	02.75- 01.77	110358	14 55				
	(123)[M102.920]	06.80- 11.85	110358	14 55	06.80- 11.85	110862	12 1.5	
	[M102.939]	06.80- 11.85	110358	14 55	06.80- 11.85	110862	12 1.5	
	[M115.938]	02.76- 08.80	110358	14 55				
	[M115.939]	02.76- 08.80	110358	14 55				
	(124)[M102.922]	12.84- 06.93	110923	14 55				
		04.85- 06.93	111093	14 70	09.85- 05.90	111347	12 1.2	
200 2.0 Kompressor	(208)[M111.956]	06.00- 06.02	116129	14 90 A49	06.00- 06.02	111347	12 1.2	
		06.97-	112529	14 90				
200 2.0 Diesel	(115)[OM615.913]	02.75- 01.77	110358	14 55	01.68- 01.77	110368	12 2.3	
	(123)[OM615.940]	02.76- 11.85	110358	14 55	07.76- 11.85	110368	12 2.3	
	(124)[OM601.912]	12.84- 06.93	110923	14 55				
		04.85- 06.93	111093	14 70	12.84- 06.93	111065	12 2.2	
200 2.0 TD	(124)[OM601.912]	12.84- 06.93	110923	14 55				
		04.85- 06.93	111093	14 70	09.85- 08.91	111065	12 2.2	
206 2.2 Diesel	(601)[OM615.917]				02.73- 12.77	110775	12 1.8	
	[OM615.937]				02.73- 12.77	110775	12 1.8	
	[OM615.939]				02.73- 12.77	110775	12 1.8	
207 2.4 Diesel	(601)[OM616.917]	04.77- 12.82	110358	14 55	04.77- 12.82	110368	12 2.3	
	[OM616.934]	04.77- 12.82	110358	14 55	04.77- 12.82	110368	12 2.3	
	[OM616.937]	06.82- 01.90	110358	14 55	12.77- 01.90	110368	12 2.3	
	[OM616.939]	06.82- 01.90	110358	14 55	06.82- 01.90	110368	12 2.3	
208 2.1 CDI	(901,902)[OM611.987]	04.00-	112197	14 115				
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90 A49	04.00-	111851	12 2.0	
208 2.3	(601)[M115.955]	05.77- 12.82	110358	14 55				
	[M115.972]	05.77- 12.82	110358	14 55				
208 2.3 Diesel	(601)[OM601.940]	AC 10.88- 06.95	110923	14 55				
		AC, Eng. 281647-	10.88- 06.95	112529	14 90			
		AC, PS, Eng. 281647-	10.88- 06.95	112529	14 90			
		ACPS 10.88- 06.95	110923	14 55				
		Eng. -281646	10.88-	112734	14 80			
		Eng. 281647-	11.88- 06.95	112529	14 90			
		PS 10.88- 06.95	110923	14 55				
		PS Eng. 281647-	10.88- 06.95	112529	14 90			
		PS Eng. 281647-	10.88- 02.96	111093	14 70			
		PS Eng. 281647-	10.88- 02.96	113768	14 95			
		PS Eng. 281647-	10.88- 02.96	116129	14 90 A49	10.88- 06.95	113389	12 2.2
PS Eng. 281647-	11.88- 06.95	111883	14 115					
209 3.0 Diesel	(601)[OM617.913]	12.82- 01.90	110358	14 55 ▲	12.82- 01.90	110368	12 2.3	
210 2.3	(601)[M102.942]	AT, Eng. -002087	07.82- 01.90	112734	14 80			
		Eng. -016466	07.82- 01.90	112734	14 80	04.77- 01.90	110862	12 1.5
		Eng. -102942	07.82- 03.85	110358	14 55			
		Eng. 102945-	04.85- 06.95	110923	14 55			
		Eng. 102945-	04.85- 06.95	111093	14 70			
		Eng. 102945-	04.77- 10.89	110358	14 55			
		Eng. 102945-	04.77- 10.89	110923	14 55			
		Eng. 102945-	04.77- 10.89	111093	14 70			
	Eng. 102945-	04.77- 10.89	112734	14 80				



	[M102.945]	AT, Eng. -002087	10.87-	112734	14 80				
		Eng. -016466	10.87-	112734	14 80		10.87- 06.95	110862	12 1.5
		Eng. -016466	04.85- 06.95	110923	14 55				
		Eng. -016466	04.85- 06.95	111093	14 70				
		Eng. -016466	05.89- 06.95	111149	14 80				
	[M102.946]						07.82- 01.90	110862	12 1.5
							07.82- 02.96	111347	12 1.2
	[M115.955]		04.77- 10.89	110358	14 55				
			04.77- 10.89	110923	14 55				
			04.77- 10.89	111093	14 70				
			04.77- 10.89	112734	14 80		04.77- 10.89	110862	12 1.5
210 2.9 Diesel	(601)[OM602.940]	AC, PS, Eng. 277089-	10.88- 06.95	112529	14 90				
		ACPS	10.88- 06.95	110923	14 55				
		Eng. -277088	11.88-	112734	14 80				
		Eng. 277089-	11.88- 06.95	112529	14 90				
		Eng. 277089-	10.88- 06.95	110923	14 55				
		Eng. 277089-	10.88- 02.96	111093	14 70				
		Eng. 277089-	10.88- 06.95	112734	14 80				
		Eng. 277089-	10.88- 02.96	113768	14 95				
		Eng. 277089-	10.88- 02.96	116129	14 90	A49	10.88- 06.95	113389	12 2.2
211 2.1 CDi	(901,902)[OM611.981]		04.00-	112197	14 115				
			04.00-	112425	14 150				
			04.00- 05.06	113889	14 90				
			04.00- 05.06	115485	14 90	A49	04.00-	111851	12 2.0
213 2.1 CDi	(901,902)[OM611.981]		04.00-	112197	14 115		04.00-	111851	12 2.0
			04.00-	112425	14 150				
			04.00- 05.06	113889	14 90				
			04.00- 05.06	115485	14 90	A49			
216 2.7 CDi	(901,902)[OM612.981]		04.00-	112197	14 115				
			04.00-	112425	14 150				
			04.00- 05.06	113889	14 90		04.00-	111851	12 2.0
			04.00- 05.06	115485	14 90	A49	04.00-	112440	12 2.2
220 2.2 Diesel	(115)[OM615.912]		01.68- 01.77	110358	14 55		01.68- 01.77	110368	12 2.3
	(123)[OM615.941]		01.76- 03.81	110358	14 55		01.76- 03.79	110368	12 2.3
230 2.3	(123)[M115.954]		02.76- 03.81	110358	14 55				
230 2.3 Kompressor	(208)[M111.982]		06.00- 06.02	113301	14 90				
			06.00- 06.02	116129	14 90	A49	06.00- 06.02	111347	12 1.2
			06.97-	112529	14 90				
240 2.4 Diesel	(115)[OM616.916]		07.73- 12.77	110358	14 55		08.73- 01.77	110368	12 2.3
	(123)[OM616.912]		02.76- 11.85	110358	14 55		02.76- 11.85	110368	12 2.3
240 2.4 TD	(123)[OM616.912]		02.76- 12.85	110358	14 55		09.77- 12.85	110368	12 2.3
240 2.6	(209)[M112.912]		06.02-	113302	14 120		05.02-	113282	12 1.4
	(C209)[M112.912]		06.02- 05.09	113302	14 120		06.02- 05.09	114178	12 1.4
							06.02- 05.09	113282	12 1.4
240 3.0 Diesel	(115)[OM617.910]		07.73- 12.77	110358	14 55		08.74- 11.76	110368	12 2.3
250 2.2 Diesel	(R172)[OM651.980]		01.16-	114876	14 180	A49			
	(W166)[OM651.960]		01.16-	116309	14 180		01.16-	114305	12 1.7
			04.15-	114876	14 180	A49			
			04.15-	116142*	14 220				
			04.15-	116309	14 180		04.15-	114742	12 1.8
250 2.5	(114)[M114.920]		01.68- 08.72	110358	14 55				
	(123)[M123.921]		02.76- 07.85	110358	14 55				
250 2.5 Diesel	(124)[OM602.912]		04.85- 06.93	110923	14 55				
			04.85- 06.93	111093	14 70		04.85- 06.93	111065	12 2.2
250 2.5 TD	(124)[OM602.912]		04.85- 06.93	110923	14 55				
			04.85- 06.93	111093	14 70		09.85- 06.93	111065	12 2.2
	[OM602.962]		04.85- 06.93	110923	14 55				
			04.85- 06.93	111093	14 70		12.84- 06.93	111065	12 2.2
250 2.8	(114)[M130.923]		08.73- 11.76	110358	14 55				
270 2.7 CDi	(A209)[OM612.967]		02.03- 06.05	113772	14 190				
280 2.7	(114)[M110.921]		06.72- 02.77	110358	14 55				
	(123)[M110.923]		02.76- 08.81	110358	14 55				
300 3.0 Diesel	(123)[OM617.912]		02.76- 11.85	110358	14 55		02.76- 11.85	110368	12 2.3
	(124)[OM603.912]		12.84- 06.93	110923	14 55				
			04.85- 06.93	111093	14 70		12.84- 06.93	111065	12 2.2
	[OM603.960]		09.86- 06.93	111093	14 70		09.86- 06.93	111065	12 2.2
	[OM603.963]		09.86- 01.89	111093	14 70		09.86- 01.89	111065	12 2.2
300 3.0 Diesel 4 Matic	(124)[OM603.913]		09.86- 06.93	110923	14 55		09.86- 06.93	111065	12 2.2
			09.86- 06.93	111093	14 70		07.89- 08.94	113855	24 5.4
300 3.0 TD	(123)[OM617.952]		10.80- 11.85	110358	14 55		10.80- 11.85	110368	12 2.3
	(124)[OM603.960]		09.86- 06.93	111093	14 70				
			09.86- 09.88	113768	14 95		09.86- 06.93	111065	12 2.2
			09.88- 06.93	110923	14 55				
	[OM603.963]		01.88- 06.93	111093	14 70		01.88- 06.93	111065	12 2.2
300 3.0 TD 4 Matic	(124)[OM603.960]		01.89- 06.93	110923	14 55				
			01.89- 06.93	111093	14 70		01.89- 06.93	111065	12 2.2
	[OM603.963]		09.86- 01.89	110923	14 55				
			09.86- 09.93	111093	14 70				
			09.86- 09.88	113768	14 95		09.86- 06.93	111065	12 2.2
307 2.4 Diesel	(602)[OM616.937]		04.77- 01.90	110358	14 55		04.77- 01.90	110368	12 2.3
	[OM616.939]		06.82- 01.90	110358	14 55		06.82- 01.90	110368	12 2.3
308 2.1 CDi	(903)[OM611.987]		04.00-	112197	14 115				
			04.00-	112425	14 150				
			04.00- 05.06	113889	14 90				
			04.00- 05.06	115318	14 200	A49			
			04.00- 05.06	115485	14 90	A49	04.00-	111851	12 2.0
308 2.3 Diesel	(601)[OM601.940]	AC, PS, Eng. 281647-	11.88- 05.96	112529	14 90				
		ACPS	10.88- 05.96	110923	14 55				
		Eng. -281646	10.88-	112734	14 80				
		Eng. 281647-	06.89- 06.95	112529	14 90				
		Eng. 281647-	10.88- 06.95	110923	14 55				
		Eng. 281647-	11.88- 02.96	111093	14 70				
		Eng. 281647-	11.88- 02.96	113768	14 95				
		Eng. 281647-	11.88- 02.96	116129	14 90	A49	10.88- 06.95	113389	12 2.2

STARTERS & ALTERNATORS



	(602)[OM601.94 0]	AC, Eng. -281646 06.89-	112734	14 80			
		AC, Eng. 281647- 06.89- 06.95	112529	14 90			
		ACPS 06.89- 06.95	110923	14 55			
		Eng. -281646 06.89-	112734	14 80			
		Eng. 281647- 06.89- 06.95	112529	14 90			
		PS Eng. -281646 06.89-	112734	14 80			
		PS Eng. 281647- 06.89- 06.95	112529	14 90	06.89-	113389	12 2.2
		PS Eng. 281647- 06.89- 06.95	110923	14 55			
		PS Eng. 281647- 06.89- 02.96	111093	14 70			
		PS Eng. 281647- 06.89- 02.96	113768	14 95			
		PS Eng. 281647- 06.89- 02.96	116129	14 90 A49			
309 3.0 Diesel	(602)[OM617.913]	10.82- 01.90	110358	14 55	10.82- 01.90	110368	12 2.3
310 2.9 Diesel	(601)[OM602.94 0]	AC, PS, Eng. 277089- 06.89- 06.95	112529	14 90			
		ACPS 10.88- 06.95	110923	14 55			
		Eng. -277088 10.88-	112734	14 80			
		Eng. 277089- 06.89- 06.95	112529	14 90			
		Eng. 277089- 10.88- 06.95	110923	14 55			
		Eng. 277089- 06.89- 02.96	111093	14 70			
		Eng. 277089- 06.89-	112530	14 120			
		Eng. 277089- 06.89- 02.96	113768	14 95	10.88- 06.95	113389	12 2.2
		Eng. 277089- 06.89- 02.96	116129	14 90 A49			
	(602)[OM602.94 0]	AC, Eng. -277088 06.89-	112734	14 80			
		AC, Eng. 277089- 06.89- 06.95	112529	14 90			
		ACPS 06.89- 06.95	110923	14 55			
		Eng. -277088 06.89-	112734	14 80			
		Eng. 277089- 06.89- 06.95	112529	14 90			
		PS Eng. -277088 06.89-	112734	14 80	06.89- 06.95	113389	12 2.2
		PS Eng. 277089- 06.89- 06.95	112529	14 90			
		PS Eng. 277089- 06.89- 06.95	110923	14 55			
		PS Eng. 277089- 06.89- 02.96	111093	14 70			
		PS Eng. 277089- 06.89- 06.95	112530	14 120			
		PS Eng. 277089- 06.89- 02.96	113768	14 95			
		PS Eng. 277089- 06.89- 02.96	116129	14 90 A49			
311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115	04.00-	111851	12 2.0
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
		04.00- 05.06	115318	14 200 A49			
		04.00- 05.06	115485	14 90 A49			
313 2.1 CDI	(903)[OM611.981]	04.00-	112197	14 115			
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90			
		04.00- 05.06	115485	14 90 A49	04.00-	111851	12 2.0
316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14 115			
		04.00-	112425	14 150			
		04.00- 05.06	113889	14 90	04.00-	111851	12 2.0
		04.00- 05.06	115485	14 90 A49	04.00-	112440	12 2.2
320 3.0 CDI	(C219)[OM642.920]	01.05- 12.10	114380	14 180			
		01.05- 12.10	116060	14 180 A49	01.05- 12.10	111768*	12 1.7
320 3.2	(209)[M112.955]	06.02-	113302	14 120	05.02-	113282	12 1.4
350 3.5	(R231)[M276.954]				02.12-	115734	12 2.0
					02.12-	115741	12 1.4
405 2.2 Diesel	(T2/L)[OM615] [OM621]	01.72- 12.80	112098	14 65	01.72- 12.80	110775	12 1.8
			112098	14 65	03.75- 02.78	110775	12 1.8
406 2.2 Diesel	(T2/L)[OM615.910]				01.68- 12.74	110775	12 1.8
407 2.4 Diesel	(T1/TN)[OM616.913] (T2/L)[OM616.910]	07.81- 01.89	110358	14 55	07.81- 01.89	110368	12 2.3
					01.75- 12.88	110775	12 1.8
408 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14 65			
408 2.3	(T2/L)[M115.952]	01.75- 08.82	110358	14 55			
408 2.3 Diesel	(T1/TN)[OM601.940]	AC 11.88- 06.95	112529	14 90			
		AC 11.88- 06.95	112734	14 80			
		ACPS 11.88- 06.95	110923	14 55			
		PS 11.88- 06.95	112529	14 90			
		PS 11.88- 06.95	112734	14 80			
		PS 11.88- 06.95	111093	14 70			
		PS 11.88- 06.95	113768	14 95			
		PS 11.88- 06.95	116129	14 90 A49	11.88- 06.95	113389	12 2.2
		PS 12.93- 06.95	111149	14 80			
408 3.8	(T2/L)[OM314.948]				01.70- 01.73	110512	24 5.4
					02.73- 12.74	110524	24 4.0
					01.70- 12.74	110601	24 5.4
409 2.2	(T2/L)[M115.921]	01.68- 12.74	112098	14 65			
409 2.3	(T2/L)[M115.952] [M115.970] [M115.971]	01.75- 08.82	110358	14 55			
		01.75- 08.82	110358	14 55			
		01.75- 08.82	110358	14 55			
409 2.4 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14 55	04.82- 01.89	110368	12 2.3
409 3.0 Diesel	(T1/TN)[OM617.913]	04.82- 01.89	110358	14 55	04.82- 01.89	110368	12 2.3
410 2.3	(T1/TN)[M102.942]	08.82- 06.95	110358	14 55			
		08.82- 06.95	111149	14 80			
		08.82- 06.95	112734	14 80	08.82- 06.95	111347	12 1.2
		04.85- 06.95	110923	14 55			
		04.85- 06.95	111093	14 70			
	[M102.945]	08.82- 03.85	110358	14 55			
		08.82- 06.95	112734	14 80	08.82- 06.95	111347	12 1.2
		04.85- 06.95	110923	14 55			
		04.85- 06.95	111093	14 70			
		12.93- 06.95	111149	14 80			
	(T2/L)[M102.943]	08.82- 12.88	110358	14 55	08.82- 12.88	110862	12 1.5



410 2.9 Diesel	(T1/TN)[OM602.940]	ACPS 11.88- 06.95	110923	14	55						
		ACPS 11.88- 06.95	111093	14	70						
		ACPS 11.88- 06.95	112529	14	90		11.88- 06.95	113389	12	2.2	
		ACPS 11.88- 06.95	112734	14	80						
		ACPS 11.88- 06.95	113768	14	95						
414 2.1 CDI	(906)	05.16-	116142*	14	220		A25 05.16-	114742	12	1.8	
							05.16-	114305	12	1.7	
500 4.7	(R231)[M278.927]						01.12-	116002	12	1.7	
500 5.0	(209)[M113.968]						05.02-	111768*	12	1.7	
507 2.4 Diesel	(T2/LN1)[OM616.914]	04.86- 04.89	110358	14	55		04.86- 04.89	110368	12	2.3	
508 2.3 Diesel	(T2/LN1)[OM601.941]	AC 03.89- 02.01	112734	14	80		03.89- 02.01	111065	12	2.2	
		PS 03.89- 03.94	110923	14	55						
		PS 03.89- 12.94	111093	14	70						
		PS 12.93- 02.01	111149	14	80						
508 3.8	(T2/L)[OM314.946]	06.72- 08.82	111141	14	55		09.72- 12.88	110524	24	4.0	
		09.72- 12.88	110906	28	30		01.70- 12.88	110601	24	5.4	
		09.72- 06.88	113920	28	35						
		09.82- 10.86	110113	28	27						
		11.86- 12.88	110895	28	55		01.70- 03.73	110512	24	5.4	
	[OM314.948]	06.72- 06.88	111141	14	55		01.70- 12.88	110601	24	5.4	
		09.82- 10.86	110113	28	27		02.73- 12.88	110524	24	4.0	
		11.86- 12.88	110895	28	55						
	[OM314.959]	09.72- 06.88	111141	14	55		01.70- 03.73	110512	24	5.4	
							09.72- 06.88	110524	24	4.0	
	[OM314.961]						09.72- 06.88	110524	24	4.0	
	[OM314.962]	09.72- 06.88	110895	28	55		09.72- 06.88	110524	24	4.0	
	[OM314.963]	09.72- 06.88	110906	28	30						
	510 2.3	(T2/LN1)[M102.946]	04.86- 03.94	110923	14	55					
			04.86- 02.01	111093	14	70					
04.86- 02.01			112734	14	80		04.86- 02.01	110862	12	1.5	
12.93- 02.01			111149	14	80						
512 2.9	[OM602.984]	09.96-	111883	14	115						
		09.96-	111890	14	90		09.96-	111851	12	2.0	
608 3.8	(T2/L)[OM314.946]	Chas. 059069-	02.84- 12.88	111141	14	55	02.84- 12.88	110601	24	5.4	
		Chas. 059069-					02.84- 12.88	110512	24	5.4	
	[OM314.948]	04.81- 08.82	111141	14	55		01.70- 12.88	110601	24	5.4	
		09.82- 10.86	110113	28	27						
		09.82- 12.88	110895	28	55		Chas. 017518-	110512	24	5.4	
	[OM314.961]	11.86- 12.88	110906	28	30						
		02.84- 12.88	110895	28	55		02.84- 12.88	110601	24	5.4	
	[OM314.963]	02.84- 12.88	110906	28	30		02.84- 12.88	110512	24	5.4	
02.84- 12.88		113920	28	35		02.84- 12.88	110601	24	5.4		
[OM314.967]	04.81- 08.82	111141	14	55		01.70- 12.88	110601	24	5.4		
609 4.0	(T2/LN1)[OM364.906]	04.86- 12.94	110358	14	55						
		04.86- 02.01	113920	28	35		04.86- 02.01	113979	24	4.0	
		11.86- 02.91	110895	28	55						
		11.86- 02.91	110906	28	30		04.86- 02.01	110524	24	4.0	
		04.86- 12.94	110358	14	55						
[OM364.919]	04.86- 09.01	113920	28	35		04.86- 09.01	113979	24	4.0		
	11.86- 02.91	110895	28	55							
	11.86- 02.91	110906	28	30		04.86- 02.01	110524	24	4.0		
611 4.0	(T2/LN1)[OM354.901]	06.94- 09.01	113920	28	35		06.94- 09.01	113979	24	4.0	
		06.94- 12.94	111154	14	65		06.94- 12.94	114523	24	4.0	
	[OM354.902]	06.94- 09.01	113920	28	35		06.94- 09.01	115514	24	4.0	
							06.94- 09.01	110524	24	4.0	
					06.94- 01.01	111982	24	4.0			
					06.94- 09.01	113979	24	4.0			
612 2.9	[OM602.984]	09.96-	111883	14	115		09.96-	111851	12	2.0	
							09.96-	111851	12	2.0	
613 4.3	(613D, 614D)[OM904.908]	09.96-	112561	28	80						
		09.96-	113351	28	100						
		09.96-	113448	28	100		09.96-	111982	24	4.0	
		09.96-	115497	28	80	A49	09.96-	114523	24	4.0	
		09.96-	115557	28	100	A49	09.96-	115514	24	4.0	
		[OM904.908]	09.96- 04.00	112561	28	80					
			09.96- 04.00	113351	28	100					
			09.96- 04.00	113448	28	100		09.96- 04.00	111982	24	4.0
			09.96- 04.00	115497	28	80	A49	09.96- 04.00	114523	24	4.0
			09.96- 04.00	115557	28	100	A49	09.96- 04.00	115514	24	4.0
613 5.7	(T2/L)[OM353.963]	04.77- 08.82	111141	14	55		04.77- 12.88	110525	12	3.0	
		09.82- 10.86	110113	28	27						
		11.86- 12.88	110895	28	55						
		11.86- 12.88	110906	28	30						
[OM353.966]	04.77- 08.82	111141	14	55		04.77- 12.88	110525	12	3.0		
	09.82- 10.86	110113	28	27							
	11.86- 12.88	110895	28	55							
	11.86- 12.88	110906	28	30							
614 4.3	(613D, 614D)[OM904.917]	09.96-	112561	28	80		09.96-	114523	24	4.0	
		09.96-	113448	28	100		09.96- 01.01	115514	24	4.0	
	[OM900.917]	09.96-	112561	28	80		09.96-	111982	24	4.0	
		09.96-	113448	28	100		09.96- 04.00	114523	24	4.0	
		09.96-	113448	28	100		09.96- 01.01	115514	24	4.0	
		09.96-	113448	28	100		09.96-	111982	24	4.0	
	[OM904.908]	09.96-	112561	28	80		09.96- 04.00	114523	24	4.0	
		09.96-	113448	28	100		09.96- 01.01	115514	24	4.0	
						09.96-	111982	24	4.0		

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615 4.3	(615D, 616D)[OM900.918]	09.98-	112561	28 80	09.98-	114523	24 4.0	
		09.98-	113448	28 100	09.98- 01.01	115514	24 4.0 A49	
					09.98-	111982	24 4.0	
		[OM900.918]	09.98-	112561	28 80	09.98-	114523	24 4.0
			09.98-	113448	28 100	09.98- 01.01	115514	24 4.0 A49
					09.98-	111982	24 4.0	
		[OM904.923]	09.98-	112561	28 80	09.98-	114523	24 4.0
			09.98-	113448	28 100	09.98- 01.01	115514	24 4.0 A49
					09.98-	111982	24 4.0	
	616 4.3	(615D, 616D)[OM904.923]	09.98-	112561	28 80			
09.98-			113351	28 100				
09.98-			113448	28 100	09.98-	115514	24 4.0 A49	
09.98-			115497	28 80 A49	09.98-	111982	24 4.0	
09.98-			115557	28 100 A49	09.98-	114523	24 4.0	
		[OM904.923]	09.98-	112561	28 80			
			09.98-	113351	28 100			
			09.98-	113448	28 100			
			09.98-	115497	28 80 A49	09.98-	111982	24 4.0
			09.98-	115557	28 100 A49	09.98-	114523	24 4.0
					09.98-	115514	24 4.0 A49	
709 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	110895	28 55				
		04.86- 02.01	112159	28 80	04.86- 02.01	110524	24 4.0	
		04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0	
		[OM364.912]	04.86- 12.94	110895	28 55			
			04.86- 12.94	112159	28 80	04.86-	110524	24 4.0
			04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		[OM364.921]	04.86- 12.94	110895	28 55			
			04.86- 12.94	112159	28 80	04.86-	110524	24 4.0
			04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
			04.86- 12.94	112159	28 80			
			04.86- 02.01	113920	28 35			
	711 4.0	(T2/LN1)[OM354.902]	06.94- 02.01	110895	28 55			
06.94- 02.01			112159	28 80				
06.94- 02.01			113920	28 35	06.94- 02.01	110524	24 4.0	
[OM354.903]			06.94- 02.01	110895	28 55			
			06.94- 02.01	112159	28 80			
			06.94- 02.01	113920	28 35	06.94-	110524	24 4.0
		[OM364.950]	04.86- 02.01	112159	28 80	04.86- 02.01	110524	24 4.0
			04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		[OM364.952]	04.86- 02.01	112159	28 80	04.86- 02.01	110524	24 4.0
			04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		[OM364.957]	04.86- 12.94	111154	14 65	02.92- 02.01	113979	24 4.0
			02.92- 02.01	113920	28 35	02.92- 02.01	110524	24 4.0
714 4.0	(T2/LN1)[OM354.923]	06.94- 02.01	110895	28 55				
		06.94- 02.01	112159	28 80				
		06.94- 02.01	113920	28 35	06.94- 02.01	110524	24 4.0	
		01.98- 02.01	112561	28 80				
	809 4.0	(T2/LN1)[OM364.906]	04.86- 02.01	110895	28 55			
			04.86- 02.01	112159	28 80	04.86- 02.01	110524	24 4.0
			04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
			11.86- 02.91	110906	28 30			
			[OM364.911]	03.86- 10.86	110113	28 27		
				04.86- 02.91	110895	28 55		
		04.86-	112159	28 80				
		04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0	
		11.86- 02.91	110906	28 30	04.86-	110524	24 4.0	
		[OM364.920]	04.86-	110895	28 55			
			04.86-	112159	28 80	04.86-	110524	24 4.0
			04.86- 12.94	113920	28 35	04.86- 12.94	113979	24 4.0
		11.86- 02.91	110906	28 30				
	[OM364.921]	04.86- 10.86	110113	28 27				
		11.86- 02.01	110895	28 55				
		11.86- 02.91	110906	28 30				
		02.92-	112159	28 80	04.86- 02.01	110524	24 4.0	
		02.92- 12.94	113920	28 35	02.92- 12.94	113979	24 4.0	
810 4.0	(T2/LN1)[OM354.903]	04.86- 02.01	113920	28 35	04.86- 11.10	113979	24 4.0	
		06.94- 02.01	110895	28 55				
		06.94- 02.01	112159	28 80				
		06.96- 02.01	112561	28 80				
		06.96- 02.01	113448	28 100				
					04.86- 02.01	110524	24 4.0	
811 4.0	(T2/LN1)[OM354.901]	04.86- 12.94	113920	28 35	04.86- 12.94	113979	24 4.0	
		06.94-	110895	28 55				
		06.94-	112159	28 80	04.86- 02.01	110524	24 4.0	
		[OM364.950]	04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
			03.96- 02.01	112561	28 80	04.86- 02.01	110524	24 4.0
			04.86- 02.01	113920	28 35	04.86- 02.01	113979	24 4.0
		[OM364.952]	03.96- 02.01	112561	28 80	04.86- 02.01	110524	24 4.0
			02.92-	110895	28 55	04.86- 02.01	110524	24 4.0
			02.92- 12.94	113920	28 35	04.86- 12.94	113979	24 4.0
			03.96-	112561	28 80			
	812 2.9	[OM602.984]	09.96-	111883	14 115			
			09.96-	111890	14 90	09.96-	111851	12 2.0
		[OM602.985]	09.96-	111883	14 115			
			09.96-	111890	14 90	09.96-	111851	12 2.0
812 4.3	[OM904.908]	09.96-	112561	28 80	09.96-	114523	24 4.0	
		09.96-	113448	28 100	09.96- 01.01	115514	24 4.0 A49	
					09.96-	111982	24 4.0	
		[OM904.923]						
					09.96-	114523	24 4.0	
					09.96- 01.01	115514	24 4.0 A49	
813 4.3	(813D, 814D)[OM904.908]	09.96-	112561	28 80				
		09.96-	113351	28 100				
		09.96-	113448	28 100				
		09.96-	115497	28 80 A49	09.96-	114523	24 4.0	
		09.96-	115557	28 100 A49	09.96-	115514	24 4.0 A49	
		[OM904.908]	09.96-	112561	28 80			
			09.96-	113351	28 100			
			09.96-	113448	28 100	09.96-	111982	24 4.0
			09.96-	115497	28 80 A49	09.96-	114523	24 4.0
			09.96-	115557	28 100 A49	09.96-	115514	24 4.0 A49



814 4.0	(T2/LN1)[OM354.924]	04.86-12.94	113920	28 35	04.86-12.94	113979	24 4.0	
		06.94-	110895	28 55	06.94-	110524	24 4.0	
	[OM354.925]	11.87-12.94	113920	28 35	11.87-12.94	113979	24 4.0	
		06.94-	110895	28 55	06.94-	110524	24 4.0	
	[OM364.981]	11.87-02.01	113920	28 35	11.87-02.01	113979	24 4.0	
					11.87-02.01	110524	24 4.0	
	[OM364.984]	01.91-12.94	113920	28 35	01.91-12.94	113979	24 4.0	
				01.91-	110524	24 4.0		
[OM364.986]	11.87-12.94	113920	28 35	11.87-12.94	113979	24 4.0		
				02.92-	110524	24 4.0		
[OM364.987]	02.92-12.94	113920	28 35	02.92-12.94	113979	24 4.0		
				02.92-	110524	24 4.0		
814 4.3	(813D, 814D)[OM904.917]	09.96-	112561	28 80	09.96-	114523	24 4.0	
		09.96-	113448	28 100	09.96-01.01	115514	24 4.0	A49
					09.96-	111982	24 4.0	
	[OM900.917]	09.96-	112561	28 80	09.96-	114523	24 4.0	
		09.96-	113448	28 100	09.96-01.01	115514	24 4.0	A49
					09.96-	111982	24 4.0	
	[OM904.908]	09.96-	112561	28 80	09.96-01.01	115514	24 4.0	A49
	09.96-	113448	28 100	09.96-	111982	24 4.0		
				09.96-	114523	24 4.0		
815 4.3	(815D, 816D)[OM900.918]	09.96-	112561	28 80	09.96-	115514	24 4.0	A49
		09.96-	113351	28 100				
		09.96-	113448	28 100				
		09.96-	115497	28 80				A49
		09.96-	115557	28 100				A49
					09.96-	111982	24 4.0	
					09.96-	114523	24 4.0	
	[OM900.918]	09.96-	112561	28 80	09.96-	114523	24 4.0	
		09.96-	113448	28 100	09.96-01.01	115514	24 4.0	A49
					09.96-	111982	24 4.0	
[OM904.923]	09.96-	112561	28 80	09.96-	111982	24 4.0		
	09.96-	113351	28 100					
	09.96-	113448	28 100					
	09.96-	115497	28 80				A49	
	09.96-	115557	28 100				A49	
				09.96-01.01	115514	24 4.0	A49	
816 4.3	(815D, 816D)[OM904.923]	09.96-	112561	28 80				
		09.96-	113351	28 100				
		09.96-	113448	28 100				
		09.96-	115497	28 80				A49
		09.96-	115557	28 100				A49
					09.96-	114523	24 4.0	
					09.96-	115514	24 4.0	A49
	[OM904.923]	09.96-	112561	28 80	09.96-	111982	24 4.0	
		09.96-	113351	28 100	09.96-	114523	24 4.0	
		09.96-	113448	28 100	09.96-	115514	24 4.0	A49
	09.96-	115497	28 80				A49	
	09.96-	115557	28 100				A49	
100 Bus 2.4 Diesel	(631)[OM616.963]	02.88-02.96	110358	14 55				
		02.88-02.96	111149	14 80	02.88-02.96	110368	12 2.3	
190 E 1.8	(201)[M102.910]	04.90-08.93	111354	14 70	04.90-08.93	111347	12 1.2	
190 E 2.0	(201)[M102.961]	10.82-08.86	110358	14 55				
		09.85-08.93	110923	14 55	10.82-05.85	110862	12 1.5	
		09.85-08.90	111093	14 70	06.85-12.86	111347	12 1.2	
		09.90-08.93	111354	14 70				
	[M102.962]	10.82-08.86	110358	14 55				
		01.85-08.93	110923	14 55				
	02.85-08.90	111093	14 70	10.82-12.86	110862	12 1.5		
	09.90-08.93	111354	14 70	02.85-08.93	111347	12 1.2		
190 E 2.3	(201)[M102.983]	PS 09.85-08.88	111093	14 70				
		PS 04.84-01.87	110923	14 55				
		PS 04.84-08.88	111093	14 70	04.84-05.85	110862	12 1.5	
		PS			06.85-08.88	111347	12 1.2	
	[M102.985]	09.86-08.93	110923	14 55				
		09.86-08.90	111093	14 70				
	09.90-08.93	111354	14 70	09.86-08.93	111347	12 1.2		
190 E 2.5	(201)[M102.990]	PS 09.88-08.93	111093	14 70	09.88-08.93	111347	12 1.2	
		PS 09.88-08.93	110923	14 55				
		PS 09.88-08.93	111093	14 70				
	[M102.991]	03.89-08.93	110923	14 55				
	03.89-08.93	111093	14 70	03.89-08.93	111347	12 1.2		
190 E 2.5 Evolution II	(201)[M102.992]	PS 05.90-08.93	111354	14 70	05.90-08.93	111347	12 1.2	
		PS 03.89-04.90	110923	14 55				
		PS 05.90-08.93	111093	14 70				
190 E 2.6	(201)[M103.942]	09.86-12.89	111093	14 70				
		09.86-12.89	112734	14 80				
		01.90-08.93	111354	14 70				
200 E 2.0	(124)[M102.962]	09.88-12.89	110923	14 55				
		09.88-12.89	111093	14 70	09.88-12.89	111347	12 1.2	
	[M102.963]	12.84-08.92	110923	14 55				
		04.85-08.92	111093	14 70	09.88-08.92	111347	12 1.2	
	10.92-06.93	111354	14 70					
	10.92-06.93	111369	14 90	10.92-06.93	111347	12 1.2		
200 GE 2.0	(W463)[M102.965]				01.90-07.93	110862	12 1.5	
220 CE 2.2	(124)[M111.960]	10.92-05.93	111354	14 70				
		10.92-05.93	111369	14 90	10.92-05.93	111347	12 1.2	
220 E 2.2	(124)[M111.960]	10.92-06.93	111354	14 70				
		10.92-06.93	111369	14 90	10.92-06.93	111347	12 1.2	
230 C 2.3	(123)[M115.954]	02.76-03.81	110358	14 55				
230 CE 2.3	(123)[M102.980]	04.80-12.85	110358	14 55	04.80-12.85	110862	12 1.5	
	(124)[M102.982]	AT, Eng. -190930	03.87-12.92	110923				
		Eng. 178859-	03.87-12.92	111354				
		Eng. 178859-	03.87-12.92	110923	03.87-12.92	111347	12 1.2	
	Eng. 178859-	03.87-12.92	111093					
230 E 2.3	(123)[M102.980]	04.80-12.85	110358	14 55	04.80-12.85	110862	12 1.5	
	(124)[M102.982]	AT, Eng. 190931-	12.84-08.92	111354				
		Eng. 178859-	01.85-06.93	111354				
		Eng. 178859-	12.84-06.93	110923	12.84-06.93	111347	12 1.2	
		Eng. 178859-	01.85-06.93	111093				
230 G 2.3	(460)[M115.973]	03.79-05.80	110358	14 55	01.82-07.93	110862	12 1.5	

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	(W460)	02.80- 07.87	110358	14	55		02.80- 07.87	110862	12	1.5
230 GE 2.3	(460)[M102.979]						05.87- 08.92	110862	12	1.5
	[M102.981]						04.82- 08.85	110862	12	1.5
	[M102.987]						04.82- 08.92	110862	12	1.5
	[M102.989]						04.82- 08.92	110862	12	1.5
	(461)[M102.979]						02.93- 08.93	110862	12	1.5
							02.93-	111065	12	2.2
	[M102.996]						06.93-	110862	12	1.5
	[M102.997]						06.93-	110862	12	1.5
	(463)[M102.989]						06.90- 06.93	110862	12	1.5
							09.93-	111065	12	2.2
	(W460)						07.82- 05.93	110862	12	1.5
230.4 2.3	(115)[M115.951]	07.73- 12.77	110358	14	55					
230.6 2.3	(114)[M180.954]	01.68- 11.76	110358	14	55					
240 G 2.4 Diesel	(460)[OM616.936]	03.79- 05.80	110358	14	55		03.79- 08.87	110368	12	2.3
240 GD 2.4 Diesel	(W460)	03.79- 08.89	110358	14	55		03.79- 08.89	110368	12	2.3
250 C 2.9	(114)[M130.923]	08.73- 11.76	110358	14	55					
250 G 2.5 Diesel	(460)[OM602.930]						10.87- 12.92	114319	24	2.5
	(463)[OM602.931]						09.89-	111065	12	2.2
							06.90-	114319	24	2.5
250 GD 2.5 Diesel	(W460)						10.87- 10.91	114319	24	2.5
							10.87- 10.91	110862	12	1.5
260 E 2.6	(124)[M103.940]	09.85- 12.89	111093	14	70					
		09.86- 08.89	112734	14	80					
		01.90- 08.92	111354	14	70					
260 E 2.6 4 Matic	(124)[M103.940]	12.86- 12.89	111093	14	70					
		12.86- 08.89	112734	14	80					
	[M103.943]	09.86- 12.89	111093	14	70					
		09.86- 08.89	112734	14	80					
		01.90- 08.92	111354	14	70					
260 SE 2.5	(126)[M103.941]	09.85- 06.91	112734	14	80					
280 C 2.7	(114)[M110.921]	06.72- 02.77	110358	14	55					
	(123)[M110.923]	02.76- 11.85	110358	14	55					
280 CE 2.7	(114)[M110.981]	06.72- 01.77	110358	14	55					
	(123)[M110.988]	02.76- 11.85	110358	14	55					
280 E 2.7	(114)[M110.981]	06.72- 11.76	110358	14	55					
	(123)[M110.984]	02.76- 11.85	110358	14	55					
	[M110.988]	02.76- 11.85	110358	14	55					
280 E 2.8	(123)[M110.988]	02.76- 11.85	110358	14	55					
	(124)[M104.942]	10.92- 06.93	111369	14	90					
280 GE 2.7	(460)[M110.994]	11.79- 05.80	110358	14	55					
280 GE 2.8	(W460)	11.79- 06.82	110358	14	55					
280 S 2.7	(116)[M110.922]	08.72- 07.80	110358	14	55					
	(126)[M110.924]	08.82- 07.85	111149	14	80					
	[M110.926]	08.82- 07.85	111149	14	80					
280 SE 2.7	(116)[M110.983]	08.72- 07.76	110358	14	55					
	[M110.985]	08.72- 07.80	110358	14	55					
	(126)[M110.987]	08.82- 07.85	111149	14	80					
	[M110.989]	08.82- 07.85	111149	14	80					
280 SEL 2.7	(116)[M110.983]	08.72- 07.76	110358	14	55					
	[M110.985]	08.76- 07.80	110358	14	55					
	(126)[M110.987]	08.82- 07.85	111149	14	80					
	[M110.989]	08.82- 07.85	111149	14	80					
280 SL 2.7	(107)[M110.982]	08.74- 11.80	110358	14	55					
	[M110.986]	08.74- 11.80	110358	14	55					
	[M110.990]	08.74- 11.80	110358	14	55					
280 SLC 2.8	(107)[M110.982]	08.74- 09.81	110358	14	55					
	[M110.986]	08.74- 09.81	110358	14	55					
	[M110.990]	08.74- 09.81	110358	14	55					
280 TE 2.8	(124)[M104.942]	10.92- 06.93	111369	14	90					
290 G 2.9 TD	(461)[OM602.983]	07.97-	111890	14	90		07.97-	114319	24	2.5
							04.92-	111065	12	2.2
300 C 2.9 TD	(123)[OM617.952]	09.81- 07.85	110358	14	55		09.81- 07.85	110368	12	2.3
300 E 2.9	(124)[M103.980]	01.85- 12.85	111093	14	70		01.85- 05.85	110862	12	1.5
300 E 3.0	(124)[M103.983]	06.85- 12.89	111093	14	70					
		09.86- 08.89	112734	14	80					
		09.89- 08.92	111354	14	70					
300 E 3.0 4 Matic	(124)[M103.983]	09.86- 12.89	111093	14	70					
		09.86- 08.89	112734	14	80					
		01.90- 02.92	111354	14	70					
	[M103.985]	09.86- 12.89	111093	14	70					
		09.86- 08.89	112734	14	80					
		01.90- 06.93	111354	14	70					
300 E-24 3.0	(W124)[M104.980]	09.88- 08.92	112734	14	80					
300 G 3.0 Diesel	(460)[OM603.912]						09.89- 07.93	111065	12	2.2
	[OM617.931]	12.79- 05.80	110358	14	55		12.79- 12.91	110368	12	2.3
	(463)[OM603.931]						09.89-	111065	12	2.2
							09.89- 09.97	114319	24	2.5
300 GD 3.0 Diesel	(W460)	11.79- 08.89	110358	14	55		11.79- 08.89	110368	12	2.3
300 GE 3.0	(463)[M103.987]	08.90- 08.93	111149	14	80		09.89-	111065	12	2.2
							06.90- 08.93	110862	12	1.5
300 SE 2.9	(126)[M103.981]	09.85- 06.91	112734	14	80					
300 SEL 2.9	(126)[M103.981]	06.85- 06.91	112734	14	80					
300 SEL 3.2	(140)[M104.994]	05.93- 10.98	112194	14	120					
300 SL 2.9	(107)[M103.982]	09.85- 08.89	111093	14	70					
300 SL 3.0	(129)[M103.984]	03.89- 08.93	112530	14	120					
320 CE 3.2	(124)[M104.992]	10.92- 05.93	111369	14	90					
320 E 3.2	(124)[M104.992]	10.92- 06.93	111369	14	90					
350 G 3.4 TD	(463)[OM603.972]	09.91- 09.97	113768	14	95					
		09.91- 10.02	116129	14	90	A49				
		07.94- 06.96	112529	14	90					
350 SE 3.5	(116)[M116.983]	08.72- 02.76	110358	14	55					
	[M116.985]	08.74- 04.80	110358	14	55					
350 SEL 3.5	(116)[M116.983]	08.72- 02.76	110358	14	55					
	[M116.985]	08.74- 04.80	110358	14	55					
350 SL 3.5	(107)[M116.982]	05.71- 02.80	110358	14	55					
	[M116.984]	05.71- 02.80	110358	14	55					



350 SLC 3.5	(107)[M116.982]	01.72- 02.80	110358	14	55				
	[M116.984]	01.72- 02.80	110358	14	55				
380 SE 3.8	(126)[M116.961]	01.82- 08.85	111149	14	80				
	[M116.963]	01.82- 08.85	111149	14	80				
380 SEC 3.8	(126)[M116.963]	01.82- 07.85	111149	14	80				
380 SEL 3.8	(126)[M116.961]	01.82- 08.85	111149	14	80				
	[M116.963]	01.82- 08.85	111149	14	80				
380 SL 3.8	(107)[M116.962]	08.82- 08.85	111149	14	80				
400 SE 4.2	(140)[M119.971]	02.91- 05.93	111850	14	143				
400 SEL 4.2	(140)[M119.971]	06.93- 09.95	111850	14	143				
406F 2.2 Diesel	(T2/L)[OM615.910]					01.68- 12.74	110775	12	1.8
420 SE 4.2	(126)[M116.965]	09.85- 06.91	111149	14	80				
420 SEC 4.2	(126)[M116.965]	10.85- 06.91	111149	14	80				
420 SEL 4.2	(126)[M116.965]	09.85- 06.91	111149	14	80				
450 SE 4.5	(116)[M117.983]	08.74- 11.75	110358	14	55				
	[M117.986]	12.75- 04.80	110358	14	55				
450 SEL 4.5	(116)[M117.983]	08.74- 11.75	110358	14	55				
	[M117.986]	12.75- 04.80	110358	14	55				
450 SEL 6.9	(116)[M100.985]	07.75- 03.80	110358	14	55				
450 SL 4.5	(107)[M117.982]	08.74- 10.80	110358	14	55				
	[M117.985]	08.74- 10.80	110358	14	55				
450 SLC 4.5	(107)[M117.982]	01.73- 08.79	110358	14	55				
	[M117.985]	01.73- 08.79	110358	14	55				
450 SLC 5.0	(107)[M117.960]	06.78- 02.80	110358	14	55				
500 SE 4.9	(126)[M117.961]	01.82- 08.85	111149	14	80				
	[M117.963]	01.82- 08.85	111149	14	80				
	[M117.965]	09.85- 06.91	111149	14	80				
500 SE 5.0	(126)[M117.965]	09.85- 06.91	111149	14	80				
	(140)[M119.970]	02.91- 05.93	111850	14	143				
500 SEC 4.9	(126)[M117.963]	08.82- 08.85	111149	14	80				
	[M117.965]	09.85- 06.91	111149	14	80				
500 SEC 5.0	(126)[M117.965]	01.82- 06.91	111149	14	80				
500 SEL 5.0	(126)[M117.961]	01.82- 08.85	111149	14	80				
	[M117.963]	01.82- 08.85	111149	14	80				
	[M117.965]	09.85- 06.91	111149	14	80				
	(140)[M119.970]	02.91- 05.93	111850	14	143				
500 SL 4.9	(107)[M117.960]	01.82- 12.85	111149	14	80				
500 SL 5.0	(129)[M119.960]	09.92- 06.93	111850	14	143				
	[M119.972]	09.92- 06.93	111850	14	143				
560 SE 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80				
560 SEC 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80				
560 SEL 5.5	(126)[M117.968]	10.85- 06.91	111149	14	80				
600 SE 6.0	(140)[M120.980]	04.91- 12.92	111850	14	143				
	[M120.982]	Eng. 025950- 04.91- 12.92	111850	14	143				
600 SEL 6.0	(140)[M120.980]	Eng. 025950- 04.91- 12.92	111850	14	143				
	[M120.982]	Eng. 025950- 04.91- 12.92	111850	14	143				
63 AMG 5.5	(C218)[M157.981]					01.11-	116002	12	1.7
	(R231)[M157.983]					09.03-	116002	12	1.7
63 AMG 5.5 Shooting Brake	(X218)[M157.981]					10.12-	116002	12	1.7
A 140 1.4	(168)[M166.940]	07.97-	111967	14	90	07.97-	111931	12	1.1
A 140 1.6	(168)[M166.960]	01.01-	111967	14	90	01.01- 08.04	116303	12	0.8
						01.01-	111931	12	1.1
						01.01- 08.04	113756	12	0.8 A49
A 150 1.5	(169)[M266.920]	09.04-	115418	14	90				
A 160 1.5	(W169)[M266.920]	A25 04.09-	114046	14	130				
		A25 04.09-	114699	14	115				
		A25 04.09-	115418	14	90				
A 160 1.5 CDI	(W176)[OM607.951]					06.13-	115607	12	1.7
A 160 1.6	(168)[M166.960]	07.97-	111967	14	90	07.97-	111931	12	1.1
	(W176)[M270.910]					07.15-	115589	12	1.7
A 160 1.7 CDI	(168)[OM668.940]	02.01-	113251	14	150				
	[OM668.941]	07.98-	111943	14	90				
A 160 2.0 CDI	(169)[OM640.942]	09.04-	114042	14	180 A49				
		09.04-	114130	14	150 A49				
		09.04-	116069	14	150	09.04-	113756	12	0.8 A49
		09.04-	116113	14	180	09.04-	116303	12	0.8
A 170 1.7	(169)[M266.940]	09.04-	115418	14	90	09.04-	111931	12	1.1
	(W169)[M266.940]	A25 04.09-	114046	14	130				
		A25 04.09-	114699	14	115				
		A25 04.09-	115418	14	90				
A 170 1.7 CDI	(168)[OM668.940]	07.98-	111943	14	90				
		07.98- 02.01	113251	14	150				
	[OM668.942]	02.01-	113251	14	150				
A 180 1.5 CDI	(W176)[OM607.951]					06.12-	115607	12	1.7
A 180 1.6	(W176)[M270.910]					06.12-	115589	12	1.7
A 180 1.8 CDI	(W176)[OM651.901]	06.12-	115759	14	150	06.12-	115607	12	1.7
A 180 2.0 CDI	(169)[OM640.940]	09.04-	114042	14	180 A49				
		09.04-	114130	14	150 A49				
		09.04-	116069	14	150				
		09.04-	116113	14	180				
A 190 1.9	(168)[M166.990]	04.99- 08.04	111943	14	90	03.99- 08.04	116303	12	0.8
						w/Code 049 - Engine ECU Siemens MSM2	114525	12	1.3 A49
						03.99-	111931	12	1.1
						03.99- 08.04	113756	12	0.8 A49
A 200 1.6	(W176)[M270.910]					06.12-	115589	12	1.7
A 200 1.8 CDI	(W176)[OM651.901]	06.12-	115759	14	150	06.12-	115607	12	1.7
A 200 2.0	(169)[M266.960]	09.04-	114699	14	115				
A 200 2.0 Turbo	(169)[M266.980]	09.05-	114699	14	115				
A 200 2.0 CDI	(169)[OM640.941]	09.04-	114042	14	180 A49				
		09.04-	114130	14	150 A49				
		09.04-	116069	14	150				
		09.04-	116113	14	180				
	(W169)[OM640.941]	09.04- 06.12	114130	14	150				
		09.04- 06.12	116069	14	150				
A 200 2.1 CDI	(W176)[OM651.930]	02.14-	115759	14	150	02.14-	115607	12	1.7

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



C 200 1.8 CGI	(W204)[M271.820]		01.07-	115810	14 120	01.07-	113513	12 1.1			
			01.07-	116099*	14 120	01.07-	115771	12			
C 200 1.8 CGI Kompressor	(203)[M271.942]		03.03- 05.08	116322*	14 120	09.02-	113513	12 1.1			
			07.03-	113877	14 120 A49						
C 200 2.0	(202)[M111.941]	AT, Eng. -000007 AT, Eng. 000008 Eng. -000007 Eng. 000008 Eng. 000008 Eng. 000008 Eng. 000008	06.96-	111354	14 70						
			06.96-	111369	14 90						
			06.96-	111354	14 70						
			06.96-	111369	14 90						
			01.94- 04.00	111354	14 70						
			01.94- 04.00	111369	14 90						
			01.94- 04.00	112530	14 120	01.94- 04.00	111347	12 1.2			
			[M111.944]	11.96-	112529	14 90					
				11.96- 03.01	113768	14 95					
				11.96- 03.01	116129	14 90 A49	11.96-	111347	12 1.2		
			[M111.945]	AT, Eng. -000007 AT, Eng. 000008 Eng. -000007 Eng. 000008 Eng. 000008 Eng. 000008 Eng. 000008	06.96-	111354	14 70				
					06.96-	111369	14 90				
					06.96-	111354	14 70				
					06.96-	111369	14 90				
					01.94-	111354	14 70				
01.94-	111369	14 90									
01.94-	112530	14 120			01.94-	111347	12 1.2				
C 200 2.0 Kompressor	(202)[M111.944]		10.95-	112529	14 90						
			10.95- 05.00	116129	14 90 A49	10.95-	111347	12 1.2			
			11.96- 05.00	113768	14 95						
			[M111.956]	09.00- 02.01	112529	14 90					
				09.00- 03.01	113768	14 95					
			(203)[M111.955]		09.00- 03.01	116129	14 90 A49	09.00- 02.01	111347	12 1.2	
C 200 2.0 CDI	(202)[OM611.960]		03.98-	112197	14 115						
			03.98- 05.00	113889	14 90						
C 200 2.0 Diesel	(202)[OM601.913]		03.98- 05.00	115485	14 90 A49	03.98-	111851	12 2.0			
			03.93- 08.95	111354	14 70						
C 200 2.1 CDI	(203)[OM611.962]		03.93- 08.95	112529	14 90						
			03.93- 05.00	116129	14 90 A49	02.94- 08.95	111851	12 2.0			
			[OM604.915]	AT, Eng. -000002	10.96-	112529	14 90				
				AT, Eng. -000002	01.94-	111369	14 90				
				AT, Eng. -000002	10.96-	111354	14 70				
			[OM646.962]	AT, Eng. -000002	10.96- 05.00	116129	14 90 A49				
					09.00- 02.03	113772	14 190	09.00-	111851	12 2.0	
					03.01-	112428	14 150				
					03.01-	113953	14 200				
					03.01-	115673	14 150 A49				
02.01-	112428	14 150									
02.01-	113953	14 200									
(204)[OM646.811]		02.01-	115673	14 150 A49	02.01-	111851	12 2.0				
[OM646.812]	[S204][OM646.811]		01.07-	114666	14 180	01.07-	115512	12 1.7 A49			
						01.07-	114093	12 1.7			
			01.07-	114666	14 180	01.07-	115512	12 1.7 A49			
						01.07-	114093	12 1.7			
			08.07-	114666	14 180	08.07-	115512	12 1.7 A49			
						08.07-	114093	12 1.7			
			[OM651.913]	08.10-	115437	14 180					
				08.10-	115988	14 150	08.10-	114305	12 1.7		
				08.10-	116185	14 150	A25 08.10-	114742	12 1.8		
			(W204)[OM651.913]			01.11-	114876	14 180 A49	A25 01.11-	114742	12 1.8
						01.11-	115437	14 180	01.11-	114305	12 1.7
01.11-	115988	14 150									
01.11-	116185	14 150									
01.11-	116309	14 180									
C 200 2.2 CDI	(202)[OM611.960]	Eng. 007601-	03.98-	112197	14 115						
			Eng. 007601-	03.98- 03.01	113889	14 90					
			Eng. 007601-	03.98- 03.01	115485	14 90 A49	03.98-	111851	12 2.0		
(203)[OM646.962]		04.03-	113953	14 200	04.03-	111851	12 2.0				
C 200 2.2 Diesel	(S205)[OM651.921]		10.15-	116142*	14 220	10.15-	114742	12 1.8			
			10.15-	116142*	14 220	10.15-	114742	12 1.8			
C 220 2.1 BlueTec	(W205)[OM651.921]		12.13-	116142*	14 220	12.13-	114742	12 1.8			
C 220 2.1 CDI	(203)[OM611.962]		05.00- 05.08	113772	14 190						
			03.01-	112428	14 150						
			03.01- 05.08	115673	14 150 A49	05.00-	111851	12 2.0			
			(204)[OM646.811]		01.07-	114666	14 180	01.07-	115512	12 1.7 A49	
								01.07-	114093	12 1.7	
			(C204)[OM651.911]	06.11-	115437	14 180					
				06.11-	115988	14 150					
				06.11-	116185	14 150	A25 06.11-	114742	12 1.8		
			(CL203)[OM611.962]		03.01- 06.11	113772	14 190	03.01- 06.11	112440	12 2.2	
			(S204)[OM646.811]		08.07-	114666	14 180	08.07-	115512	12 1.7 A49	
								08.07-	114093	12 1.7	
			[OM651.911]		01.07-	114666	14 180	01.07-	115512	12 1.7 A49	
								01.07-	114093	12 1.7	
			(W203)[OM611.962]		05.00- 02.07	113772	14 190	05.00- 02.07	112440	12 2.2	
			(W204)[OM646.811]		01.07-	114666	14 180	01.07-	115512	12 1.7 A49	
					01.07-	114093	12 1.7				
[OM651.911]			01.07-	114876	14 180 A49						
			01.07-	115437	14 180						
			01.07-	115988	14 150	01.07-	114305	12 1.7			
			01.07-	116309	14 180						
			12.08-	116185	14 150	A25 01.07-	114742	12 1.8			
C 220 2.1 CDI 4-matic	(S204)[OM651.912]					02.13-	114305	12 1.7			
						02.13-	114742	12 1.8			
(W204)[OM651.912]					02.13-	114305	12 1.7				
					02.13-	114742	12 1.8				



Application list

MERCEDES-BENZ *Continued*

C 220 2.1 CDI T-Model	(S204)[OM651.911]	12.08-	114876	14 180 A49				
		12.08-	115437	14 180				
		12.08-	115988	14 150				
		12.08-	116185	14 150	12.08-	114305	12 1.7	
		12.08-	116309	14 180	12.08-	114742	12 1.8	
C 220 2.1 Diesel	(A205)[OM651.921]	06.16-	116142*	14 220	06.16-	114742	12 1.8	
C 220 2.2	(202)[M111.961]	03.93- 09.96	111354	14 70				
		03.93-	111369	14 90				
		03.93- 09.96	112530	14 120	03.93- 09.96	111347	12 1.2	
C 220 2.2 CDI	(202)[OM611.96 0]	Eng. 007601- 09.97-	112197	14 115				
		Eng. 007601- 09.97- 03.01	113889	14 90				
		Eng. 007601- 12.97- 03.01	115485	14 90 A49	09.97-	111851	12 2.0	
		(203)[OM646.963]	02.04-	113953	14 200	02.04-	114093	12 1.7
		(S203)[OM646.963]	08.06-	110895	28 55			
		(S204)[OM651.911]	01.09-	115437	14 180			
			01.09-	115988	14 150	01.09-	114305	12 1.7
C 220 2.2 Diesel	(202)[OM604.91 0]	A33 05.96- 06.99	112529	14 90				
		AT, Eng. -000842 05.96-	111354	14 70				
		Eng. -003820 05.96-	111354	14 70				
		Eng. -003820 08.93- 06.99	111354	14 70				
		Eng. -003820 08.93- 06.99	111890	14 90				
		Eng. -003820 08.93- 06.99	112529	14 90	08.93- 05.94	111065	12 2.2	
		Eng. -003820 08.93- 03.01	116129	14 90 A49	02.94- 06.99	111851	12 2.0	
		(A205)[OM651.921]	06.16-	116142*	14 220	06.16-	114742	12 1.8
		(C205)[OM651.921]	10.15-	116142*	14 220	10.15-	114742	12 1.8
		(A205)[OM651.921]	06.16-	116142*	14 220	06.16-	114742	12 1.8
C 220 2.2 Diesel 4-Matic	(C205)[OM651.921]	04.16-	116142*	14 220	04.16-	114742	12 1.8	
		04.15-	116142*	14 220	04.15-	114742	12 1.8	
		(W205)[OM651.921]	04.15-	116142*	14 220	04.15-	114742	12 1.8
		(S205)[OM651.921]	09.14-	116142*	14 220	09.14-	114742	12 1.8
C 220 2.2 Diesel BlueTec	(S205)[OM651.921]	09.14-	116142*	14 220	09.14-	114742	12 1.8	
C 230 1.8 Kompressor	(203)[M271.948]	05.02-	113877	14 120 A49				
		05.02- 05.08	116322*	14 120	02.04-	113513	12 1.1	
C 230 2.3	(202)[M111.974]	06.96- 06.98	111369	14 90				
		06.96- 06.98	112530	14 120	06.96-	111347	12 1.2	
C 230 2.3 Kompressor	(202)[M111.975]	AT 10.95-	112529	14 90				
		AT 09.95- 02.01	112529	14 90				
		AT 10.95- 09.00	113768	14 95				
		AT 10.95- 09.00	116129	14 90 A49	10.95-	111347	12 1.2	
		(203)[M111.981]	03.01-	113300	14 120	03.01-	111347	12 1.2
C 230 2.5	(203)[M272.920]	01.05- 05.08	115905	14 150	RHD 01.05-	114178	12 1.4	
		(204)[M272.921]	01.07-	115905	14 150	RHD 01.07-	115825	12 1.1
						RHD 01.07-	114178	12 1.4
						RHD 08.07-	115825	12 1.1
		(S204)[M272.921]	08.07-	115905	14 150	RHD 08.07-	114178	12 1.4
C 230 2.5 4 Matic	(W204)[M272.911]	07.07-	115905	14 150	RHD 07.07-	115825	12 1.1	
					RHD 07.07-	114178	12 1.4	
C 240 2.4	(202)[M112.910]	06.97-	111902	14 115				
		06.97-	113302	14 120	06.97-	111768*	12 1.7	
		06.97- 05.00	113835	14 120	06.97-	113282	12 1.4	
C 240 2.6	(202)[M112.915]	09.00- 03.01	111902	14 115	09.00- 03.01	113282	12 1.4	
					09.00- 03.01	111768*	12 1.7	
		(203)[M112.912]	05.00-	113302	14 120	05.00-	113282	12 1.4
C 240 2.6 4 Matic	(203)[M112.916]				09.02-	113282	12 1.4	
C 250 1.8	(C204)[M271.860]	06.11-	115810	14 120	06.11-	115771	12	
					06.11-	113513	12 1.1	
C 250 1.8 CGI	(S204)[M271.860]	07.09-	115810	14 120	07.09-	113276	12 1.1	
		07.09-	116099*	14 120	07.09-	115771	12	
C 250 1.8 CGI	(W204)[M271.860]	07.09-	115810	14 120	07.09-	113513	12 1.1	
		07.09-	116099*	14 120	07.09-	115771	12	
C 250 2.1 BlueTec	(S205)[OM651.921]	09.14-	116142*	14 220	09.14-	114742	12 1.8	
		(W205)[OM651.921]	02.14-	116142*	14 220	02.14-	114742	12 1.8
C 250 2.1 BlueTEC 4-matic	(W205)[OM651.921]	02.14-	116142*	14 220	02.14-	114742	12 1.8	
C 250 2.1 CDI	(C204)[OM651.911]	06.11-	115437	14 180				
		06.11-	115988	14 150	06.11-	114305	12 1.7	
		06.11-	116185	14 150	06.11-	114742	12 1.8	
		(W204)[OM651.911]	08.08-	114876	14 180 A49			
			08.08-	115988	14 150			
			08.08-	116185	14 150	08.08-	114305	12 1.7
			08.08-	116309	14 180	08.08-	114742	12 1.8
C 250 2.1 CDI 4-matic	(S204)[OM651.912]	04.10-	115580	14 180	A25 04.10-	114742	12 1.8	
					04.10-	114305	12 1.7	
	(W204)[OM651.912]	01.11-	115580	14 180	A25 01.11-	114742	12 1.8	
					01.11-	114305	12 1.7	
C 250 2.2 Diesel	(A205)[OM651.921]	06.16-	116142*	14 220	06.16-	114742	12 1.8	
		(C205)[OM651.921]	10.15-	116142*	14 220	10.15-	114742	12 1.8
C 250 2.2 Diesel 4-Matic	(C205)[OM651.921]	04.16-	116142*	14 220	04.16-	114742	12 1.8	
		(S205)[OM651.921]	10.14-	116142*	14 220	10.14-	114742	12 1.8
C 250 2.5 Diesel	(202)[OM605.910]	05.93- 08.95	111354	14 70				
		05.93- 08.95	112529	14 90				
		05.93- 05.00	116129	14 90 A49	05.93- 08.95	111851	12 2.0	
C 250 2.5 TD	(202)[OM605.96 0]	AT, Eng. -005789 06.96-	112529	14 90				
		AT, Eng. -017598 06.96-	112529	14 90				
		AT, Eng. -017598 05.93- 02.01	112529	14 90				
		AT, Eng. -017598 10.95- 03.01	113768	14 95				
		AT, Eng. -017598 10.95- 03.01	116129	14 90 A49	12.95-	111851	12 2.0	
C 270 2.7 CDI	(203)[OM612.962]	03.01-	112428	14 150				
		03.01-	115673	14 150 A49	12.00-	111851	12 2.0	
		04.01-	113772	14 190	12.00-	112440	12 2.2	
C 270 2.8 CDI	(S203)[OM612.962]	03.01- 08.07	113772	14 190	03.01- 08.07	112440	12 2.2	
		(W203)[OM612.962]	12.00- 02.07	113772	14 190	12.00- 02.07	112440	12 2.2



C 280 2.8	(202)[M104.941]	AT, Eng. 079896- 05.93- 05.97	112530	14	120								
		Eng. 006763- 05.93- 05.97	112530	14	120								
		Eng. 006763- 05.93- 05.97	111369	14	90								
		Eng. 006763- 05.93- 05.97	112530	14	120								
C 280 3.0	(203)[M272.940]	01.05-	115905	14	150	RHD	01.05-	114178	12	1.4			
		01.07-	115905	14	150		RHD	01.07-	115825	12	1.1		
		06.97- 03.01	113835	14	120			RHD	01.07-	114178	12	1.4	
		06.97- 02.01	111902	14	115				06.97-	111768*	12	1.7	
C 280 3.0 4 Matic	(203)[M272.941]	01.05-	115905	14	150								
		07.07-	115905	14	150								
		06.97- 02.01	113302	14	120				06.97-	113282	12	1.4	
		06.97- 03.01	113835	14	120								
C 30 AMG 3.0 CDI	(203)[OM612.990]	09.02-	112425	14	150								
		01.05-	115905	14	150	RHD	01.05-	114178	12	1.4			
		07.07-	115905	14	150								
		07.07-	115905	14	150				RHD	07.07-	115825	12	1.1
C 300 2.1 Hybrid BlueTec	(W204)[M272.948]	08.07-	115905	14	150								
		07.07-	115905	14	150								
		08.07-	115905	14	150				RHD	07.07-	114178	12	1.4
		07.07-	115905	14	150				RHD	07.07-	115825	12	1.1
C 300 2.2 Hybrid BlueTEC Hybrid	(W204)[M272.947]	07.09-	115905	14	150								
		07.07-	116171	14	150								
		01.11-	114042	14	180 A49								
		01.11-	116113	14	180								
C 300 3.0	(W204)[M272.947]	07.09-	115905	14	150								
		07.07-	116171	14	150								
		01.11-	114042	14	180 A49								
		01.11-	116113	14	180								
C 300 3.0 4-Matic	(W204)[M272.948]	07.07-	116171	14	150								
		01.11-	114042	14	180 A49								
		01.11-	116113	14	180								
		01.11-	116113	14	180								
C 300 3.0 CDI 4-matic	(W204)[OM642.832]	01.11-	114042	14	180 A49								
		01.11-	116113	14	180								
		01.11-	116113	14	180								
		01.11-	116113	14	180								
C 300 3.5	(W204)[M276.957]	08.07-	114042	14	180 A49								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
C 300 3.5 4-matic	(W204)[M276.957]	08.07-	114042	14	180 A49								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
C 32 AMG 3.2	(203)[M112.961]	02.01-	113302	14	120								
		05.02-	113835	14	120								
		02.01-	113302	14	120								
		05.02- 05.08	113835	14	120								
C 32 AMG 3.2 Kompressor	(203)[M112.961]	05.02-	113835	14	120								
		03.01-	113282	12	1.4								
		01.05-	114042	14	180 A49								
		01.05-	114042	14	180								
C 320 3.0 CDI	(203)[OM642.910]	01.05-	114042	14	180 A49								
		01.05-	116113	14	180								
		01.07-	114042	14	180 A49								
		01.07-	116113	14	180								
C 320 3.0 CDI 4 Matic	(S204)[OM642.960]	08.07-	114042	14	180								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
C 320 3.0 CDI 4 Matic	(S204)[OM642.961]	08.07-	114042	14	180 A49								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
		08.07-	116113	14	180								
C 320 3.2	(203)[M112.946]	05.00-	113302	14	120								
		05.00-	113302	14	120								
		05.00-	113302	14	120								
		05.00-	113302	14	120								
C 320 3.2 4 Matic	(203)[M112.953]	09.02-	113282	12	1.4								
		09.02-	113282	12	1.4								
		09.02-	113282	12	1.4								
		09.02-	113282	12	1.4								
C 320 C 3.2	(203)[M112.946]	09.02-	113302	14	120								
		09.02-	113302	14	120								
		09.02-	113302	14	120								
		09.02-	113302	14	120								
C 350 3.0 CDI	(S204)[OM642.834]	06.11-	115924	14	180								
		06.11-	115924	14	180								
		06.11-	115924	14	180								
		06.11-	115924	14	180								
C 350 3.0 CDI	(W204)[OM642.834]	06.11-	115924	14	180								
		06.11-	115924	14	180								
		06.11-	115924	14	180								
		06.11-	115924	14	180								
C 350 3.5	(203)[M272.960]	01.05-	115905	14	150								
		01.07-	115905	14	150								
		01.05-	115905	14	150								
		01.07-	115905	14	150								
C 350 3.5	(204)[M272.961]	01.05-	115905	14	150								
		01.07-	115905	14	150								
		01.05-	115905	14	150								
		01.07-	115905	14	150								
C 350 3.5	(C204)[M276.957]	06.11-	115734	12	2.0								
		06.11-	115734	12	2.0								
		06.11-	115734	12	2.0								
		06.11-	115734	12	2.0								
C 350 3.5	(S204)[M272.961]	08.07-	115905	14	150								
		08.07-	115905	14	150								
		08.07-	115905	14	150								
		08.07-	115905	14	150								
C 350 3.5	(W204)[M276.957]	01.11-	115770	12	1.1								
		01.11-	114093	12	1.7								
		01.11-	115512	12	1.7								
		01.11-	115734	12	2.0								
C 350 3.5 4 Matic	(203)[M272.960]	01.05-	115905	14	150								
		01.07-	115905	14	150								
		01.05-	115905	14	150								
		01.07-	115905	14	150								
C 350 3.5 4 Matic	(M272.970)	01.05-	115905	14	150								
		01.07-	115905	14	150								
		01.05-	115905	14	150								
		01.07-	115905	14	150								
C 350 3.5 4-matic CGI	(W204)[M272.971]	07.07-	116171	14	150								
		07.07-	116171	14	150								
		07.07-	116171	14	150								
		07.07-	116171	14	150								
C 350 3.5 CGI	(S204)[M276.957]	06.11-	115734	12	2.0								
		06.11-	115734	12	2.0								
		06.11-	115734	12	2.0								
		06.11-	115734	12	2.0								
C 350 3.5 CGI	(W204)[M272.982]	09.08-	115905	14	150								
		09.08-	115905	14	150								
		09.08-	115905	14	150								
		09.08-	115905	14	150								
C 36 AMG 3.6	(202)[M104.941]	AT, Eng. 079896- 05.94-	112530	14	120								
		Eng. 006763- 05.94-	112530	14	120								
		Eng. 006763- 05.94-	111369	14	90								
		Eng. 006763- 05.94-	111369	14	90								
C 43 AMG 4.3	(202)[M113.944]	08.97- 05.00	111850	14	143 ▲								
		08.97- 04.00	111768*	12	1.7								
		02.04-	111768*	12	1.7								
		02.16-	116002	12	1.7								
C 55 AMG 5.4	(203)[M113.988]	02.04-	111768*	12	1.7								
		02.16-	116002	12	1.7								
		10.15-	116002	12	1.7								
		10.14-	116002	12	1.7								
C 63 AMG 4.0	(C205)[M177.980]	02.16-	116002	12	1.7								
		10.15-	116002	12	1.7								
		10.14-	116002	12	1.7								
		02.11-	116002	12	1.7								
C 63 AMG 5.5 AMG	(S204)[M156.985]	02.08-	115532	14	180								



Application list

MERCEDES-BENZ *Continued*

CL 55 AMG 5.4	(215)[M113.986]	10.99- 03.06	111850	14 143	Chas. -A 040588	09.99- 08.02	111768*	12 1.7
CL 55 AMG 5.4 Kompressor	(215)[M113.991]	06.02-	114737	14 180	Chas. -A 040588	09.02-	111768*	12 1.7
CL 600 5.5	(215)[M275.950]	09.02- 03.06	115905	14 150		09.02-	111768*	12 1.7
	(216)[M275.953]	05.06-	116100	14 220				
CL 600 5.8	(220)[M137.970]	03.99-	112428	14 150				
		03.99- 03.06	115673	14 150 A49		03.99- 03.06	111768*	12 1.7
CL 63 AMG 5.5	(C216)[M157.980]					01.10-	116002	12 1.7
CL 63 AMG 6.2	(216)[M156.984]	10.06-	116057	14 220				
CL 65 AMG 6.0	(216)[M275.982]	10.06-	116100	14 220				
	[M275.980]	09.03- 03.06	115905	14 150		09.03-	111768*	12 1.7
CL 65 AMG 6.0 AMG	(C216)[M275.982]	02.11-	116100	14 220				
CLA 180 1.5 CDI	(C117)[OM607.951]					10.13-	115607	12 1.7
CLA 180 1.5 Diesel Shooting Brake	(X117)[OM607.951]					07.15-	115589	12 1.7
CLA 180 1.6	(C117)[M270.910]					01.13-	115589	12 1.7
CLA 180 1.6 Shooting Brake	(X117)[M270.910]					01.15-	115589	12 1.7
CLA 200 1.6	(C117)[M270.910]					01.13-	115589	12 1.7
CLA 200 1.6 Shooting Brake	(X117)[M270.910]					01.15-	115589	12 1.7
CLA 200 1.8 CDI	(C117)[OM651.901]	06.13-	115759	14 150		06.13-	115607	12 1.7
CLA 200 2.2 CDI	(C117)[OM651.930]	07.14-	115759	14 150		07.14-	115607	12 1.7
CLA 200 2.2 CDI 4-Matic	(C117)[OM651.930]	07.14-	115759	14 150		07.14-	115607	12 1.7
	(X117)[OM651.930]	01.15-	115759	14 150		01.15-	115589	12 1.7
CLA 200 2.2 CDI Shooting Brake	(X117)[OM651.930]	01.15-	115759	14 150		01.15-	115607	12 1.7
CLA 220 2.0 4-matic	(C117)[M270.920]					04.16-	115589	12 1.7
	(X117)[M270.920]					04.16-	115589	12 1.7
CLA 220 2.1 CDI	(C117)[OM651.930]	01.13-	115759	14 150		01.13-	115607	12 1.7
CLA 220 2.1 Diesel 4 Matic Shooting Brake	(X117)	07.18-	115759	14 150		07.18-	115607	12 1.7
CLA 220 2.1 Diesel Shooting Brake	(X117)	07.18-	115759	14 150		07.18-	115607	12 1.7
CLA 220 2.2 CDI	(C117)[OM651.930]	09.14-	115759	14 150		09.14-	115607	12 1.7
CLA 220 2.2 CDI 4-Matic	(C117)[OM651.930]	07.14-	115759	14 150		07.14-	115607	12 1.7
	(X117)[OM651.930]	01.15-	115589			01.15-	115607	12 1.7
		09.15-	115759	14 150		09.15-	115589	12 1.7
						01.15-	115759	
CLA 220 2.2 CDI Shooting Brake	(X117)[OM651.930]	01.15-	115589			01.15-	115607	12 1.7
		01.15-	115759	14 150				
CLA 250 2.0	(C117)[M270.920]					01.13-	115589	12 1.7
CLA 250 2.0 4-Matic	(C117)[M270.920]					07.13-	115589	12 1.7
	(X117)[M270.920]					01.15-	115589	12 1.7
CLA 250 2.0 Shooting Brake	(X117)[M270.920]					01.15-	115589	12 1.7
CLA 45 AMG 2.0 4-Matic	(C117)[M133.980]					07.13-	115589	12 1.7
	(X117)[M133.980]					01.15-	115589	12 1.7
CLC 220 2.1 CDI	[OM646.962]	05.08-	113953	14 200		05.08- 06.11	115512	12 1.7 A49
						05.08-	114093	12 1.7
	[OM646.963]	05.08-	113953	14 200		05.08- 06.11	115512	12 1.7 A49
						05.08-	114093	12 1.7
CLC 230 2.5	[M272.920]	05.08- 06.11	115905	14 150		RHD 05.08-	114178	12 1.4
CLC 350 3.5	[M272.960]	05.08- 06.11	115905	14 150				
CLK 200 2.0	(208)[M111.941]	01.94- 04.00	111369	14 90				
		01.94- 04.00	112530	14 120		06.97- 06.02	111347	12 1.2
	[M111.945]	06.97-	111369	14 90				
		06.97-	112530	14 120		06.97-	111347	12 1.2
CLK 200 2.0 Kompressor	(208)[M111.944]	06.97-	112529	14 90				
		06.97- 06.00	113768	14 95				
		06.97- 06.00	116129	14 90 A49		06.97-	111347	12 1.2
	(209)[M271.940]	02.03-	113877	14 120 A49				
		02.03-	116322*	14 120		02.03-	113513	12 1.1
CLK 200 2.0 16V	(208)[M111.941]	03.98-	111369	14 90				
		03.98-	112530	14 120		03.98-	111347	12 1.2
	[M111.945]	03.98-	111369	14 90				
		03.98-	112530	14 120		03.98-	111347	12 1.2
CLK 200 2.0 CGI Kompressor	(209)[M271.942]	07.03-	113877	14 120 A49				
		07.03-	116322*	14 120		07.03-	113513	12 1.1
CLK 220 2.1 CDI	(209)[OM646.966]	01.05-	113953	14 200		10.06-	115512	12 1.7 A49
						01.05-	111851	12 2.0
						01.05-	114093	12 1.7
	(C209)[OM646.966]	01.05- 05.09	113953	14 200		01.05- 05.09	115512	12 1.7 A49
						01.05- 05.09	112440	12 2.2
						01.05- 05.09	114093	12 1.7
CLK 230 2.3 Kompressor	(208)[M111.973]	06.96- 01.00	113486	14 90				
		06.97- 06.00	113768	14 95		06.97- 06.00	111347	12 1.2
	[M111.975]	06.97-	112529	14 90				
		06.97- 06.00	113768	14 95				
		06.97- 06.00	116129	14 90 A49		06.97-	111347	12 1.2
	[M111.982]	06.00- 01.03	113301	14 90		06.00- 01.03	111347	12 1.2
CLK 240 2.4	[M112.912]	02.03-	113302	14 120		02.03-	113282	12 1.4
CLK 270 2.7 CDI	(209)[OM612.962]	10.02-	113772	14 190		10.02-	111851	12 2.0
	[OM612.967]	10.02-	113772	14 190		10.02-	111851	12 2.0
CLK 280 3.0	(209)[M272.940]	01.05-	115905	14 150		RHD 01.05-	114178	12 1.4
CLK 320 3.0 CDI	(209)[OM642.910]	01.05-	114042	14 180 A49		01.05-	111768*	12 1.7
		01.05-	116113	14 180		01.05-	114178	12 1.4
CLK 320 3.2	(208)[M112.940]	06.97-	111902	14 115				
		06.97-	113302	14 120		06.97-	111768*	12 1.7
		06.97- 06.02	113835	14 120		06.97-	113282	12 1.4
	[M112.955]	02.03-	113302	14 120		02.03-	113282	12 1.4
CLK 350 3.5	(209)[M272.960]	01.05-	115905	14 150		RHD 01.05-	114178	12 1.4
CLK 430 4.3	(208)[M113.943]	Chas. F180102-, T091959- Chas. -F180102-, -T091959	07.98- 06.02 07.98-	114836 111850	14 150 14 143 ▲	07.98-	111768*	12 1.7
CLK 430 4.3 V8	(208)[M113.943]	Chas. F180102-, T091959- Chas. -F180102-, -T091959	09.98- 03.02 09.98-	114836 111850	14 150 14 143 ▲	09.98-	111768*	12 1.7
CLK 500 5.0	[M113.968]					02.03-	111768*	12 1.7
CLK 500 5.5	(A209)[M273.967]	06.06-	115532	14 180		RHD 06.06-	114178	12 1.4
CLK 55 AMG 5.4	(208)[M113.981]	01.00- 03.02	113489	14 150				
		01.00- 03.02	114836	14 150		01.00- 03.02	111768*	12 1.7
	[M113.984]	Chas. -F198563, Chas. - T102652	01.00-	114836	14 150			
	(209)[M113.987]					09.02-	111768*	12 1.7
	[M113.987]					02.03-	111768*	12 1.7



CLK 55 AMG 5.5	(208)[M113.981] [M113.984]						08.99- 06.02	111768*	12	1.7		
		Chas. F180103-	08.99- 06.02	114836	14	150						
							05.99- 04.02	111768*	12	1.7		
CLK 55 DTM AMG 5.4	(209)[M113.994]						02.03- 06.04-	111768*	12	1.7		
								114178	12	1.4		
CLS 218 2.2 CDI	(C218)[OM651.9 24]	A25	04.11-	116142*	14	220	A25	04.11-	114742	12	1.8	
		A25	04.11-	114876	14	180	A49	04.11-	114305	12	1.7	
		A25	04.11-	116309	14	180		04.11-	115437			
CLS 218 3.0 CDI	(C218)[OM642.853]		01.11-	115924	14	180	A25	01.11-	116084	12	1.8	
							A25	01.11-	116083	12	1.8	
											RHD	
CLS 220 2.1 BlueTec	(C218)[OM651.924]		05.14- 05.14- 05.14-	114876 116142* 116309	14	180	A49	05.14- 05.14- 05.14-	114305 114742	12	1.7 1.8	
CLS 220 Shooting Brake 2.1 BlueTec	(X218)[OM651.924]		05.14-	116142*	14	220		05.14- 05.14-	114742 114305	12	1.8 1.7	
CLS 250 2.1 BlueTEC 4-matic	(C218)[OM651.924]		05.14-	116142*	14	220		05.14- 05.14-	114742 114305	12	1.8 1.7	
CLS 250 2.1 CDI Shooting Brake	(X218)[OM651.924]		10.12- 10.12- 10.12- 10.12-	114876 115437 116142* 116309	14	180	A49					
								10.12- 10.12-	114305 114742	12	1.7 1.8	
CLS 250 Shooting Brake 2.1 BlueTEC 4-matic	(X218)[OM651.924]							05.14- 05.14-	114305 114742	12	1.7 1.8	
CLS 280 3.0	(C219)[M272.943]		04.09-	115905	14	150						
CLS 320 3.0 CDI	(219)[OM642.920]		01.05- 01.05-	114380 116060	14	180						
								01.05-	111768*	12	1.7	
CLS 350 3.0 BlueTEC	(C218)[OM642.852] [OM642.853]							A25	11.12- 11.12-	116083 116084	12	1.8 1.8
								A25	11.12- 11.12-	116083 116084	12	1.8 1.8
												RHD
CLS 350 3.0 BlueTEC 4-matic	(C218)[OM642.858]							A25	11.12- 11.12-	116083 116084	12	1.8 1.8
												RHD
CLS 350 3.0 CDI	(C219)							04.09- 12.10	111768*	12	1.7	
CLS 350 3.0 CDI 4-matic	(C218)[OM642.854]		09.11-	115924	14	180		A25	09.11- 09.11-	116084 116083	12	1.8 1.8
												RHD
CLS 350 3.0 CDI Shooting Brake	(X218)[OM642.8 53]	A25	10.12-	115924	14	180		A25	10.12- 10.12-	116083 116084	12	1.8 1.8
		A25						A25	10.12-	116084	12	1.8
	[OM642.854]	A25	10.12-	115924	14	180		A25	10.12- 10.12-	116083 116084	12	1.8 1.8
		A25						A25	10.12-	116084	12	1.8
CLS 350 3.0 Diesel 4-Matic	(C218)[OM642.854] [OM642.858] [X218][OM642.854] [OM642.858]							A25	04.15- 04.15- 04.15- 04.15-	116083 114178 116083 114178	12	1.8 1.4 1.8 1.4
CLS 350 3.5	(219)[M272.964] [M272.985] (C218)[M276.952]		10.04- 10.04- 04.06- 04.06-	114454 115905 114454 115905	14	180 150 180 150						
								01.11- 01.11-	115734 115741	12	2.0 1.4	
CLS 350 3.5 Shooting Brake	(X218)[M276.952]							10.12- 10.12-	115734 115741	12	2.0 1.4	
CLS 350 3.5 CGI	(C219)[M272.985]		04.09- 04.09-	114454 115905	14	180 150						
								04.09-	115770	12	1.1	
CLS 350 Shooting Brake 3.0 BlueTec	(X218)[OM642.853]							A25	05.14- 05.14-	116083 116084	12	1.8 1.8
												RHD
CLS 350 Shooting Brake 3.0 BlueTEC 4-matic	(X218)[OM642.858]							A25	05.14-	116084	12	1.8
CLS 400 3.0	(C218)[M276.820]							05.14-	115741	12	1.4	
CLS 400 3.0 4-matic	(C218)[M276.820]							05.14- 05.14-	115734 115741	12	2.0 1.4	
CLS 400 3.5	(C218)[M276.850]							07.14-	115741	12	1.4	
CLS 400 3.5 4-Matic	(C218)[M276.850] (X218)[M276.850]							07.14- 07.14-	115741 115741	12	1.4 1.4	
CLS 400 3.5 Shooting Brake	(X218)[M276.850]							07.14-	115741	12	1.4	
CLS 400 Shooting Brake 3.0	(X218)[M276.820]							05.14-	115741	12	1.4	
CLS 400 Shooting Brake 3.0 4-matic	(X218)[M276.820]							05.14-	115741	12	1.4	
CLS 500 4.7	(C218)[M278.922]							02.11-	116002	12	1.7	
CLS 500 4.7 Shooting Brake	(X218)[M278.922]							10.12-	116002	12	1.7	
CLS 500 5.0	(219)[M113.967]		10.04-	114836	14	150						
CLS 500 5.5	(219)[M273.960]		04.06-	114454	14	180						
		Chas. A038332-										
		Chas. A038332-	04.06-	115532	14	180						
CLS 55 AMG 5.4	(219)[M113.990]											
CLS 63 AMG 5.5	(C218)[M157.981] (X218)[M157.981]							02.13- 05.13-	116002 116002	12	1.7 1.7	
CLS 63 AMG 5.5 4-matic	(C218)[M157.981]							02.13-	116002	12	1.7	
CLS 63 AMG 5.5 AMG	(C218)[M157.981]							02.11-	116002	12	1.7	
CLS280 3.0	(C219)[M272.943]		07.08-	115905	14	150						
E 200 1.8 CGI	(A207)[M271.820] [M271.860] (C207)[M271.820] [M271.860]		01.10- 01.10- 01.10- 01.10-	115810 115810 115810 115810	14	120 120 120 120		01.10- 01.10- 01.10- 01.10-	115771 113513 115771 113513	12	1.1 1.1 1.1 1.1	
E 200 1.8 Kompressor	[M271.941]		11.02- 11.02-	113877 116322*	14	120	A49					
								11.02-	113513	12	1.1	
E 200 1.8 CGI	(211)[M271.946]		11.02- 11.02-	113877 116322*	14	120	A49					
								11.02-	113513	12	1.1	

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

	(S212)[M271.820]		11.09-	115810	14 120		11.09-	115771	12
	[M271.860]		11.09-	115810	14 120		11.09-	113513	12 1.1
	(W212)[M271.820]		08.09-	115810	14 120		11.09-	115771	12
	[M271.860]		08.09-	115810	14 120		11.09-	113513	12 1.1
E 200 1.8	(W212)[M271.958]		03.11-	116099*	14 120		08.09-	115771	12
E 200 1.8 NGT	(211)[M271.941]						08.09-	113513	12 1.1
E 200 2.0	(124)[M111.940]	AT, Eng. -015028	06.93-	111354	14 70				
		AT, Eng. 015029-	06.93-	111369	14 90				
		Eng. -035550	06.93-	111354	14 70				
		Eng. 035551-	06.93-	111369	14 90				
		Eng. 035551-	06.93- 06.97	111354	14 70				
		Eng. 035551-	06.93- 06.97	111369	14 90				
		Eng. 035551-	06.93- 06.97	112530	14 120		06.93- 06.97	111347	12 1.2
	(210)[M111.942]	AT, Eng. -013255	06.95-	111369	14 90				
		AT, Eng. -013255	06.95-	111369	14 90				
		AT, Eng. -013255	06.95-	112530	14 120		06.95-	111347	12 1.2
E 200 2.0 Kompressor	(210)[M111.947]		06.97-	113486	14 90		06.97-	111347	12 1.2
	[M111.957]		08.00- 03.03	113300	14 120				
			08.00- 03.03	113301	14 90		08.00- 03.03	111347	12 1.2
E 200 2.0 Diesel	(124)[OM601.912]		06.93- 06.95	110923	14 55				
			06.93- 06.95	111093	14 70		06.93- 06.95	111065	12 2.2
	(210)[OM604.917]		06.95-	111883	14 115		06.95-	111851	12 2.0
			06.95-	112529	14 90				
			01.96- 03.02	116129	14 90 A49				
E 200 2.1 CDI	(210)[OM611.961]		07.99-	112197	14 115				
			07.99-	112428	14 150				
			07.99- 03.02	113771	14 190				
			07.99- 03.02	113772	14 190				
			07.99- 03.02	115673	14 150 A49		07.99-	111851	12 2.0
	(211)[OM646.820]		04.06-	114666	14 180		04.06-	114093	12 1.7
							04.06-	115512	12 1.7 A49
E 200 2.1 CDI T-Model	(S211)[OM646.821]		04.06-	114666	14 180		04.06-	115512	12 1.7 A49
							04.06-	114093	12 1.7
E 200 2.2 CDI	(210)[OM611.961]		06.98-	112197	14 115				
			06.98-	112428	14 150				
			06.98- 03.02	113771	14 190				
			06.98- 03.02	115673	14 150 A49		06.98-	111851	12 2.0
	(W212)[OM651.925]		01.09-	114876	14 180 A49				
			01.09-	116142*	14 220				
			01.09-	116185	14 150				
			01.09-	116309	14 180		01.09-	114305	12 1.7
			01.09-	116365*	14 200		01.09-	114742	12 1.8
E 200 E 2.1 CDI	(211)[OM646.951]		07.02-	113274	14 200				
			07.02-	113944	14 200		07.02-	111851	12 2.0
E 220 2.1 BlueTec	(A207)[OM651.911]		05.14-	116142*	14 220		05.14-	114742	12 1.8
							05.14-	114305	12 1.7
	(C207)[OM651.911]						05.14-	114305	12 1.7
							05.14-	114742	12 1.8
	(W212)[OM651.924]		05.14-	116365*	14 200		05.14-	114305	12 1.7
							05.14-	114742	12 1.8
E 220 2.1 CDI	(211)[OM646.821]		04.06-	114666	14 180		04.06-	114093	12 1.7
							04.06-	115512	12 1.7 A49
	[OM646.961]	Eng. -30085731	03.02-	113274	14 200				
		Eng. 30085732-30112421	03.02-	113944	14 200				
		Eng. 30112422-	03.02-	113953	14 200		03.03-	111851	12 2.0
	(A207)[OM651.911]		01.10-	115437	14 180				
			01.10-	115988	14 150		01.10-	114305	12 1.7
			01.10-	116185	14 150		01.10-	114742	12 1.8
	(C207)[OM651.911]		01.10-	115437	14 180				
			01.10-	115988	14 150		01.10-	114305	12 1.7
			01.10-	116185	14 150		01.10-	114742	12 1.8
	(S212)[OM651.924]		07.09-	114876	14 180 A49				
			07.09-	115437	14 180				
			07.09-	116185	14 150		07.09-	114305	12 1.7
			07.09-	116309	14 180		07.09-	114742	12 1.8
	(VF210)[OM611.961]		07.99- 12.02	112197	14 115				
			07.99- 12.02	112428	14 150				
			07.99- 12.02	113771	14 190		07.99- 12.02	111851	12 2.0
	(VF211)[OM646.821]						04.06- 07.09	114093	12 1.7
	[OM646.961]		10.03- 07.06	113274	14 200				
			10.03- 07.06	113944	14 200				
			10.03- 07.06	113953	14 200		10.03- 07.06	112440	12 2.2
	(W210)[OM611.961]		07.99- 03.02	112197	14 115				
			07.99- 03.02	112428	14 150				
			07.99- 03.02	113771	14 190				
			07.99- 03.02	115673	14 150 A49		07.99- 03.02	111851	12 2.0
	(W212)[OM651.924]		01.09-	114876	14 180 A49				
			01.09-	115437	14 180		01.09-	114305	12 1.7
			01.09-	116142*	14 220		01.09-	114742	12 1.8
			01.09-	116185	14 150				
			01.09-	116309	14 180				
			01.09-	116365*	14 200				
E 220 2.2	(124)[M111.960]	AT, Eng. -043679	06.93-	111354	14 70				
		AT, Eng. 043680-	06.93-	111369	14 90				
		Eng. -021891	06.93-	111354	14 70				
		Eng. 021892-	06.93-	111369	14 90				
		Eng. 021892-	06.93- 06.97	111354	14 70				
		Eng. 021892-	06.93- 06.97	111369	14 90				
		Eng. 021892-	06.93- 06.97	112530	14 120		06.93- 06.97	111347	12 1.2



E 220 2.2 CDI	(210)[OM611.961]	Eng. 007601- 07.99-	112197	14 115				
		Eng. 007601 -044618 06.98-	112197	14 115				
		Eng. 007601 -044618 03.02-	113274	14 200				
		Eng. 007601 -044618 06.98- 07.99	112197	14 115				
		Eng. 007601 -044618 06.98- 08.00	112428	14 150				
		Eng. 007601 -044618 06.98- 03.03	115673	14 150 A49	06.98- 03.03	111851	12 2.0	
		Eng. 007601 -044618 07.99- 03.03	113771	14 190				
	(C207)[OM651.911]	07.14- 07.14-	115437 115988	14 180 14 150	07.14- A25 07.14-	114305 114742	12 1.7 12 1.8	
	(S212)[OM651.924]	11.09- 11.09- 11.09- 11.09-	114876 115437 116185 116309	14 180 A49 14 180 14 150 14 180	11.09- 11.09-	114305 114742	12 1.7 12 1.8	
	[OM651.925]	11.09- 11.09- 11.09- 11.09-	114876 115437 116142* 116185	14 180 A49 14 180 14 220 14 150	11.09- 11.09-	114305 114742	12 1.7 12 1.8	
(W211)[OM646.821]		116309	14 180					
				03.03- 12.08 03.03- 12.08	114093 115512	12 1.7 12 1.7	A49	
E 220 2.2 Diesel	(210)[OM604.912]	06.95- 06.99 06.95- 06.99 06.95- 07.99	111883 112529 116129	14 115 14 90 14 90 A49	01.96- 06.99 06.95-	111851 111065	12 2.0 12 2.2	
E 220 2.2 Diesel BlueTec	(S212)[OM651.924]	05.15- 05.15-	116142* 116365*	14 220 14 200	05.15- 05.15-	114305 114742	12 1.7 12 1.8	
E 220 2.2 Diesel Bluetec 4-Matic	(S212)[OM651.924]	12.14-	116142*	14 220	12.14- 12.14-	114742 114305	12 1.8 12 1.7	
	(W212)[OM651.924]	01.15-	116142*	14 220	01.15- 01.15-	114742 114305	12 1.8 12 1.7	
E 220 T 2.1 CDI	(S210)[OM611.961]	05.99- 03.03 05.99- 03.03 05.99- 03.03 05.99- 03.03	112197 112428 113771 115673	14 115 14 150 14 190 14 150 A49	05.99- 03.03	111851	12 2.0	
E 220 T 2.2 CDI	(S211)[OM646.821]				03.03- 07.09 03.03- 07.09	114093 115512	12 1.7 12 1.7	A49
E 230 2.3	(210)[M111.970]	AT, Eng. -035180 06.95- AT, Eng. -035180 06.95- 08.97 AT, Eng. -035180 06.95- 08.97	111369 111369 112530	14 90 14 90 14 120	06.95- 08.97	111347	12 1.2	
E 230 2.5	(W211)[M272.922]	09.07- 09.07-	115532 115905	14 180 14 150				
E 230 2.5 Turbo T-Model	(S211)[M272.922]	05.07-	115532	14 180				
E 240 2.4	(210)[M112.911]	06.97- 06.97- 03.03 09.97-	113302 113835 111902	14 120 14 120 14 115	06.97- 09.97-	113282 111768*	12 1.4 12 1.7	
E 240 2.6	(210)[M112.914]	Chas. -B080431, -X035649 Chas. B080432-, X035650- Chas. B080432-, X035650-	08.00- 03.03 08.00- 03.02 08.00- 03.03	111902 113302 113835	14 115 14 120 14 120	08.00- 03.03 08.00- 03.03	111768* 113282	12 1.7 12 1.4
	(211)[M112.913]	03.02- 03.02- 03.02-	113302 113835 114836	14 120 14 120 14 150	03.02-	113282	12 1.4	
	[M112.917]	03.02- 03.02-	113835 114836	14 120 14 150	03.02-	113282	12 1.4	
E 240 2.6 4 Matic	(211)[M112.917]	03.03- 03.03- 09.03-	113835 114836 113302	14 120 14 150 14 120	09.03-	113282	12 1.4	
E 250 1.8 CGI	(A207)[M271.860]	01.10-	115810	14 120	01.10- 01.10-	115771 113513	12 12 1.1	
E 250 1.8 CGI	(C207)[M271.860]	01.09-	115810	14 120	01.09- 01.09-	115771 113513	12 12 1.1	
	(S212)[M271.860]	11.09-	115810	14 120	11.09- 11.09-	115771 113513	12 12 1.1	
	(W212)[M271.860]	01.09-	115810	14 120	01.09- 01.09-	115771 113513	12 12 1.1	
E 250 2.1 CDI	(A207)[OM651.911]	01.10- 01.10- 01.10- 01.10-	115437 115988 116142* 116185	14 180 14 150 14 220 14 150	01.10- 01.10-	114305 114742	12 1.7 12 1.8	
	(C207)[OM651.911]	01.09- 01.09- 01.09-	115437 115988 116185	14 180 14 150 14 150	01.09- 01.09-	114305 114742	12 1.7 12 1.8	
	(W212)[OM651.924]	01.09- 01.09- 01.09- 01.09- 01.09- 01.09-	114876 115437 116142* 116309 116365*	14 180 A49 14 180 14 220 14 180 14 200	01.09- 01.09- 01.09- 01.09-	114305 114742	12 1.7 12 1.8	
E 250 2.1 CDI 4-matic	(W212)[OM651.924]	A25 01.09-	116142*	14 220	01.09-	114742	12 1.8	
E 250 2.2 CDI	(S212)[OM651.924]	A25 01.09- 11.09- 11.09- 11.09- 11.09-	115580 114876 115437 116142* 116185 116309	14 180 14 180 A49 14 180 14 220 14 150 14 180	01.09- 11.09- 11.09-	114305 114742	12 1.7 12 1.8	
E 250 2.2 CDI 4-Matic	(S212)[OM651.924]	A25 07.10-	116142*	14 220	07.10-	114742	12 1.8	
E 250 2.5 Diesel	(124)[OM605.911]	07.93- 06.95 07.93- 06.95 07.93- 06.95 07.93- 06.95	111354 112529 113768 116129	14 70 14 90 14 95 14 90 A49	07.93- 06.95	111065	12 2.2	
	(210)[OM605.912]	07.93- 06.99 06.95- 06.95- 07.99	112529 111883 116129	14 90 14 115 14 90 A49	06.95- 01.96-	111065 111851	12 2.2 12 2.0	
	(VF210)[OM605.912]	06.96- 06.98	111883	14 115	06.96- 06.98	111851	12 2.0	

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

E 250 2.5 TD	(124)[OM602.962]	06.93- 06.95	110923	14 55					
		06.93- 06.96	111093	14 70		06.93- 06.95	111065	12 2.2	
	[OM605.911]	06.93- 06.96	111354	14 70					
		06.93- 06.96	112529	14 90					
		06.93- 06.96	113768	14 95					
		06.93- 06.96	116129	14 90 A49		06.93- 06.96	111851	12 2.0	
	(210)[OM605.912]	06.96-	111883	14 115		06.96-	111851	12 2.0	
	[OM605.962]	07.93- 06.99	112529	14 90					
		06.97-	111883	14 115					
		06.97- 07.99	116129	14 90 A49		06.97-	111851	12 2.0	
E 270 2.7 CDI	(210)[OM612.961]	03.02-	113274	14 200					
		07.99-	112428	14 150					
		07.99- 03.02	113771	14 190					
		07.99- 03.02	113772	14 190		07.99-	111851	12 2.0	
		07.99- 03.02	115673	14 150 A49		07.99-	112440	12 2.2	
	(211)[OM647.961]	03.02-	113274	14 200		03.02-	111851	12 2.0	
		03.02-	113944	14 200		03.02-	112440	12 2.2	
	(VF210)[OM612.961]	07.99- 12.02	112428	14 150					
		07.99- 12.02	113771	14 190		07.99- 12.02	112440	12 2.2	
	(VF211)[OM647.961]	03.03- 07.09	113274	14 200					
		03.03- 07.09	113944	14 200		03.03- 07.09	112440	12 2.2	
	(W211)[OM647.961]	03.02- 12.08	113274	14 200		03.02- 12.08	112440	12 2.2	
		03.02- 12.08	113944	14 200		03.02- 12.08	115334	12 2.0	
	[OM647.961]	03.03-	113274	14 200					
		03.03-	113944	14 200		03.03-	111851	12 2.0	
E 270 T 2.7 CDI	(210)[OM612.961]	03.02-	113274	14 200					
		07.99-	112428	14 150					
		07.99- 03.03	113771	14 190					
		07.99- 03.03	115673	14 150 A49		07.99-	111851	12 2.0	
	(S211)[OM647.961]	03.03- 07.09	113274	14 200					
	03.03- 07.09	113944	14 200		03.03- 07.09	112440	12 2.2		
E 280 2.8	(124)[M104.942]	06.93- 06.96	111369	14 90					
		06.93- 06.96	112530	14 120		07.93- 05.96	111851	12 2.0	
	(210)[M112.921]	Chas. -B080431, -X035649	03.97- 01.03	111902	14 115				
		Chas. B080432-, X035650-	12.96- 03.02	113302	14 120		07.96- 01.03	111768*	12 1.7
		Chas. B080432-, X035650-	12.96- 03.03	111850	14 143				
		Chas. B080432-, X035650-	12.96-	111902	14 115				
		Chas. B080432-, X035650-	12.96- 03.03	113835	14 120		07.96- 01.03	113282	12 1.4
		Chas. B080432-, X035650-	03.97-	113302	14 120				
	(VF210)[M112.921]	07.99- 11.02	111902	14 115					
		07.99- 11.02	113489	14 150		07.99- 11.02	111768*	12 1.7	
07.99- 11.02		113835	14 120		07.99- 11.02	113282	12 1.4		
E 280 2.8 4 Matic	(210)[M112.921]	Chas. -B080431, -X035649	07.96- 01.03	111902	14 115				
		Chas. B080432-, X035650-	07.96- 01.03	113302	14 120		07.96- 03.03	111768*	12 1.7
		Chas. B080432-, X035650-	07.96- 01.03	111850	14 143				
		Chas. B080432-, X035650-	12.96- 03.03	113835	14 120		07.96- 03.03	113282	12 1.4
		Chas. B080432-, X035650-	03.97-	111902	14 115				
E 280 3.0	(211)[M272.943]	03.05-	114454	14 180					
		03.05-	115905	14 150					
E 280 3.0 4 Matic	(211)[M272.943]	03.05-	115532	14 180		03.05-	113282	12 1.4	
E 280 3.0 CDI	(211)[OM642.920]	03.05-	114042	14 180 A49					
		03.05-	114380	14 180 A49					
		03.05-	116060	14 180					
		03.05-	116113	14 180		03.05-	111768*	12 1.7	
	(VF211)[OM642.920]	08.05- 07.09	116060	14 180		LHD 08.05- 07.09	111768*	12 1.7	
	08.05- 07.09	116113	14 180		RHD 08.05- 07.09	114178	12 1.4		
E 280 3.0 CDI 4 Matic	(211)[OM642.921]	03.05-	114042	14 180 A49					
		03.05-	114380	14 180 A49					
		03.05-	116060	14 180					
		03.05-	116113	14 180					
E 280 3.2 CDI	(211)[OM648.961]	Eng. -30042543	05.04-	113944	14 200				
		Eng. 30042544-	05.04-	113953	14 200		05.04-	111851	12 2.0
E 280 E 2.8	(210)[M104.945]	01.96- 02.97	111369	14 90					
E 290 2.9 TD	(210)[OM602.982]	01.96-	111890	14 90					
		03.96- 06.99	112529	14 90		03.96-	111065	12 2.2	
		06.96-	111883	14 115					
		06.96- 07.99	116129	14 90 A49		06.96-	111851	12 2.0	
E 290 2.9 TDI	(VF210)[OM602.982]	07.96- 07.99	111883	14 115		07.96- 07.99	111851	12 2.0	
E 290 E 2.9 TD	(210)[OM602.982]	01.96-	111883	14 115		01.96-	111851	12 2.0	
E 300 2.1 Hybrid Hybrid	(S212)[OM651.924]					12.11-	114742	12 1.8	
E 300 3.0	(S212)[M272.952]	11.09-	115532	14 180		RHD 11.09-	115825	12 1.1	
						11.09-	115770	12 1.1	
	(W212)[M272.952]	01.09-	115532	14 180		RHD 01.09-	115825	12 1.1	
					01.09-	115770	12 1.1		
E 300 3.0 4 Matic	(124)[M103.985]	AT, Eng. 002357-	06.93- 06.95	111354	14 70				
		AT, Eng. 002357-	06.93- 06.95	111369	14 90				
		AT, Eng. -008221	06.93-	112734	14 80				
		AT, Eng. -009456	06.93-	111093	14 70				
		Eng. -002187	06.93-	112734	14 80				
		Eng. 002357-	06.93- 06.95	111369	14 90				
		Eng. -002376	06.93-	111093	14 70				
		Eng. 002377-	06.93- 06.95	111354	14 70				
		Eng. 002377-	06.93- 08.94	111093	14 70				
		Eng. 002377-	06.93- 06.95	111149	14 80				
		Eng. 002377-	06.93- 06.95	111354	14 70				
		E 300 3.0 CDI	(S212)[OM642.850]	03.11-	114042	14 180 A49			
				03.11-	115924	14 180			
				03.11-	116080	14 220			
03.11-	116113			14 180		03.11-	111768*	12 1.7	
(W212)[OM642.850]	12.09- 12.10			115924	14 180				
	12.09- 12.10	116080	14 220		03.11-	111768*	12 1.7		
	12.09- 12.10	116113	14 180		A25 03.11-	116083	12 1.8		
	03.11-	114042	14 180 A49						
[OM642.852]	03.11-	115924	14 180						
	03.11-	116080	14 220						
					A25 03.11-	116083	12 1.8		



E 300 3.0 Diesel	(124)[OM606.910]	07.93- 06.95	111354	14	70						
		07.93- 06.95	112529	14	90						
		07.93- 06.95	113768	14	95						
		07.93- 06.95	116129	14	90	A49	07.93- 06.95	111065	12	2.2	
	(210)[OM606.912]	06.95- 02.97	112529	14	90						
		06.95- 06.97	116129	14	90	A49	06.95-	111065	12	2.2	
		02.97	111883	14	115						
			111093	14	70						
E 300 3.0 TD	(124)[OM603.960]	Eng. -051060 06.93-	111093	14	70						
		Eng. 051061- 06.93-	112529	14	90						
		Eng. 051061- 06.93- 06.95	111093	14	70						
		Eng. 051061- 06.93- 06.96	113768	14	95		06.93- 06.95	111065	12	2.2	
	[OM606.910]	06.93- 06.96	111354	14	70						
		06.93- 06.96	112529	14	90						
		06.93- 06.96	113768	14	95						
		06.93- 06.96	116129	14	90	A49					
(210)[OM606.962]	12.96- 06.99	111883	14	115							
	12.96-	111890	14	90							
E 300 3.0 TD 4 Matic	(124)[OM603.963]	Eng. -004325 06.93-	111093	14	70						
		Eng. 004326- 06.93-	112529	14	90						
		Eng. 004326- 06.93- 06.95	111093	14	70		06.93- 06.95	111065	12	2.2	
		Eng. 004326- 06.93- 06.96	113768	14	95						
	[OM606.910]	06.93- 06.96	111354	14	70						
		06.93- 06.96	112529	14	90						
		06.93- 06.96	113768	14	95						
		06.93- 06.96	116129	14	90	A49					
(210)[OM606.962]	12.96- 06.99	111883	14	115							
	12.96-	111890	14	90							
E 300 3.5	(A207)[M276.957]						04.11-	115734	12	2.0	
							04.11-	115741	12	1.4	
							04.11-	115734	12	2.0	
							04.11-	115741	12	1.4	
(C207)[M276.957]							07.11-	115734	12	2.0	
							07.11-	115741	12	1.4	
(S212)[M276.952]							07.11-	115734	12	2.0	
							07.11-	115741	12	1.4	
E 300 3.5 4-Matic	(S212)[M276.952]						07.11-	115734	12	2.0	
E 300 3.5 BlueEfficiency	(W212)[M276.952]						07.11-	115741	12	1.4	
E 300 3.5 BlueEfficiency 4-matic	(W212)[M276.952]						07.11-	115734	12	2.0	
E 300 CE 3.0	(124)[M103.983]	03.87- 12.89	111093	14	70						
		01.90- 05.93	111354	14	70						
E 300 Hybrid 2.1 Hybrid	(W212)[OM651.924]						12.11-	114742	12	1.8	
E 300 TE-24 AMG 3.0	(124)[M104.980]	06.93- 06.96	111369	14	90						
		06.93- 06.96	112734	14	80						
E 320 3.0	(A207)[M276.820]						07.14-	115741	12	1.4	
							07.14-	115741	12	1.4	
E 320 3.0 CDI	(211)[OM642.920]	03.05-	114042	14	180	A49					
		03.05-	114380	14	180	A49					
		03.05-	116060	14	180						
		03.05-	116113	14	180		03.05-	111768*	12	1.7	
E 320 3.0 CDI 4 Matic	(211)[OM642.910]	03.05-	114042	14	180	A49					
		03.05-	116113	14	180		03.05-	111768*	12	1.7	
		03.05-	114042	14	180	A49					
		03.05-	116113	14	180		03.05-	111768*	12	1.7	
E 320 3.2	(124)[M104.992]	10.92- 06.98	111369	14	90						
		06.93- 06.98	112530	14	120						
	[M104.995]	06.93- 06.98	111369	14	90						
		06.93- 06.98	112530	14	120						
	(210)[M104.995]	06.95- 02.97	111369	14	90						
		06.95- 02.97	112530	14	120						
	[M112.941]	Chas. -B080431, -X035649	03.97- 03.03	111902	14	115		06.95- 02.97	111851	12	2.0
		Chas. B080432-, X035650-	03.97- 03.03	113302	14	120		03.97- 03.03	111768*	12	1.7
Chas. B080432-, X035650-		12.96- 03.03	113835	14	120		03.97- 03.03	113282	12	1.4	
Chas. B080432-, X035650-		03.97-	111902	14	115						
(211)[M112.949]	03.02-	114836	14	150		03.02-	113282	12	1.4		
E 320 3.2 4 Matic	(210)[M112.941]	Chas. -B080431, -X035649	06.97- 03.02	111902	14	115					
		Chas. B080432-, X035650-	06.97- 03.02	113302	14	120		06.97- 03.02	111768*	12	1.7
		Chas. B080432-, X035650-	12.96- 03.03	113835	14	120		12.96- 03.02	113282	12	1.4
		Chas. B080432-, X035650-	06.97-	111902	14	115					
(211)[M112.954]	03.03-	114836	14	150		09.03-	113282	12	1.4		
E 320 3.2 CDI	(210)[OM613.961]	07.99-	112428	14	150						
		07.99- 03.02	113771	14	190						
		07.99- 03.02	113772	14	190						
		07.99- 03.02	115673	14	150	A49	07.99-	112440	12	2.2	
		Eng. -30042543	11.02-	113944	14	200					
		Eng. 30042544-	11.02-	113953	14	200		11.02-	111851	12	2.0
[OM648.961]	Eng. 30042544-	03.03-	113944	14	200						
	Eng. 30042544-	11.02-	113772	14	190						
E 320 T 3.2 CDI	(210)[OM613.961]	07.99-	112428	14	150						
		07.99- 03.03	113771	14	190						
		07.99- 03.03	113772	14	190		07.99-	111851	12	2.0	
		07.99- 03.03	115673	14	150	A49	06.97-	113282	12	1.4	
E 350 3.0 BlueTEC	(A207)[OM642.838]	A25 06.13-	115924	14	180		A25 06.13-	116083	12	1.8	RHD
		A25					A25 06.13-	116084	12	1.8	
	(C207)[OM642.838]	A25 03.13-	115924	14	180		A25 03.13-	116083	12	1.8	RHD
		A25 05.14-	115924	14	180		A25 03.13-	116084	12	1.8	
	(S212)[OM642.852]	11.12-	114042	14	180	A49					
		11.12-	115924	14	180						
		11.12-	116080	14	220						
		11.12-	116113	14	180		A25 11.12-	116083	12	1.8	RHD
	(W212)[OM642.852]	11.12-	116080	14	220		A25 11.12-	116084	12	1.8	
		11.12-	116080	14	220		A25 11.12-	116083	12	1.8	RHD
						A25 11.12-	116084	12	1.8		

STARTERS & ALTERNATORS

E 350 3.0 BlueTEC 4-matic	(S212)[OM642.858]	11.12-	114042	14 180 A49				
		11.12-	115924	14 180				
		11.12-	116080	14 220	A25 11.12-	116084	12 1.8	
		11.12-	116113	14 180	A25 11.12-	116083	12 1.8 RHD	
	(W212)[OM642.852]	11.12-	115924	14 180				
		11.12-	116080	14 220	A25 11.12-	116083	12 1.8	
	[OM642.858]	11.12-	114042	14 180 A49				
		11.12-	115924	14 180				
		11.12-	116080	14 220	A25 11.12-	116083	12 1.8 RHD	
		11.12-	116113	14 180	A25 11.12-	116084	12 1.8	
E 350 3.0 CDI	(A207)[OM642.836]				A25 01.10-	116083	12 1.8	
	[OM642.838]	04.11-	115924	14 180	A25 04.11-	116084	12 1.8	
					A25 04.11-	116083	12 1.8 RHD	
	(C207)[OM642.836]				A25 01.09-	116083	12 1.8	
	[OM642.838]	04.11-	115924	14 180	A25 04.11-	116083	12 1.8	
	(S211)[OM642.920]	11.07- 07.09	114042	14 180				
		11.07- 07.09	114380	14 180				
		11.07- 07.09	116060	14 180				
		11.07- 07.09	116113	14 180	11.07- 07.09	114178	12 1.4	
	(S212)[OM642.852]	07.11-	115924	14 180	A25 07.11-	116083	12 1.8 RHD	
	07.11-	116080	14 220	A25 07.11-	116084	12 1.8		
(W212)[OM642.852]	03.11-	115924	14 180					
	03.11-	116080	14 220	A25 03.11-	116083	12 1.8 RHD		
E 350 3.0 CDI 4-matic	(W212)[OM642.858]	03.11-	115924	14 180	A25 03.11-	116083	12 1.8 RHD	
		03.11-	116080	14 220	A25 03.11-	116084	12 1.8	
E 350 3.0 CDI 4-Matic 4x4	(S212)[OM642.858]	07.11-	115924	14 180	A25 07.11-	116083	12 1.8 RHD	
		07.11-	116080	14 220	A25 07.11-	116084	12 1.8	
E 350 3.0 CDI BlueTEC	(W212)[OM642.850]	01.09-	115924	14 180				
		01.09-	116080	14 220				
E 350 3.0 Diesel	(S213)[OM642.855]				10.16-	114178	12 1.4	
					10.16-	116084	12 1.8	
	(W213)[OM642.855]				01.16-	114178	12 1.4	
					06.17-	114178	12 1.4	
E 350 3.0 Diesel 4-matic	(A238)[OM642.873]				06.17-	114178	12 1.4	
	(C238)[OM642.873]				06.17-	114178	12 1.4	
	(S213)[OM642.855]				06.17-	114178	12 1.4	
	[OM642.873]				06.17-	114178	12 1.4	
	(W213)[OM642.873]				06.17-	114178	12 1.4	
E 350 3.0 Diesel BlueTEC	(S212)[OM642.850]	11.09-	115924	14 180				
		11.09-	116080	14 220				
	[OM642.852]	A25 07.14-	115924	14 180				
		A25 07.14-	114042	14 180 A49				
		A25 07.14-	116080	14 220				
		A25 07.14-	116113	14 180				
		A25			A25 07.14-	116083	12 1.8	
E 350 3.0 Diesel Bluetec 4-Matic	(S212)[OM642.858, OM642.852]	07.14-	114042	14 180 A49				
		07.14-	115924	14 180				
		07.14-	116080	14 220				
		07.14-	116113	14 180	A25 07.14-	116083	12 1.8	
E 350 3.5	(211)[M272.964]	03.05-	114454	14 180				
		03.05-	115905	14 150				
		03.05-	116081	14 220				
	[M272.972]	03.05-	114454	14 180				
		03.05-	116081	14 220				
	(A207)[M276.957]				04.11-	115734	12 2.0	
					04.11-	115741	12 1.4	
	(C207)[M276.957]				04.11-	115734	12 2.0	
					04.11-	115741	12 1.4	
	(S212)[M272.980]	08.09-	115532	14 180	RHD 08.09-	115825	12 1.1	
					08.09-	115770	12 1.1	
	[M276.952]				09.11-	115734	12 2.0	
					09.11-	115741	12 1.4	
(W212)[M272.980]	01.09-	115532	14 180	01.09-	115770	12 1.1		
	01.09-	115905	14 150	RHD 01.09-	115825	12 1.1		
[M276.952]				09.11-	115734	12 2.0		
				09.11-	115741	12 1.4		
E 350 3.5 4 Matic	(211)[M272.964]	03.05-	115532	14 180				
		03.05-	116081	14 220				
	[M272.972]	03.05-	115532	14 180	03.05-	113282	12 1.4	
		03.05-	116081	14 220				
	(C207)[M276.957]				02.13-	115734	12 2.0	
E 350 3.5 4-Matic	(S212)[M272.977]	11.09-	115532	14 180	RHD 11.09-	115825	12 1.1	
	[M276.952]				09.11-	115734	12 2.0	
	(W212)[M272.977]	01.09- 08.11	115532	14 180	RHD 01.09- 08.11	115825	12 1.1	
[M276.952]				09.11-	115734	12 2.0		
E 350 3.5 CGI	(A207)[M272.982]	01.10-	115905	14 150	RHD 01.10-	115825	12 1.1	
					01.10-	115770	12 1.1	
	[M272.984]	01.10-	115905	14 150	01.10-	115770	12 1.1	
E 350 3.5 CGI	(C207)[M272.982]	01.09-	115905	14 150	RHD 01.09-	115825	12 1.1	
					01.09-	115770	12 1.1	
	[M272.984]	01.09-	115905	14 150	01.09-	115825	12 1.1	
					01.09-	115770	12 1.1	
	(S212)[M272.983]	11.09-	115532	14 180	RHD 11.09-	115825	12 1.1	
					11.09-	115770	12 1.1	
	(W211)[M272.985]	09.07-	115905	14 150				
	(W212)[M272.982]	01.09- 08.11	115532	14 180	01.09- 08.11	115770	12 1.1	
	[M272.983]	01.09- 08.11	115532	14 180	RHD 01.09- 08.11	115825	12 1.1	
					01.09- 08.11	115770	12 1.1	
E 36 AMG 3.6	(124)[M104.992]	03.93- 06.98	111369	14 90	03.94- 06.98	111851	12 2.0	
		05.94- 05.96	112530	14 120				
E 400 3.0	(A207)[M276.820]				06.13-	115741	12 1.4	
	(C207)[M276.820]				06.13-	115734	12 2.0	
					06.13-	115741	12 1.4	
	(S212)[M276.820]				01.13-	115734	12 2.0	
					01.13-	115741	12 1.4	
	(W212)[M276.820]				01.13-	115734	12 2.0	
				01.13-	115741	12 1.4		
E 400 3.0 4-matic	(S212)[M276.820]				01.13-	115734	12 2.0	



	(W212)[M276.820]					01.13-	115734	12 2.0
E 400 3.5	(A207)[M276.850]					07.14-	115741	12 1.4
	(C207)[M276.850]					07.14-	115741	12 1.4
E 420 4.0 CDI	(211)[OM629.910]					01.06-	115939	12 2.2
E 420 4.2	(210)[M119.985]	06.96- 08.97	111850	14 143				
E 430 4.3	(210)[M113.940]	06.97- 08.01	111850	14 143 ▲				
		06.97- 03.03	114836	14 150		06.97-	111768*	12 1.7
E 430 4.3 4 Matic	(210)[M113.940]	05.99- 08.01	111850	14 143 ▲				
		05.99- 03.02	114836	14 150		05.99-	111768*	12 1.7
E 430 T 4.3 4 Matic	(210)[M113.940]	05.99- 08.01	111850	14 143 ▲				
		05.99- 03.03	114836	14 150		05.99-	111768*	12 1.7
E 50 AMG 5.0	(210)[M119.985]	02.96- 08.97	111850	14 143				
E 500 4.7	(A207)[M278.922]					09.11-	116002	12 1.7
	(C207)[M278.922]					09.11-	116002	12 1.7
	(S212)[M278.922]					09.11-	116002	12 1.7
	(W212)[M278.922]					09.11-	116002	12 1.7
E 500 4.7 4-matic	(S212)[M278.922]					09.11-	116002	12 1.7
	(W212)[M278.922]					09.11-	116002	12 1.7
E 500 5.0	(211)[M113.967]	03.02-	114836	14 150		03.02-	111768*	12 1.7
		09.03-	111902	14 115				
E 500 5.0 4 Matic	(211)[M113.969]	10.03-	114836	14 150		09.03-	111768*	12 1.7
	[M113.969]	10.03- 06.05	114836	14 150		09.03-	111768*	12 1.7
E 500 5.5	(211)[M273.960]	04.06-	114454	14 180		04.06-	115770	12 1.1
	(A207)[M273.966]	01.10-	115532	14 180		RHD 01.10-	115825	12 1.1
						01.10-	115770	12 1.1
	(C207)[M273.966]	01.09-	115532	14 180		RHD 01.09-	115825	12 1.1
						01.09-	115770	12 1.1
	(S212)[M273.971]	11.09-	115532	14 180		RHD 11.09-	115825	12 1.1
						11.09-	115770	12 1.1
	(W212)[M273.971]	01.09-	115532	14 180		RHD 01.09-	115825	12 1.1
E 500 5.5 4 Matic	(211)[M273.962]					04.06-	115770	12 1.1
E 500 5.5 4-Matic	(W212)[M273.970]	01.09-	115532	14 180		RHD 01.09-	115825	12 1.1
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14 143 ▲				
		08.97- 03.03	114836	14 150		08.97-	111768*	12 1.7
E 55 AMG 5.4	(210)[M113.980]	08.97- 08.01	111850	14 143 ▲				
		08.97- 03.02	114836	14 150		08.97-	111768*	12 1.7
	(211)[M113.990]	07.03-	114737	14 180		09.03-	111768*	12 1.7
E 55 AMG 5.4 4 Matic	(210)[M113.980]	03.01- 03.03	114836	14 150		09.97- 03.03	111768*	12 1.7
		03.98- 08.01	111850	14 143				
E 55 AMG 5.4 Kompressor	(211)[M113.990]	10.02-	114737	14 180		10.02-	111768*	12 1.7
E 550 4.7	(A207)[M278.922]					09.11-	116002	12 1.7
E 63 AMG 5.5	(S212)[M157.981]					02.11-	116002	12 1.7
	(W212)[M157.981]					02.11-	116002	12 1.7
E 63 AMG 5.5 AMG	(S212)[M157.980]					02.11-	116002	12 1.7
	[M157.981]					02.11-	116002	12 1.7
	(W212)[M157.980]					02.11-	116002	12 1.7
	[M157.981]					02.11-	116002	12 1.7
E 63 AMG 6.2	(211)[M156.983]	03.06-	115532	14 180				
	(S212)[M156.985]	08.09-	115532	14 180				
E 63 AMG 6.2 AMG	(W212)[M156.985]	12.09-	115532	14 180				
E-Class 3.5 4 Matic T-Model	(S211)[M272.972]	08.04- 08.06	115532	14 180				
		08.04- 08.06	116081	14 220				
G 270 2.7 CDI	(463)[OM612.965]	10.01-	113772	14 190		10.01-	111851	12 2.0
		03.79- 05.80	110358	14 55				
	(W461)[OM612.966]					01.03-	114319	24 2.5
G 300 3.0 TD	(463)[OM606.964]	08.96-	111890	14 90				
G 320 3.0 CDI	(W461)[OM642.884]	04.09-	113351	28 100				
		04.09-	114042	14 180 A49				
		04.09-	116113	14 180		04.09-	111768*	12 1.7
G 320 3.2	(463)[M104.996]	09.94- 11.97	111369	14 90		08.93- 11.97	111851	12 2.0
	[M112.945]	12.97-	111902	14 115		07.97-	113282	12 1.4
						07.97-	111768*	12 1.7
G 350 3.0 CDI	(W461)[OM642.884]	04.10-	113351	28 100				
		04.10-	114042	14 180				
		04.10-	115557	28 100		04.10-	111768*	12 1.7
		04.10-	116113	14 180				
	(W463)[OM642.886]	07.11-	114042	14 180 A49				
		07.11-	116113	14 180		07.11-	111768*	12 1.7
	[OM642.970]	06.09- 12.11	114042	14 180				
		06.09- 12.11	116113	14 180		06.09- 12.11	111768*	12 1.7
G 36 AMG 3.6	(463)[M104.996 (AMG3.6)]	01.95-	111369	14 90		01.95-	111851	12 2.0
G 400 4.0 CDI	(463)[OM628.962]	12.00-	112428	14 150				
		12.00-	115673	14 150 A49				
G 500 4.0	(W463)[M176.980]					01.18-	116002	12 1.7
G 500 5.0	(463)[M113.962]	04.98-	111902	14 115		04.98-	111768*	12 1.7
G 500 5.5	(W463)[M273.963]	12.09-	115532	14 180		12.09-	115770	12 1.1
G 500 E 5.0	(463)[M117.965]	09.93-	111149	14 80				
G 55 AMG 5.4	(463)[M113.982]					04.99-	111768*	12 1.7
	[M113.993]	06.04-	111902	14 115				
		06.04-	114737	14 180				
G 55 AMG 5.5 AMG	(W463)[M113.993]	08.08-	114737	14 180		06.04-	111768*	12 1.7
G 63 AMG 5.5	(W463)[M157.980]					05.12-	116002	12 1.7
G 65 AMG 6.0	(W463)[M279.982]					A25 05.12-	116083	12 1.8
G63 AMG 6x6 5.5	(W463)[M157.984]					12.14-	116002	12 1.7
GL 320 3.0 CDI	(X164)[OM642.940]	09.06-	114835	14 180		09.06-	111768*	12 1.7
GL 350 3.0 CDI	(X164)[OM642.822]	10.10-	114042	14 180 A49				
		10.10-	116080	14 220				
		10.10-	116113	14 180		10.10-	111768*	12 1.7
GL 350 3.0 CDI BlueTEC	(X164)[OM642.820]	12.09-	116080	14 220				
GL 400 3.0 4 Matic	(X166)[M276.821]					08.13-	115741	12 1.4
GL 420 4.0 CDI	(164)[OM629.912]	09.06-	115909	14 220				
GL 450 4.0 CDI	(X164)[OM629.912]	05.09-	115909	14 220				
GL 450 4.7	(164)[M273.923]	09.06-	115532	14 180				
GL 500 4.7 4 Matic	(X166)					A25 07.14- 10.15	116002	12 1.7
GL 500 4.7 4-matic	(X166)[M278.928]					07.12-	116002	12 1.7
GL 500 5.5	(164)[M273.963]	09.06-	115532	14 180				
GL 63 AMG 5.5	(X166)[M157.982]					07.12-	116002	12 1.7

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ *Continued*

GL 63 AMG 5.5 4-matic	(X166)[M157.982]					07.12-	116002	12 1.7
GLA 180 1.5 CDI	(X156)[OM607.951]					07.14-	115607	12 1.7
GLA 180 1.6	(X156)[M270.910]					02.15-	115589	12 1.7
GLA 200 1.6	(X156)[M270.910]					12.13-	115589	12 1.7
GLA 200 2.1 CDI	(X156)[OM651.930]	12.13-	115759	14 150		12.13-	115607	12 1.7
GLA 200 2.1 CDI 4 Matic	(X156)[OM651.930]	12.13-	115759	14 150		12.13-	115607	12 1.7
GLA 220 2.0 4-Matic	(X156)					12.15-	115589	12 1.7
GLA 220 2.1 CDI	(X156)[OM651.930]	12.13-	115759	14 150		12.13-	115607	12 1.7
GLA 220 2.1 CDI 4 Matic	(X156)[OM651.930]	12.13-	115759	14 150		12.13-	115607	12 1.7
GLA 220 2.2 Diesel	(X156)[OM651.930]	07.15-	115759	14 150		07.15-	115607	12 1.7
GLA 220 2.2 Diesel 4-Matic	(X156)[OM651.930]	07.15-	115759	14 150		07.15-	115607	12 1.7
GLA 250 2.0	(X156)[M270.920]					12.13-	115589	12 1.7
GLA 250 2.0 4 Matic	(X156)[M270.920]					12.13-	115589	12 1.7
GLA 45 AMG 2.0 4-matic	(X156)[M133.980]					05.14-	115589	12 1.7
GLC 220 2.1 Diesel 4-matic	(C253)[OM651.921]					06.16-	114742	12 1.8
GLC 220 2.2 Diesel 4-Matic	(C253)[OM651.921]	06.16-	116142*	14 220		06.16-	114742	12 1.8
	(X253)[OM651.921]	06.15-	116142*	14 220		06.15-	114742	12 1.8
GLC 250 2.2 Diesel 4-Matic	(C253)[OM651.921]	06.16-	116142*	14 220		06.16-	114742	12 1.8
	(X253)[OM651.921]	06.15-	116142*	14 220		06.15-	114742	12 1.8
GLC 350 3.0 Diesel 4-matic	(X253)[OM642.873]					10.16-	114178	12 1.4
GLC 350 D 3.0 Diesel 4-matic	(C253)[OM642.873]					10.16-	114178	12 1.4
GLE 250 2.2 Diesel 4-Matic	(W166)[OM651.960]	04.15-	116142*	14 220		04.15-	114742	12 1.8
GLE 320 3.0 4-Matic	(W166)[M276.821]					10.15-	115741	12 1.4
GLE 350 3.0 Diesel 4-Matic	(W166)[OM642.826]					04.15-	111768*	12 1.7
GLE 350 AMG 3.0 Diesel 4-Matic	(C292)[OM642.826]					03.15-	111768*	12 1.7
GLE 400 3.0 4-Matic	(W166)[M276.821]					04.15-	115741	12 1.4
GLE 450 AMG 3.0 4-Matic	(W166)[M276.821]					10.15-	115741	12 1.4
GLE 500 4.7 4-Matic	(C292)[M278.928]					10.15-	116002	12 1.7
	(W166)[M278.928]					04.15-	116002	12 1.7
GLE AMG 63 5.5 4-Matic	(C292)[M157.982]					03.15-	116002	12 1.7
GLE AMG 63 S 5.5 4-Matic	(C292)[M157.982]					03.15-	116002	12 1.7
GLK 200 2.1 CDI	(X204)[OM651.916]	12.13-	114876	14 180 A49				
		12.13-	115437	14 180		12.13-	114305	12 1.7
		12.13-	116309	14 180		12.13-	114742	12 1.8
GLK 200 2.2 CDI	(X204)[OM651.913]	07.10-	114876	14 180 A49				
		07.10-	115437	14 180		07.10-	114305	12 1.7
		07.10-	116309	14 180		07.10-	114742	12 1.8
	[OM651.916]	07.10-	114876	14 180 A49				
		07.10-	115437	14 180		07.10-	114305	12 1.7
		07.10-	116309	14 180		A25 07.10-	114742	12 1.8
GLK 220 2.1 CDI	(X204)[OM651.912]	12.08-	115580	14 180		A44 12.08-	114742	12 1.8
						12.08-	114305	12 1.7
	[OM651.916]	12.08-	114876	14 180 A49				
		12.08-	115437	14 180		12.08-	114305	12 1.7
		12.08-	116309	14 180		AT 12.08-	114742	12 1.8
GLK 220 2.2 CDI	(X204)[OM651.916]	12.08-	114876	14 180 A49				
		12.08-	115437	14 180		12.08-	114305	12 1.7
		12.08-	116309	14 180		12.08-	114742	12 1.8
GLK 220 2.2 CDI 4-matic	(X204)[OM651.912]	12.08-	115580	14 180		12.08-	114742	12 1.8
						12.08-	114305	12 1.7
GLK 250 2.1 CDI	(X204)[OM651.912]	09.09-	115580	14 180		A44 09.09-	114742	12 1.8
						09.09-	114305	12 1.7
GLK 280 3.0 4 Matic	(X204)[M272.948]	06.08-	115905	14 150				
		06.08-	116171	14 150		RHD 06.08-	115825	12 1.1
GLK 300 3.0 4 Matic	(X204)[M272.948]	07.09-	115905	14 150				
		07.09-	116171	14 150		RHD 07.09-	115825	12 1.1
GLK 300 3.5 4-Matic	(X204)[M276.957]					09.09-	115734	12 2.0
GLK 350 3.0 CDI 4-matic	(X204)[OM642.832]	02.10-	114042	14 180 A49				
		02.10- 05.10	116113	14 180		02.10- 05.10	114178	12 1.4
	[OM642.835]	07.12-	115924	14 180		A25 07.12-	116084	12 1.8
						A25 07.12-	116083	12 1.8 RHD
GLK 350 3.5	(X204)[M272.991]	04.09-	116171	14 150		04.09-	115770	12 1.1
						04.09-	113282	12 1.4
GLK 350 3.5 4 Matic	(X204)[M272.971]	06.08-	115905	14 150				
		06.08-	116171	14 150		RHD 06.08-	115825	12 1.1
GLK 350 3.5 4-matic	(X204)[M276.957]					RHD 06.08-	115734	12 2.0
						06.08-	115734	12 2.0
GLS 350 3.0 Diesel 4-Matic	(X166)[OM642.826]					11.15-	111768*	12 1.7
GLS 400 3.0 4-Matic	(X166)[M276.821]					11.15-	115741	12 1.4
GLS 500 4.7 4-Matic	(X166)[M278.928]					11.15-	116002	12 1.7
GT AMG 4.0	(C190)[M178.980]					01.17-	116002	12 1.7
ML 230 2.3	(163)[M111.977]	02.98-	111369	14 90		02.98-	111347	12 1.2
ML 250 2.2 CDI BlueTec 4-matic	(166)[OM651.960]	A25 06.11-	116142*	14 220				
		A25 06.11-	114876	14 180 A49				
		A25 06.11-	115437	14 180				
		A25 06.11-	116309	14 180		06.11-	114742	12 1.8
ML 270 2.7 CDI	(163)[OM612.963]	12.99-	112428	14 150				
		12.99- 06.05	113771	14 190				
		12.99- 06.05	113772	14 190		12.99-	111851	12 2.0
		12.99- 06.05	115673	14 150 A49		12.99-	112440	12 2.2
ML 280 3.0 CDI 4 Matic	(164)[OM642.940]	07.05-	116080	14 220				
ML 300 3.0 CDI 4 Matic	(W164)[OM642.820]	02.10-	116080	14 220				
	[OM642.832]	02.10-	116080	14 220				
ML 300 3.0 CDI 4-Matic	(W164)[OM642.940]	07.09-	116080	14 220				
ML 300 3.5 4-matic	(W166)[M276.955]					04.14-	115741	12 1.4
ML 320 3.0 CDI 4-matic	(W164)[OM642.940]	07.05- 07.11	114230	14 220				
		07.05- 07.11	114835	14 180				
ML 320 3.2 V6	(163)[M112.942]	02.98- 07.02	111902	14 115		02.98-	111768*	12 1.7
		02.98- 07.02	113302	14 120		02.98-	113282	12 1.4
ML 350 3.0 CDI 4 Matic	(W164)[OM642.820]	02.10-	116080	14 220				
ML 350 3.0 CDI 4-Matic	(W164)[OM642.940]	07.09-	116080	14 220				
ML 350 3.0 Diesel BlueTEC 4-Matic	(W164)[OM642.820]	09.09-	116080	14 220				
ML 350 3.5 4 Matic	(164)[M272.967]	07.05-	115532	14 180				
		07.05-	116081	14 220				
ML 350 3.5 BlueEfficiency 4-matic	(166)[M276.955]					06.11-	115741	12 1.4
ML 350 3.7	(163)[M112.970]	08.02- 06.05	113302	14 120		08.02-	113282	12 1.4



	[M112.970]		02.03- 06.05	113302	14 120		02.03-	113282	12 1.4
ML 400 3.0 4 Matic	(166)[M276.821]						08.13-	116002	12 1.7
ML 400 4.0 CDI	(163)[OM628.963]		09.01-	112428	14 150				
			09.01- 06.05	115673	14 150 A49				
ML 420 4.0 CDI 4 Matic	(164)[OM629.912]		02.06-	115909	14 220				
ML 430 4.3	(163)[M113.942]		02.98- 06.05	111850	14 143 ▲		02.98-	111768*	12 1.7
ML 450 4.0 CDI 4-Matic	(W164)[OM629.912]		09.09-	115909	14 220				
ML 500 4.7 4-Matic	(166)[M278.928]						02.12-	116002	12 1.7
ML 500 5.0	(163)[M113.964]		09.01-	111850	14 143 ▲				
			09.01-	111902	14 115		09.01-	111768*	12 1.7
			09.01-	113489	14 150		09.01- 06.05	113282	12 1.4
	[M113.965]		09.01-	111850	14 143 ▲		09.01-	113282	12 1.4
ML 500 5.0 4 Matic	(164)[M113.964]		07.05-	114737	14 180				
ML 500 5.5 4 Matic	(W164)[M273.963]						12.07-	115770	12 1.1
ML 55 AMG 5.4	(163)[M113.981]						02.00- 06.05	113282	12 1.4
ML 63 AMG 5.5 4-Matic	(166)[M157.980]						11.11-	116002	12 1.7
	(W166)[M157.982]						11.11-	116002	12 1.7
ML 63 AMG 6.2 4 Matic	(164)[M156.980]		01.06-	115532	14 180				
O 810 4.3	[OM904.904]		09.96-	112561	28 80		09.96-	114523	24 4.0
			09.96-	113448	28 100		09.96- 09.06	115514	24 4.0 A49
							09.96-	111982	24 4.0
O 812 2.9	[OM602.984]		09.96-	111883	14 115		09.96-	111851	12 2.0
	[OM602.985]						09.96-	111851	12 2.0
O 814 4.3	[OM904.908]		09.96-	112561	28 80		09.96-	114523	24 4.0
			09.96-	113448	28 100		09.96- 01.01	115514	24 4.0 A49
							09.96-	111982	24 4.0
O 815 4.3	[OM904.923]		09.96-	112561	28 80		09.96-	114523	24 4.0
			09.96-	113448	28 100		09.96- 01.01	115514	24 4.0 A49
							09.96-	111982	24 4.0
Pullmann 600 6.3	[M100.980]		08.73- 01.79	110358	14 55				
	[M100.982]		08.73- 01.79	110358	14 55				
R 280 3.0	(W251)[M272.945]		01.07-	115532	14 180				
R 280 3.0 CDI	(W251)[OM642.870]		05.06-	116080	14 220		05.06-	111768*	12 1.7
	[OM642.872]		05.06-	116080	14 220				
	[OM642.950]		05.06-	116080	14 220				
R 280 3.0 CDI 4 Matic	(251)[OM642.950]		05.06-	114230	14 220				
			05.06-	114835	14 180				
			05.06-	116080	14 220		05.06-	111768*	12 1.7
R 300 3.0	(W251)[M272.945]		07.09-	115532	14 180		07.09-	115770	12 1.1
R 300 3.0 CDI	(W251)[OM642.870]		07.09-	116080	14 220		07.09-	111768*	12 1.7
	[OM642.872]		07.09-	116080	14 220		07.09-	111768*	12 1.7
	[OM642.950]		07.09-	116080	14 220				
R 300 3.0 CDI 4-Matic	(W251)[OM642.950]		07.09-	116080	14 220				
R 320 3.0 CDI 4 Matic	(251)[OM642.950]		01.06-	114230	14 220				
			01.06-	114835	14 180				
			01.06-	116080	14 220		01.06-	111768*	12 1.7
R 320 3.0 CDI 4-Matic	(W251, V251)[OM642.870]		01.06-	114042	14 180 A49				
			01.06-	116080	14 220				
			01.06-	116113	14 180		01.06-	111768*	12 1.7
	[OM642.950]		01.06-	114042	14 180 A49				
			01.06-	116080	14 220				
			01.06-	116113	14 180		01.06-	111768*	12 1.7
R 350 3.0 4-Matic	(W251)[OM642.870]		01.06-	116080	14 220		01.06-	115770	12 1.1
	[OM642.950]		01.06-	116080	14 220				
R 350 3.0 CDI 4-matic	(W251)[OM642.950]						07.09-	115770	12 1.1
	(W251, V251)[OM642.872]		08.10-	114042	14 180 A49				
			08.10-	116080	14 220				
			08.10-	116113	14 180				
R 350 3.5	(W251)[M272.967]		01.07-	115532	14 180		01.07-	115770	12 1.1
R 350 3.5 4 Matic	(251)[M272.967]		01.06-	114454	14 180		01.06-	113282	12 1.4
R 350 3.5 4-Matic	(W251, V251)[M276.958]						01.06-	115741	12 1.4
R 500 5.0 4 Matic	(251)[M113.971]		01.06-	114737	14 180				
R 500 5.5 4 Matic	(W251)[M273.963]		01.07-	115532	14 180				
S 250 2.1 CDI	(W221)[OM651.961]								
S 280 2.8	(140)[M104.944]		01.93- 10.98	112194	14 120		06.93- 09.98	111851	12 2.0
	(220)[M112.922]						10.98-	111768*	12 1.7
		Chas. -A229601	10.98-	113489	14 150		10.98-	113282	12 1.4
		Chas. A229602-	10.98- 08.05	114836	14 150				
S 280 3.0	(W221)[M272.946]		08.06-	115532	14 180		08.06-	115770	12 1.1
			08.06-	116081	14 220		RHD 08.06-	115825	12 1.1
							08.06-	113282	12 1.4
S 300 2.1 Hybrid BlueTec	(W222)[OM651.921]						02.14-	114742	12 1.8
S 300 3.0 TD	(140)[OM606.961]		06.96- 09.98	111883	14 115				
S 320 3.0 CDI	(221)[OM642.930]		12.05- 06.09	116080	14 220				
	(W221)[OM642.930]		10.05-	114230	14 220		10.05-	111768*	12 1.7
			10.05-	116080	14 220		10.05-	114178	12 1.4
S 320 3.0 CDI 4 Matic	(W221)[OM642.932]		10.06-	116080	14 220				
S 320 3.0 CDI 4-matic	(W221)[OM642.932]		10.05-	116080	14 220				
S 320 3.2	(220)[M112.944]		10.98-	113489	14 150		10.98-	111768*	12 1.7
		Chas. -A229601					10.98-	113282	12 1.4
		Chas. A229602-	10.98- 08.05	114836	14 150				
S 320 3.2 CDI	(220)[OM613.960]		06.99- 09.02	112428	14 150				
			08.99- 09.02	113771	14 190		06.99- 09.02	111851	12 2.0
			08.99- 09.02	113772	14 190		06.99- 09.02	112440	12 2.2
			08.99- 09.02	115673	14 150 A49		10.98-	113282	12 1.4
	[OM648.960]		09.02- 08.05	113944	14 200		09.02- 08.05	111851	12 2.0
S 350 3.0	(W221)[OM642.862]		04.11-	116100	14 220				
S 350 3.0 4-Matic	(W221)[OM642.868]		04.11-	116080	14 220		A25 04.11-	116083	12 1.8 RHD
			04.11-	116100	14 220		A25 04.11-	116084	12 1.8
S 350 3.0 BlueTEC	(W222)[OM642.861]						A25 05.13-	116084	12 1.8
S 350 3.0 BlueTEC 4-matic	(W222)[OM642.867]						A25 02.14-	116084	12 1.8
S 350 3.5	(221)[M272.965]		10.05-	115532	14 180		RHD 10.05-	114178	12 1.4
			10.05-	116081	14 220		RHD 10.05-	115825	12 1.1
							10.05-	113282	12 1.4
	(W221)[M276.950]						04.11-	115734	12 2.0
							04.11-	115741	12 1.4
S 350 3.5 4 Matic	(W221)[M272.975]		02.08-	115532	14 180		RHD 02.08-	114178	12 1.4
			02.08-	116101	14 220		RHD 02.08-	115825	12 1.1

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S 350 3.5 4-Matic	(W221)[M276.950]					04.11- 04.11-	115734 115741	12 2.0 12 1.4
S 350 3.5 TD	(140)[OM603.971]					06.93-	111065	12 2.2
S 350 3.7	(220)[M112.972]	09.02- 08.05	114836	14 150	Chas. - A 398576	09.02-	113282	12 1.4
S 350 3.7 4 Matic	(220)[M112.975]	06.03- 08.05	114836	14 150	Chas. - A 398576	06.03-	113282	12 1.4
S 400 4.0 CDI	(220)[OM628.960]	06.00- 08.05	112428	14 150				
S 400 Hybrid 3.5 Hybrid	(W221)[M272.974]					01.09-	115770	12 1.1
S 420 4.0 CDI	(221)[OM629.911]					10.06-	115939	12 2.2
S 420 4.2	(140)[M119.971]	Eng. 012761- 10.94- 02.99	111850	14 143				
		Eng. 012761- 01.93- 08.99	111850	14 143				
	[M119.981]	Eng. 012761- 10.94- 02.99	111850	14 143				
S 430 4.3	(220)[M113.941]	Chas. -A229601 10.98-	113489	14 150				
		Chas. A229602- 10.98- 08.05	114836	14 150		10.98-	111768*	12 1.7
S 430 4.3 4 Matic	(220)[M113.948]	09.02- 08.05	114836	14 150	Chas. - A 398576	09.02-	111768*	12 1.7
S 450 4.0 CDI	(W221)[OM629.911]					01.09- 12.13	115939	12 2.2
S 450 4.7	(W221)[M273.922]	12.05-	116081	14 220		RHD 12.05-	115825	12 1.1
						RHD 12.05-	114178	12 1.4
S 450 4.7 4 Matic	(W221)[M273.924]	12.05-	116101	14 220		RHD 12.05-	115825	12 1.1
						RHD 12.05-	114178	12 1.4
S 500 4.7	(C217)[M278.929]					11.14-	116002	12 1.7
	(W221)[M278.932]					04.11-	116002	12 1.7
	(W222)[M278.929]					05.13-	116002	12 1.7
S 500 4.7 4 Matic	(W222)[M278.929]					05.13-	116002	12 1.7
S 500 5.0	(140)[M119.970]	10.92- 08.99	111850	14 143				
	[M119.980]	01.93- 10.98	111850	14 143				
	(220)[M113.960]	Chas. -A229601 10.98-	113489	14 150				
		Chas. A229602- 10.98- 08.05	114836	14 150		10.98-	111768*	12 1.7
	[M113.966]	10.98- 08.05	113489	14 150				
		10.98- 08.05	114836	14 150		10.98- 08.05	111768*	12 1.7
	(W220)[M113.960]	10.98- 12.03	113489	14 150				
		10.98- 12.03	114836	14 150		10.98- 12.03	111768*	12 1.7
S 500 5.0 4 Matic	(220)[M113.966]	09.02- 08.05	114836	14 150	Chas. - A 398576	09.02-	111768*	12 1.7
S 500 5.5	(221)[M273.961]	10.05-	115532	14 180		RHD 10.05-	114178	12 1.4
		10.05-	116081	14 220		RHD 10.05-	115825	12 1.1
						10.05-	113282	12 1.4
S 500 5.5 4 Matic	(221)[M273.961]	10.05-	115532	14 180		RHD 10.05-	114178	12 1.4
		10.05-	116101	14 220		RHD 10.05-	115825	12 1.1
	[M273.968]	10.05-	115532	14 180		RHD 10.05-	115825	12 1.1
		10.05-	116101	14 220		RHD 10.05-	114178	12 1.4
S 500 Maybach 4.7	(W222, V222, X222)[M278.929]					12.14-	116002	12 1.7
S 55 AMG 5.4	(220)[M113.986]	Chas. -A229601 04.99-	113489	14 150				
		Chas. A229602- 04.99- 08.05	114836	14 150		04.99- 08.05	113282	12 1.4
S 55 AMG 5.4 Kompressor	(220)[M113.991]	06.02- 08.05	114737	14 180	Chas. -A 040588	09.02-	111768*	12 1.7
S 600 5.5	(220)[M275.950]	09.02- 08.05	115905	14 150		09.02-	111768*	12 1.7
	(221)[M275.953]	12.05-	116100	14 220		RHD 12.05-	114178	12 1.4
S 600 5.8	(220)[M137.970]	01.00- 08.05	115905	14 150				
S 600 6.0	(140)[M120.980]	Eng. 025950- 01.93- 09.95	111850	14 143				
		Eng. 025950- 09.92- 02.99	111850	14 143				
	[M120.982]	Eng. 025950- 01.93- 09.95	111850	14 143				
		Eng. 025950- 09.92- 02.99	111850	14 143				
	(W222)[M277.980]					A25 02.14- 02.14-	116083 116084	12 1.8 RHD 12 1.8
S 600 Maybach 6.0	(W222, V222, X222)[M277.980]					A25 12.14-	116083	12 1.8
S 63 AMG 5.5	(C217)[M157.985]					07.14-	116002	12 1.7
	(W221)[M157.980]					02.12-	116002	12 1.7
	(W222)[M157.985]					05.13-	116002	12 1.7
S 63 AMG 5.5 4 Matic	(W222)[M157.985]					05.13-	116002	12 1.7
S 63 AMG 5.5 AMG	(W221)[M157.980]					03.11-	116002	12 1.7
S 63 AMG 6.2	(221)[M156.984]	10.06-	116057	14 220				
S 65 AMG 6.0	(220)[M275.980]	03.04- 08.05	115905	14 150		03.04-	111768*	12 1.7
	(221)[M275.982]	12.05-	116100	14 220		12.05-	114178	12 1.4
	(C217)[M279.980]					A25 07.14-	116083	12 1.8
	(W222)[M279.980]					A25 02.14- 02.14-	116083 116084	12 1.8 RHD 12 1.8
S 65 AMG 6.0 AMG	(W221)[M275.982]	04.11-	116100	14 220				
S 650 6.0	(W222, V222, X222)[M279.980]					07.17- 07.17-	116083 116084	12 1.8 12 1.8
SL 280 2.3	(129)[M104.943]	07.93- 05.98	112194	14 120				
SL 280 2.8	(129)[M112.923]	05.98-	111902	14 115		05.98- 05.98-	113282 111768*	12 1.4 12 1.7
SL 280 3.0	(R230)[M272.949]	03.08-	115532	14 180		RHD 03.08- 03.08-	115825 115770	12 1.1 12 1.1
SL 320 3.2	(129)[M104.991]	07.93- 05.98	112194	14 120				
	[M112.943]	05.98- 08.01	111902	14 115		05.98-	113282	12 1.4
						05.98-	111768*	12 1.7
SL 350 3.5	(230)[M272.966]	03.06-	114454	14 180		RHD 03.06- RHD 03.06-	115825 114178	12 1.1 12 1.4
	(R230)[M272.968]	04.08-	115532	14 180		RHD 04.08-	115825	12 1.1
SL 350 3.7	(230)[M112.973]	03.03-	114836	14 150		03.03-	113282	12 1.4
SL 400 3.0	(R231)[M276.825]					04.14-	115741	12 1.4
SL 500 4.7	(R231)[M278.927]					04.15-	116002	12 1.7
SL 500 5.0	(129)[M113.961]	05.98- 10.01	111850	14 143		05.98- 10.01	113282	12 1.4
	[M119.972]	09.92- 10.01	111850	14 143				
	[M119.982]	09.92- 10.01	111850	14 143				
	(230)[M113.963]	10.01-	114836	14 150		10.01-	111768*	12 1.7
SL 500 5.5	(230)[M273.965]	03.06-	115532	14 180		RHD 03.06- RHD 03.06- 03.06-	115825 114178 111768*	12 1.1 12 1.4 12 1.7
SL 55 AMG 5.4	(230)[M113.992]	06.02-	114737	14 180		10.01-	111768*	12 1.7
	[M113.995]	03.06-	114737	14 180		03.06-	111768*	12 1.7
SL 55 AMG 5.5	(230)[M113.992]	10.01- 06.02	114737	14 180				
		10.01- 06.02	114836	14 150		10.01- 06.02	111768*	12 1.7
SL 600 5.5	(230)[M275.951]					04.03-	111768*	12 1.7
	[M275.954]					03.06-	111768*	12 1.7
SL 600 6.0	(129)[M120.983]	07.92- 10.01	111850	14 143				



SL 600 6.9	(129)[M120.981]	07.92- 10.01	111850	14	143						
								07.92- 10.01	111851	12	2.0
SL 63 AMG 5.5	(R231)[M157.983]							04.14-	116002	12	1.7
								07.18-	116002	12	1.7
SL 63 AMG 6.2	(R230)[M156.981]	03.08-	115532	14	180						
SL 65 AMG 6.0	(230)[M275.981]							09.04-	111768*	12	1.7
	(R231)[M279.981]							A25 05.12-	116083	12	1.8
SLK 200 1.8	(R172)[M271.860]	02.11-	115810	14	120			02.11-	115771	12	
								02.11-	115339	12	2.0
	[M271.861]	02.11-	115810	14	120			02.11-	115771	12	
								02.11-	115339	12	2.0
SLK 200 1.8 Kompressor	(171)[M271.944]	03.04-	113877	14	120	A49					
		03.04-	116322*	14	120			03.04-	113513	12	1.1
SLK 200 2.0	(170)[M111.946]	AT 09.96-	111369	14	90			09.96-	111347	12	1.2
		AT 09.96-	111369	14	90						
SLK 200 2.0 Kompressor	(170)[M111.943]	10.96-	113486	14	90			10.96-	111347	12	1.2
	[M111.958]	03.00-	113486	14	90			03.00-	111347	12	1.2
SLK 230 2.3 Kompressor	(170)[M111.973]	09.96-	113486	14	90			09.96-	111347	12	1.2
	[M111.983]	02.00- 03.04	113486	14	90			02.00- 03.04	111347	12	1.2
SLK 250 1.8	(R172)[M271.860]	02.11-	115810	14	120			02.11-	115771	12	
								02.11-	113513	12	1.1
								02.11-	115339	12	2.0
	[M271.861]	02.11-	115810	14	120			02.11-	115771	12	
								02.11-	113513	12	1.1
								02.11-	115339	12	2.0
SLK 250 2.2 CDI	(R172)[OM651.980]	01.12-	114876	14	180	A49					
		01.12-	115437	14	180						
		01.12-	116309	14	180			01.12-	114305	12	1.7
SLK 280 3.0	(171)[M272.942]	01.05-	115905	14	150			RHD 01.05-	115825	12	1.1
								RHD 01.05-	114178	12	1.4
	(R171)[M272.942]	04.09-	115905	14	150			RHD 04.09-	115825	12	1.1
								04.09-	115770	12	1.1
SLK 32 AMG 3.2 Kompressor	(170)[M112.960]							03.01-	113282	12	1.4
SLK 320 3.2	(170)[M112.947]	03.00-	113302	14	120			03.03-	113282	12	1.4
								03.03-	111768*	12	1.7
SLK 350 3.5	(R171)[M272.969]	01.08-	115905	14	150			RHD 01.08-	115825	12	1.1
	(R172)[M276.956]							02.11-	115734	12	2.0
								02.11-	115741	12	1.4
SLK 350 AMG 3.5	(171)[M272.963]	06.04-	115905	14	150			RHD 06.04-	115825	12	1.1
SLK 55 AMG 5.4	(171)[M113.989]							06.04-	111768*	12	1.7
SLK 55 AMG 5.5	(R172)[M152.980]							01.12-	116002	12	1.7
SLR 5.4	(199)[M155.980]	04.04-	114836	14	150			04.04-	111768*	12	1.7
	[M155.980]	04.04-	114836	14	150						
SLR 5.4 722 Edition	(199)[M155.980]	10.06-	114836	14	150						
SLR 5.4 Roadster	[M155.980]	10.06-	114836	14	150						
Sprinter 2.1 CDI 3,5t	(906)[OM651.955]	A25 06.06-	116142*	14	220			06.06-	114305	12	1.7
		A25 06.06-	115413	14	220						
		A25 05.09-	114146	14	120						
		A25 05.09-	114876	14	180	A49					
		A25 05.09-	115437	14	180			05.09-	114742	12	1.8
		A25 05.09-	116309	14	180			A25 06.06-	114850	12	2.5
	[OM651.956]	A25 06.06-	116142*	14	220			06.06-	114305	12	1.7
		A25 06.06-	115413	14	220						
		A25 05.09-	114146	14	120						
		A25 05.09-	114876	14	180	A49					
		A25 05.09-	115437	14	180			05.09-	114742	12	1.8
		A25 05.09-	116309	14	180			A25 06.06-	114850	12	2.5
Sprinter 2.1 CDI 4x4 3,5t	(906)[OM651.955]	A25 05.09-	116142*	14	220			05.09-	114742	12	1.8
		A25 08.11-	115437	14	180						
		A25 05.09-	114146	14	120						
		A25 05.09-	114876	14	180	A49					
		A25 05.09-	115413	14	220						
		A25 05.09-	115437	14	180			05.09-	114305	12	1.7
		A25 05.09-	116309	14	180			A25 05.11-	114850	12	2.5
	[OM651.956]	A25 05.09-	116142*	14	220						
		A25 05.09-	114876	14	180	A49		10.96-	111970	12	1.0
		A25 05.09-	115413	14	220			05.09-	114305	12	1.7
		A25 05.09-	115437	14	180						
		A25 05.09-	116309	14	180			A25 05.09-	114850	12	2.5
		A25 08.11-	114146	14	120						
		A25 08.11-	116142*	14	220			05.09-	114742	12	1.8
	[OM651.957]	A25 05.11-	116142*	14	220			05.11-	114742	12	1.8
		A25 05.11-	114146	14	120						
		A25 05.11-	114876	14	180	A49					
		A25 05.11-	115413	14	220						
		A25 05.11-	115437	14	180			05.11-	114305	12	1.7
		A25 05.11-	116309	14	180			A25 05.11-	114850	12	2.5
Sprinter 2.2 CDI 313 4x4	(906)[OM651.955]	06.06-	114876	14	180	A49					
		06.06-	115413	14	220						
		06.06-	115437	14	180						
		06.06-	116142*	14	220			06.06-	114305	12	1.7
		06.06-	116309	14	180			A25 06.06-	114742	12	1.8
	[OM651.956]	A25 06.06-	116142*	14	220			06.06-	114305	12	1.7
		A25 06.06-	114146	14	120						
		A25 06.06-	114876	14	180	A49					
		A25 06.06-	115413	14	220						
		A25 06.06-	115437	14	180						
		A25 06.06-	116309	14	180			A25 06.06-	114742	12	1.8
Sprinter 3.0 CDI 318	(906)[OM642.992]	02.08-	115912	14	220						
	[OM642.993]	02.08-	114042	14	180	A49					
		02.08-	115912	14	220						
		02.08-	116113	14	180						
Sprinter 3.0 CDI 319	(906)[OM642.896]	03.09-	114042	14	180	A49					
		03.09-	115924	14	180						
		03.09-	116113	14	180			03.09-	114507	12	1.8

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	[OM642.898]		03.09- 03.09- 03.09-	114042 115924 116113	14 180 A49 14 180 14 180				
						03.09-	114507	12	1.8
	[OM642.992]		03.09-	115924	14 180				
Sprinter 3.0 CDI 4x4	(906)[OM642.896]		A25 05.11-	115924	14 180				
			A25 05.11-	114042	14 180 A49				
			A25 05.11-	116113	14 180	05.11-	111768*	12	1.7
			A25			05.11-	114507	12	1.8
	[OM642.992]		A25 05.11-	115924	14 180				
			A25 05.11-	114042	14 180 A49				
			A25 05.11-	116113	14 180	05.11-	111768*	12	1.7
			A25			05.11-	114507	12	1.8
Sprinter 3.0 CDI 4x4 3,5t	(906)[OM642.898]		A25 05.11-	115924	14 180	05.11-	111768*	12	1.7
			A25			05.11-	114507	12	1.8
Sprinter 208 2.1 CDI	(901,902)[OM611.987]		04.00- 04.00- 04.00- 05.06 04.00- 05.06	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49				
						04.00-	111851	12	2.0
Sprinter 208 2.3 Diesel	(901,902)[OM601.943]	Eng. -385587	01.95- 04.00	111354	14 70				
		Eng. 385588 -509806	04.95- 03.97	112529	14 90	02.95- 12.95	111065	12	2.2
		Eng. -509806	09.96- 03.97	112529	14 90				
		Eng. -509806	01.95-	111883	14 115				
		Eng. -509806	01.95- 04.00	116129	14 90 A49	01.95-	111851	12	2.0
		Eng. -509806	04.95-	111890	14 90				
Sprinter 209 2.1 CDI	(906)[OM646.984]		06.06- 06.06- 06.06- 06.06-	114102 114392 115413 116068	14 180 14 90 14 220 14 180	06.06- 06.06-	114093 115512	12 12	1.7 1.7 A49
Sprinter 210 2.1 CDI	(906)[OM651.955]		03.09- 03.09- 03.09- 03.09-	114876 115413 116142* 116309	14 180 A49 14 220 14 220 14 180	03.09- 03.09- 03.09-	114093 114305 115512	12 12 12	1.7 1.7 1.7 A49
Sprinter 210 2.9 Diesel	(901,902)[OM602.980]	AT, Eng. -001128	01.97- 04.00	112529	14 90				
		AT, Eng. -001128	01.97-	111883	14 115	02.95- 12.95	111065	12	2.2
		AT, Eng. -001128	01.97-	111890	14 90	01.97-	111851	12	2.0
		AT, Eng. -001128	01.97- 04.00	116129	14 90 A49				
	(902,902)[OM602.980]		01.97- 01.97-	111883 111890	14 115 14 90	02.95- 12.95 01.97-	111065 111851	12 12	2.2 2.0
Sprinter 211 2.1 CDI	(901,902)[OM611.981]		04.00- 04.00- 04.00- 05.06 04.00- 05.06	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49				
						04.00-	111851	12	2.0
	(906)[OM646.985]		06.06- 06.06- 06.06- 06.06-	114102 114392 115413 116068	14 180 14 90 14 220 14 180	06.06- 06.06-	114093 115512	12 12	1.7 1.7 A49
	(907)		02.18- 02.18- A25 02.18- 02.18-	116309 116142* 115437 115413	14 180 14 220 14 180 14 220	A25 02.18- A25 02.18- 02.18-	114850 114742 114305	12 12 12	2.5 1.8 1.7
			02.18-	115413	14 220				
			02.18-	114146	14 120				
Sprinter 211 2.2 CDI	(906)[OM651.955]		04.16- 04.16- 04.16- 04.16- 04.16- 04.16-	114146 114876 115413 115437 116142* 116309	14 120 14 180 A49 14 220 14 180 14 220 14 180	04.16- 04.16-	114742 114305 114850	12 12 12	1.8 1.7 2.5
Sprinter 212 2.9 Diesel	(901,902)[OM602.980]	AT, Eng. -001128	02.95-	112529	14 90				
		AT, Eng. 001129-	02.95-	111890	14 90				
		Eng. -025810	02.95-	112529	14 90				
		Eng. 025811-	02.95-	111890	14 90				
		Eng. 025811-	02.95-	111354	14 70				
		Eng. 025811-	02.95-	111883	14 115				
		Eng. 025811-	02.95- 04.00	113768	14 95	02.95- 12.95	111065	12	2.2
		Eng. 025811-	02.95- 04.00	116129	14 90 A49	02.95-	111851	12	2.0
Sprinter 213 2.1 CDI	(901,902)[OM611.981]		04.00- 04.00- 04.00- 05.06 04.00- 05.06	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49				
						04.00-	111851	12	2.0
	(906)[OM646.986]		06.06- 06.06- 06.06- 06.06-	114102 114392 115413 116068	14 180 14 90 14 220 14 180	06.06- 06.06-	114093 115512	12 12	1.7 1.7 A49
	[OM651.955]		06.06- 06.06- 06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437 116142* 116309	14 120 14 180 A49 14 220 14 180 14 220 14 180	06.06- 06.06-	114305 114742	12 12	1.7 1.8
	[OM651.956]		06.06- 06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437 116142*	14 120 14 180 A49 14 220 14 180 14 220				
						03.09-	114093	12	1.7
						03.09-	115512	12	1.7 A49
						06.06-	114305	12	1.7
						06.06-	114742	12	1.8
	[OM651.957]		06.06- 06.06- 06.06- 06.06- 06.06- 06.06-	114146 114876 115413 115437 116142* 116309	14 120 14 180 A49 14 220 14 180 14 220 14 180				
						06.06-	114305	12	1.7
						06.06-	114742	12	1.8



Sprinter 214 2.1 CDI	(907)	02.18-	116142*	14	220	A25	02.18-	114742	12	1.8
							02.18-	114305	12	1.7
Sprinter 214 2.2 CDI	(906)[OM651.955]	04.16-	116142*	14	220		04.16-	114742	12	1.8
							04.16-	114305	12	1.7
Sprinter 214 2.3	(901,902)[M111.979]	02.95-	111902	14	115		02.95-	111347	12	1.2
	[M111.984]						02.95-	111347	12	1.2
Sprinter 214 2.3 NGT	(901,902)[M111]						04.00-	111347	12	1.2
	[M111.984]						04.00-	111347	12	1.2
Sprinter 215 2.1 CDI	(906)[OM646.986]	A25 06.06-	116142*	14	220		06.06-	115512	12	1.7 A49
		A25 06.06-	114102	14	180					
		A25 06.06-	114392	14	90					
		A25 06.06-	115413	14	220					
		A25 06.06-	116068	14	180		06.06-	114093	12	1.7
	[OM646.989]	A25 06.06-	116142*	14	220		06.06-	115512	12	1.7 A49
		A25 06.06-	114102	14	180					
		A25 06.06-	114392	14	90					
		A25 06.06-	115413	14	220					
		A25 06.06-	116068	14	180		06.06-	114093	12	1.7
	[OM646.990]	A25 06.06-	116142*	14	220					
		A25 06.06-	114102	14	180					
		A25 06.06-	114392	14	90		06.06-	114093	12	1.7
		A25 06.06-	115413	14	220					
		A25 06.06-	116068	14	180		06.06-	115512	12	1.7 A49
Sprinter 216 2.1 CDI	(906)[OM651.957]	03.09-	114146	14	120					
		03.09-	114513	14	95		03.09-	114742	12	1.8
		03.09-	114876	14	180 A49		03.09-	115512	12	1.7 A49
		03.09-	115413	14	220					
		03.09-	115437	14	180		03.09-	114093	12	1.7
		03.09-	116142*	14	220		03.09-	114305	12	1.7
		03.09-	116309	14	180					
Sprinter 216 2.7 CDI	(901,902)[OM612.981]	04.00-	112197	14	115					
		04.00-	112425	14	150					
		04.00- 05.06	113889	14	90		04.00-	111851	12	2.0
		04.00- 05.06	115485	14	90 A49		04.00-	112440	12	2.2
Sprinter 218 3.0 CDI	(906)[OM642.896]	06.06-	114042	14	180 A49					
		06.06-	115912	14	220		06.06-	114507	12	1.8
		06.06-	116113	14	180					
	[OM642.992]	06.06-	115912	14	220					
	[OM642.993]	06.06-	115912	14	220		06.06-	114507	12	1.8
Sprinter 219 3.0 CDI	(906)[OM642.896]	A25 03.09-	115924	14	180					
		A25					03.09-	114507	12	1.8
	[OM642.992]	A25 03.09-	115924	14	180					
Sprinter 224 3.5	(906)[M272.979]	06.06-	114454	14	180					
		06.06-	115905	14	150					
		06.06-	116081	14	220		06.06-	114178	12	1.4
Sprinter 308 2.1 CDI	(903)[OM611.987]	04.00-	112197	14	115					
		04.00-	112425	14	150					
		04.00- 05.06	113889	14	90					
		04.00- 05.06	115318	14	200 A49					
		04.00- 05.06	115485	14	90 A49		04.00-	111851	12	2.0
Sprinter 308 2.3 Diesel	(903)[OM601.943]	Eng. -385587 02.95- 03.95	111354	14	70					
		Eng. 385588 -509806 04.95- 03.97	112529	14	90		02.95- 01.97	111065	12	2.2
		Eng. 385588 -509806 02.95- 04.00	111883	14	115					
		Eng. 385588 -509806 02.95- 04.00	111890	14	90					
		Eng. 385588 -509806 02.95- 04.00	116129	14	90 A49		02.95- 04.00	111851	12	2.0
		Eng. 385588 -509806 03.97- 04.00	111354	14	70					
Sprinter 308	(903)						04.00-	111347	12	1.2
Sprinter 309 2.1 CDI	(906)[OM646.984]	06.06-	114102	14	180					
		06.06-	114392	14	90		06.06-	114093	12	1.7
		06.06-	116068	14	180		06.06-	115512	12	1.7 A49
Sprinter 310 2.1 CDI	(906)[OM651.955]	03.09-	114146	14	120					
		03.09-	114876	14	180 A49					
		03.09-	115413	14	220					
		03.09-	115437	14	180		03.09-	114305	12	1.7
		03.09-	116142*	14	220		03.09-	114850	12	2.5
		03.09-	116309	14	180		03.09-	114742	12	1.8
	[OM651.956]	03.09-	114146	14	120					
		03.09-	114876	14	180 A49					
		03.09-	115413	14	220					
		03.09-	115437	14	180		03.09-	114742	12	1.8
		03.09-	116142*	14	220		03.09-	114850	12	2.5
		03.09-	116309	14	180		03.09-	114305	12	1.7
Sprinter 310 2.9 Diesel	(903)[OM602.980]	AT, Eng. -001128 01.97- 03.00	112529	14	90					
		Eng. -025810 01.97- 04.00	112529	14	90					
		Eng. -025810 02.95-	111883	14	115					
		Eng. -025810 02.95-	111890	14	90					
		Eng. -025810 02.95- 04.00	116129	14	90 A49		02.95-	111851	12	2.0
Sprinter 310 2.9 Diesel 4x4	(903)[OM602.980]	AT, Eng. -001128 01.97- 03.00	112529	14	90					
		AT, Eng. -001128 05.97-	111883	14	115					
		AT, Eng. -001128 05.97-	111890	14	90					
		AT, Eng. -001128 05.97- 08.02	116129	14	90 A49		05.97-	111851	12	2.0
Sprinter 311 2.1 CDI	(903)[OM611.981]	04.00-	112197	14	115					
		04.00-	112425	14	150					
		04.00- 05.06	113889	14	90					
		04.00- 05.06	115318	14	200 A49					
		04.00- 05.06	115485	14	90 A49		04.00-	111851	12	2.0
	(906)[OM646.985]	06.06-	113951	14	200					
		06.06-	114102	14	180					
		06.06-	114392	14	90					
		06.06-	115413	14	220		06.06-	114093	12	1.7
		06.06-	115433	14	140		06.06-	115334	12	2.0
		06.06-	116068	14	180		06.06-	115512	12	1.7 A49

STARTERS & ALTERNATORS



MERCEDES-BENZ Continued

Application list

	(907)		02.18-	116309	14 180		A25 02.18-	114850	12 2.5
			02.18-	116142*	14 220		A25 02.18-	114742	12 1.8
			A25 02.18-	115437	14 180		02.18-	114305	12 1.7
			02.18-	115413	14 220				
			02.18-	114146	14 120				
	(909)		09.13-	116068	14 180		09.13-	114093	12 1.7
			09.13-	114146	14 120				
			09.13-	114102	14 180 A49				
Sprinter 311 2.1 CDI 4x4	(903)[OM611.981]		08.02-	112425	14 150				
			08.02- 05.06	113889	14 90				
			08.02- 05.06	115318	14 200 A49		08.02-	111851	12 2.0
			08.02- 05.06	115485	14 90 A49				
	(906)[OM646.985]		02.08-	113951	14 200				
			02.08-	114102	14 180		02.08-	114093	12 1.7
			02.08-	114392	14 90		A25 02.08-	115334	12 2.0
			02.08-	116068	14 180		02.08-	115512	12 1.7 A49
Sprinter 311 2.2 CDI	(906)[OM651.955]		05.16-	114146	14 120				
			05.16-	114876	14 180 A49				
			05.16-	115413	14 220				
			05.16-	115437	14 180		05.16-	114742	12 1.8
			05.16-	116142*	14 220		05.16-	114305	12 1.7
			05.16-	116309	14 180		05.16-	114850	12 2.5
Sprinter 312 2.9 Diesel	(903)[OM602.980]	AT, Eng. -001128	04.95-	112529	14 90				
		AT, Eng. 001129-	02.95-	111890	14 90				
		Eng. -025810	02.95-	112529	14 90				
		Eng. 025811-	02.95-	111890	14 90				
		Eng. 025811-	02.95-	111354	14 70				
		Eng. 025811-	02.95- 09.01	111883	14 115				
		Eng. 025811-	02.95- 04.00	113768	14 95		02.95- 01.97	111065	12 2.2
		Eng. 025811-	02.95- 09.01	116129	14 90 A49		02.95- 09.01	111851	12 2.0
		Eng. 025811-	12.98- 09.01	111890	14 90				
		Eng. 025811-	12.98- 09.01	112529	14 90				
Sprinter 312 2.9 Diesel 4x4	(903)[OM602.980]	AT, Eng. -001128	04.95-	112529	14 90				
		AT, Eng. 001129-	05.97-	111890	14 90		05.97- 08.02	111851	12 2.0
		Eng. -025810	04.95-	112529	14 90				
		Eng. 025811-	05.97-	111890	14 90				
		Eng. 025811-	05.97-	111354	14 70				
		Eng. 025811-	05.97- 08.02	111883	14 115				
		Eng. 025811-	05.97- 08.02	111890	14 90				
		Eng. 025811-	05.97- 08.02	112529	14 90				
		Eng. 025811-	05.97- 08.02	113768	14 95				
		Eng. 025811-	05.97- 08.02	116129	14 90 A49				
Sprinter 313 2.1 CDI	(903)[OM611.981]		04.00-	112197	14 115				
			04.00-	112425	14 150				
			04.00- 05.06	113889	14 90				
			04.00- 05.06	115485	14 90 A49		04.00-	111851	12 2.0
	(906)[OM646.986]		06.06-	113951	14 200		06.06-	111851	12 2.0
			06.06-	114102	14 180		06.06-	114093	12 1.7
			06.06-	114392	14 90		A25 06.06-	115334	12 2.0
			06.06-	116068	14 180		06.06-	115512	12 1.7 A49
	[OM651.955]		06.06-	113951	14 200		06.06-	111851	12 2.0
			06.06-	114102	14 180		06.06-	114093	12 1.7
			06.06-	114392	14 90		A25 06.06-	115334	12 2.0
			06.06-	116068	14 180		06.06-	115512	12 1.7 A49
Sprinter 313 2.1 CDI 4x4	(903)[OM611.981]		08.02-	112425	14 150				
			08.02- 05.06	113889	14 90				
			08.02- 05.06	115485	14 90 A49		08.02-	111851	12 2.0
Sprinter 314 2.1 CDI	(907)		02.18-	116142*	14 220		A25 02.18-	114742	12 1.8
							02.18-	114305	12 1.7
Sprinter 314 2.2 CDI	(906)[OM651.955]		05.16-	116142*	14 220		05.16-	114742	12 1.8
							05.16-	114305	12 1.7
Sprinter 314 2.2 CDI 4x4	(906)[OM651.955]		05.16-	116142*	14 220		05.16-	114742	12 1.8
							05.16-	114305	12 1.7
Sprinter 314 2.3	(903)[M111.979]		02.95-	111902	14 115		02.95-	111347	12 1.2
	[M111.984]						02.95-	111347	12 1.2
Sprinter 314 2.3 4x4	(903)[M111.979]		08.02-	111902	14 115		02.95- 03.00	111347	12 1.2
	[M111.984]		08.02-	111902	14 115		02.95- 03.00	111347	12 1.2
Sprinter 314 2.3 NGT	(903)[M111]						04.00-	111347	12 1.2
	[M111.984]						04.00-	111347	12 1.2
Sprinter 315 2.1 CDI	(906)[OM646.989]	A25 06.06-		116142*	14 220		06.06-	115334	12 2.0
		A25 06.06-		113951	14 200		06.06-	115512	12 1.7 A49
		A25 06.06-		114102	14 180				
		A25 06.06-		114392	14 90				
		A25 06.06-		115413	14 220				
		A25 06.06-		116068	14 180		06.06-	114093	12 1.7
	[OM646.990]	A25 06.06-		116142*	14 220		06.06-	115512	12 1.7 A49
		A25 06.06-		113951	14 200				
		A25 06.06-		114102	14 180				
		A25 06.06-		114392	14 90				
		A25 06.06-		115413	14 220		06.06-	114093	12 1.7
		A25 06.06-		116068	14 180		06.06-	115334	12 2.0
Sprinter 315 2.1 CDI 4x4	(906)[OM646.989]		02.08-	113951	14 200		02.08-	111851	12 2.0
			02.08-	114102	14 180		02.08-	114093	12 1.7
			02.08-	114392	14 90		A25 02.08-	115334	12 2.0
			02.08-	116068	14 180		02.08-	115512	12 1.7 A49
			02.08-	116142*	14 220				
	[OM646.990]		02.08-	113951	14 200				
			02.08-	114102	14 180				
			02.08-	114392	14 90				
			02.08-	115413	14 220		02.08-	114093	12 1.7
			02.08-	116068	14 180		02.08-	115334	12 2.0
			02.08-	116142*	14 220		02.08-	115512	12 1.7 A49
Sprinter 316 1.8	(906)[M271.951]		09.08-	116099*	14 120				
							09.08-	113513	12 1.1



Sprinter 316 1.8	(906)[M271.951]	09.08-	116099*	14 120		09.08-	113513	12 1.1
Sprinter 316 2.1 CDI	(906)[OM651.955]	08.11-	114146	14 120				
		08.11-	114876	14 180 A49				
		08.11-	115437	14 180				
		08.11-	116142*	14 220		08.11-	114305	12 1.7
		08.11-	116309	14 180		08.11-	114742	12 1.8
	[OM651.957]	03.09-	114146	14 120				
		03.09-	114876	14 180 A49				
		03.09-	115413	14 220		03.09-	114093	12 1.7
		03.09-	115437	14 180		03.09-	115512	12 1.7 A49
		03.09-	116142*	14 220		03.09-	114305	12 1.7
		03.09-	116309	14 180		03.09-	114742	12 1.8
	(907)	02.18-	116309	14 180		A25 02.18-	114850	12 2.5
		02.18-	116142*	14 220		A25 02.18-	114742	12 1.8
		A25 02.18-	115437	14 180		02.18-	114305	12 1.7
		02.18-	115413	14 220				
		02.18-	114146	14 120				
Sprinter 316 2.1 CDI 4x4	(906)[OM651.955]	03.09-	114876	14 180 A49				
		03.09-	115413	14 220		03.09-	114093	12 1.7
		03.09-	116142*	14 220		03.09-	114305	12 1.7
		03.09-	116309	14 180		03.09-	115512	12 1.7 A49
	[OM651.957]	03.09-	114876	14 180 A49				
		03.09-	115413	14 220		03.09-	114093	12 1.7
		03.09-	116142*	14 220		03.09-	115512	12 1.7 A49
		03.09-	116309	14 180		03.09-	114305	12 1.7
Sprinter 316 2.7 CDI	(903)[OM612.981]	04.00-	112197	14 115				
		04.00-	112425	14 150				
		04.00- 05.06	113889	14 90		04.00-	111851	12 2.0
		04.00- 05.06	115485	14 90 A49		04.00-	112440	12 2.2
Sprinter 316 2.7 CDI 4x4	(903)[OM612.981]	08.02-	112425	14 150				
		08.02- 05.06	113889	14 90				
		08.02- 05.06	115485	14 90 A49		08.02-	111851	12 2.0
Sprinter 316 LGT 1.8 LGT	(906)[M271.951]	09.08-	116099*	14 120		09.08-	113513	12 1.1
Sprinter 318 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180 A49				
		06.06-	115912	14 220		06.06-	114507	12 1.8
		06.06-	116113	14 180				
	[OM642.992]	06.06-	114042	14 180 A49				
		06.06-	115912	14 220				
		06.06-	116113	14 180		06.06-	114507	12 1.8
	[OM642.993]	06.06-	115912	14 220		06.06-	114507	12 1.8
Sprinter 318 3.0 CDI 4x4	(906)[OM642.896]	02.08-	114042	14 180 A49				
		02.08-	115912	14 220		02.08-	114507	12 1.8
		02.08-	116113	14 180				
	[OM642.992]	02.08-	115912	14 220				
	[OM642.993]	02.08-	114042	14 180 A49				
		02.08-	115912	14 220		02.08-	114507	12 1.8
		02.08-	116113	14 180				
Sprinter 319 3.0 CDI	(907, 910)					A25 02.18-	116083	12 1.8
		02.18-	116113	14 180		02.18-	114507	12 1.8
		A25 02.18-	115924	14 180		02.18-	111768*	12 1.7
		02.18-	115912	14 220				
Sprinter 319 3.0 CDI 4x4	(906)[OM642]	A25 03.09-	115924	14 180				
		A25				03.09-	114507	12 1.8
	[OM642.896]	A25 03.09-	115924	14 180		A25 03.09-	116084	12 1.8
		A25 03.09-	114042	14 180 A49				
		A25 03.09-	115924	14 180				
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7
		A25				03.09-	114507	12 1.8
	[OM642.898]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49				
		A25 03.09-	115924	14 180				
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7
		A25				03.09-	114507	12 1.8
	[OM642.992]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49				
		A25 03.09-	115924	14 180				
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7
		A25				03.09-	114507	12 1.8
Sprinter 324 3.5	(906)[M272.979]	06.06-	114454	14 180				
		06.06-	115905	14 150				
		06.06-	116081	14 220		06.06-	114178	12 1.4
Sprinter 408 2.1 CDI	(904)[OM611.987]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90 A49		12.99-	111851	12 2.0
		12.99-	112425	14 150				
Sprinter 408 2.3 Diesel	(904)[OM601.943]	Eng. 471030-	02.95- 03.00	111883	14 115			
		Eng. 471030-	02.95- 03.95	111354	14 70			
		Eng. 471030-	02.95- 03.00	112529	14 90			
		Eng. 471030-	04.95- 03.00	111890	14 90			
		Eng. 471030-	02.96-	111883	14 115			
		Eng. 471030-	02.96- 05.06	116129	14 90 A49	02.95- 03.00	111851	12 2.0
Sprinter 410 2.9 Diesel	(904)[OM602.980]	Eng. -001128, -025810	02.96- 03.00	112529	14 90			
		Eng. 001129-, 025811-	01.97- 03.00	111890	14 90			
		Eng. 001129-, 025811-	02.96- 05.06	113768	14 95			
		Eng. 001129-, 025811-	02.96- 05.06	116129	14 90 A49	01.97- 03.00	111851	12 2.0
		Eng. 001129-, 025811-	01.97- 03.00	111883	14 115			
Sprinter 410 2.9 Diesel 4x4	(904)[OM602.980]	Eng. -001128, -025810	01.97- 03.00	112529	14 90			
		Eng. 001129-, 025811-	01.97- 03.00	111890	14 90			
		Eng. 001129-, 025811-	01.97- 03.00	111883	14 115			
		Eng. 001129-, 025811-	05.97- 05.06	113768	14 95			
		Eng. 001129-, 025811-	05.97- 05.06	116129	14 90 A49	01.97- 03.00	111851	12 2.0

STARTERS & ALTERNATORS

MERCEDES-BENZ Continued

Sprinter 411 2.1 CDI	(904)[OM611.981]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90				
		12.99-	112425	14 150				
		12.99- 05.06	115485	14 90 A49		12.99-	111851	12 2.0
	(906)[OM646.985]	06.09-	114102	14 180		06.09-	114093	12 1.7
		06.09-	116068	14 180		06.09-	115334	12 2.0
	(909)	09.13-	116068	14 180		09.13-	114093	12 1.7
		09.13-	114146	14 120				
		09.13-	114102	14 180 A49				
Sprinter 411 2.1 CDI 4x4	(904)[OM611.981]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90 A49	12.99-	111851	12 2.0	
		12.99-	112425	14 150				
Sprinter 412 2.9 Diesel	(904)[OM602.980]	Chas. -001128-, -025810	02.95- 03.00	112529	14 90			
		Chas. 001129-, 025811-	02.95- 03.00	111890	14 90			
		Eng. -001128-, -025810	02.95- 02.01	112529	14 90			
		Eng. 001129-, 025811-	02.95- 02.01	111890	14 90			
		Eng. 001129-, 025811-	02.95- 02.01	111883	14 115			
		Eng. 001129-, 025811-	02.96- 05.06	113768	14 95			
		Eng. 001129-, 025811-	02.96- 05.06	116129	14 90 A49	02.95- 05.06	111851	12 2.0
		Eng. 001129-, 025811-	01.97- 03.00	112529	14 90			
Sprinter 412 2.9 Diesel 4x4	(904)[OM602.980]	Chas. -001128-, -025810	02.95- 03.00	112529	14 90			
		Chas. 001129-, 025811-	02.95- 03.00	111890	14 90			
		Eng. -001128-, -025810	02.95- 02.01	112529	14 90			
		Eng. 001129-, 025811-	02.95- 02.01	111890	14 90			
		Eng. 001129-, 025811-	02.95- 02.01	111883	14 115	02.95- 05.06	111851	12 2.0
		Eng. 001129-, 025811-	01.97- 03.00	112529	14 90			
		Eng. 001129-, 025811-	05.97- 05.06	113768	14 95			
		Eng. 001129-, 025811-	05.97- 05.06	116129	14 90 A49			
Sprinter 413 2.1 CDI	(904)[OM611.981]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90				
		12.99-	112425	14 150				
		12.99- 05.06	115485	14 90 A49	12.99-	111851	12 2.0	
	(906)[OM646.986]	06.06-	114146	14 120				
		06.06-	114876	14 180 A49				
		06.06-	115413	14 220				
		06.06-	115437	14 180				
		06.06-	116142*	14 220	06.06-	114305	12 1.7	
		06.06-	116309	14 180	06.06-	114742	12 1.8	
Sprinter 413 2.1 CDI 4x4	(904)[OM611.981]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90				
		04.00- 05.06	115485	14 90 A49	12.99-	111851	12 2.0	
		12.99-	112425	14 150				
Sprinter 413 2.2 CDI	(906)[OM651.955]	A25 03.09-	115437	14 180				
		A25 03.09-	114146	14 120				
		A25 03.09-	114876	14 180				
		A25 03.09-	115413	14 220				
		A25 03.09-	116142*	14 220	03.09-	114305	12 1.7	
		A25 03.09-	116309	14 180	A25 03.09-	114742	12 1.8	
		06.06-	116142*	14 220	06.06-	114850	12 2.5	
		06.06-	115437	14 180	06.06-	114742	12 1.8	
		06.06-	115413	14 220	06.06-	114305	12 1.7	
		06.06-	114146	14 120				
Sprinter 414 2.1 CDI	(907)	02.18-	116142*	14 220	A25 02.18-	114742	12 1.8	
					02.18-	114305	12 1.7	
Sprinter 414 2.2 CDI	(906)	05.16-	116142*	14 220	05.16-	114742	12 1.8	
					05.16-	114305	12 1.7	
Sprinter 414 2.3	(904)[M111.979]	02.95- 02.01	111902	14 115	02.95- 03.00	111347	12 1.2	
					02.95- 03.00	111347	12 1.2	
Sprinter 414 2.3 4x4	(904)[M111.979]	05.97-	111902	14 115	05.97-	111347	12 1.2	
					05.97- 05.06	111347	12 1.2	
Sprinter 415 2.1 CDI	(906)[OM646.986]	06.09-	114102	14 180	06.09-	114093	12 1.7	
		06.09-	115413	14 220	A25 06.09-	115334	12 2.0	
		06.09-	116068	14 180	06.09-	115512	12 1.7 A49	
		[OM646.989]	06.06-	113951	14 200	06.06-	111851	12 2.0
			06.06-	114102	14 180	06.06-	114093	12 1.7
			06.06-	114392	14 90	A25 06.06-	115334	12 2.0
			06.06-	116068	14 180	06.06-	115512	12 1.7 A49
		[OM646.990]	06.06-	113951	14 200			
	06.06-		114102	14 180	06.06-	114093	12 1.7	
	06.06-		114392	14 90				
	06.06-		115413	14 220	06.06-	115334	12 2.0	
	06.06-		116068	14 180	06.06-	115512	12 1.7 A49	
	06.06-		115413	14 220				
	Sprinter 416 2.1 CDI	(906)[OM651.957]	03.09-	114146	14 120			
03.09-			114876	14 180 A49				
03.09-			115413	14 220	03.09-	114093	12 1.7	
03.09-			115437	14 180	03.09-	114305	12 1.7	
03.09-			116142*	14 220	03.09-	114742	12 1.8	
03.09-			116309	14 180	03.09-	115512	12 1.7 A49	
(907)			02.18-	116309	14 180	A25 02.18-	114850	12 2.5
			02.18-	116142*	14 220	A25 02.18-	114742	12 1.8
			A25 02.18-	115437	14 180	02.18-	114305	12 1.7
			02.18-	115413	14 220			
Sprinter 416 2.7 CDI	(904)[OM612.981]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90	04.00-	111851	12 2.0	
		12.99-	112425	14 150				
		12.99- 05.06	115485	14 90 A49	12.99-	112440	12 2.2	
Sprinter 416 2.7 CDI 4x4	(904)[OM612.981]	04.00-	112197	14 115				
		04.00- 05.06	113889	14 90	04.00-	111851	12 2.0	
		04.00- 05.06	115485	14 90 A49	12.99-	112440	12 2.2	
		12.99-	112425	14 150				



Sprinter 418 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180 A49					
		06.06-	115912	14 220					
		06.06-	116113	14 180		06.06-	114507	12 1.8	
	[OM642.992]	06.06-	115912	14 220		06.09-	114507	12 1.8	
		06.09-	114042	14 180 A49					
		06.09-	116113	14 180					
Sprinter 419 3.0 CDI	(906)[OM642.896]	06.06-	115912	14 220		06.06-	114507	12 1.8	
		A25 03.09-	115924	14 180					
		A25 03.09-	114042	14 180 A49					
	A25 03.09-	116113	14 180		03.09-	111768*	12 1.7		
	A25				03.09-	114507	12 1.8		
	[OM642.898]	A25 03.09-	115924	14 180		03.09-	111768*	12 1.7	
		A25				03.09-	114507	12 1.8	
	[OM642.992]	A25 03.09-	115924	14 180					
		A25				03.09-	114507	12 1.8	
	(907)				A25 02.18-	116083	12 1.8		
	02.18-	116113	14 180		02.18-	114507	12 1.8		
	A25 02.18-	115924	14 180		02.18-	111768*	12 1.7		
	02.18-	115912	14 220						
Sprinter 424 3.5	(906)[M272.979]	06.06-	114454	14 180					
		06.06-	115905	14 150					
		06.06-	116081	14 220		06.06-	114178	12 1.4	
Sprinter 509 2.1 CDI	(906)[OM646.984]	06.06-	114102	14 180					
		06.06-	114392	14 90		06.06-	114093	12 1.7	
		06.06-	116068	14 180		06.06-	115512	12 1.7 A49	
Sprinter 510 2.1 CDI	(906)[OM651.955]	03.09-	114146	14 120					
		03.09-	114876	14 180 A49					
		03.09-	115413	14 220					
		03.09-	115437	14 180					
		03.09-	116142*	14 220		03.09-	114305	12 1.7	
		03.09-	116309	14 180		03.09-	114742	12 1.8	
Sprinter 511 2.1 CDI	(906)[OM646.985]	06.06-	114102	14 180					
		06.06-	114392	14 90		06.06-	114093	12 1.7	
		06.06-	116068	14 180		06.06-	115512	12 1.7 A49	
		(907)	02.18-	116142*	14 220		A25 02.18-	114742	12 1.8
						02.18-	114305	12 1.7	
Sprinter 511 2.1 CDI 4x4	(906)[OM646.985]	06.06-	114102	14 180		06.06-	114093	12 1.7	
		06.06-	116068	14 180		A25 06.06-	115334	12 2.0	
						06.06-	115512	12 1.7 A49	
Sprinter 511 2.2 CDI	(906)[OM651.955]	05.16-	116142*	14 220		05.16-	114742	12 1.8	
						05.16-	114305	12 1.7	
Sprinter 513 2.1 CDI	(906)[OM646.986]	06.06-	114146	14 120					
		06.06-	114876	14 180 A49					
		06.06-	115413	14 220					
		06.06-	115437	14 180					
		06.06-	116142*	14 220		06.06-	114305	12 1.7	
		06.06-	116309	14 180		06.06-	114742	12 1.8	
		[OM651.955]	06.06-	114146	14 120				
			06.06-	115437	14 180		06.06-	114305	12 1.7
			06.06-	116142*	14 220		06.06-	114742	12 1.8
		[OM651.956]	06.06-	114146	14 120				
			06.06-	114876	14 180 A49				
			06.06-	115437	14 180				
			06.06-	116142*	14 220		06.06-	114305	12 1.7
			06.06-	116309	14 180		06.06-	114742	12 1.8
Sprinter 513 2.1 CDI 4x4	(906)[OM651.956]	06.06-	114876	14 180 A49					
		06.06-	116142*	14 220		06.06-	114305	12 1.7	
		06.06-	116309	14 180		06.06-	114742	12 1.8	
Sprinter 513 2.2 CDI		06.06-	116142*	14 220		06.06-	114850	12 2.5	
		06.06-	115437	14 180		06.06-	114742	12 1.8	
		06.06-	115413	14 220		06.06-	114305	12 1.7	
		06.06-	114146	14 120					
Sprinter 514 2.1 CDI	(907)	02.18-	116142*	14 220		A25 02.18-	114742	12 1.8	
						02.18-	114305	12 1.7	
Sprinter 514 2.2 CDI	(906)[OM651.955]	05.16-	116142*	14 220		05.16-	114742	12 1.8	
						05.16-	114305	12 1.7	
Sprinter 514 2.2 CDI 4x4	(906)[OM651.955]	05.16-	116142*	14 220		05.16-	114742	12 1.8	
						05.16-	114305	12 1.7	
Sprinter 515 2.1 CDI	(906)[OM646.986]	06.06-	114102	14 180		06.06-	114093	12 1.7	
		06.06-	114392	14 90		06.06-	115512	12 1.7 A49	
		06.06-	116068	14 180					
	[OM646.989]	06.06-	114102	14 180					
		06.06-	114392	14 90		06.06-	114093	12 1.7	
		06.06-	116068	14 180		06.06-	115512	12 1.7 A49	
	[OM646.990]	06.06-	113951	14 200					
		06.06-	114102	14 180					
		06.06-	114392	14 90		06.06-	114093	12 1.7	
	06.06-	115413	14 220		06.06-	115334	12 2.0		
	06.06-	116068	14 180		06.06-	115512	12 1.7 A49		
Sprinter 515 2.1 CDI 4x4	(906)[OM646.989]	06.06-	113951	14 200		06.06-	114093	12 1.7	
		06.06-	114102	14 180		06.06-	115334	12 2.0	
		06.06-	116068	14 180		06.06-	115512	12 1.7 A49	
	[OM646.990]	06.06-	113951	14 200		06.06-	114093	12 1.7	
		06.06-	114102	14 180		A25 06.06-	115334	12 2.0	
		06.06-	116068	14 180		06.06-	115512	12 1.7 A49	
Sprinter 516 2.1 CDI	(906)[OM651.957]	03.09-	114146	14 120					
		03.09-	114876	14 180 A49					
		03.09-	115413	14 220		03.09-	114093	12 1.7	
		03.09-	115437	14 180		03.09-	114305	12 1.7	
		03.09-	116142*	14 220		03.09-	114742	12 1.8	
		03.09-	116309	14 180		03.09-	115512	12 1.7 A49	
		(907)	02.18-	116309	14 180		A25 02.18-	114850	12 2.5
			02.18-	116142*	14 220		A25 02.18-	114742	12 1.8
			A25 02.18-	115437	14 180		02.18-	114305	12 1.7
			02.18-	115413	14 220				
	02.18-	114146	14 120						

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ *Continued*

Sprinter 516 2.1 CDI 4x4	(906)[OM651.955]	06.06-	114146	14 120					
		06.06-	114876	14 180 A49					
		06.06-	115413	14 220					
		06.06-	115437	14 180					
		06.06-	116142*	14 220		06.06-	114305	12 1.7	
		06.06-	116309	14 180		06.06-	114742	12 1.8	
		[OM651.957]	06.06-	114146	14 120				
		06.06-	114876	14 180 A49					
		06.06-	115413	14 220					
		06.06-	115437	14 180					
Sprinter 516 2.2 CDI	(906)[OM642.896]	06.06-	116142*	14 220		06.06-	114305	12 1.7	
		06.06-	116309	14 180		06.06-	114742	12 1.8	
		03.09-	116142*	14 220		03.09-	114850	12 2.5	
		03.09-	115437	14 180		03.09-	114742	12 1.8	
		03.09-	115413	14 220		03.09-	114305	12 1.7	
Sprinter 518 3.0 CDI	(906)[OM642.896]	03.09-	114146	14 120					
		06.06-	114042	14 180 A49					
		06.06-	115912	14 220					
		06.06-	116113	14 180		06.06-	114507	12 1.8	
		06.06-	115912	14 220					
Sprinter 518 3.0 CDI 4x4	(906)[OM642.896]	06.06-	114042	14 180 A49					
		06.06-	115912	14 220					
		06.06-	116113	14 180		06.06-	114507	12 1.8	
		06.06-	114042	14 180 A49					
		06.06-	115912	14 220					
Sprinter 519 3.0 CDI	(906)[OM642.896]	06.06-	114042	14 180 A49					
		06.06-	115912	14 220					
		06.06-	116113	14 180		06.06-	114507	12 1.8	
		[OM642.992]	06.06-	114042	14 180 A49				
		[OM642.993]	06.06-	115912	14 220				
		06.06-	115912	14 220		06.06-	114507	12 1.8	
		06.06-	116113	14 180		06.06-	114507	12 1.8	
		[OM642.993]	06.06-	114042	14 180 A49				
		06.06-	115912	14 220					
		06.06-	116113	14 180		06.06-	114507	12 1.8	
Sprinter 519 3.0 CDI BlueTec	(906)[OM642.896]	A25 03.09-	115924	14 180		03.09-	111768*	12 1.7	
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180					
		A25				03.09-	114507	12 1.8	
		[OM642.898]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		A25				03.09-	114507	12 1.8	
		[OM642.992]	A25 03.09-	115924	14 180				
		(907)				A25 02.18-	116083	12 1.8	
Sprinter 519 3.0 CDI 4x4	(906)[OM642.896]	02.18-	116113	14 180		02.18-	114507	12 1.8	
		A25 02.18-	115924	14 180		02.18-	111768*	12 1.7	
		02.18-	115912	14 220					
		A25 03.09-	115924	14 180		03.09-	114507	12 1.8	
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		[OM642.898]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		A25				03.09-	114507	12 1.8	
Sprinter 524 3.5	(906)[M272.979]	A25 03.09-	115924	14 180		03.09-	114507	12 1.8	
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		[OM642.898]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49					
Sprinter 616 2.7 CDI	(906)[M272.979]	A25 03.09-	116113	14 180		03.09-	114507	12 1.8	
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	115924	14 180					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		A25				03.09-	114507	12 1.8	
T1 2.3	(602)[M102.942]	A25 03.09-	115924	14 180		03.09-	114507	12 1.8	
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		[OM642.898]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		[OM642.992]	A25 03.09-	115924	14 180				
		A25 03.09-	114042	14 180 A49					
		A25 03.09-	116113	14 180		03.09-	111768*	12 1.7	
		A25				03.09-	114507	12 1.8	
T1 210 2.3	(601)[M115.955]	03.09-	116113	14 180		03.09-	114507	12 1.8	
		03.09-	115924	14 180					
		03.09-	115912	14 220					
		03.09-	114042	14 180 A49					
		03.09-	114454	14 180					
T1 310 2.3	(602)[M102.942]	06.06-	114454	14 180					
		06.06-	115905	14 150					
		06.06-	116081	14 220		06.06-	114178	12 1.4	
		[M102.942]	04.01-	112425	14 150				
		04.01- 05.06	113889	14 90		04.01-	111851	12 2.0	
V 200 2.0	(638)[M111.948]	04.01- 05.06	115485	14 90 A49		02.01-	112440	12 2.2	
		01.82- 12.94	110358	14 55		01.82- 12.94	111347	12 1.2	
		01.82- 12.94	110923	14 55					
		01.82- 12.94	111093	14 70					
		01.82- 12.94	111149	14 80					
		01.82- 12.94	112529	14 90					
		01.82- 12.94	112734	14 80					
		01.82- 12.94	116129	14 90					
		[M102.945]	01.89- 12.95	111093	14 70		01.82- 12.94	110862	12 1.5
		01.89- 12.95	111149	14 80		01.89- 12.95	110862	12 1.5	
01.89- 12.95	112734	14 80		01.89- 12.95	111347	12 1.2			
V 200 2.1 CDI	(W447)[OM651.950]	05.77- 12.82	110358	14 55					
		06.89- 02.96	110923	14 55					
		06.89- 02.96	111093	14 70		06.89- 02.96	110862	12 1.5	
V 200 2.2 CDI	(638)[M111.948]	06.89- 02.96	112734	14 80		06.89- 02.96	111347	12 1.2	
		04.96-	111902	14 115					
		03.99-	112425	14 150		04.96-	111347	12 1.2	
V 220 2.1 CDI	(W447)[OM651.950]	[M111.950]	02.97- 07.03	111902	14 115				
		02.97- 07.03	112425	14 150		02.97- 07.03	111347	12 1.2	
		03.14-	115988	14 150		03.14-	114305	12 1.7	
V 220 2.2 CDI	(638)[OM611.980]	03.14-	116142*	14 220		03.14-	114742	12 1.8	
		03.99-	112197	14 115					
		03.99-	112425	14 150					
V 220 2.1 CDI	(W447)[OM651.950]	03.99- 07.03	113889	14 90					
		03.99- 07.03	115485	14 90 A49		03.99-	111851	12 2.0	
		03.14-	115988	14 150		03.14-	114305	12 1.7	
				03.14-	114742	12 1.8			



V 220 2.2 CDI	(638)[OM611.980]	03.99- 03.99- 03.99- 07.03 03.99- 07.03	112197 112425 113889 115485	14 115 14 150 14 90 14 90 A49		03.99-	111851	12 2.0
V 220 2.2 CDI 4-Matic	(W447)[OM651.950]	04.15- 04.15-	115988 116142*	14 150 14 220		04.15-	114742	12 1.8
V 230 2.3	[M111.978]	10.96-	111902	14 115		10.96-	111347	12 1.2
V 230 2.3 TD	[OM601.970]	04.96- 02.97	113442	14 90		04.96-	111851	12 2.0
V 250 2.1 BlueTec	(W447)[OM651.950]	03.14- 03.14-	115988 116142*	14 150 14 220		03.14- 03.14-	114305 114742	12 1.7 12 1.8
V 250 2.2 Diesel BlueTec 4-Matic	(W447)[OM651.950]	12.14- 12.14-	115988 116142*	14 150 14 220		12.14-	114742	12 1.8
V 280 2.8	(638)[M104.900]	08.97- 07.03	113885	14 150		04.96-	112286	12 1.7
Vaneo 1.6	[M166.961]	02.02-	111967	14 90		10.01- 10.01- 02.02-	116303 111931 113756	12 0.8 12 1.1 12 0.8 A49
Vaneo 1.7 CDI	[OM668.914]	11.01- 11.01-	111943 113251	14 90 14 150				
Vaneo 1.9	[M166.991]				Chas. N230983-	02.02- 02.02-	111931 114525	12 1.1 12 1.3 A49
Vario 613 4.3 Diesel	[OM900.917]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 615 4.3 Diesel	[OM900.918]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 618 4.2 Diesel	[OM900.919]	09.06- 09.06-	113351 115497	28 100 28 80		09.06- 09.06-	111982 114523	24 4.0 24 4.0
	[OM934.911]	09.06- 09.06-	113351 115497	28 100 28 80		09.06- 09.06-	111982 114523	24 4.0 24 4.0
Vario 813 4.3	[OM900.917]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 816 4.3 Diesel	[OM900.918]	01.06- 01.06-	113351 115497	28 100 28 80		01.06- 01.06-	111982 114523	24 4.0 24 4.0
Vario 818 4.2 Diesel	[OM900.919]	09.06- 09.06-	113351 115497	28 100 28 80		09.06- 09.06-	111982 114523	24 4.0 24 4.0
Viano 2.1 CDI	(W639)[OM651.940]	07.10- 07.10- 07.10- 07.10-	114146 114876 115437 116309	14 120 14 180 A49 14 180 14 180		07.10- 07.10- 07.10- A25 07.10-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Viano 2.1 CDI 4 Matic	(639)[OM642.982]	AT 07.05- AT 07.05- AT 07.05- AT 07.05-	115383 113951 114102 116068	14 200 14 200 14 180 14 180		07.05-	111851	12 2.0
	[OM646.982]	AT 07.05- AT 07.05-	115383 113951	14 200 14 200				
Viano 2.1 CDI 4-matic	(W639)[OM651.940]	07.10- 07.10- 07.10-	114876 115437 116309	14 180 A49 14 180 14 180	A25	07.10- 07.10- 07.10-	114850 114305 114742	12 2.5 12 1.7 12 1.8
Viano 2.2 CDI	(639)[OM646.982]	AT 09.03- AT 09.03- AT 09.03-	115383 113951 114102 116068	14 200 14 200 14 180 14 180		09.03-	111851	12 2.0
Viano 3.0 CDI	(W639)[OM642.990]	07.10- 07.10-	114042 116113	14 180 A49 14 180		07.10-	114178	12 1.4
Viano 3.2	(639)[M112.951]	09.03- 09.03-	113302 113835	14 120 14 120		09.03-	113282	12 1.4
Viano 3.5 126	(W639)[M272.978]	09.07- 09.07-	115905 116081	14 150 14 220				
Viano 3.7	(639)[M112.976]	06.04-	113302	14 120				
Vito 2.1 CDI	(W639)[OM646.980]	AT 08.06- AT 08.06- AT 08.06- AT 08.06-	115383 113951 114102 116068	14 200 14 200 14 180 14 180		08.06-	111851	12 2.0
Vito 2.1 CDI 110	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10-	114146 114876 115437 116309	14 120 14 180 A49 14 180 14 180		09.10- 09.10- 09.10- A25 09.10-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Vito 2.1 CDI 113	(W639)[OM651.940]	09.10- 09.10- 09.10-	114876 115437 116309	14 180 A49 14 180 14 180		09.10- 09.10- A25 09.10-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Vito 2.1 CDI 113 4x4	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10-	114146 114876 115437 116309	14 120 14 180 A49 14 180 14 180		09.10- 09.10- 09.10- A25 09.10-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Vito 2.1 CDI 116	(W639)[OM651.940]	09.10- 09.10- 09.10-	114876 115437 116309	14 180 A49 14 180 14 180		09.10- 09.10- A25 09.10-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Vito 2.1 CDI 116 4x4	(W639)[OM651.940]	09.10- 09.10- 09.10- 09.10-	114146 114876 115437 116309	14 120 14 180 A49 14 180 14 180		09.10- 09.10- 09.10- A25 09.10-	114305 114742 114850	12 1.7 12 1.8 12 2.5
Vito 2.2 CDI	(W639)[OM646.980]	AT 09.07- AT 09.07- AT 09.07- AT 09.07-	115383 113951 114102 116068	14 200 14 200 14 180 14 180		09.07-	111851	12 2.0
Vito 2.2 CDI 4x4	(W447)[OM651.950]	07.15- 07.15-	115988 116142*	14 150 14 220		07.15-	114742	12 1.8
	(W639)[OM646.981]	AT 09.07- AT 09.07- AT 09.07- AT 09.07-	115383 113951 114102 116068	14 200 14 200 14 180 14 180		09.07-	111851	12 2.0

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

	[OM646.982]	AT 09.07-	115383	14 200				
		AT 09.07-	113951	14 200				
		AT 09.07-	114102	14 180		09.07-	111851	12 2.0
		AT 09.07-	116068	14 180				
Vito 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180 A49		09.10-	111768*	12 1.7
		09.10-	116113	14 180		09.10-	114178	12 1.4
Vito 3.5	(W639)[M272.978]	09.07-	115905	14 150				
		09.07-	116081	14 220				
Vito / Mixto 2.1 CDI 110	(W639)[OM651.940]	09.10-	114146	14 120				
		09.10-	114876	14 180 A49		09.10-	114742	12 1.8
		09.10-	115437	14 180		A25 09.10-	114850	12 2.5
		09.10-	116309	14 180		09.10-	114305	12 1.7
Vito / Mixto 2.1 CDI 113	(W639)[OM651.940]	09.10-	114876	14 180 A49		09.10-	114305	12 1.7
		09.10-	115437	14 180		09.10-	114742	12 1.8
		09.10-	116309	14 180		A25 09.10-	114850	12 2.5
Vito / Mixto 2.1 CDI 116	(W639)[OM651.940]	09.10-	114876	14 180 A49		09.10-	114305	12 1.7
		09.10-	115437	14 180		09.10-	114742	12 1.8
		09.10-	116309	14 180		A25 09.10-	114850	12 2.5
Vito / Mixto 3.0 CDI 122	(W639)[OM642.890]	09.10-	114042	14 180 A49				
		09.10-	116113	14 180		09.10-	114178	12 1.4
Vito 108 2.2 CDI	(638)[OM611A]	03.99-	112197	14 115				
		03.99-	112425	14 150				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	115485	14 90 A49		03.99-	111851	12 2.0
	[OM611LA]	03.99-	112197	14 115				
		03.99-	112425	14 150				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	115485	14 90 A49		03.99-	111851	12 2.0
Vito 108 2.3 Diesel	(638)[OM601.942]	02.96-	113442	14 90		02.97-	111851	12 2.0
						01.97	111065	12 2.2
Vito 109 2.1 CDI	(639)[OM646.980]	AT 09.06-	115383	14 200				
		AT 09.06-	113951	14 200				
		AT 09.06-	114102	14 180				
		AT 09.06-	116068	14 180		09.06-	111851	12 2.0
	[OM646.983]	AT 09.03-	115383	14 200		09.03-	111851	12 2.0
		AT 09.03-	113951	14 200		09.03-	111768*	12 1.7
Vito 110 2.2 CDI	(638)[OM611LA]	03.99-	112197	14 115				
		03.99-	112425	14 150				
		03.99-	113889	14 90				
		03.99- 07.03	115485	14 90 A49		03.99-	111851	12 2.0
Vito 110 2.3 Diesel	(638)[OM601.970]	02.96-	113442	14 90		02.97-	111851	12 2.0
						01.97	111065	12 2.2
Vito 110 2.3 TD	(638)[OM601.970]	02.96-	113442	14 90				
		03.97- 07.03	112196	14 143 A49				
		03.97- 07.03	114004	14 150		02.97-	111851	12 2.0
Vito 111 2.2 CDI	(639)[OM646.982]	AT 09.03-	115383	14 200		09.03-	111851	12 2.0
		AT 09.03-	113951	14 200				
Vito 112 2.2 CDI	(638)[OM611.980]	03.99-	112197	14 115				
		03.99- 07.03	113889	14 90				
		03.99- 07.03	115485	14 90 A49		03.99-	111851	12 2.0
			112425	14 150				
Vito 113 2.0	(638)[M111.948]	Eng. -009961	11.95- 01.97	111902	14 115	11.95- 12.97	111347	12 1.2
	[M111.950]	Eng. -009961	11.95- 01.97	111902	14 115	11.95- 12.97	111347	12 1.2
Vito 113 2.1 CDI 4x4	(W639)[OM651.940]	09.10-	114146	14 120				
		09.10-	114876	14 180 A49				
		09.10-	115437	14 180		09.10-	114305	12 1.7
		09.10-	116309	14 180		09.10-	114742	12 1.8
Vito 114 2.2 CDI	(W447)[OM651.950]	10.14-	115988	14 150				
		10.14-	116142*	14 220		10.14-	114742	12 1.8
Vito 114 2.2 CDI 4x4	(W447)[OM651.950]	07.15-	115988	14 150				
		07.15-	116142*	14 220		07.15-	114742	12 1.8
Vito 114 2.2 CDI BlueTec	(W447)[OM651.950]	10.14-	115988	14 150		10.14-	114742	12 1.8
Vito 114 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]	07.15-	115988	14 150				
		07.15-	116142*	14 220		07.15-	114742	12 1.8
Vito 114 2.3	(638)[M111.978]	Eng. -009961	11.95- 01.97	111902	14 115	11.95- 12.97	111347	12 1.2
Vito 115 2.2 CDI	(639)[OM646.982]	AT 09.03-	115383	14 200				
		AT 09.03-	113951	14 200				
		AT 09.03-	114102	14 180				
		AT 09.03-	116068	14 180		09.03-	111851	12 2.0
Vito 116 2.1 CDI 4x4	(W639)[OM651.940]	09.10-	114146	14 120				
		09.10-	114876	14 180 A49				
		09.10-	115437	14 180		09.10-	114305	12 1.7
		09.10-	116309	14 180		09.10-	114742	12 1.8
Vito 116 2.2 CDI	(W447)[OM651.950]	10.14-	115988	14 150				
		10.14-	116142*	14 220		10.14-	114742	12 1.8
Vito 116 2.2 CDI BlueTec	(W447)[OM651.950]	10.14-	115988	14 150		10.14-	114742	12 1.8
Vito 116 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]	07.15-	115988	14 150		07.15-	114742	12 1.8
Vito 119 2.2 CDI 4x4	(W447)[OM651.950]	12.14-	115988	14 150				
		12.14-	116142*	14 220		12.14-	114742	12 1.8
Vito 119 2.2 CDI BlueTec	(W447)[OM651.950]	10.14-	115988	14 150				
		10.14-	116142*	14 220		10.14-	114742	12 1.8
Vito 119 2.2 Diesel BlueTEC 4x4	(W447)[OM651.950]	12.14-	115988	14 150				
		12.14-	116142*	14 220		12.14-	114742	12 1.8
Vito 119 3.2	(639)[M112.951]	09.03-	113835	14 120		10.03-	113282	12 1.4
		10.03-	113302	14 120				
Vito 122 3.2	(639)[M112.951]	09.03-	113835	14 120				
		10.03-	113302	14 120				
Vito 123 3.7	(639)[M112.976]	06.04-	113302	14 120				
		06.04-	113835	14 120				
Vito Mixto 114 2.2 CDI	(W447)[OM651.950]	10.14-	115988	14 150				
		10.14-	116142*	14 220		10.14-	114742	12 1.8
Vito Mixto 116 2.2 CDI	(W447)[OM651.950]	10.14-	115988	14 150				
		10.14-	116142*	14 220		10.14-	114742	12 1.8



TRUCKS EU									
204 11.9	(Actros MP2 / MP3)[OM541.948]	06.08-	113351	28 100					
		06.08-	115497	28 80 A49					
		06.08-	115557	28 100 A49					
	[OM541.978]	06.08-	113351	28 100					
		06.08-	115497	28 80 A49					
		06.08-	115557	28 100 A49					
608 3.8	(LP)[OM314.910]	10.69- 10.77	111141	14 55		RHD 09.73- 10.77	110525	12 3.0	
						11.67- 01.73	110512	24 5.4	
						02.73- 10.77	110524	24 4.0	
	[OM314.944]	10.69- 10.77	111141	14 55			RHD 09.73- 10.77	110525	12 3.0
							10.69- 01.73	110512	24 5.4
							02.73- 10.77	110524	24 4.0
709 3.8	(LP)[OM314.910]	02.66- 07.77	110895	28 55					
		02.66- 07.77	110906	28 30					
		02.66- 12.84	111141	14 55		RHD 11.77- 12.84	110525	12 3.0	
	[OM314.944]	02.66- 07.77	113920	28 35			11.77- 12.84	110524	24 4.0
		02.66- 12.84	111141	14 55			RHD 11.77- 12.84	110525	12 3.0
							11.77- 12.84	110524	24 4.0
709 4.0	(LK/LN2)[OM364.907]	03.84- 10.90	110113	28 27					
		11.86- 02.93	110895	28 55					
		11.86- 02.91	110906	28 30					
		10.88- 02.93	112159	28 80			03.84- 02.93	110524	24 4.0
		03.91- 02.93	113920	28 35			03.84- 02.93	113979	24 4.0
	[OM364.918]	03.84- 10.90	110113	28 27					
		11.86- 10.90	110895	28 55					
		11.86- 02.91	110906	28 30					
		10.88- 10.90	112159	28 80			02.92-	110524	24 4.0
		03.91- 12.98	113920	28 35			02.92- 11.10	113979	24 4.0
711 4.0	(LK/LN2)[OM354.900]	03.94-	110895	28 55					
		03.94-	112159	28 80					
		03.94- 12.98	113920	28 35		04.86-	110524	24 4.0	
711 4.3	(LK/LN2)[OM904.905]	03.96-	112561	28 80		03.96- 12.98	115514	24 4.0 A49	
		03.96- 12.98	113448	28 100		03.96- 12.98	115801	24 4.0	
						03.96-	111982	24 4.0	
712 4.3	(Atego)[OM904.909]	01.98- 01.01	112561	28 80		01.98- 10.04	115801	24 4.0	
		01.98- 01.01	113448	28 100		01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
	(Atego 2)[OM900.911]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM900.917]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM904.909]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
[OM904.915]	10.04-	113351	28 100		10.04-	115514	24 4.0 A49		
	10.04-	115497	28 80 A49		10.04-	111982	24 4.0		
	10.04-	115557	28 100 A49		10.04-	114523	24 4.0		
713 4.3	(Atego 2)[OM900.911]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM900.917]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM904.909]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
	[OM904.915]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
714 4.2	(Atego)[OM904.910]	01.98-	113448	28 100		01.98- 10.04	115514	24 4.0 A49	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24 4.0	
						01.98-	111982	24 4.0	
	[OM904.916]	09.02-	113351	28 100		01.98- 10.04	115801	24 4.0	
		01.98-	113448	28 100		09.00-	111982	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115801	24 4.0	
[OM904.910]	01.98- 10.04	115557	28 100 A49		01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0 A49		
715 4.3	(Atego)[OM904.922]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49	
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0		
	10.04-	115497	28 80 A49		10.04-	114523	24 4.0		
	10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49		
[OM904.922]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49		
					10.04-	114523	24 4.0		
716 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
[OM904.922]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49		
					10.04-	114523	24 4.0		
717 4.2	(Atego)[OM904.911]	01.98-	112561	28 80		01.98- 10.04	114523	24 4.0	
		01.98-	113448	28 100		01.98- 10.04	115514	24 4.0 A49	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115801	24 4.0	
						01.98-	111982	24 4.0	

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	[OM904.917]	01.98-	113351	28 100	09.00-	111982	24 4.0
		01.98-	113448	28 100	01.98- 10.04	115801	24 4.0
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	114523	24 4.0
		01.98- 10.04	115557	28 100 A49	01.98- 10.04	115514	24 4.0 A49
808 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14 55	RHD 09.73- 12.84	110525	12 3.0
					10.69- 01.73	110512	24 5.4
					02.73- 12.84	110524	24 4.0
	[OM314.944]	10.69- 12.84	111141	14 55	RHD 09.73- 12.84	110525	12 3.0
					10.69- 01.73	110512	24 5.4
					02.73- 12.84	110524	24 4.0
	[OM314.964]	11.77- 12.84	111141	14 55	09.63- 12.84	110525	12 3.0
					09.63- 12.84	110524	24 4.0
	[OM314.965]	11.77- 12.84	111141	14 55	09.63- 12.84	110525	12 3.0
					09.63- 12.84	110524	24 4.0
809 3.8	(LP)[OM314.910]	10.69- 12.84	111141	14 55	RHD 09.73- 12.84	110525	12 3.0
					10.69- 01.73	110512	24 5.4
					02.73- 12.84	110524	24 4.0
	[OM314.944]	10.69- 12.84	111141	14 55	RHD 02.73- 12.84	110524	24 4.0
					11.77- 12.84	110525	12 3.0
					10.69- 01.73	110512	24 5.4
	[OM314.964]	11.77- 12.84	111141	14 55	09.63- 12.84	110525	12 3.0
					09.63- 12.84	110524	24 4.0
	[OM314.965]	11.77- 12.84	111141	14 55	09.63- 12.84	110525	12 3.0
					09.63- 12.84	110524	24 4.0
809 4.0	(LK/LN2)[OM364.907]	03.84- 10.86	110113	28 27			
		11.86- 02.93	110895	28 55			
		11.86- 02.91	110906	28 30			
		10.88- 02.93	112159	28 80	03.84- 02.93	110524	24 4.0
		03.91- 02.93	113920	28 35	03.84- 02.93	113979	24 4.0
	[OM364.918]	03.84- 10.86	110113	28 27			
		11.86- 02.91	110906	28 30			
		12.86-	110895	28 55			
		10.88-	112159	28 80	02.92-	110524	24 4.0
		03.91- 12.98	113920	28 35	02.92- 12.98	113979	24 4.0
811 4.0	(LK/LN2)[OM354.900]	03.94-	110895	28 55			
		03.94-	112159	28 80	03.94- 12.98	110524	24 4.0
		03.94- 12.98	113920	28 35	03.94- 12.98	115801	24 4.0
	[OM904.905]	03.94-	110895	28 55			
		03.94-	112159	28 80	03.94-	110524	24 4.0
		03.94- 12.98	113920	28 35	03.94- 12.98	115801	24 4.0
811 4.2	(LK/LN2)[OM904.905]	03.96- 12.99	112561	28 80	03.96- 12.98	115514	24 4.0 A49
		03.96- 12.99	113448	28 100	03.96- 12.99	115801	24 4.0
					03.96-	111982	24 4.0
					03.96- 12.99	114523	24 4.0
812 4.2	(Atego 2)[OM904.909]				10.04-	114523	24 4.0
					10.04-	115514	24 4.0 A49
812 4.3	(Atego)[OM904.909]	01.98- 01.01	112561	28 80	01.98- 10.04	115514	24 4.0 A49
		01.98- 01.01	113448	28 100	01.98- 10.04	115801	24 4.0
					01.98- 01.01	111982	24 4.0
					01.98- 10.04	114523	24 4.0
	(Atego 2)[OM900.909]	10.04-	115497	28 80 A49	10.04-	115514	24 4.0 A49
					10.04-	114523	24 4.0
	[OM900.911]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
	[OM900.917]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
813 4.3	(Atego 2)[OM900.909]	10.04-	115497	28 80 A49	10.04-	115514	24 4.0 A49
					10.04-	114523	24 4.0
	[OM900.911]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
	[OM900.917]	10.04-	113351	28 100	10.04-	111982	24 4.0
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0 A49
813 5.7	(LP)[OM353.904]	08.79- 12.84	111141	14 55	09.73- 12.84	110525	12 3.0
	[OM353.941]	10.69-	111141	14 55	10.69-	110525	12 3.0
	[OM353.965]	Eng. 538581- 10.69-	111141	14 55			
		Eng. 538581- 08.79- 12.84	111141	14 55	10.69- 12.84	110525	12 3.0
	[OM353.981]	03.73- 12.84	111141	14 55	09.63- 12.84	110525	12 3.0
814 4.0	(LK/LN2)[OM354.920]	03.94-	110895	28 55			
		03.94-	112159	28 80			
		03.94- 12.98	113920	28 35	03.94-	110524	24 4.0
	[OM354.921]	03.94-	110895	28 55			
		03.94-	112159	28 80			
		03.94- 12.98	113920	28 35	03.94-	110524	24 4.0
	[OM354.922]	03.94-	110895	28 55			
		03.94-	112159	28 80	03.94-	110524	24 4.0
814 4.2	(Atego)[OM904.910]	01.98- 10.04	115497	28 80 A49	01.98- 10.04	115514	24 4.0 A49
					01.98-	111982	24 4.0
					01.98- 10.04	114523	24 4.0
	[OM904.916]	01.98- 10.04	115497	28 80 A49	01.98- 10.04	115514	24 4.0 A49
					01.98-	111982	24 4.0
					01.98- 10.04	114523	24 4.0
	(LK/LN2)[OM904.906]	03.96-	112561	28 80	03.96- 12.98	115801	24 4.0
					03.96-	111982	24 4.0
					03.96- 12.98	114523	24 4.0
					03.96- 12.99	115514	24 4.0 A49
814 6.0	(LK/LN2)[OM356.901]	03.84- 10.86	110113	28 27			
		11.86- 02.93	110895	28 55			
		11.86- 02.91	110906	28 30			
		10.88- 02.93	112159	28 80	03.84- 12.93	110524	24 4.0
		02.92-	111842	28 140			
		02.92- 12.98	113920	28 35	02.92- 11.10	113979	24 4.0



	[OM356.902]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86- 02.93	110895	28 55					
		10.88- 02.93	112159	28 80		02.92- 12.98	113979	24 4.0	
		02.92- 12.98	113920	28 35		03.84- 02.93	110524	24 4.0	
	[OM356.905]	02.92-	110895	28 55		02.92-	110524	24 4.0	
	[OM356.906]	10.88-	112159	28 80		12.86-	110524	24 4.0	
		06.91-	110895	28 55					
	[OM356.911]	02.92- 12.98	113920	28 35		05.86- 09.93	110524	24 4.0	
	[OM366.905]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		11.86- 02.93	113920	28 35		03.84- 02.93	113979	24 4.0	
		12.86- 02.93	110895	28 55					
		10.88- 02.93	112159	28 80		03.84- 02.93	110524	24 4.0	
	[OM366.906]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86- 02.93	110895	28 55					
		10.88- 02.93	112159	28 80		03.84- 02.93	110524	24 4.0	
		03.91- 02.93	113920	28 35		03.84- 11.10	113979	24 4.0	
	[OM366.907]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86- 02.93	110895	28 55					
		10.88- 02.93	112159	28 80		03.84- 02.93	110524	24 4.0	
		03.91- 02.93	113920	28 35		03.84- 12.98	113979	24 4.0	
	[OM366.910]	03.84- 10.86	110113	28 27					
		03.84- 02.93	110895	28 55					
		03.84- 02.93	112159	28 80		03.84- 02.93	110524	24 4.0	
		03.84- 12.98	113920	28 35		03.84- 12.98	113979	24 4.0	
		11.86- 02.91	110906	28 30					
	[OM366.932]	10.88-	112159	28 80		12.86-	110524	24 4.0	
		06.91-	110895	28 55					
815 4.3	(Atego)[OM900.912]	01.98- 01.01	112561	28 80		01.98- 10.04	114523	24 4.0	
		01.98- 01.01	113448	28 100		01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115801	24 4.0	
	[OM904.922]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24 4.0	
						01.98- 01.01	111982	24 4.0	
	[OM906.922]	01.98-	113448	28 100		01.98- 10.04	115514	24 4.0	A49
						01.98-	111982	24 4.0	BO
						01.98- 10.04	114523	24 4.0	
	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM904.922]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
815 4.8	(Accelo)[OM924.990]					01.12-	111982	24 4.0	
816 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM904.922]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
817 4.2	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96-	115801	24 4.0	
						03.96-	111982	24 4.0	
						03.96-	114523	24 4.0	
						03.96- 12.99	115514	24 4.0	A49
817 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
	[OM904.917]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
817 6.0	(LK/LN2)[OM356.948]	06.91-	110895	28 55					
		06.91-	112159	28 80		02.92-	110524	24 4.0	
	[OM356.951]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30		03.84-	110524	24 4.0	
		12.86- 12.98	110895	28 55					
		10.88- 12.98	112159	28 80		12.92- 12.98	113979	24 4.0	
	[OM357.900]	06.91-	110895	28 55					
		06.91-	112159	28 80					
		03.94- 12.98	113920	28 35		01.86- 09.93	110524	24 4.0	
	[OM357.908]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30		03.84-	110524	24 4.0	
		12.86-	110895	28 55					
		10.88-	112159	28 80		03.94- 12.98	113979	24 4.0	
	[OM357.916]	06.91-	110895	28 55					
		06.91-	112159	28 80					
		03.94- 12.98	113920	28 35		03.94-	110524	24 4.0	
	[OM357.917]	06.91-	110895	28 55					
		06.91-	112159	28 80					
		03.94- 12.98	113920	28 35		02.92-	110524	24 4.0	
	[OM366.942]	06.91-	110895	28 55					
		06.91-	112159	28 80					
		02.92- 12.98	113920	28 35		01.86- 09.93	110524	24 4.0	
	[OM366.943]	06.91-	110895	28 55					
		06.91-	112159	28 80					
		02.92- 12.98	113920	28 35		01.86- 09.93	110524	24 4.0	



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	[OM366.967]	03.84- 02.93 11.86- 12.91 12.86- 02.93 10.88- 02.93	113920 110906 110895 112159	28 35 28 30 28 55 28 80		03.84- 09.93	110524	24 4.0
	[OM366.968]	01.86- 02.93 10.88- 05.91 06.91-	113920 112159 110895	28 35 28 80 28 55		03.84- 02.93 01.86-	113979 110524	24 4.0 24 4.0
	[OM366.969]	10.88- 05.91 06.91-	112159 110895	28 80 28 55		06.86- 02.93	110524	24 4.0
	[OM366.973]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 03.84- 02.93	110524 113979	24 4.0 24 4.0
818 4.2	(Atego 2)[OM900.913]	02.06-	115497	28 80 A49		02.06- 10.04-	115514 114523	24 4.0 A49 24 4.0
	[OM900.919]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 A49 24 4.0
818 4.3	(Atego 2)[OM900.913]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM900.919]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
822 4.8	(Atego 2)[OM924.920]	10.04- 10.04- 10.04- 10.04-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM924.922]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49		10.04- 10.04- 10.04- 06.06- 10.04-	114523 115896 115514 111982 114086	24 4.0 24 5.5 A49 24 4.0 A49 24 4.0 24 5.5
	[OM924.930]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49		10.04-	115514	24 4.0 A49
823 6.4	(Atego)[OM902.916]	01.98- 01.98- 01.98-	113351 115497 115557	28 100 28 80 A49 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	01.98- 01.01 01.98- 01.01 01.98-	112561 113448 115497	28 80 28 100 28 80 A49		01.98- 10.04 01.98- 10.04 01.98- 01.01 01.98- 10.04	114523 115514 111982 115801	24 4.0 24 4.0 A49 24 4.0 BO 24 4.0
	[OM906.915]	01.98- 01.01 01.98- 01.98- 01.01 01.98-	112561 113351 113448 115557	28 80 28 100 28 100 28 100 A49		01.98- 10.04 01.98- 01.98- 10.04 01.98- 10.04	115514 111982 115801 114523	24 4.0 A49 24 4.0 24 4.0 24 4.0
824 6.4	(Atego)[OM902.916]	01.98- 01.98- 01.98-	113351 115497 115557	28 100 28 80 A49 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	01.98- 01.98- 01.98-	113351 115497 115557	28 100 28 80 A49 28 100 A49		01.98- 01.98- 01.98-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	01.98- 01.98-	113351 115557	28 100 28 100 A49		01.98- 01.98-	114523 115514	24 4.0 24 4.0 A49
824 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.10-	113351 115557 115497	28 100 28 100 A49 28 80 A49		10.04- 10.04-	115896 114086	24 5.5 A49 24 5.5
826 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04- 10.04-	112561 113351 113448 115557	28 80 28 100 28 100 28 100		10.04- 10.04-	114086 115896	24 5.5 24 5.5
829 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04- 10.04-	112561 113351 113448 115557	28 80 28 100 28 100 28 100		10.04- 10.04-	114086 115896	24 5.5 24 5.5
911 5.7	(LP)[OM352.907]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69 01.67- 03.77	110525 110512 110601	12 3.0 24 5.4 24 5.4
	[OM352.986]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69 01.67- 03.77	110525 110512 110601	12 3.0 24 5.4 24 5.4
	[OM353.909]	01.70- 03.77	111141	14 55		09.73- 03.77 01.67- 12.69	110525 110512	12 3.0 24 5.4
913 5.7	(LP)[OM353.904]	08.79- 12.84	111141	14 55		09.73- 12.84	110525	12 3.0
	[OM353.965]	08.79- 12.84	111141	14 55		09.73- 12.84	110525	12 3.0
	[OM353.981]	08.79- 12.84	111141	14 55		09.63- 12.84	110525	12 3.0
	[OM353.982]	08.79- 12.84	111141	14 55		09.73- 12.84	110525	12 3.0
914 6.0	(LK/LN2)[OM356.901]	03.84- 10.86 11.86- 02.91 12.86- 10.88- 02.92- 12.98	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		03.84- 03.84- 12.98	110524 113979	24 4.0 24 4.0
	[OM356.903]	02.92- 02.92- 12.98	110895 113920	28 55 28 35		02.92- 02.92- 12.98	110524 113979	24 4.0 24 4.0
	[OM356.911]	01.94- 12.98	113920	28 35		01.94- 12.98 01.94-	113979 110524	24 4.0 24 4.0
	[OM366.905]	03.84- 10.86 11.86- 02.91 12.86- 01.87- 02.93 10.88-	110113 110906 110895 113920 112159	28 27 28 30 28 55 28 35 28 80		03.84- 02.93 03.84- 02.93	113979 110524	24 4.0 24 4.0



	[OM366.907]	03.84- 10.86	110113	28 27					
		03.84-	112159	28 80		03.84-	110524	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		03.91- 02.93	113920	28 35		03.84- 02.93	113979	24 4.0	
	[OM366.918]	02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0	
						02.87- 02.93	110524	24 4.0	
	[OM366.930]	03.84- 10.86	110113	28 27					
		07.86- 12.98	113920	28 35		03.84- 12.98	113979	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		03.84-	110524	24 4.0	
	[OM366.940]	01.87- 02.93	113920	28 35		01.87- 02.93	113979	24 4.0	
						01.87- 02.93	110524	24 4.0	
	[OM366.944]	02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0	
						02.87- 02.93	110524	24 4.0	
	[OM366.945]	02.92-	110895	28 55		02.87- 02.93	110524	24 4.0	
		02.92- 12.98	113920	28 35		02.87- 02.93	113979	24 4.0	
915 4.2	(Atego 2)[OM904.922]	10.04-	112561	28 80					
		10.04-	113351	28 100					
		10.04-	113448	28 100					
		10.04-	115497	28 80					
		10.04-	115557	28 100		10.04-	111982	24 4.0	
		10.04-	115805	28 150		10.04-	114523	24 4.0	
915 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM904.922]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
916 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 80 A49		02.06-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
	[OM900.918]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
916 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM900.918]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM904.922]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
917 4.2	(Atego)[OM904.911]	01.98-	113351	28 100		01.98-	111982	24 4.0	
		01.98-	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115514	24 4.0 A49	
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115801	24 4.0	
	(LK/LN2)[OM904.907]	03.96-	112561	28 80		03.96-	115801	24 4.0	
					03.96-	111982	24 4.0		
					03.96-	114523	24 4.0		
					03.96- 12.99	115514	24 4.0 A49		
917 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49	
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
	[OM904.917]	01.98- 01.01	112561	28 80		01.98- 10.04	115801	24 4.0	
		01.98- 01.01	113448	28 100		01.98- 01.01	111982	24 4.0	
					01.98- 10.04	114523	24 4.0		
	[OM904.949]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49	
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
917 6.0	(LK/LN2)[OM356.941]	12.92-	110895	28 55		12.92-	110524	24 4.0	
		12.92-	112159	28 80		12.92- 12.98	113979	24 4.0	
	[OM357.900]	03.94- 12.98	110895	28 55					
		03.94- 12.98	112159	28 80		03.94- 12.98	110524	24 4.0	
		03.94- 12.98	113920	28 35		03.94- 12.98	113979	24 4.0	
	[OM357.901]	03.94-	110895	28 55					
		03.94-	112159	28 80		03.94- 12.98	113979	24 4.0	
		03.94- 12.98	113920	28 35		03.94-	110524	24 4.0	
	[OM357.906]	03.94-	110895	28 55					
		03.94-	112159	28 80		03.94-	110524	24 4.0	
		03.94- 12.98	113920	28 35		03.94- 11.10	113979	24 4.0	
	[OM357.909]	02.87-	110895	28 55		12.92-	110524	24 4.0	
		12.92-	112159	28 80		03.94- 11.10	113979	24 4.0	
	[OM357.910]	02.87-	110895	28 55		12.92-	110524	24 4.0	
		12.92-	112159	28 80		12.92- 12.98	113979	24 4.0	
	[OM357.918]	03.94-	110895	28 55					
		03.94-	112159	28 80		03.94-	110524	24 4.0	
		03.94- 12.98	113920	28 35		03.94- 12.98	113979	24 4.0	
	[OM366.966]	02.87-	110895	28 55		02.87- 02.93	110524	24 4.0	
		02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0	
	[OM366.974]	02.87-	110895	28 55		02.87- 02.93	110524	24 4.0	
		02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0	
	[OM366.978]	02.87-	110895	28 55		02.87- 02.93	110524	24 4.0	
		02.87- 02.93	113920	28 35		02.87- 02.93	113979	24 4.0	
918 4.2	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49		10.04-	115896	24 5.5 A49	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
						02.06-	111982	24 4.0	
						10.04-	114086	24 5.5	
	[OM900.919]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	

STARTERS & ALTERNATORS



Application list

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918 4.3	(Atego 2)[OM900.913]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
	[OM900.919]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
922 4.8	(Atego 2)[OM924.920]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
	[OM924.922]	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5	A49
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
					06.06-	111982	24 4.0	
					10.04-	114086	24 5.5	
	[OM924.930]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
923 6.4	(Atego)[OM906.910]	01.98- 01.01	112561	28 80	01.98- 10.04	114523	24 4.0	
		01.98- 01.01	113448	28 100	01.98- 10.04	115514	24 4.0	A49
					01.98- 01.01	111982	24 4.0	
					01.98- 10.04	115801	24 4.0	
	[OM906.915]	01.98- 01.01	112561	28 80	01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100	01.98- 10.04	115801	24 4.0	
					01.98- 01.01	111982	24 4.0	
					01.98- 10.04	114523	24 4.0	
	(Atego 2)[OM902.916]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
	[OM906.910]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
	[OM906.915]	10.04-	113351	28 100	10.04-	111982	24 4.0	
	10.04-	115497	28 80 A49	10.04-	114523	24 4.0		
	10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49	
924 6.4	(Atego 2)[OM902.916]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
	[OM906.910]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
924 7.2	(Atego 2)[OM925.920]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100	10.04-	114086	24 5.5	
		10.04-	115557	28 100	10.04-	115896	24 5.5	
	[OM906.910]	10.04-	113351	28 100	10.04-	111982	24 4.0	
925 6.4	(Atego)[OM906.919]	01.98- 10.04	112561	28 80				
		01.98- 10.04	113351	28 100	01.98-	111982	24 4.0	
		01.98- 10.04	113448	28 100	01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115557	28 100	01.98- 10.04	115514	24 4.0	
	[OM906.939]	01.98- 10.04	112561	28 80				
926 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115896	24 5.5	A49
		02.06-	115497	28 80 A49	02.06-	115514	24 4.0	A49
					02.06-	111982	24 4.0	
					10.04-	114086	24 5.5	
926 7.2	(Atego 2)[OM925.920]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100	10.04-	114086	24 5.5	
		10.04-	115557	28 100	10.04-	115896	24 5.5	
929 7.2	(Atego 2)[OM925.920]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100	10.04-	114086	24 5.5	
		10.04-	115557	28 100	10.04-	115896	24 5.5	
1013 5.7	(LP)[OM353.904]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0	
	[OM353.965]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0	
	[OM353.981]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0	
	[OM353.982]	08.79- 12.84	111141	14 55	11.76- 12.84	110525	12 3.0	
	(NG)[OM353.942]	07.79- 12.86	111141	14 55	02.76- 12.86	110525	12 3.0	
	[OM353.943]	07.79- 12.86	111141	14 55	02.76- 12.86	110525	12 3.0	
	[OM353.945]	08.79- 12.84	111141	14 55	02.76- 12.84	110525	12 3.0	
	[OM353.946]	08.79- 12.84	111141	14 55	02.76- 12.84	110525	12 3.0	
1015 4.2	(Atego 2)[OM904.922]	10.04-	113351	28 100				
		10.04-	113448	28 100	10.04-	111982	24 4.0	
		10.04-	115557	28 100	10.04-	112561		
		10.04-	115805	28 150	10.04-	114523	24 4.0	
1016 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 80 A49	02.06-	115514	24 4.0	A49
					10.04-	114523	24 4.0	
	[OM900.918]	10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
1016 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
1016 4.8	(Accelo)	10.04-	113351	28 100	10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49	10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
1017 4.2	(Atego)[OM904.911]	01.98-	112561	28 80				
		01.98-	113351	28 100	01.98-	111982	24 4.0	
		01.98-	113448	28 100	01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115497	28 80 A49	01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115557	28 100 A49	01.98- 10.04	115801	24 4.0	



	[OM904.917]	01.98-	112561	28 80					
		01.98-	113351	28 100		01.98-	111982	24 4.0	
		01.98-	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115801	24 4.0	
	(Atego 2)[OM904.917]	10.04-	113351	28 100		10.04-	114086	24 5.5	
		10.04-	113448	28 100		10.04-	114523	24 4.0	
		10.04-	115557	28 100		10.04-	115514	24 4.0	
		10.04-	115805	28 150		10.04-	115896	24 5.5	
						10.04-	111982	24 4.0	
1017 4.3	(Atego)[OM900.913]	01.98- 10.04	112561	28 80		01.98- 10.04	115514	24 4.0	
		01.98- 10.04	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 10.04	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
	[OM904.911]	01.98- 01.01	112561	28 80		01.98- 10.04	114523	24 4.0	
		01.98- 01.01	113448	28 100		01.98- 10.04	115514	24 4.0	A49
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	115801	24 4.0	
	[OM904.917]	01.98- 10.04	112561	28 80					
		01.98- 10.04	113351	28 100		01.98- 10.04	115801	24 4.0	
		01.98- 10.04	113448	28 100		01.98- 10.04	111982	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115514	24 4.0	A49
1017 5.7	(NG)[OM353.950]	11.75- 02.91	111141	14 55		11.75- 02.91	110525	12 3.0	
		02.76- 09.85	110113	28 27		11.75- 02.91	110524	24 4.0	
	[OM353.952]	11.75- 02.91	111141	14 55		11.75- 02.91	110525	12 3.0	
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	[OM353.953]	11.75- 02.91	111141	14 55		11.75- 02.91	110525	12 3.0	
						11.75- 02.91	110524	24 4.0	
	[OM353.954]	11.75- 09.85	111141	14 55		11.75- 05.84	110525	12 3.0	
						11.75- 09.85	110524	24 4.0	
	[OM353.970]	02.76- 12.84	111141	14 55		02.76- 12.84	110525	12 3.0	
	[OM353.971]	02.76- 12.84	111141	14 55		02.76- 12.84	110525	12 3.0	
	[OM353.975]	11.75- 02.91	111141	14 55		11.75- 02.91	110525	12 3.0	
						11.75- 02.91	110524	24 4.0	
1018 4.2	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		02.06-	115514	24 4.0	A49
		02.06-	115497	28 80 A49		10.04-	115896	24 5.5	A49
						02.06-	111982	24 4.0	
						10.04-	114086	24 5.5	
	[OM900.919]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
	[OM904.911]	02.06-	115497	28 80 A49		02.06-	115514	24 4.0	A49
1018 4.3	(Atego)[OM900.913]	01.98- 10.04	112561	28 80					
		01.98- 10.04	113351	28 100					
		01.98- 10.04	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115497	28 80		01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115801	24 4.0	
	[OM904.911]	01.98- 10.04	112561	28 80					
		01.98- 10.04	113351	28 100		01.98- 10.04	111982	24 4.0	
		01.98- 10.04	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115801	24 4.0	
	[OM904.917]	01.98- 10.04	112561	28 80					
		01.98- 10.04	113351	28 100					
		01.98- 10.04	113448	28 100		01.98- 10.04	111982	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115514	24 4.0	A49
	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM900.919]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
1022 4.8	(Atego 2)[OM924.920]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM924.922]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49		10.04-	115896	24 5.5	A49
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
						06.06-	111982	24 4.0	
						10.04-	114086	24 5.5	
	[OM924.930]	10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
1023 6.4	(Atego)[OM906.910]	01.98- 10.04	112561	28 80		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	113448	28 100		01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	111982	24 4.0	
						01.98- 10.04	115801	24 4.0	
	[OM906.915]	01.98- 10.04	112561	28 80					
		01.98- 10.04	113351	28 100					
		01.98- 10.04	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	115514	24 4.0	A49
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	111982	24 4.0	
	(Atego 2)[OM902.916]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM906.910]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
	[OM906.915]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0	A49
1024 6.4	(Atego 2)[OM902.916]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49		10.04-	115896	24 5.5	A49
						10.04-	111982	24 4.0	
						10.04-	114086	24 5.5	

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

	[OM906.910]	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
	[OM906.915]	10.04-113351	28 100	10.04-111982	24 4.0
		10.04-115497	28 80 A49	10.04-114523	24 4.0
		10.04-115557	28 100 A49	10.04-115514	24 4.0 A49
1024 7.2	(Atego 2)[OM925.920]	10.04-112561	28 80		
		10.04-113351	28 100		
		10.04-113448	28 100	10.04-114086	24 5.5
		10.04-115557	28 100	10.04-115896	24 5.5
1026 7.2	(Atego 2)[OM925.920]	10.04-112561	28 80		
		10.04-113351	28 100		
		10.04-113448	28 100	10.04-114086	24 5.5
		10.04-115557	28 100	10.04-115896	24 5.5
1029 7.2	(Atego 2)[OM925.920]	10.04-112561	28 80		
		10.04-113351	28 100		
		10.04-113448	28 100	10.04-114086	24 5.5
		10.04-115557	28 100	10.04-115896	24 5.5
1113 5.7	[LP][OM353.904]	01.80-12.84-111141	14 55	01.80-12.84-110525	12 3.0
	[OM353.982]	01.80-12.84-111141	14 55	01.80-12.84-110525	12 3.0
1114 6.0	(LK/LN2)[OM356.903]	02.87-110895	28 55		
		02.87-02.91-110906	28 30		
		10.88-112159	28 80	02.87-110524	24 4.0
		02.92-12.99-113920	28 35	02.92-12.99-113979	24 4.0
	[OM356.904]	03.84-10.86-110113	28 27		
		11.86-02.91-110906	28 30		
		12.86-110895	28 55		
		10.88-112159	28 80	03.84-110524	24 4.0
		02.92-12.99-113920	28 35	02.92-12.99-113979	24 4.0
	[OM356.907]	12.85-110895	28 55	12.85-110524	24 4.0
		10.88-112159	28 80	02.92-12.99-113979	24 4.0
	[OM356.930]	03.84-10.86-110113	28 27		
		11.86-02.91-110906	28 30		
		12.86-110895	28 55		
		10.88-112159	28 80		
		03.91-02.93-113920	28 35	03.84-02.93-113979	24 4.0
	[OM366.907]	03.84-10.86-110113	28 27		
		08.84-02.93-113920	28 35	03.84-02.93-113979	24 4.0
		11.86-02.91-110906	28 30		
		12.86-110895	28 55		
		10.88-112159	28 80	03.84-110524	24 4.0
	[OM366.914]	03.84-10.86-110113	28 27		
		10.84-02.93-113920	28 35	03.84-02.93-113979	24 4.0
		11.86-02.91-110906	28 30		
		12.86-110895	28 55		
		10.88-112159	28 80	03.84-110524	24 4.0
	[OM366.918]	02.87-110895	28 55		
		02.87-02.91-110906	28 30		
		02.87-02.93-113920	28 35	02.87-02.93-113979	24 4.0
		10.88-112159	28 80	02.87-110524	24 4.0
	[OM366.931]	07.86-02.93-113920	28 35	02.87-02.93-113979	24 4.0
				02.87-02.93-110524	24 4.0
	[OM366.933]	12.85-110895	28 55	12.85-110524	24 4.0
		10.88-112159	28 80	12.85-02.93-113979	24 4.0
	[OM366.935]	07.86-02.93-110895	28 55	02.87-02.93-110524	24 4.0
		07.86-02.93-113920	28 35	02.87-02.93-113979	24 4.0
1117 4.2	(LK/LN2)[OM356.947]	02.92-12.99-113920	28 35	02.92-12.99-113979	24 4.0
				06.87-110524	24 4.0
	[OM356.959]	06.87-12.98-113920	28 35	06.87-12.98-113979	24 4.0
				06.87-12.98-110524	24 4.0
	[OM357.906]	03.94-12.99-113920	28 35	03.94-12.99-113979	24 4.0
				03.94-110524	24 4.0
	[OM366.966]	06.87-12.92-113920	28 35	06.87-12.92-113979	24 4.0
				06.87-110524	24 4.0
	[OM366.975]	09.88-02.93-113920	28 35	09.88-02.93-113979	24 4.0
				06.87-12.98-110524	24 4.0
	[OM366.976]	09.88-02.93-113920	28 35	09.88-02.93-113979	24 4.0
				06.87-12.98-110524	24 4.0
	[OM904.907]	03.96-112561	28 80	03.96-12.99-115514	24 4.0 A49
				03.96-111982	24 4.0
				03.96-114523	24 4.0
				03.96-115801	24 4.0
1117 6.0	(LK/LN2)[OM356.949]	06.90-110895	28 55	03.84-110524	24 4.0
		03.93-112159	28 80	03.93-12.99-113979	24 4.0
	[OM357.901]	03.84-10.86-110113	28 27		
		07.86-12.99-113920	28 35	07.86-12.99-113979	24 4.0
		11.86-02.91-110906	28 30		
		12.86-110895	28 55		
		10.88-112159	28 80	03.84-110524	24 4.0
	[OM357.902]	03.94-12.98-113920	28 35	03.94-12.98-113979	24 4.0
				03.94-12.98-110524	24 4.0
	[OM357.906]	03.94-12.98-113920	28 35	03.94-12.98-113979	24 4.0
				03.94-12.98-110524	24 4.0
	[OM357.907]	04.84-12.98-110895	28 55		
		04.84-12.98-111833	28 140 w/ bushing in rear brackethole		
		04.84-12.98-112159	28 80		
		04.84-12.98-113920	28 35	03.94-12.98-110524	24 4.0
		04.84-12.98-116063	28 140 w/o bushing in rear brackethole	03.94-12.98-113979	24 4.0
	[OM357.918]	03.84-10.86-110113	28 27		
		11.86-02.91-110906	28 30		
		12.86-110895	28 55		
		10.88-112159	28 80	03.84-110524	24 4.0
		03.94-12.99-113920	28 35	03.94-12.99-113979	24 4.0
	[OM357.919]	06.90-110895	28 55	03.84-110524	24 4.0
		09.93-112159	28 80	03.93-12.99-113979	24 4.0



	[OM366.941]	03.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		03.84-	110524	24 4.0	
		02.92- 12.99	113920	28 35		02.92- 12.99	113979	24 4.0	
	[OM366.953]	03.84- 10.86	110113	28 27					
		04.84- 12.92	113920	28 35		03.84- 12.92	113979	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		03.84- 12.92	110524	24 4.0	
	[OM366.962]	03.84- 10.86	110113	28 27					
		04.84- 12.92	113920	28 35		04.84- 12.92	113979	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		03.84-	110524	24 4.0	
	[OM366.970]	04.84- 10.86	110113	28 27					
		07.86- 02.93	113920	28 35		07.86- 02.93	113979	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80					
	[OM366.971]	06.90-	110895	28 55		03.84-	110524	24 4.0	
		03.93-	112159	28 80		03.93- 12.99	113979	24 4.0	
1120 6.0	(LK/LN2)[OM356.986]	06.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		06.84-	110524	24 4.0	
		02.92- 12.99	113920	28 35		02.92- 12.99	113979	24 4.0	
						02.92-	110524	24 4.0	
		[OM356.993]	02.92-	110895	28 55		02.92- 12.99	113979	24 4.0
						02.92-	110524	24 4.0	
		[OM356.994]	02.87-	110895	28 55		10.92- 12.99	113979	24 4.0
						02.87-	110524	24 4.0	
		[OM356.995]	02.87-	110895	28 55		10.92- 12.99	113979	24 4.0
						02.87-	110524	24 4.0	
		[OM356.996]	10.92-	110895	28 55		10.92- 12.99	113979	24 4.0
						10.92-	110524	24 4.0	
		[OM357.920]	06.84- 10.86	110113	28 27				
			11.86- 02.91	110906	28 30				
			12.86-	110895	28 55				
			10.88-	112159	28 80		06.84-	110524	24 4.0
			06.94- 12.99	113920	28 35		06.94- 12.99	113979	24 4.0
		[OM357.927]	06.84- 10.86	110113	28 27				
			11.86- 02.91	110906	28 30				
			12.86-	110895	28 55				
			10.88-	112159	28 80		06.84-	110524	24 4.0
			06.94- 12.99	113920	28 35		06.84- 12.99	113979	24 4.0
		[OM357.929]	06.94- 12.99	113920	28 35		02.92- 12.99	113979	24 4.0
							02.92-	110524	24 4.0
	[OM357.932]	06.84- 10.86	110113	28 27					
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		06.84-	110524	24 4.0	
		06.94- 12.99	113920	28 35		06.94- 12.99	113979	24 4.0	
	[OM366.962]	08.84- 02.93	113920	28 35		08.84- 02.93	113979	24 4.0	
						08.84- 02.93	110524	24 4.0	
	[OM366.988]	06.84- 10.86	110113	28 27					
		06.84- 02.93	113920	28 35		06.84- 02.93	113979	24 4.0	
		11.86- 02.91	110906	28 30					
		12.86-	110895	28 55					
		10.88-	112159	28 80		06.84-	110524	24 4.0	
	[OM366.992]	02.87- 12.92	110895	28 55		08.84- 02.93	113979	24 4.0	
						02.87- 12.92	110524	24 4.0	
	[OM366.993]	02.92-	110895	28 55		02.92- 12.99	113979	24 4.0	
						02.92-	110524	24 4.0	
	[OM366.994]	02.87-	110895	28 55		02.87- 12.92	113979	24 4.0	
						02.87-	110524	24 4.0	
1124 6.0	(LK/LN2)[OM356.979]	03.92-	110895	28 55		03.92-	110524	24 4.0	
		03.92- 12.99	113920	28 35		03.92- 12.99	113979	24 4.0	
						03.92-	110524	24 4.0	
		[OM356.983]	03.92-	110895	28 55		03.92-	110524	24 4.0
			03.92- 12.99	113920	28 35		03.92- 12.99	113979	24 4.0
		[OM356.989]	03.92-	110895	28 55		03.92-	110524	24 4.0
			03.92- 12.99	113920	28 35		03.92- 12.99	113979	24 4.0
		[OM356.991]	03.92-	110895	28 55		03.92- 12.99	113979	24 4.0
			03.92- 12.99	113920	28 35		03.92-	110524	24 4.0
		[OM357.933]	03.92-	110895	28 55		06.94- 12.99	113979	24 4.0
							03.92-	110524	24 4.0
		[OM357.942]	03.92-	110895	28 55		06.94- 12.99	113979	24 4.0
							03.92-	110524	24 4.0
	[OM357.943]	06.94-	110895	28 55		06.94- 12.99	113979	24 4.0	
						03.92-	110524	24 4.0	
	[OM357.944]	06.94-	110895	28 55		06.94- 12.99	113979	24 4.0	
						03.92-	110524	24 4.0	
1213 5.7	(NG)[OM353.943]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0	
	[OM353.944]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0	
	[OM353.945]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0	
	[OM353.946]	09.75- 05.86	111141	14 55		09.75- 05.86	110525	12 3.0	
1214 4.2	(Atego)[OM904.910]	01.98- 10.04	112561	28 80		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	113448	28 100		01.98- 10.04	115514	24 4.0	
						01.98- 10.04	111982	24 4.0	
	[OM904.916]	01.98- 10.04	112561	28 80		01.98- 10.04	114523	24 4.0	
		01.98- 10.04	113448	28 100		01.98- 10.04	115514	24 4.0	
						01.98- 10.04	111982	24 4.0	
1214 4.3	(Atego)[OM904.910]	01.98- 10.04	112561	28 80		01.98- 10.04	115514	24 4.0	
						01.98-	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
						01.98-	111982	24 4.0	
		[OM904.916]				01.98-	111982	24 4.0	
					01.98- 10.04	114523	24 4.0		
					01.98- 10.04	115514	24 4.0		

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1214 6.0	(Flatnose)					06.97- 12.05	110525	12	3.0
1215 4.3	(Atego)[OM904.922]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24	4.0 A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24	4.0
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24	4.0
						01.98- 01.01	111982	24	4.0
	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	114523	24	4.0
		10.04-	115497	28 80 A49		10.04-	115514	24	4.0 A49
		10.04-	115557	28 100 A49		10.04-	111982	24	4.0
	[OM904.922]	10.04-	113351	28 100		10.04-	111982	24	4.0
		10.04-	115497	28 80 A49		10.04-	114523	24	4.0
		10.04-	115557	28 100 A49		10.04-	115514	24	4.0 A49
1216 4.2	(Atego 2)[OM900.912]	02.06-	115497	28 80 A49		02.06-	115514	24	4.0 A49
						10.04-	114523	24	4.0
1216 4.3	(Atego 2)[OM900.912]	10.04-	113351	28 100		10.04-	111982	24	4.0
		10.04-	115497	28 80 A49		10.04-	114523	24	4.0
		10.04-	115557	28 100 A49		10.04-	115514	24	4.0 A49
	[OM904.922]	10.04-	113351	28 100		10.04-	111982	24	4.0
		10.04-	115497	28 80 A49		10.04-	114523	24	4.0
		10.04-	115557	28 100 A49		10.04-	115514	24	4.0 A49
1216 4.8	(Atego 2)[OM924.935]	10.04-	112561	28 80					
		10.04-	113351	28 100					
		10.04-	115557	28 100		10.04-	111982	24	4.0
		10.04-	115805	28 150		10.04-	114523	24	4.0
1217 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24	4.0 A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24	4.0
						01.98- 01.01	111982	24	4.0
						01.98- 10.04	114523	24	4.0
	[OM904.917]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24	4.0 A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24	4.0
						01.98- 01.01	111982	24	4.0
						01.98- 10.04	114523	24	4.0
1217 5.7	(NG)[OM353.950]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12	3.0
		05.83- 09.85	110895	28 55					
		05.83- 09.85	110906	28 30					
		05.83- 09.85	112159	28 80					
	[OM353.951]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12	3.0
		05.83- 09.85	110895	28 55					
		05.83- 09.85	110906	28 30					
		05.83- 09.85	112159	28 80					
	[OM353.952]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12	3.0
		05.83- 09.85	110895	28 55					
		05.83- 09.85	110906	28 30					
		05.83- 09.85	112159	28 80					
	[OM353.953]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12	3.0
		05.83- 09.85	110895	28 55					
		05.83- 09.85	110906	28 30					
		05.83- 09.85	112159	28 80					
	[OM353.970]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12	3.0
	[OM353.971]	09.75- 09.85	111141	14 55		09.75- 09.85	110525	12	3.0
1217 6.0	(LK/LN2)[OM357.901]	03.94- 12.99	113920	28 35		03.94- 12.99	113979	24	4.0
						03.94-	110524	24	4.0
	[OM357.918]	03.94- 12.99	113920	28 35		03.94- 12.99	113979	24	4.0
						03.94-	110524	24	4.0
1218 4.2	(Atego 2)[OM900.913]	02.06-	112561	28 80		10.04-	114523	24	4.0
		02.06-	115497	28 80 A49		02.06-	115514	24	4.0 A49
1218 4.3	(Atego)[OM904.951]	07.01-	112561	28 80					
	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	111982	24	4.0
		10.04-	115497	28 80 A49		10.04-	114523	24	4.0
		10.04-	115557	28 100 A49		10.04-	115514	24	4.0 A49
		02.06-	112561	28 80					
1219 9.6	(NG)[OM401.905]	04.81- 12.84	111141	14 55		09.75- 12.84	113855	24	5.4
						03.77- 12.84	110206	24	5.4
						09.75- 02.77	110210	24	6.6
						09.75- 12.84	112120	24	6.6
	[OM401.906]	04.81- 09.84	111141	14 55		09.75- 09.84	113855	24	5.4
						03.77- 09.84	110206	24	5.4
						09.75- 02.77	110210	24	6.6
						09.75- 09.84	112120	24	6.6
	[OM401.914]	04.81- 09.84	111141	14 55		09.75- 09.84	113855	24	5.4
						03.77- 09.84	110206	24	5.4
						09.75- 02.77	110210	24	6.6
						09.75- 09.84	112120	24	6.6
	[OM401.915]	04.81- 09.84	111141	14 55		09.75- 09.84	113855	24	5.4
						03.77- 09.84	110206	24	5.4
						09.75- 02.77	110210	24	6.6
						09.75- 09.84	112120	24	6.6
	[OM401.918]					03.77- 09.84	110206	24	5.4
						09.75- 02.77	110210	24	6.6
						09.75- 09.84	112120	24	6.6
	[OM401.919]					03.77- 09.84	110206	24	5.4
						09.75- 02.77	110210	24	6.6
						09.75- 09.84	112120	24	6.6
1222 11.0	(MK)[OM441.905]	07.89- 08.94	110895	28 55		07.89- 08.94	110206	24	5.4
		07.89- 02.91	110906	28 30		07.89- 08.94	110512	24	5.4
		07.89- 08.94	112159	28 80		07.89- 08.94	110601	24	5.4
		03.91- 09.91	113920	28 35		07.89- 08.94	113855	24	5.4
	[OM441.913]	07.89- 08.94	110895	28 55		07.89- 08.94	110206	24	5.4
		07.89- 02.91	110906	28 30		07.89- 08.94	110512	24	5.4
		07.89- 08.94	112159	28 80		07.89- 08.94	110601	24	5.4
		03.91- 09.91	113920	28 35		07.89- 08.94	113855	24	5.4
	[OM441.914]	09.89- 07.94	110895	28 55		09.89- 07.94	110206	24	5.4
		09.89- 02.91	110906	28 30		09.89- 07.94	110512	24	5.4
		09.89- 07.94	112159	28 80		09.89- 07.94	110601	24	5.4
		03.91- 09.91	113920	28 35		09.89- 07.94	113855	24	5.4
	[OM441.915]	09.89- 09.93	110895	28 55		09.89- 09.93	113855	24	5.4
						09.89- 09.93	110206	24	5.4



	[OM441.917]	09.89- 09.93	110895	28 55		09.89- 09.93	113855	24 5.4	
						09.89- 09.93	110206	24 5.4	
	[OM441.923]	07.89- 08.94	110895	28 55		07.89- 08.94	110601	24 5.4	
		07.89- 08.94	113920	28 35		07.89- 08.94	113855	24 5.4	
						07.89- 08.94	110206	24 5.4	
						07.89- 08.94	110512	24 5.4	
	[OM441.925]	07.89- 08.94	110895	28 55		07.89- 08.94	113855	24 5.4	
		07.89- 08.94	113920	28 35		07.89- 08.94	110206	24 5.4	
						07.89- 08.94	110512	24 5.4	
						07.89- 08.94	110601	24 5.4	
	[OM441.926]	09.89- 07.94	110895	28 55		09.89- 07.94	110206	24 5.4	
		09.89- 02.91	110906	28 30		09.89- 07.94	110512	24 5.4	
		09.89- 07.94	112159	28 80		08.89- 07.94	110601	24 5.4	
		03.91- 09.91	113920	28 35		09.89- 07.94	113855	24 5.4	
	(NG)[OM421.905]	05.82- 10.90	110895	28 55		05.82- 10.90	110206	24 5.4	
		10.88- 10.90	112159	28 80		05.82- 10.90	113855	24 5.4	
	[OM421.906]	05.82- 12.91	110895	28 55		05.82- 12.92	113855	24 5.4	
		10.88- 12.91	112159	28 80		05.82- 12.91	110206	24 5.4	
1222 4.8	(Atego 2)[OM924.920]	10.04-	113351	28 100		10.04-	111982	24 4.0	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
	[OM924.922]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49		10.04-	115896	24 5.5 A49	
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
						02.06-	111982	24 4.0	
						10.04-	114086	24 5.5	
	[OM924.930]	10.04-	115497	28 80 A49					
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49	
1222 6.0	(MK)[OM356.999]	02.93-	110895	28 55					
		02.93-	112159	28 80					
		02.93- 02.01	113920	28 35		02.93-	110524	24 4.0	
	[OM357.946]	02.93-	110895	28 55					
		02.93-	112159	28 80					
		02.93- 02.01	113920	28 35		02.93-	110524	24 4.0	
	[OM366.999]	02.93-	110895	28 55					
		02.93-	112159	28 80					
		02.93- 02.01	113920	28 35		02.93-	110524	24 4.0	
1223 6.4	(Atego)[OM906.910]	01.98- 09.04	112561	28 80		01.98- 09.04	111982	24 4.0	
		01.98- 09.04	113351	28 100					
		01.98- 09.04	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 09.04	115497	28 80 A49		01.98- 10.04	115801	24 4.0	
		01.98- 09.04	115557	28 100 A49		01.98- 10.04	115514	24 4.0 A49	
	[OM906.915]	01.98- 09.04	112561	28 80					
		01.98- 09.04	113351	28 100		01.98- 09.04	111982	24 4.0	
		01.98- 09.04	113448	28 100		01.98- 10.04	114523	24 4.0	
		01.98- 09.04	115497	28 80 A49		01.98- 10.04	115514	24 4.0 A49	
		01.98- 09.04	115557	28 100 A49		01.98- 10.04	115801	24 4.0	
	(Atego 2)[OM902.916]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
	[OM906.910]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
	[OM906.915]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
1224 6.0	(MK)[OM356.999]	07.89- 08.94	110895	28 55		07.89- 08.94	113979	24 4.0	
						07.89- 08.94	110524	24 4.0	
1224 6.4	(Atego 2)[OM902.916]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
	[OM906.910]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
	[OM906.915]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
						10.04-	114523	24 4.0	
1224 7.2	(Atego 2)[OM925.920]	10.04-	112561	28 80					
		10.04-	113351	28 100					
		10.04-	113448	28 100		10.04-	114086	24 5.5	
		10.04-	115557	28 100		10.04-	115896	24 5.5	
1224 9.6	(MK)[OM401.984]	02.93- 09.96	113920	28 35		02.93- 09.96	113855	24 5.4	
						02.93-	110206	24 5.4	
1225 15.1	(NG)[OM442.907]	05.82- 12.91	113920	28 35					
1225 6.4	(Atego)[OM906.919]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49	
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
	[OM906.939]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49	
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
						01.98- 01.01	111982	24 4.0	
						01.98- 10.04	114523	24 4.0	
1226 11.0	(MK)[OM441.989]	02.93-	110895	28 55		02.93-	110206	24 5.4	
		02.93- 09.96	113920	28 35		02.93- 09.96	113855	24 5.4	
1226 15.1	(MK)[OM442.907]	02.90- 09.93	110895	28 55					
		02.90- 09.93	112159	28 80		02.90- 09.93	110206	24 5.4	
		02.90- 09.93	113920	28 35		02.90- 09.33	113855	24 5.4	
	[OM442.914]	02.90- 09.93	110895	28 55					
		02.90- 09.93	112159	28 80		02.90- 09.93	110206	24 5.4	
		02.90- 09.93	113920	28 35		02.90- 09.93	113855	24 5.4	
	[OM442.920]	02.90- 09.93	110895	28 55		02.90- 09.93	110206	24 5.4	
		02.90- 09.93	112159	28 80		02.90- 09.93	113855	24 5.4	
	[OM442.926]	02.90- 09.93	110895	28 55		02.90- 09.93	110206	24 5.4	
		02.90- 09.93	113920	28 35		02.90- 09.93	113855	24 5.4	
	[OM442.932]	02.90- 09.93	110895	28 55		02.90- 09.93	110206	24 5.4	
		02.90- 09.93	113920	28 35		02.90- 09.93	113855	24 5.4	
	[OM442.933]	02.90- 09.93	110895	28 55		02.90- 09.93	110206	24 5.4	
		02.90- 09.93	112159	28 80		02.90- 09.93	113855	24 5.4	
1226 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100		10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49	
		10.04-	115557	28 100 A49		10.04-	115896	24 5.5 A49	
						10.04-	111982	24 4.0	
						10.04-	114086	24 5.5	

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1226 7.2	(Atego 2)[OM925.920]	10.03- 10.04- 10.04-	115497 113351 115557	28 80 28 100 28 100	A49	10.04-	114086	24 5.5
1226 9.6	(MK)[OM401.973]	02.93- 02.93- 09.96	110895 113920	28 55 28 35		10.04- 02.93- 02.93- 09.96	115896 110206 113855	24 5.5 24 5.4 24 5.4
	[OM401.978]	02.93- 02.93- 09.96	110895 113920	28 55 28 35		02.93- 02.93- 09.96	110206 113855	24 5.4 24 5.4
	[OM401.984]	02.93- 02.93- 09.96	110895 113920	28 55 28 35		02.93- 02.93- 09.96	110206 113855	24 5.4 24 5.4
	[OM401.989]	02.93- 02.93- 09.96	110895 113920	28 55 28 35		02.93- 02.93- 09.96	110206 113855	24 5.4 24 5.4
1227 11.0	(MK)[OM445.933]	01.92- 07.92	110895	28 55		01.92- 07.92	110206	24 5.4
1227 9.6	(MK)[OM401.973]	01.92- 07.92 01.92- 07.92	110895 113920	28 55 28 35		01.92- 07.92 01.92- 07.92	110206 113855	24 5.4 24 5.4
	[OM401.989]	01.92- 07.92 01.92- 07.92	110895 113920	28 55 28 35		01.92- 07.92 01.92- 07.92	110206 113855	24 5.4 24 5.4
1228 6.4	(Atego)[OM906.911]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 10.04 01.98- 10.04 01.98- 01.01 01.98- 10.04	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0
	[OM906.916]	01.98- 01.01 01.98- 01.01	112561 113448	28 80 28 100		01.98- 10.04 01.98- 10.04 01.98- 01.01 01.98- 10.04	114523 115514 111982 115801	24 4.0 24 4.0 24 4.0 24 4.0
	(Atego 2)[OM902.918]	10.04-	115497	28 80	A49	10.04- 10.04-	115514 114523	24 4.0 24 4.0
	[OM906.911]	10.04-	115497	28 80	A49	10.04- 10.04-	115514 114523	24 4.0 24 4.0
	[OM906.916]	10.04-	115497	28 80	A49	10.04- 10.04-	115514 114523	24 4.0 24 4.0
1229 6.4	(Atego 2)[OM902.918]	10.04-	115497	28 80	A49	10.04- 10.04-	115514 114523	24 4.0 24 4.0
	[OM906.911]	10.04-	115497	28 80	A49	10.04- 10.04-	115514 114523	24 4.0 24 4.0
	[OM906.916]	10.04-	115497	28 80	A49	10.04- 10.04-	115514 114523	24 4.0 24 4.0
1229 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 28 100	A49	10.04- 10.04-	114086 115896	24 5.5 24 5.5 24 5.5
1231 9.6	(MK)[OM401.986]	01.92- 09.96 01.92- 09.96	110895 113920	28 55 28 35				
1234 11.0	(MK)[OM441.989]	01.92- 01.92- 09.96	110895 113920	28 55 28 35		01.92- 01.92- 09.96	110206 113855	24 5.4 24 5.4
	[OM441.993]	01.92- 01.92- 09.96	110895 113920	28 55 28 35		01.92- 01.92- 09.96	110206 113855	24 5.4 24 5.4
	[OM445.923]	01.92- 01.92- 01.94- 09.96	110895 112159 113920	28 55 28 80 28 35		01.92- 01.92- 01.92- 09.96	110206 113855	24 5.4 24 5.4
	[OM445.933]	01.92- 01.92- 01.94- 09.96	110895 112159 113920	28 55 28 80 28 35		01.92- 01.92- 01.92-	110206	24 5.4
1313 5.7		01.85-	111141	14 55				
1314 6.0	(LK/LN2)[OM356.908]	12.92- 09.95	113920	28 35		12.92- 09.95 07.84- 09.95	113979 110524	24 4.0 24 4.0
	[OM356.909]	07.84- 10.86 11.86- 02.91 12.86- 06.87- 12.92- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		07.84- 12.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM356.910]	07.84- 10.86 11.86- 02.91 12.86- 10.88- 12.92- 12.99	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		07.84- 12.92- 12.99	110524 113979	24 4.0 24 4.0
	[OM366.907]	07.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		07.84- 07.84- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.914]	07.84- 10.86 11.86- 02.91 12.86- 10.88- 03.91- 02.93	110113 110906 110895 112159 113920	28 27 28 30 28 55 28 80 28 35		07.84- 07.84- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.918]	06.87- 06.87- 02.91 06.87- 03.91- 02.93	110895 110906 112159 113920	28 55 28 30 28 80 28 35		06.87- 06.87- 02.93	110524 113979	24 4.0 24 4.0
	[OM366.936]	07.84- 02.93	113920	28 35		07.84- 02.93 07.84- 09.95	113979 110524	24 4.0 24 4.0
	[OM366.937]	06.87- 06.87- 02.91 06.87- 03.91- 02.93	110895 110906 112159 113920	28 55 28 30 28 80 28 35		06.87- 06.87- 02.93	110524 113979	24 4.0 24 4.0
1315 4.2	(Atego 2)[OM904.957]	01.11-	112561	28 80		01.11- 01.11-	114523 111982	24 4.0 24 4.0
	[OM904.965]	01.11-	112561	28 80		01.11- 01.11-	114523 111982	24 4.0 24 4.0
	[OM904.966]	01.11-	112561	28 80		01.11- 01.11-	114523 111982	24 4.0 24 4.0
	[OM904.970]	01.11-	112561	28 80		01.11- 01.11-	114523 111982	24 4.0 24 4.0
1317 4.2	(LK/LN2)[OM904.907]	03.96-	112159	28 80		03.96- 12.98 03.96- 03.96- 12.98 03.96- 12.99	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0



1317 4.3	(Atego)[OM900.917]	01.98- 10.04	115497	28 80	A49	01.98- 10.04	115801	24 4.0
						01.98- 10.04	114523	24 4.0
						01.98- 10.04	115514	24 4.0 A49
	[OM904.911]	01.98- 01.01	112561	28 80		01.98- 10.04	115801	24 4.0
		01.98- 01.01	113448	28 100		01.98- 01.01	111982	24 4.0
						01.98- 10.04	114523	24 4.0
						01.98- 10.04	115514	24 4.0 A49
	[OM904.913]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0
						01.98- 01.01	111982	24 4.0
						01.98- 10.04	114523	24 4.0
	[OM904.917]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49
	01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0	
					01.98- 01.01	111982	24 4.0	
					01.98- 10.04	114523	24 4.0	
1317 6.0	(LK/LN2)[OM356.944]	08.84- 10.86	110113	28 27				
		10.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
		10.88-	112159	28 80		08.84-	110524	24 4.0
		12.92- 12.99	113920	28 35		12.92- 12.99	113979	24 4.0
	[OM356.945]	12.92-	110895	28 55				
		12.92-	112159	28 80		12.92-	110524	24 4.0
		12.92- 12.99	113920	28 35		12.92- 12.99	113979	24 4.0
	[OM356.995]	12.92- 12.98	113920	28 35		12.92- 12.98	113979	24 4.0
						12.92-	110524	24 4.0
	[OM357.902]	07.84- 10.86	110113	28 27				
		11.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
		10.88-	112159	28 80		07.84-	110524	24 4.0
		03.94- 12.99	113920	28 35		07.84- 12.99	113979	24 4.0
	[OM357.903]	03.94-	110895	28 55				
		03.94-	112159	28 80		03.94-	110524	24 4.0
		03.94- 12.98	113920	28 35		03.94- 12.98	113979	24 4.0
	[OM357.907]	03.94-	110895	28 55				
		03.94-	112159	28 80		03.94-	110524	24 4.0
		03.94- 12.99	113920	28 35		03.94- 12.99	113979	24 4.0
	[OM357.961]	07.84- 10.86	110113	28 27				
		11.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
		10.88-	112159	28 80		07.84-	110524	24 4.0
		03.94- 12.98	113920	28 35		08.84- 12.98	113979	24 4.0
	[OM357.962]	03.94-	110895	28 55				
		03.94-	112159	28 80		03.94-	110524	24 4.0
		03.94- 12.98	113920	28 35		03.94- 12.98	113979	24 4.0
	[OM366.944]	08.84- 10.86	110113	28 27				
		08.84- 02.93	113920	28 35		08.84- 02.93	113979	24 4.0
		11.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
		10.88-	112159	28 80		08.84-	110524	24 4.0
	[OM366.946]	08.84- 10.86	110113	28 27				
		11.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
		10.88-	112159	28 80		08.84-	110524	24 4.0
		03.91- 02.93	113920	28 35		08.84- 02.93	113979	24 4.0
	[OM366.953]	08.84- 10.86	110113	28 27				
		11.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
	10.88-	112159	28 80		08.84-	110524	24 4.0	
	03.91- 02.93	113920	28 35		08.84- 02.93	113979	24 4.0	
[OM366.962]	07.84- 10.86	110113	28 27					
	07.84- 12.98	113920	28 35		07.84- 12.98	113979	24 4.0	
	11.86- 02.91	110906	28 30					
	12.86-	110895	28 55					
	10.88-	112159	28 80		07.84-	110524	24 4.0	
[OM366.966]	06.87- 02.93	110895	28 55					
	06.87- 02.91	110906	28 30					
	06.87- 02.93	113920	28 35		06.87- 02.97	113979	24 4.0	
	10.88- 02.93	112159	28 80		06.87- 02.93	110524	24 4.0	
1318 4.2	(Atego 2)[OM900.913]	10.04-	115497	28 80	A49	10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
1318 4.3	(Atego)[OM900.913]	02.06- 10.04	115497	28 80	A49	01.98- 10.04	115801	24 4.0
						01.98- 10.04	114523	24 4.0
						02.06- 10.04	115514	24 4.0 A49
	[OM904.911]	01.98- 10.04	115497	28 80		01.98- 10.04	115801	24 4.0
						01.98- 10.04	114523	24 4.0
						01.98- 10.04	115514	24 4.0 A49
	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 80	A49	12.11-	114086	24 5.5
		10.04-	115557	28 100	A49	12.11-	115896	24 5.5 A49
						10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
	[OM904.949]	10.04-	115497	28 80	A49			
	10.04-	115557	28 100	A49	10.04-	115514	24 4.0 A49	
(Flatnose)	01.03- 12.04	113351	28 100		01.03- 12.04	114523	24 4.0	
	01.03- 12.04	112561	28 80		01.03- 12.04	111982	24 4.0	
	01.96-	113351	28 100					
1318 6.0								
1319 4.8	(Atron)				01.12-	111982	24 4.0	
1320 6.0	(LK/LN2)[OM356.983]	12.92-	110895	28 55				
		12.92-	112159	28 80		12.92-	110524	24 4.0
		12.92- 12.98	113920	28 35		12.92- 12.98	113979	24 4.0
	[OM356.992]	10.84- 10.86	110113	28 27				
		11.86- 02.91	110906	28 30				
		12.86-	110895	28 55				
		10.88-	112159	28 80		10.84-	110524	24 4.0
		12.92- 12.99	113920	28 35		12.92- 12.99	113979	24 4.0
	[OM356.995]	12.92- 12.98	113920	28 35		12.92- 12.98	110524	24 4.0

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	[OM906.939]	01.98- 01.01	112561	28 80	01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100	01.98- 10.04	115801	24 4.0	
					01.98- 01.01	111982	24 4.0	
					01.98- 10.04	114523	24 4.0	
1326 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100	10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	115896	24 5.5	A49
					10.04-	111982	24 4.0	
					10.04-	114086	24 5.5	
1326 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100	10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5	A49
		10.04-	115557	28 100 A49	10.04-	115896	24 5.5	A49
1328 6.4	(Atego)[OM906.911]	01.98- 01.01	112561	28 80	01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100	01.98- 10.04	115801	24 4.0	
					01.98- 01.01	111982	24 4.0	
					01.98- 10.04	114523	24 4.0	
	[OM906.916]	01.98- 01.01	112561	28 80	01.98- 10.04	115514	24 4.0	A49
		01.98- 01.01	113448	28 100	01.98- 10.04	115801	24 4.0	
					01.98- 01.01	111982	24 4.0	
					01.98- 10.04	114523	24 4.0	
	(Atego 2)[OM902.918]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100				
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0	
	[OM906.911]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100				
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0	
	[OM906.916]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100				
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0	
1329 6.4	(Atego 2)[OM902.918]	10.04-	112561	28 80	02.06-	111982	24 4.0	
		10.04-	113351	28 100	10.04-	114086	24 5.5	
		10.04-	113448	28 100	10.04-	114523	24 4.0	
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5	A49
		10.04-	115557	28 100 A49	10.04-	115514	24 4.0	A49
	[OM906.911]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100				
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0	
	[OM906.916]	10.04-	112561	28 80				
		10.04-	113351	28 100				
		10.04-	113448	28 100				
		10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
		10.04-	115557	28 100 A49	10.04-	114523	24 4.0	
1329 7.2	(Atego 2)[OM925.920]	10.04-	113351	28 100	10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49	10.04-	115896	24 5.5	A49
		10.04-	115557	28 100 A49	10.04-	115896	24 5.5	A49
1413 5.7	(NG)[OM353.944]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0	
	[OM353.946]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0	
	[OM353.964]	09.75- 12.84	111141	14 55	09.75- 12.84	110525	12 3.0	
1414 6.0	(NG)[OM366.906]	04.84- 03.91	110113	28 27				
		11.86- 03.91	110906	28 30				
		12.86- 03.91	110895	28 55				
		10.88- 03.91	112159	28 80				
		02.91- 03.91	113920	28 35	04.84- 03.91	110524	24 4.0	
	[OM366.909]	04.84- 10.86	110113	28 27				
		11.86- 03.91	110906	28 30				
		12.86- 03.91	110895	28 55				
		10.88- 03.91	112159	28 80				
		02.91- 03.91	113920	28 35	04.84- 03.91	110524	24 4.0	
1417 5.8	(NG)[OM353.951]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0	
	[OM353.953]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0	
	[OM353.971]	05.75- 12.84	111141	14 55	05.75- 12.84	110525	12 3.0	
1417 6.0	(MK)[OM356.940]	07.89-	110895	28 55				
		07.89- 09.96	113920	28 35	07.89- 09.96	110524	24 4.0	
		06.91-	112159	28 80				
	[OM356.943]	07.89-	110895	28 55				
		09.89- 02.91	110906	28 30				
		09.89-	112159	28 80	07.89-	110524	24 4.0	
		07.92- 09.96	113920	28 35	07.92- 09.06	113979	24 4.0	
	[OM357.915]	07.89-	110895	28 55	07.89-	110524	24 4.0	
		09.89- 02.91	110906	28 30				
		06.91-	112159	28 80				
		01.94- 09.96	113920	28 35	01.94- 09.96	113979	24 4.0	
	[OM366.952]	07.89-	110895	28 55				
		07.89- 02.91	110906	28 30				
		07.89-	112159	28 80	07.89-	110524	24 4.0	
		03.91- 07.92	113920	28 35	07.89- 07.92	113979	24 4.0	
	(NG)[OM366.951]	04.84- 10.86	110113	28 27				
		11.86- 03.91	110906	28 30				
		12.86- 03.91	110895	28 55				
		10.88- 03.91	112159	28 80	04.84- 03.91	110524	24 4.0	
	[OM366.952]	04.84- 10.86	110113	28 27				
		11.86- 03.91	110906	28 30				
		12.86- 03.91	110895	28 55				
		10.88- 03.91	112159	28 80	04.84- 03.91	110524	24 4.0	
1419 4.8	(Atego 2)[OM924.989]				10.04-	111982	24 4.0	
1419 5.7	(NG)[OM362.906]	05.83- 06.85	110113	28 27	05.83- 06.85	110524	24 4.0	
	[OM362.909]	05.83- 06.85	110113	28 27	05.83- 06.85	110524	24 4.0	

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1419 9.6	(NG)[OM401.905]	03.78- 12.84	111141	14 55	08.73- 09.96	113855	24 5.4
					03.77- 12.84	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
[OM401.914]	04.81- 12.82	111141	14 55	08.73- 09.96	113855	24 5.4	
					03.77- 12.82	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
1420 10.9	(NG)[OM421.905]	05.82- 10.86	110113	28 27			
		11.86- 10.90	110895	28 55	05.82- 10.90	110206	24 5.4
		11.86- 10.90	110906	28 30	08.73- 09.96	113855	24 5.4
1420 11.0	(MK)[OM441.905]	09.89- 09.96	113920	28 35			
	[OM441.923]	09.89- 09.96	113920	28 35			
1420 6.0	(Flatnose)				06.01- 12.05	110525	12 3.0
	(MK)[OM356.984]	02.90- 06.93	110895	28 55			
		02.90- 02.91	110906	28 30			
		02.90- 06.93	112159	28 80			
		03.91- 06.93	113920	28 35	02.90-	110524	24 4.0
	[OM356.987]	09.89- 09.96	113920	28 35	09.89- 09.96	110524	24 4.0
		08.94-	110895	28 55			
	(NG)[OM366.983]	07.85- 10.86	110113	28 27			
		07.85- 03.91	113920	28 35			
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
		10.88- 03.91	112159	28 80	07.85- 03.91	110524	24 4.0
1422 10.9	(NG)[OM401.905]	05.82- 05.85	110113	28 27			
		06.86- 10.90	113920	28 35	05.82- 10.90	110206	24 5.4
		10.88- 10.90	112159	28 80			
	[OM421.906]	05.82- 10.90	110895	28 55	05.82- 10.90	110206	24 5.4
		10.88- 10.90	112159	28 80	05.82- 10.90	113855	24 5.4
1422 11.3	(MK)[OM441.905]	06.89- 08.94	110895	28 55			
		06.89- 02.91	110906	28 30			
		06.89- 08.94	112159	28 80	12.87- 09.96	113855	24 5.4
		03.91- 08.94	113920	28 35	06.89- 08.94	110206	24 5.4
	[OM441.913]	07.89- 09.93	110895	28 55	07.89- 09.93	110206	24 5.4
		07.89- 09.93	112159	28 80	07.89- 09.93	113855	24 5.4
	[OM441.923]	06.89- 08.94	110895	28 55			
		06.89- 02.91	110906	28 30	12.87- 09.96	113855	24 5.4
		06.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35	06.89- 08.94	110206	24 5.4
	[OM441.925]	07.89- 09.93	110895	28 55	07.89- 09.93	110206	24 5.4
		07.89- 09.93	112159	28 80	07.89- 09.93	113855	24 5.4
1422 6.0	(MK)[OM356.999]	03.93- 08.94	110895	28 55	03.93- 08.94	110524	24 4.0
1422 9.6	(MK)[OM401.973]	02.93- 08.94	113920	28 35	02.93- 08.94	113855	24 5.4
					02.93- 08.94	110206	24 5.4
	[OM401.975]	02.93- 08.94	113920	28 35	02.93- 08.94	113855	24 5.4
					02.93- 08.94	110206	24 5.4
	[OM401.977]	02.93- 08.94	113920	28 35	02.93- 08.94	113855	24 5.4
					02.93- 08.94	110206	24 5.4
	[OM401.978]	02.93- 08.94	113920	28 35	02.93- 08.94	113855	24 5.4
					02.93- 08.94	110206	24 5.4
	[OM401.979]	02.93- 08.94	113920	28 35	02.93- 08.94	113855	24 5.4
					02.93- 08.94	110206	24 5.4
1424 11.0	(MK)[OM445.924]	01.95-	110895	28 55	01.95-	110206	24 5.4
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4
	[OM445.926]	01.95-	110895	28 55	01.95-	110206	24 5.4
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4
	[OM445.938]	01.95-	110895	28 55	01.95-	110206	24 5.4
		01.95-	112159	28 80	12.87- 09.96	113855	24 5.4
1424 12.8	(NG)[OM402.910]	11.79- 01.87	111141	14 55	08.73- 09.96	113855	24 5.4
					03.77- 01.87	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
	[OM402.911]	11.79- 01.87	111141	14 55	08.73- 09.96	113855	24 5.4
					03.77- 01.87	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					07.75- 01.87	112120	24 6.6
	[OM402.919]				03.77- 01.87	110206	24 5.4
					07.75- 02.77	110210	24 6.6
					07.75- 01.87	113855	24 5.4
1424 6.0	(MK)[OM357.946]	07.89- 09.96	110895	28 55	02.92- 09.96	113979	24 4.0
					07.89- 09.96	110524	24 4.0
1424 9.6	(MK)[OM401.973]	02.93-	110895	28 55			
		02.93-	112159	28 80	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	12.87- 09.96	113855	24 5.4
	[OM401.975]	02.93-	110895	28 55			
		02.93-	112159	28 80	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	12.87- 09.96	113855	24 5.4
	[OM401.994]	02.93-	110895	28 55			
		02.93-	112159	28 80	02.93-	110206	24 5.4
		02.93- 09.96	113920	28 35	12.87- 09.96	113855	24 5.4
1425 14.6	(NG)[OM422.909]	11.82- 10.86	110113	28 27	08.87- 09.96	113855	24 5.4
		11.86- 09.96	110895	28 55	11.82- 09.96	110206	24 5.4
		11.86- 03.91	110906	28 30	11.82- 09.96	110210	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	112120	24 6.6
		03.91- 09.96	113920	28 35			
1426 15.1	(MK)[OM442.914]	06.89- 09.93	110895	28 55			
		06.89- 02.91	110906	28 30			
		06.89- 09.93	112159	28 80	06.89- 09.93	110206	24 5.4
		03.91- 09.93	113920	28 35	12.87- 09.96	113855	24 5.4
	[OM442.932]	06.89- 09.93	110895	28 55			
		06.89- 02.91	110906	28 30			
		06.89- 09.93	112159	28 80	06.89- 09.93	110206	24 5.4
		03.91- 09.93	113920	28 35	12.87- 09.96	113855	24 5.4
1427 3.0	(MK)[OM401.985]	02.93-	110895	28 55	02.93-	110206	24 5.4
		02.93-	112159	28 80	02.93- 09.96	113855	24 5.4
1427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4



	[OM401.991]	02.93-	110895	28 55		02.93-	110206	24 5.4
		02.93-	112159	28 80		02.93- 09.96	113855	24 5.4
	[OM445.936]	02.93-	110895	28 55		02.93-	110206	24 5.4
		02.93-	112159	28 80		02.93- 09.96	113855	24 5.4
1428 14.6	(NG)[OM422.907]	05.82- 12.91	113920	28 35				
	[OM422.913]	05.82- 09.96	113920	28 35		08.73- 09.96	110206	24 5.4
		11.86-	110895	28 55				
		11.86- 02.91	110906	28 30				
1429 15.1	(NG)[OM442.907]	08.73- 09.96	113920	28 35				
1431 15.1	(MK)[OM442.907]	12.87- 08.96	113920	28 35		12.87- 08.96	110206	24 5.4
1431 9.6	(MK)[OM401.979]	12.87- 08.96	113920	28 35		12.87- 08.96	110206	24 5.4
1514 6.0	(LK/LN2)[OM356.908]	01.89- 12.92	110895	28 55				
		01.89-	110906	28 30				
		01.89- 12.92	112159	28 80		01.89- 12.92	110524	24 4.0
		12.92- 12.99	113920	28 35		01.89- 11.10	113979	24 4.0
	[OM366.936]	01.89- 12.92	110895	28 55				
		01.89-	110906	28 30				
		01.89- 12.92	112159	28 80		01.89- 12.92	110524	24 4.0
		01.89- 12.92	113920	28 35		01.89- 11.10	113979	24 4.0
1517 4.2	(Atego)[OM904.911]	01.98- 10.04	112561	28 80				
		01.98- 10.04	113351	28 100				
		01.98- 10.04	113448	28 100		01.98- 10.04	111982	24 4.0
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24 4.0
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115514	24 4.0 A49
	[OM904.917]	01.98- 10.04	112561	28 80				
		01.98- 10.04	113351	28 100				
		01.98- 10.04	113448	28 100		01.98- 10.04	111982	24 4.0
		01.98- 10.04	115497	28 80 A49		01.98- 10.04	114523	24 4.0
		01.98- 10.04	115557	28 100 A49		01.98- 10.04	115514	24 4.0 A49
	(LK/LN2)[OM904.907]	03.96-	112159	28 80		03.96- 12.98	115801	24 4.0
						03.96-	111982	24 4.0
						03.96- 12.98	114523	24 4.0
						03.96- 12.99	115514	24 4.0 A49
1517 4.3	(Atego)[OM904.911]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0
						01.98- 01.01	111982	24 4.0
						01.98- 10.04	114523	24 4.0
	[OM904.917]	01.98- 01.01	112561	28 80		01.98- 10.04	115514	24 4.0 A49
		01.98- 01.01	113448	28 100		01.98- 10.04	115801	24 4.0
						01.98- 01.01	111982	24 4.0
						01.98- 10.04	114523	24 4.0
1517 6.0	(LK/LN2)[OM356.946]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		10.88- 12.98	113920	28 35		10.88- 12.98	113979	24 4.0
	[OM356.953]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		12.92- 12.99	113920	28 35		12.92- 12.99	113979	24 4.0
	[OM357.903]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		03.94- 12.98	113920	28 35		03.94- 12.98	113979	24 4.0
	[OM357.962]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		03.94- 12.99	113920	28 35		03.94- 12.99	113979	24 4.0
	[OM357.963]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		03.94- 12.99	113920	28 35		03.94- 12.99	113979	24 4.0
	[OM366.945]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		01.89- 12.92	113920	28 35		01.89- 12.92	113979	24 4.0
	[OM366.979]	10.88-	110895	28 55				
		10.88-	112159	28 80		10.88- 12.92	110524	24 4.0
		01.89- 12.92	113920	28 35		01.89- 12.92	113979	24 4.0
1518 4.2	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	114523	24 4.0
		10.04-	115497	28 80 A49		10.04-	115896	24 5.5 A49
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
						02.06-	111982	24 4.0
						10.04-	114086	24 5.5
1518 4.3	(Atego 2)[OM900.913]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
	[OM904.962]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
	[OM904.967]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
	[OM904.968]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
	[OM904.972]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
	[OM904.976]	10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49
1520 6.0	(LK/LN2)[OM356.990]	01.89-	110895	28 55				
		01.89-	112159	28 80		01.89-	110524	24 4.0
		12.92- 12.99	113920	28 35		12.92- 12.99	113979	24 4.0
	[OM357.922]	01.89-	110895	28 55				
		01.89-	112159	28 80		01.89-	110524	24 4.0
		03.94- 12.99	113920	28 35		03.94- 12.99	113979	24 4.0
	[OM357.930]	01.89-	110895	28 55				
		01.89-	112159	28 80		01.89-	110524	24 4.0
		03.94- 12.99	113920	28 35		03.94- 12.99	113979	24 4.0
	[OM366.995]	01.89-	110895	28 55				
		01.89-	112159	28 80		01.89-	110524	24 4.0
		01.89- 12.92	113920	28 35		01.89- 12.92	113979	24 4.0
1522 4.8	(Atego 2)[OM924.920]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	113448	28 100				
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0
		10.04-	115557	28 100 A49		10.04-	115514	24 4.0 A49

STARTERS & ALTERNATORS



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Application list

	[OM924.922]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04- 06.06- 10.04-	114523 115896 115514 111982 114086	24 4.0 24 5.5 A49 24 4.0 A49 24 4.0 24 5.5
	[OM924.930]	10.04- 10.04-	115497 115557	28 80 A49 28 100 A49	10.04-	115514	24 4.0 A49
1523 6.4	(Atego)[OM906.910]	01.98- 01.01 01.98- 01.98- 01.01 01.98- 10.04 01.98- 10.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	115514 115801 111982 114523	24 4.0 A49 24 4.0 24 4.0 24 4.0
	[OM906.915]	01.98- 10.04 01.98- 10.04	112561 113448	28 80 A49 28 100	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	115514 115801 111982 114523	24 4.0 A49 24 4.0 24 4.0 24 4.0
	(Atego 2)[OM902.916]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1524 6.0	(LK/LN2)[OM356.999]	02.91- 02.91- 02.91- 02.01	110895 112159 113920	28 55 28 80 28 35	02.91- 02.91- 02.01	110524 113979	24 4.0 24 4.0
	[OM357.941]	02.91- 02.91- 02.91- 12.98	110895 112159 113920	28 55 28 80 28 35	02.91- 02.91- 12.98	110524 113979	24 4.0 24 4.0
	[OM357.947]	02.91- 02.91- 02.91- 12.98	110895 112159 113920	28 55 28 80 28 35	02.91- 02.91- 12.98	110524 113979	24 4.0 24 4.0
	[OM366.999]	02.91- 02.91- 02.91- 02.01	110895 112159 113920	28 55 28 80 28 35	02.91- 02.91- 02.01	110524 113979	24 4.0 24 4.0
1524 6.4	(Atego 2)[OM902.916]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.910]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
	[OM906.915]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49
1524 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04-	115896	24 5.5 A49
1525 6.4	(Atego)[OM906.919]	01.98- 09.04 01.98- 01.01 01.98- 01.01	111141 112561 113448	14 55 28 80 28 100	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 01.01	114523 115514 115801 111982	24 4.0 24 4.0 A49 24 4.0 24 4.0
	[OM906.939]	01.98- 10.04 01.98- 10.04	112561 113448	28 80 28 100	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	115514 115801 111982 114523	24 4.0 A49 24 4.0 24 4.0 24 4.0
1526 6.4	(Atego 2)[OM902.917]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04- 10.04- 10.04-	114523 115514 115896 111982 114086	24 4.0 24 4.0 A49 24 5.5 A49 24 4.0 24 5.5
1526 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04-	114086 115896	24 5.5 24 5.5 A49
1528 6.4	(Atego)[OM906.911]	01.98- 09.04 01.98- 09.04 01.98- 09.04 01.98- 09.04 01.98- 09.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 09.04	114523 115514 115801 111982	24 4.0 24 4.0 A49 24 4.0 24 4.0
	[OM906.916]	01.98- 10.04 01.98- 09.04 01.98- 10.04 01.98- 09.04 01.98- 09.04	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	01.98- 10.04 01.98- 10.04 01.98- 10.04 01.98- 10.04	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 A49 24 4.0
	(Atego 2)[OM902.918]	10.04-	115497	28 80 A49	10.04- 10.04-	115514 114523	24 4.0 A49 24 4.0
	[OM906.911]	10.04-	115497	28 80 A49	10.04- 10.04-	115514 114523	24 4.0 A49 24 4.0
	[OM906.916]	10.04-	115497	28 80 A49	10.04- 10.04-	115514 114523	24 4.0 A49 24 4.0
1529 6.4	(Atego 2)[OM902.918]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04- 10.04- 02.06- 10.04-	114523 115896 115514 111982 114086	24 4.0 24 5.5 A49 24 4.0 A49 24 4.0 24 5.5
	[OM906.911]	10.04-	115497	28 80 A49	10.04- 10.04-	115514 114523	24 4.0 A49 24 4.0
	[OM906.916]	10.04-	115497	28 80 A49	10.04- 10.04-	115514 114523	24 4.0 A49 24 4.0
1529 7.2	(Atego 2)[OM925.920]	10.04- 10.04- 10.04-	113351 115497 115557	28 100 28 80 A49 28 100 A49	10.04- 10.04-	114086 115896	24 5.5 24 5.5 A49
1613 5.7	(NG)[OM353.944]	01.75- 12.84	111141	14 55	01.75- 12.84	110525	12 3.0
	[OM353.946]	01.75- 12.84	111141	14 55	01.75- 12.84	110525	12 3.0



1614 6.0	(NG)[OM366.906]	04.84- 10.86	110113	28 27			
		04.84- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
		10.88- 03.91	112159	28 80	04.84- 03.91	110524	24 4.0
[OM366.909]	04.84- 03.91	112159	28 80				
	04.84- 03.91	113920	28 35	04.84- 03.91	110524	24 4.0	
	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0	
	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0	
1617 5.7	(NG)[OM353.951]	01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0
		01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0
		01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0
		01.75- 07.85	111141	14 55	01.75- 07.85	110525	12 3.0
1617 6.0	(NG)[OM366.951]	04.84- 10.86	110113	28 27			
		04.84- 03.91	113920	28 35			
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30	04.84- 03.91	110524	24 4.0
		10.88- 03.91	112159	28 80			
		04.84- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30	04.84- 03.91	110524	24 4.0
		11.86- 03.91	110906	28 30			
		04.84- 03.91	113920	28 35	04.84- 03.91	110524	24 4.0
1619 5.7	(NG)[OM362.906]	06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0
		06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0
		06.83- 06.85	110113	28 27	06.83- 06.85	110524	24 4.0
1619 9.6	(NG)[OM401.905]	11.74- 10.86	110113	28 27	11.74- 02.77	110210	24 6.6
		04.81- 05.87	111141	14 55	08.73- 09.96	113855	24 5.4
		11.86- 05.87	110906	28 30	08.73- 09.96	112120	24 6.6
					03.77- 05.87	110206	24 5.4
		11.74- 10.86	110113	28 27	11.74- 02.77	110210	24 6.6
		04.81- 05.87	111141	14 55	08.73- 09.96	113855	24 5.4
		11.86- 05.87	110906	28 30	08.73- 09.96	112120	24 6.6
					03.77- 05.87	110206	24 5.4
1620 6.0	(NG)[OM366.983]	07.85- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55			
		11.86- 03.91	110906	28 30			
		10.88- 03.91	112159	28 80	07.85- 03.91	110524	24 4.0
					01.96-	116040	24 4.0
1622 10.9	(NG)[OM421.905]	05.82- 10.86	110113	28 27	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110895	28 55	05.82- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	05.82- 03.91	110210	24 6.6
		05.82- 10.86	110113	28 27	05.82- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.82- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		05.82- 10.86	110113	28 27	05.82- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.82- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
		12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
1624 11.0	(MK)[OM445.924]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		07.75- 10.79	110113	28 27	07.75- 08.82	112120	24 6.6
		11.79- 08.82	111141	14 55	07.75- 08.82	113855	24 5.4
					03.77- 08.82	110206	24 5.4
					07.75- 02.77	110210	24 6.6
		11.79- 12.82	111141	14 55	08.73- 09.96	113855	24 5.4
					03.77- 12.82	110206	24 5.4
					05.75- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
		05.75- 12.82	111141	14 55	08.73- 09.96	113855	24 5.4
1624 12.8	(NG)[OM402.910]	07.75- 10.79	110113	28 27	07.75- 08.82	112120	24 6.6
		11.79- 08.82	111141	14 55	07.75- 08.82	113855	24 5.4
					03.77- 08.82	110206	24 5.4
[OM402.911]	11.79- 12.82	111141	14 55	07.75- 02.77	110210	24 6.6	
				08.73- 09.96	113855	24 5.4	
				03.77- 12.82	110206	24 5.4	
				05.75- 02.77	110210	24 6.6	
				08.73- 09.96	112120	24 6.6	
	05.75- 12.82	111141	14 55	08.73- 09.96	113855	24 5.4	
				03.77- 12.82	110206	24 5.4	
				05.75- 02.77	110210	24 6.6	
				08.73- 09.96	112120	24 6.6	
	08.73- 09.96	113855	24 5.4	08.73- 09.96	112120	24 6.6	
1624 9.6	(MK)[OM401.975]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4
		05.80- 10.86	110113	28 27	05.80- 11.89	113855	24 5.4
		11.86- 11.89	110895	28 55	05.80- 11.89	110206	24 5.4
1625 14.6	(NG)[OM422.909]	11.86- 11.89	110906	28 30	05.80- 11.89	110210	24 6.6
		10.88- 10.89	112159	28 80	08.73- 09.96	112120	24 6.6
		08.73- 12.80	110113	28 27	08.73- 09.96	112120	24 6.6
					03.77- 12.80	110206	24 5.4
1626 12.8	(NG)[OM402.906]	08.73- 12.80	110113	28 27	08.73- 09.96	112120	24 6.6
					03.77- 12.80	110206	24 5.4
					08.73- 02.77	110210	24 6.6
					08.73- 09.96	113855	24 5.4
		05.74- 12.80	110113	28 27	08.73- 09.96	113855	24 5.4
					03.77- 12.80	110206	24 5.4
					05.74- 02.77	110210	24 6.6
					08.73- 09.96	112120	24 6.6
		05.74- 12.80	110113	28 27	08.73- 09.96	113855	24 5.4
					03.77- 12.80	110206	24 5.4
1627 15.1	(MK)[OM442.914]	01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4
					01.92- 09.96	110206	24 5.4
		01.92- 09.96	113920	28 35	01.92- 08.94	110206	24 5.4
					02.90- 09.93	110206	24 5.4
1628 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28 27	01.80- 05.89	110210	24 6.6
		06.85- 05.89	113920	28 35	08.73- 09.96	113855	24 5.4
		11.86- 05.89	110895	28 55			
		11.86- 05.89	110906	28 30	01.80- 05.89	110206	24 5.4
		10.88- 05.89	112159	28 80	08.73- 09.96	112120	24 6.6
		01.80- 10.86	110113	28 27	01.80- 05.89	110210	24 6.6
		06.85- 05.89	113920	28 35	01.80- 05.89	110206	24 5.4
		11.86- 05.89	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	113855	24 5.4
		10.88- 05.89	112159	28 80			
		01.80- 10.86	110113	28 27	01.80- 05.89	110206	24 5.4
		06.85- 05.89	113920	28 35	08.73- 09.96	113855	24 5.4
		11.86- 05.89	110895	28 55	01.80- 05.89	110210	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 05.89	112159	28 80			
		01.80- 10.86	110113	28 27	01.80- 05.89	110206	24 5.4
		06.85- 05.89	113920	28 35	08.73- 09.96	113855	24 5.4
		11.86- 05.89	110895	28 55	01.80- 05.89	110210	24 6.6
		11.86- 05.89	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 05.89	112159	28 80			
01.80- 10.86	110113	28 27	05.83- 05.89	110210	24 6.6		
11.86- 05.89	110895	28 55	08.73- 09.96	112120	24 6.6		
11.86- 05.89	110906	28 30	08.73- 09.96	113855	24 5.4		
			01.80- 05.89	110206	24 5.4		
1632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28 27	08.73- 09.96	113855	24 5.4
					08.73- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6



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	[OM403.931]	05.74- 09.83	110113	28 27	08.73- 09.96	113855	24 5.4
					05.74- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
	[OM403.932]	05.74- 09.83	110113	28 27	08.73- 09.96	113855	24 5.4
					05.74- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
1633 14.6	(NG)[OM422.952]	10.80- 10.86	110113	28 27	10.80- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM422.954]	10.80- 10.86	110113	28 27	10.80- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM422.956]	10.80- 10.86	110113	28 27	10.80- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM422.957]	10.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 05.87	110906	28 30	10.80- 05.87	110210	24 6.6
	[OM422.958]	10.80- 10.86	110113	28 27	10.80- 05.87	110210	24 6.6
		11.86- 05.87	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 05.87	110906	28 30	08.73- 09.96	113855	24 5.4
1635 14.6	(NG)[OM442.950]	02.86- 10.86	110113	28 27			
		11.86- 07.89	110895	28 55			
		11.86- 07.89	110906	28 30	02.86- 07.89	110206	24 5.4
		10.88- 07.89	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM442.952]	02.86- 10.86	110113	28 27			
		11.86- 07.89	110895	28 55			
		11.86- 07.89	110906	28 30	02.86- 07.89	110206	24 5.4
		10.88- 07.89	112159	28 80	08.73- 09.96	113855	24 5.4
1636 18.3	(NG)[OM423.905]	12.83- 10.86	110113	28 27	12.83- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM423.908]	12.83- 10.86	110113	28 27	12.83- 03.91	110210	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	113855	24 5.4
1638 14.6	(NG)[OM422.953]	11.80- 10.86	110113	28 27	11.80- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 12.86	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM422.955]	11.80- 10.86	110113	28 27	11.80- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 12.86	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM422.959]	11.80- 10.86	110113	28 27	11.80- 12.86	110210	24 6.6
		11.86- 12.86	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 12.86	110906	28 30	08.73- 09.96	113855	24 5.4
1644 14.6	(NG)[OM442.951]	06.86- 10.88	110113	28 27			
		11.86- 08.89	110895	28 55	06.86- 08.89	110210	24 6.6
		11.86- 08.89	110906	28 30	06.86- 08.89	110206	24 5.4
		10.88- 08.89	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM442.953]	06.86- 10.86	110113	28 27			
		11.86- 08.89	110895	28 55	06.86- 08.89	110206	24 5.4
		11.86- 08.89	110906	28 30	06.86- 08.89	110210	24 6.6
		10.88- 08.89	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM442.980]	06.86- 10.86	110113	28 27			
		11.86- 08.89	110895	28 55	06.86- 08.89	110210	24 6.6
		11.86- 08.89	110906	28 30	06.86- 08.89	110206	24 5.4
		10.88- 08.89	112159	28 80	08.73- 09.96	113855	24 5.4
1717 6.0	(MK)[OM356.940]	09.89- 08.94	110895	28 55			
		09.89- 02.91	110906	28 30			
		09.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35	09.89- 08.94	110524	24 4.0
	[OM366.952]	09.89- 08.94	110895	28 55			
		09.89- 02.91	110906	28 30			
		09.89- 08.94	112159	28 80			
		03.91- 08.94	113920	28 35	09.89- 08.94	110524	24 4.0
1718 4.2	(Atego 2)[OM900.913]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
	[OM904.962]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
	[OM904.967]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
	[OM904.968]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
	[OM904.972]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
	[OM904.973]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
	[OM904.976]	01.11-	112561	28 80	01.11-	114523	24 4.0
					01.11-	111982	24 4.0
1719 4.8	(Atego 2)[OM924.989]				10.04-	111982	24 4.0
	(Atron)				04.13-	111982	24 4.0
1719 9.6	(NG)[OM401.909]	09.73- 08.82	110113	28 27	09.73- 08.32	113855	24 5.4
					03.77- 08.82	110206	24 5.4
					09.73- 02.77	110210	24 6.6
					09.73- 08.82	112120	24 6.6
	[OM401.916]	09.73- 08.82	110113	28 27	09.73- 08.82	113855	24 5.4
					03.77- 08.82	110206	24 5.4
					09.73- 02.77	110210	24 6.6
					09.73- 08.82	112120	24 6.6
1720 11.3	(MK)[OM441.916]	12.88- 08.94	113920	28 35			
	[OM441.920]	12.88- 08.94	113920	28 35			
	[OM441.932]	12.88- 08.94	113920	28 35			
1720 6.0	(LK/LN2)[OM366.995]	01.84- 12.98	110895	28 55			
		01.84- 12.98	111833	28 140	w/ bushing in rear brackethole		
		01.84- 12.98	112159	28 80			
		01.84- 12.98	113920	28 35	01.84- 12.98	110524	24 4.0
		01.84- 12.98	116063	28 140	w/o bushing in rear brackethole	01.84- 12.98	113979 24 4.0



	(MK)[OM356.984]	02.90- 08.94	110895	28 55				
		02.90- 02.91	110906	28 30				
		02.90- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35	02.90- 08.94	110524	24	4.0
	[OM356.985]	02.90-	110895	28 55				
		02.90- 02.91	110906	28 30				
		02.90-	112159	28 80				
		03.91- 09.96	113920	28 35	02.90-	110524	24	4.0
	[OM366.983]	02.90-	110895	28 55				
		02.90- 02.91	110906	28 30				
		02.90-	112159	28 80				
		03.91- 09.96	113920	28 35				
1722 11.0	(MK)[OM441.905]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24	5.4
	[OM441.923]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24	5.4
1722 11.3	(MK)[OM441.905]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24	5.4
	[OM441.913]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24	5.4
	[OM441.914]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24	5.4
	[OM441.916]	12.88- 08.94	110895	28 55				
		12.88- 03.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24	5.4
	[OM441.920]	08.88- 08.94	113920	28 35	08.88- 08.94	110206	24	5.4
		12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.87- 09.96	113855	24	5.4
	[OM441.923]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24	5.4
	[OM441.926]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
	[OM441.932]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24	5.4
	[OM441.933]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
1722 15.1	(MK)[OM442.907]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
1722 4.8	(Atego 2)[OM924.924]				10.04-	111982	24	4.0
1722 6.0	(MK)[OM356.999]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35	12.88- 08.94	110524	24	4.0
	[OM366.983]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35	12.88- 08.94	110524	24	4.0
1722 9.6	(MK)[OM401.973]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
	[OM401.978]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
	[OM401.979]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
1724 6.0	(LK/LN2)[OM366.999]	11.86- 12.98	110895	28 55				
		11.86- 02.91	110906	28 30	01.84- 12.98	110524	24	4.0
		03.91- 12.98	113920	28 35	02.92- 12.98	113979	24	4.0
1725 6.4	(Atego 2)[OM906.919]	01.11-	112561	28 80				
		01.11-	113351	28 100	01.11-	114523	24	4.0
	[OM906.983]	01.11-	112561	28 80				
		01.11-	113351	28 100	01.11-	114523	24	4.0
	[OM906.985]	01.11-	112561	28 80				
		01.11-	113351	28 100	01.11-	114523	24	4.0
	[OM906.988]	01.11-	112561	28 80				
		01.11-	113351	28 100				
	[OM906.990]	01.11-	112561	28 80	01.11-	114523	24	4.0
		01.11-	113351	28 100	01.11-	114523	24	4.0
1726 11.0	(MK)[OM441.960]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4
1726 15.1	(MK)[OM440.909]	12.88- 08.94	110895	28 55				
		12.88- 02.91	110906	28 30				
		12.88- 08.94	112159	28 80	12.88- 08.94	110206	24	5.4
		03.91- 08.94	113920	28 35	12.88- 08.94	113855	24	5.4



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Application list

	[OM442.906]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.907]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.909]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.914]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.922]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.923]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.932]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM442.935]	06.89-08.94	110895	28 55				
		06.89-02.91	110906	28 30				
		06.89-08.94	112159	28 80	06.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	06.89-08.94	113855	24 5.4	
1726 9.6	(MK)[OM401.973]	12.87-09.96	113920	28 35				
	[OM401.978]	12.87-09.96	113920	28 35				
1727 9.6	(MK)[OM401.973]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.88-08.94	113855	24 5.4	
	[OM401.978]	12.88-08.94	110895	28 55				
		12.88-02.91	110906	28 30				
		12.88-08.94	112159	28 80	12.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	12.88-08.94	113855	24 5.4	
1728 15.1	(SK)[OM442.906]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		02.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.907]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		02.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.908]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		02.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.923]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		02.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.925]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80				
		02.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
1729 15.1	(MK)[OM442.906]	12.87-08.94	110895	28 55				
		12.87-08.94	113920	28 35	12.87-08.94	110206	24 5.4	
	[OM442.907]	12.87-08.94	110895	28 55				
		12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4	
	[OM442.923]	12.87-08.94	113920	28 35	12.87-08.94	110206	24 5.4	
	(SK)[OM442.906]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		02.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.907]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.908]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.923]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.925]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.926]	07.88-09.93	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-09.93	112159	28 80	07.88-09.93	110206	24 5.4	
		03.91-09.93	113920	28 35	07.88-09.93	113855	24 5.4	
1729 7.2	(Atego 2)				01.12-	115896	24 5.5	A49
					01.12-	114086	24 5.5	
					01.12-	111982	24 4.0	



1733 11.0	(MK)[OM441.960]	01.89-07.92	110895	28 55				
		01.89-02.91	110906	28 30				
		01.89-07.92	112159	28 80		01.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
	[OM441.962]	01.89-07.92	110895	28 55				
		01.89-02.91	110906	28 30				
		01.89-07.92	112159	28 80		01.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
	[OM441.981]	01.89-07.92	110895	28 55				
		01.89-02.91	110906	28 30				
		01.89-07.92	112159	28 80		01.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
	[OM441.983]	01.89-07.92	110895	28 55				
		01.89-02.91	110906	28 30				
01.89-07.92		112159	28 80		01.89-07.92	110206	24 5.4	
03.91-07.92		113920	28 35		12.87-09.96	113855	24 5.4	
[OM441.986]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4	
					01.89-07.92	110206	24 5.4	
[OM441.989]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4	
					01.89-07.92	110206	24 5.4	
[OM445.920]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4	
					01.89-07.92	110206	24 5.4	
[OM445.939]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4	
					01.89-07.92	110206	24 5.4	
1734 11.0	(MK)[OM441.960]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
						01.89-07.92	110206	24 5.4
	[OM441.962]	03.91-07.92	113920	28 35		01.89-07.92	110206	24 5.4
						12.87-09.96	113855	24 5.4
	[OM441.981]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
						01.89-07.92	110206	24 5.4
	[OM441.983]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
						01.89-07.92	110206	24 5.4
	[OM441.986]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
						01.89-07.92	110206	24 5.4
	[OM441.989]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
						01.89-07.92	110206	24 5.4
	[OM445.920]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4
						01.89-07.92	110206	24 5.4
[OM445.939]	03.91-07.92	113920	28 35		12.87-09.96	113855	24 5.4	
					01.89-07.92	110206	24 5.4	
1735 14.7	(SK)[OM440.940]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4
		03.91-08.94	113920	28 35		07.88-08.94	113855	24 5.4
	[OM442.906]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4
		03.91-08.94	113920	28 35		07.88-08.94	113855	24 5.4
	[OM442.942]	08.89-08.94	110895	28 55				
		08.89-02.91	110906	28 30				
		08.89-08.94	112159	28 80		08.89-08.94	110206	24 5.4
		03.91-08.94	113920	28 35		08.89-08.94	113855	24 5.4
	[OM442.944]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4
		03.91-08.94	113920	28 35		07.87-09.96	113855	24 5.4
	[OM442.963]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4
		03.91-08.94	113920	28 35		07.87-09.96	113855	24 5.4
	[OM442.964]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80		07.88-08.94	110206	24 5.4
		03.91-08.94	113920	28 35		07.87-09.96	113855	24 5.4
[OM442.966]	08.89-08.94	110895	28 55					
	08.89-02.91	110906	28 30					
	08.89-08.94	112159	28 80		08.89-08.94	110206	24 5.4	
	03.91-08.94	113920	28 35		08.89-08.94	113855	24 5.4	
[OM442.976]	07.88-08.94	110895	28 55					
	07.88-02.91	110906	28 30					
	07.88-08.94	112159	28 80		07.87-09.96	113855	24 5.4	
	03.91-08.94	113920	28 35		07.88-08.94	110206	24 5.4	
1748 14.7	(SK)[OM442.985]	07.88-07.92	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-07.92	112159	28 80		07.88-07.92	110206	24 5.4
		03.91-07.92	113920	28 35		07.87-09.96	113855	24 5.4
	[OM442.989]	07.88-07.92	110895	28 55				
		07.88-02.91	110906	28 30				
	07.88-07.92	112159	28 80		07.88-07.92	110206	24 5.4	
	03.91-07.92	113920	28 35		07.87-09.96	113855	24 5.4	
1820 6.0	(MK)[OM356.984]	01.91-	110895	28 55				
		01.91-02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110524	24 4.0
		03.91-02.01	113920	28 35		01.91-02.01	113979	24 4.0
	[OM356.987]	01.91-01.01	110895	28 55				
		01.91-02.91	110906	28 30				
		01.91-01.01	112159	28 80		05.92-09.96	113979	24 4.0
		05.92-09.96	113920	28 35		01.91-01.01	110524	24 4.0
[OM357.925]	01.91-01.01	110895	28 55					
	01.91-02.91	110906	28 30					
	01.91-01.01	112159	28 80		01.94-09.96	113979	24 4.0	
	01.94-09.96	113920	28 35		01.91-01.01	110524	24 4.0	
1823 6.4	(Atego)[OM906.920]	01.98-01.01	112561	28 80		01.98-09.04	114523	24 4.0
		01.98-01.01	113448	28 100		01.98-09.04	115514	24 4.0
		01.98-09.04	115497	28 80	A49	01.98-09.04	115801	24 4.0
						01.98-01.01	111982	24 4.0



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	[OM906.922]	05.98- 01.01	112561	28 80	05.98- 09.04	115514	24 4.0	A49
		05.98- 01.01	113448	28 100	05.98- 09.04	115801	24 4.0	
					05.98- 01.01	111982	24 4.0	
					05.98- 09.04	114523	24 4.0	
	[OM906.925]	01.98- 09.04	112561	28 80	01.98- 09.04	114523	24 4.0	
		01.98- 09.04	113448	28 100	01.98- 09.04	115514	24 4.0	A49
		01.98- 09.04	115497	28 80	01.98- 09.04	115801	24 4.0	
					01.98- 09.04	111982	24 4.0	
	(Axor)[OM906.920]	01.02-	113351	28 100	01.02-	111982	24 4.0	
		01.02-	113448	28 100				
		01.02- 10.04	115497	28 80 A49	01.02- 10.04	114523	24 4.0	
		01.02- 10.04	115557	28 100 A49	01.02- 10.04	115514	24 4.0	A49
	(Axor 2)[OM906.920]				10.04-	111982	24 4.0	
					10.04-	114523	24 4.0	
					10.04-	115514	24 4.0	A49
	(Econic)[OM906.924]	03.98-	112561	28 80	03.98-	115514	24 4.0	A49
		03.98-	113448	28 100	03.98-	115801	24 4.0	
		03.98-	115497	28 80 A49	03.98-	111982	24 4.0	
					03.98-	114523	24 4.0	
	[OM906.940]	03.98- 01.01	112561	28 80	03.98-	114523	24 4.0	
		03.98- 01.01	113448	28 100	03.98- 03.01	115514	24 4.0	A49
		03.98-	115497	28 80 A49	03.98-	115801	24 4.0	
					03.98- 01.01	111982	24 4.0	
	[OM906.951]	03.98-	112561	28 80	03.98-	114523	24 4.0	
		03.98-	113448	28 100	03.98-	115514	24 4.0	A49
		03.98-	115497	28 80 A49	03.98-	115801	24 4.0	
					03.98-	111982	24 4.0	
1824 11.0	(MK)[OM445.924]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4	
	[OM445.925]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4	
	[OM445.926]	01.94-	110895	28 55				
		01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM445.930]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4	
	[OM445.933]	01.94-	110895	28 55				
		01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM445.938]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	01.94- 09.96	113855	24 5.4	
1824 15.1	(MK)[OM442.907]	12.88- 08.94	113920	28 35				
1824 6.0	(MK)[OM356.999]	08.92- 09.96	113920	28 35	08.92- 09.96	113979	24 4.0	
					08.92-	110210	24 6.6	
1824 6.4	(Axor)[OM902.913]	09.06-	115497	28 80 A49	09.06-	115514	24 4.0	A49
					10.04-	114523	24 4.0	
	(Axor 2)[OM902.913]				10.04-	111982	24 4.0	
					10.04-	114523	24 4.0	
					10.04-	115514	24 4.0	A49
1824 9.6	(MK)[OM401.975]	08.92- 09.96	110895	28 55	08.92- 09.96	113855	24 5.4	
		08.92-	112159	28 80	08.92- 09.96	110206	24 5.4	
		08.92- 09.96	113920	28 35	08.92-	110210	24 6.6	
	[OM401.984]	08.92-	110895	28 55	08.92-	110206	24 5.4	
		08.92-	112159	28 80	08.92-	110210	24 6.6	
		08.92- 09.96	113920	28 35	08.92- 09.96	113855	24 5.4	
	[OM445.924]	08.92-	110895	28 55				
		08.92-	112159	28 80	08.92-	110206	24 5.4	
		01.94- 09.96	113920	28 35	12.87- 09.96	113855	24 5.4	
	[OM445.938]	08.92-	110895	28 55				
		08.92-	110906	28 30	08.92-	110206	24 5.4	
		08.92-	112159	28 80	12.87- 09.96	113855	24 5.4	
	[OM445.941]	08.92-	110895	28 55				
		08.92-	112159	28 80	08.92-	110206	24 5.4	
		01.94- 09.96	113920	28 35	12.87- 09.96	113855	24 5.4	
1826 6.4	(Axor)[OM902.914]	09.06-	115497	28 80 A49	09.06-	115514	24 4.0	A49
					10.04-	114523	24 4.0	
1827 11.0	(MK)[OM445.926]	01.94-	110895	28 55	12.87- 09.96	113855	24 5.4	
		01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM445.933]	08.92- 09.96	112159	28 80	08.92- 09.96	110206	24 5.4	
	[OM445.936]	01.94-	110895	28 55	01.94-	110206	24 5.4	
		01.94-	112159	28 80	12.87- 09.96	113855	24 5.4	
1827 9.6	(MK)[OM401.973]	12.90-	110895	28 55				
		12.90- 02.91	110906	28 30				
		12.90-	112159	28 80	12.87- 09.96	113855	24 5.4	
		02.91- 02.01	113920	28 35	12.90- 09.96	110206	24 5.4	
	[OM401.977]	12.90-	110895	28 55				
		12.90- 02.91	110906	28 30				
		12.90-	112159	28 80	12.90-	110206	24 5.4	
		03.91- 02.01	113920	28 35	12.87- 09.96	113855	24 5.4	
	[OM401.989]	08.92- 09.96	113920	28 35	08.92- 09.96	110206	24 5.4	
	[OM401.991]	12.90-	110895	28 55				
		12.90- 02.91	110906	28 30				
		12.90-	112159	28 80	12.90-	110206	24 5.4	
		02.91- 02.01	113920	28 35	12.87- 09.96	113855	24 5.4	
1828 6.4	(Atego)[OM906.921]	05.98- 09.04	112561	28 80	05.98- 09.04	114523	24 4.0	
		05.98- 09.04	113448	28 100	05.98- 09.04	115514	24 4.0	A49
		05.98- 09.04	115497	28 80 A49	05.98- 09.04	115801	24 4.0	
					05.98- 01.01	111982	24 4.0	
	[OM906.923]	05.98- 01.01	112561	28 80	05.98- 09.04	115514	24 4.0	A49
		05.98- 01.01	113448	28 100	05.98- 09.04	115801	24 4.0	
					05.98- 01.01	111982	24 4.0	
					05.98- 09.04	114523	24 4.0	
	[OM906.926]	05.98- 09.04	112561	28 80	05.98- 09.04	114523	24 4.0	
		05.98- 09.04	113448	28 100	05.98- 09.04	115514	24 4.0	A49
		05.98- 09.04	115497	28 80 A49	05.98- 09.04	115801	24 4.0	
					05.98- 09.04	111982	24 4.0	
	(Axor)[OM902.915]	10.04-	115497	28 80 A49	10.04-	115514	24 4.0	A49
					10.04-	114523	24 4.0	



	[OM902.932]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM906.921]	01.02- 08.06 10.97- 08.06 10.97- 10.97- 08.06 10.97-	115497 112561 113351 113448 115557	28 80 A49 28 80 28 100 28 100 28 100		10.97- 10.04- 01.02- 08.06	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	[OM906.923]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM906.926]	09.00- 10.04-	112561 115497	28 80 28 80 A49		10.04- 10.04-	114523 115514	24 4.0 24 4.0 A49	
	[OM906.928]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	(Econic)[OM906.941]	03.98- 01.01 03.98- 01.01	112561 113448	28 80 28 100		03.98- 03.98- 03.01 03.98- 01.01	114523 115514 111982	24 4.0 24 4.0 A49 24 4.0	
1828 6.9	(Econic)[M906.900]	10.00- 10.00- 10.00- 10.00- 10.00-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		10.00- 10.00- 10.00- 10.00-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
1828 7.2	(Econic)[M902.900]						111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	[M902.903]					09.06- 09.06-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
1829 6.4	(Axor)[OM902.915]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM902.932]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM906.921]	01.02- 08.06	115497	28 80 A49		01.02- 08.06 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM906.923]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM906.926]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	[OM906.928]	10.04-	115497	28 80 A49		10.04- 10.04-	115514 114523	24 4.0 24 4.0	A49
	(Axor 2)[OM902.915]					10.04- 10.04- 10.04-	111982 114523 115514	24 4.0 24 4.0 24 4.0 A49	
	(Econic)[OM902.927]	10.07- 10.07-	113351 115557	28 100 28 100		10.07- 10.07- 10.07-	114523 115896 114086	24 4.0 24 5.5 24 5.5	
1831 11.0	(MK)[OM445.929]	01.94- 01.94-	110895 112159	28 55 28 80		01.94- 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM445.937]	01.94- 01.94-	110895 112159	28 55 28 80		01.94- 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	(SK)[OM441.986]	07.92- 07.92- 07.92- 09.96	110895 112159 113920	28 55 28 80 28 35		07.92- 07.92- 09.96	110206 113855	24 5.4 24 5.4	
	[OM441.993]	07.92- 07.92- 07.92- 09.96	110895 112159 113920	28 55 28 80 28 35		07.92- 07.92- 09.96	110206 113855	24 5.4 24 5.4	
	[OM445.929]	07.92- 09.96 01.94- 01.94- 01.94- 01.94-	115557 110895 112159 113351 113448	28 100 A49 28 55 28 80 28 100 28 100		07.92- 07.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM445.930]	01.94- 01.94-	110895 112159	28 55 28 80		01.94- 01.94- 09.96	110206 113855	24 5.4 24 5.4	
	[OM445.937]	01.94- 01.94-	110895 112159	28 55 28 80		07.92- 07.87- 09.96	110206 113855	24 5.4 24 5.4	
1831 11.9	(Actros)[OM541.920]	04.96- 10.02 04.96- 10.02 09.96- 09.96- 09.03 09.96- 09.03	115497 115557 112561 113351 113448	28 80 A49 28 100 A49 28 80 28 100 28 100		04.96- 10.02 04.96- 10.02 04.96- 10.02 04.96- 10.02	113851 115885 111771 113609	24 7.5 24 7.5 A49 24 6.2 24 6.2	
	[OM541.926]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49	
	[OM541.940]	04.96- 10.02 04.96- 10.02	115497 115557	28 80 A49 28 100 A49		04.96- 10.02	115885	24 7.5 A49	
	[OM541.941]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49		04.97- 10.02	115885	24 7.5 A49	
1831 12.8	(MK)[OM402.987]	12.88- 08.94	113920	28 35		12.88- 08.94	110206	24 5.4	
1831 9.6	(MK)[OM401.972]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.90- 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM401.979]	12.88- 02.01 12.88- 08.94 12.90- 12.90- 02.91 12.90- 12.90- 02.01 12.90- 02.01	113920 115557 110895 110906 112159 113351 113448	28 35 28 100 A49 28 55 28 30 28 80 28 100 28 100		12.88- 08.94 12.87- 09.96	110206 113855	24 5.4 24 5.4	
	[OM401.993]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.90- 12.87- 09.96	110206 113855	24 5.4 24 5.4	



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	(SK)[OM401.972]	07.87- 09.96	115557	28 100 A49				
		12.90- 06.96	110895	28 55				
		12.90- 02.01	112159	28 80		07.92-	110206	24 5.4
		02.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4
		06.96- 02.01	113351	28 100				
		06.96- 02.01	113448	28 100				
	[OM401.979]	02.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4
		07.92-	110895	28 55				
		07.92-	112159	28 80		07.92-	110206	24 5.4
	[OM401.986]	05.91-	110895	28 55				
		05.91-	112159	28 80		05.91-	110206	24 5.4
		05.91- 09.96	113920	28 35		05.91- 09.96	113855	24 5.4
	[OM401.993]	02.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4
		07.92-	110895	28 55				
		07.92-	112159	28 80		07.92-	110206	24 5.4
		07.92- 02.01	113351	28 100				
		07.92- 02.01	113448	28 100				
		07.92- 09.96	115557	28 100 A49				
1832 11.9	(Actros)[OM541.940]	04.03-	112561	28 80				
		04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.970]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
						04.03-	113851	24 7.5
	[OM541.971]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
						04.03-	113851	24 7.5
	[OM541.996]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
						04.03-	113851	24 7.5
	[OM541.997]	04.03-	112561	28 80				
		04.03-	113351	28 100				
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
1833 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
1833 7.2	(Axor)[OM926.913]	10.04- 08.06	115497	28 80 A49		10.04- 08.06	115514	24 4.0 A49
						10.04-	114523	24 4.0
	(Axor 2)[OM926.913]					10.04-	111982	24 4.0
						10.04-	114523	24 4.0
						10.04-	115514	24 4.0 A49
	(Econic)[OM926.934]	09.06-	115497	28 80 A49		09.06-	115514	24 4.0 A49
		10.07-	113351	28 100		10.07-	114523	24 4.0
		10.07-	115557	28 100 A49		10.07-	115896	24 5.5 A49
						09.06-	111982	24 4.0
						10.07-	114086	24 5.5
	(Zetros)[OM926.935]	09.08-	115497	28 80 A49		09.08-	115514	24 4.0 A49
						09.08-	114523	24 4.0
	[OM926.936]	09.08-	115497	28 80 A49		09.08-	115514	24 4.0 A49
						09.08-	114523	24 4.0
1834 11.0	(MK)[OM441.986]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		03.91- 02.01	113920	28 35		12.87- 09.96	113855	24 5.4
	[OM441.987]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		03.91- 09.96	113920	28 35		12.87- 09.96	113855	24 5.4
	[OM441.989]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		03.91- 02.01	113920	28 35		12.87- 09.96	113855	24 5.4
	[OM441.991]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		03.91- 02.01	113920	28 35		12.87- 09.96	113855	24 5.4
	[OM445.920]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		01.94- 01.01	113920	28 35		12.87- 09.96	113855	24 5.4
	[OM445.921]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		03.94- 09.96	113920	28 35		12.87- 09.96	113855	24 5.4
	[OM445.939]	01.91-	110895	28 55				
		01.91- 02.91	110906	28 30				
		01.91-	112159	28 80		01.91-	110206	24 5.4
		01.94- 01.01	113920	28 35		12.87- 09.96	113855	24 5.4
	(SK)[OM441.986]	10.93-	110895	28 55				
		10.93-	112159	28 80		10.93-	110206	24 5.4
		10.93- 09.96	113920	28 35		07.87- 09.96	113855	24 5.4
	[OM441.989]	07.88- 09.93	113920	28 35				
	[OM441.996]	10.93-	110895	28 55				
		10.93-	112159	28 80		07.87- 09.96	113855	24 5.4
		10.93- 09.96	113920	28 35		10.93-	110206	24 5.4
	[OM445.920]	10.93-	110895	28 55				
		10.93-	112159	28 80		10.93-	110206	24 5.4
		01.94- 09.96	113920	28 35		07.87- 09.96	113855	24 5.4
	[OM445.939]	10.93-	110895	28 55				
		10.93-	112159	28 80		10.93-	110206	24 5.4
		01.94- 09.96	113920	28 35		07.87- 09.96	113855	24 5.4



1835 11.9	(Actros)[OM541.922]	04.96- 10.02	115497	28 80	A49	04.96- 10.02	113851	24 7.5	
		04.96- 10.02	115557	28 100	A49	04.96- 10.02	115885	24 7.5	A49
		09.96-	112561	28 80					
		09.96-	113351	28 100		04.96- 10.02	111771	24 6.2	
		09.96-	113448	28 100		04.96- 10.02	113609	24 6.2	
	[OM541.927]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80	A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100	A49	04.97- 10.02	115885	24 7.5	A49
[OM541.942]	04.96- 10.02	115497	28 80	A49					
	04.96- 10.02	115557	28 100	A49	04.96- 10.02	115885	24 7.5	A49	
[OM541.943]	04.97- 10.02	115497	28 80	A49					
	04.97- 10.02	115557	28 100	A49	04.97- 10.02	115885	24 7.5	A49	
1835 12.0	(Axor)[OM457.937]	01.02-	113351	28 100		01.02- 10.04	115885	24 7.5	A49
		01.02- 10.04	115497	28 80	A49	01.02-	113609	24 6.2	
		01.02- 10.04	115557	28 100	A49	01.02- 10.04	113851	24 7.5	
1836 11.9	(Actros)[OM541.942]	04.03-	112561	28 80					
		04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80	A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100	A49	04.03-	115885	24 7.5	A49
	[OM541.972]	04.03-	112561	28 80					
		04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80	A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100	A49	04.03-	115885	24 7.5	A49
	[OM541.998]	04.03-	112561	28 80					
		04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80	A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100	A49	04.03-	115885	24 7.5	A49
	[OM541.999]	04.03-	112561	28 80					
		04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80	A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100	A49	04.03-	115885	24 7.5	A49
(Actros MP2 / MP3)[OM541.943]		112561	28 80						
1836 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100					
		10.04-	115497	28 80	A49				
		10.04-	115557	28 100	A49				
	[OM457.948]	10.04-	113351	28 100					
		10.04-	115497	28 80	A49				
		10.04-	115557	28 100	A49				
[OM457.980]	10.04-	113351	28 100						
	10.04-	115497	28 80	A49					
	10.04-	115557	28 100	A49					
1838 12.8	(SK)[OM402.971]	12.90- 08.96	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90- 02.01	112159	28 80		12.90- 02.01	110206	24 5.4	
		03.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4	
	[OM402.972]	12.90-	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80		12.90- 02.01	110206	24 5.4	
		03.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4	
	[OM402.975]	12.90- 08.96	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80		12.90- 02.01	110206	24 5.4	
		03.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4	
	[OM402.978]	12.92-	110895	28 55					
		12.92-	112159	28 80		12.92-	110206	24 5.4	
		12.92- 02.01	113920	28 35		12.92- 09.96	113855	24 5.4	
	[OM402.985]	12.90-	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80		12.90- 02.01	110206	24 5.4	
		03.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4	
[OM402.986]	12.90-	110895	28 55						
	12.90- 02.91	110906	28 30						
	12.90-	112159	28 80		12.90- 02.01	110206	24 5.4		
	03.91- 02.01	113920	28 35		07.87- 09.96	113855	24 5.4		
[OM402.996]	12.92-	110895	28 55						
	12.92-	112159	28 80		12.92-	110206	24 5.4		
	12.92- 09.96	113920	28 35		12.92- 09.96	113855	24 5.4		
1838 14.6	(SK)[OM440.978]	12.90- 02.01	113920	28 35		12.90- 02.01	110206	24 5.4	
	[OM440.979]	12.92- 09.96	113920	28 35		12.92-	110206	24 5.4	
	[OM440.982]	12.92- 09.96	113920	28 35		12.92-	110206	24 5.4	
	[OM440.991]	12.90- 02.01	113920	28 35		12.90- 02.01	110206	24 5.4	
[OM446.924]	06.95-	110895	28 55		06.95- 02.01	110206	24 5.4		
	06.95-	112159	28 80		07.87- 09.96	113855	24 5.4		
[OM446.925]	06.95-	110895	28 55		06.95-	110206	24 5.4		
	06.95-	112159	28 80		07.87- 09.96	113855	24 5.4		
[OM446.927]	01.94-	112159	28 80		01.94-	110206	24 5.4		
[OM446.943]	12.90- 02.01	113920	28 35		12.90- 02.01	110206	24 5.4		
1840 11.9	(Actros)[OM541.923]	04.96- 10.02	115497	28 80	A49	04.96- 10.02	113851	24 7.5	
		04.96- 10.02	115557	28 100	A49	04.96- 10.02	115885	24 7.5	A49
		09.96- 09.03	112561	28 80					
		09.96-	113351	28 100		04.96- 10.02	111771	24 6.2	
		09.96-	113448	28 100		04.96- 10.02	113609	24 6.2	
	[OM541.924]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80	A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100	A49	04.97- 10.02	115885	24 7.5	A49



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	[OM541.944]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
		09.96- 09.03	112561	28 80			
		09.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113609	24 6.2
	[OM541.945]	04.97-	112561	28 80			
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49
1840 12.0	(Axor)[OM457.937]	01.02-	113351	28 100	01.02-	113609	24 6.2
		01.02- 10.04	115497	28 80 A49	01.02- 10.04	113851	24 7.5
		01.02- 10.04	115557	28 100 A49	01.02- 10.04	115885	24 7.5 A49
	(Axor 2)[OM457.937]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5
		10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49
	[OM457.948]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5
		10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49
	[OM457.955]	10.04-	113351	28 100			
	10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
	10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49	
[OM457.980]	10.04-	113351	28 100				
	10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
	10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49	
1840 12.8	(SK)[OM402.971]	07.91- 07.92	110895	28 55			
		07.91- 07.92	112159	28 80	07.91- 07.92	110206	24 5.4
		07.91- 07.92	113920	28 35	07.91- 07.92	113855	24 5.4
1841 11.9	(Actros)[OM541.944]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.974]	04.03-	112561	28 80			
		04.03-	113351	28 100			
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5
	[OM541.990]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.991]	04.03-	113351	28 100			
	04.03-	115497	28 80 A49				
	04.03-	115557	28 100 A49				
1842 12.8	(Actros)[OM471.900]	10.10-	116291	28 100	10.10-	115885	24 7.5
					10.10-	113851	24 7.5
	[OM471.909]	10.10-	116291	28 100	10.10-	115885	24 7.5
				10.10-	113851	24 7.5	
1843 11.9	(Actros)[OM541.921]	04.97-	112561	28 80			
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49
	[OM541.925]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80			
		09.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113609	24 6.2
	[OM541.946]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80			
		09.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113609	24 6.2
	[OM541.947]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49
	04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
1843 12.0	(Axor)[OM457.937]	01.02-	113351	28 100	01.02-	113609	24 6.2
		01.02- 10.04	115497	28 80 A49	01.02-	113851	24 7.5
		01.02-	115557	28 100 A49	01.02-	115885	24 7.5 A49
	(Axor 2)[OM457.937]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5
		10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49
	[OM457.948]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49	10.04-	113851	24 7.5
		10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49
	[OM457.980]	10.04-	113351	28 100			
	10.04-	115497	28 80 A49	10.04-	113851	24 7.5	
	10.04-	115557	28 100 A49	10.04-	115885	24 7.5 A49	
1844 11.9	(Actros)[OM541.921]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.925]	04.03-	112561	28 80	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.946]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.947]	04.03-	112561	28 80	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49



	[OM541.976]	04.03- 04.03- 04.03-	112561 115497 115557	28 80 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM541.992]	04.03- 04.03- 04.03-	112561 115497 115557	28 80 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	[OM541.993]	04.03- 04.03- 04.03-	112561 115497 115557	28 80 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
1844 14.6	(SK)[OM440.970]	11.91- 11.91- 11.91- 09.96	110895 112159 113920	28 55 28 80 28 35		11.91- 07.87- 09.96	110206 113855	24 5.4 24 5.4
	[OM446.922]	11.91- 11.91- 01.94- 09.96	110895 112159 113920	28 55 28 80 28 35		11.91- 07.87- 09.96	110206 113855	24 5.4 24 5.4
1846 11.9	(Actros)[OM541.948]	04.03- 04.03- 04.03- 04.03-	112561 113351 115497 115557	28 80 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 115885	24 6.2 24 7.5 24 7.5 A49 24 7.5 A49
	[OM541.949]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	[OM541.980]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 115885 113851	24 6.2 24 7.5 A49 24 7.5
	[OM541.981]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM541.994]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	[OM541.995]	04.03- 04.03- 04.03- 04.03-	112561 113351 115497 115557	28 80 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 113851	24 6.2 24 7.5 24 7.5 A49 24 7.5
1848 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 A49 24 6.2 24 7.5
1848 12.0	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 A49 24 6.2 24 7.5
1848 15.9	(Actros)[OM542.921]	04.03- 04.96- 10.02 04.96- 10.02 09.96- 09.96- 09.96-	112159 115497 115557 112561 113351 113448	28 80 28 80 A49 28 100 A49 28 80 28 100 28 100		04.96- 10.02 04.96- 10.02 04.96- 10.02 04.96- 10.02	113851 115885 111771 113609	24 7.5 24 7.5 A49 24 6.2 24 6.2
	[OM542.925]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM542.940]	04.96- 10.02 04.96- 10.02 09.96- 09.96- 09.96-	115497 115557 112561 113351 113448	28 80 A49 28 100 A49 28 80 28 100 28 100		04.96- 10.02 04.96- 10.02 04.96- 10.02 04.96- 10.02	113851 115885 111771 113609	24 7.5 24 7.5 A49 24 6.2 24 6.2
1850 14.6	(SK)[OM440.973]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		07.87- 09.96 07.87- 09.96	113855 110206	24 5.4 24 5.4
	[OM442.971]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.90- 07.87- 09.96	110206 113855	24 5.4 24 5.4
	[OM442.985]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		07.87- 09.96 07.87- 09.96	113855 110206	24 5.4 24 5.4
	[OM442.989]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.90- 07.87- 09.96	110206 113855	24 5.4 24 5.4
	[OM442.992]	07.87- 09.96 12.90- 12.90- 02.91 12.90- 03.91- 02.01	111629 110895 110906 112159 113920	28 120 28 55 28 30 28 80 28 35		07.87- 09.96 07.87- 09.96	113855 110206	24 5.4 24 5.4
	[OM442.997]	12.90- 12.90- 02.91 12.90- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		12.90- 07.87- 09.96	110206 113855	24 5.4 24 5.4
1850 15.9	(Actros)[OM542.940]	04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
1851 15.9	(Actros)[OM542.941]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM542.960]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03- 04.03-	113851 111771 113609 115885	24 7.5 24 6.2 24 6.2 24 7.5 A49

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

	[OM542.961]	04.03- 04.03-	115497 115557	28 80 28 100	A49 A49								
1853 14.6	(SK)[OM446.920]	01.96- 01.96-	110895 112159	28 55 28 80		04.03- 07.87- 09.96	115885 113855	24 7.5 24 5.4	A49 A49				
	[OM446.946]	01.96- 01.96-	110895 112159	28 55 28 80		01.96- 01.96- 09.96	110206 113855	24 5.4 24 5.4					
1853 15.9	(Actros)[OM542.920]	04.96- 10.02 04.96- 10.02	115497 115557	28 80 28 100	A49 A49	04.96- 10.02 04.96- 10.02	115885 111771	24 7.5 24 6.2	A49 A49				
		09.96- 09.96- 09.96-	112561 113351 113448	28 80 28 100 28 100		04.96- 10.02 04.96- 10.02	113609 113851	24 6.2 24 7.5					
	[OM542.942]	04.96- 10.02 04.96- 10.02	115497 115557	28 80 28 100	A49 A49								
1854 15.9	(Actros)[OM542.942]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 28 100	A49 A49	04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49 A49				
	[OM542.962]	04.03- 04.03-	115497 115557	28 80 28 100	A49 A49								
1855 15.9	(Actros MP2 / MP3)[OM542.962]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 28 100									
1857 15.9	(Actros)[OM542.922]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 28 100	A49 A49	04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49 A49				
	[OM542.944]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 28 100	A49 A49	04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49 A49				
1858 15.9	(Actros)[OM542.944]	10.02- 04.03- 04.03- 04.03- 04.03-	115557 112561 113351 113448 115497	28 100 28 80 28 100 28 100 28 80	A49 A49	10.02- 04.03- 10.02- 10.02-	115885 111771 113609 113851	24 7.5 24 6.2 24 6.2 24 7.5	A49 A49				
1860 15.9	(Actros MP2 / MP3)[OM542.964]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 28 100									
1860 16.0	(Actros)[OM542.964]	05.05-	115497	28 80	A49	05.05- 05.05- 05.05-	115885 113609 113851	24 7.5 24 6.2 24 7.5	A49 A49				
1919 9.6	(NG)[OM401.909]	03.78- 08.82	110113	28 27		05.74- 08.82 03.77- 08.82 05.74- 02.77 05.74- 08.82	113855 110206 110210 112120	24 5.4 24 5.4 24 6.6 24 6.6					
	[OM401.916]	03.78- 08.82	110113	28 27		05.74- 08.82 03.77- 08.82 05.74- 02.77 05.74- 08.82	113855 110206 110210 112120	24 5.4 24 5.4 24 6.6 24 6.6					
1922 10.9	(NG)[OM421.905]	10.81- 10.86 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		10.81- 03.91 10.81- 03.91 05.83- 03.91	113855 110206 110210	24 5.4 24 5.4 24 6.6					
1922 11.3	(SK)[OM441.905]	05.89- 08.94 05.89- 02.91 05.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35		05.89- 08.94 05.89- 08.94	110206 113855	24 5.4 24 5.4					
	[OM441.914]	05.89- 08.94 05.89- 02.91 05.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35		05.89- 08.94 05.89- 08.94	110206 113855	24 5.4 24 5.4					
	[OM441.923]	05.89- 08.94 05.89- 02.91 05.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35		05.89- 08.94 05.89- 08.94	110206 113855	24 5.4 24 5.4					
	[OM441.926]	08.89- 08.94 08.89- 02.91 08.89- 08.94 03.91- 08.94	110895 110906 112159 113920	28 55 28 30 28 80 28 35		08.89- 08.94 08.89- 08.94	110206 113855	24 5.4 24 5.4					
1926 12.8	(NG)[OM402.906]	03.78- 12.80	110113	28 27		08.73- 09.96 03.77- 12.80 08.73- 02.77 08.73- 09.96	113855 110206 110210 112120	24 5.4 24 5.4 24 6.6 24 6.6					
	[OM402.912]	03.78- 12.80	110113	28 27		08.73- 09.96 03.77- 12.80 08.73- 02.77 08.73- 09.96	113855 110206 110210 112120	24 5.4 24 5.4 24 6.6 24 6.6					
	[OM402.916]	03.78- 12.80	110113	28 27		08.73- 09.96 03.77- 12.80 05.74- 02.77 08.73- 09.96	113855 110206 110210 112120	24 5.4 24 5.4 24 6.6 24 6.6					
1926 15.1	(MK)[OM442.914]	12.87- 09.96 12.87- 12.91 12.87- 09.96	110895 110906 113920	28 55 28 30 28 35		12.87- 09.96	110206	24 5.4					
	[OM442.922]	12.87- 09.96 12.87- 02.91 12.87- 09.96	110895 110906 113920	28 55 28 30 28 35		12.87- 09.96	110206	24 5.4					
	[OM442.932]	12.87- 09.96 12.87- 02.91 12.87- 09.96	110895 110906 113920	28 55 28 30 28 35		12.87- 09.96	110206	24 5.4					
1928 14.6	(NG)[OM422.905]	10.86- 03.91 11.86- 03.91 11.86- 03.91 10.88- 03.91	110113 110895 110906 112159	28 27 28 55 28 30 28 80		01.80- 03.91 05.83- 03.91 01.80- 03.91	110206 110210 113855	24 5.4 24 6.6 24 5.4					



1928 14.6	(NG)[OM422.905]	01.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55	08.73- 09.96	113855	24 5.4
		11.86- 03.91	110906	28 30	01.80- 03.91	110206	24 5.4
		10.88- 03.91	112159	28 80	05.83- 03.91	110210	24 6.6
	[OM422.906]	01.80- 10.86	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	05.83- 03.91	110210	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.907]	01.80- 10.86	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.911]	01.80- 10.86	110113	28 27	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110895	28 55	05.83- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.913]	01.80- 10.88	110113	28 27	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110895	28 55	01.80- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	05.83- 03.91	110210	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
1929 15.1	(SK)[OM442.906]	07.88- 08.94	110895	28 55			
		07.88- 02.91	110906	28 30			
		07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
		10.88- 08.94	112159	28 80	07.87- 09.96	113855	24 5.4
	[OM442.907]	07.88- 08.94	110895	28 55			
		07.88- 02.91	110906	28 30			
		07.88- 08.94	113920	28 35	07.87- 09.96	113855	24 5.4
		10.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
	[OM442.908]	07.88- 08.94	110895	28 55			
		07.88- 02.91	110906	28 30			
		10.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
		03.91- 08.94	113920	28 35	07.87- 09.96	113855	24 5.4
	[OM442.909]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
	[OM442.916]	07.88- 08.94	110895	28 55			
		07.88- 02.91	110906	28 30			
		10.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4
		03.91- 08.94	113920	28 35	07.87- 09.96	113855	24 5.4
	[OM442.923]	07.88- 08.94	110895	28 55			
		07.88- 02.91	110906	28 30			
10.88- 08.94		112159	28 80	07.88- 08.94	110206	24 5.4	
03.91- 08.94		113920	28 35	07.87- 09.96	113855	24 5.4	
[OM442.924]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
[OM442.925]	07.88- 08.94	110895	28 55				
	07.88- 02.91	110906	28 30				
	07.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4	
	03.91- 08.94	113920	28 35	07.87- 09.96	113855	24 5.4	
[OM442.926]	07.88- 08.94	110895	28 55				
	07.88- 02.91	110906	28 30				
	10.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4	
	03.91- 08.94	113920	28 35	07.88- 08.94	113855	24 5.4	
[OM442.929]	07.88- 08.94	110895	28 55				
	07.88- 02.91	110906	28 30				
	10.88- 08.94	112159	28 80	07.88- 08.94	110206	24 5.4	
	03.91- 08.94	113920	28 35	07.88- 08.94	113855	24 5.4	
[OM442.971]	07.88- 09.93	113920	28 35	07.88- 09.93	110206	24 5.4	
1929 18.3	(SK)[OM443.940]	07.88- 08.94	110895	28 55	07.88- 08.94	110206	24 5.4
1932 15.9	(NG)[OM403.916]	08.73- 09.83	110113	28 27	08.73- 09.96	113855	24 5.4
					08.73- 09.83	110210	24 6.6
					08.73- 09.96	112120	24 6.6
					08.73- 09.83	110210	24 6.6
[OM403.931]	08.73- 09.83	110113	28 27	08.73- 09.83	110210	24 6.6	
				08.73- 09.96	112120	24 6.6	
				08.73- 09.96	113855	24 5.4	
1933 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.954]	11.80- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55	08.73- 09.96	112120	24 6.6
		11.86- 03.91	110906	28 30	11.80- 03.91	110210	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.956]	11.80- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.957]	11.80- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM422.958]	11.80- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55	11.80- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30	08.73- 09.96	112120	24 6.6
		10.88- 03.91	112159	28 80	08.73- 09.96	113855	24 5.4
1933 7.2	(Axor)[OM926.921]				10.04-	114523	24 4.0
	[OM926.990]				10.04-	114523	24 4.0
1935 14.6	(NG)[OM442.950]	02.86- 10.86	110113	28 27			
		11.86- 09.89	110895	28 55			
		11.86- 09.89	110906	28 30	02.86- 09.89	110206	24 5.4
		10.88- 09.89	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM442.952]	02.86- 10.86	110113	28 27			
		11.86- 09.89	110895	28 55			
		11.86- 09.89	110906	28 30	02.86- 09.89	110206	24 5.4
		10.88- 09.89	112159	28 80	08.73- 09.96	113855	24 5.4
	[OM442.962]	09.87- 03.91	110895	28 55			
		09.87- 03.91	110906	28 30	09.87- 03.91	113855	24 5.4
		10.88- 03.91	112159	28 80	09.87- 03.91	110206	24 5.4



	(SK)[OM440.940]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.942]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.943]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.944]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.963]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.964]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.966]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.971]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.972]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.976]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.977]	05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
	[OM442.978]	03.81-08.94	113920	28 35	05.89-08.94	113855	24 5.4	
		05.89-08.94	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-08.94	112159	28 80	05.89-08.94	110206	24 5.4	
1936 18.3	(NG)[OM423.905]	10.81-10.86	110113	28 27				
		11.86-03.91	110895	28 55	10.81-03.91	113855	24 5.4	
		11.86-03.91	110906	28 30	10.81-03.91	110210	24 6.6	
		10.88-03.91	112159	28 80	10.81-03.91	112120	24 6.6	
	[OM423.906]	10.81-10.86	110113	28 27				
		11.86-03.91	110895	28 55	10.81-03.91	110210	24 6.6	
		11.86-03.91	110906	28 30	10.81-03.91	112120	24 6.6	
		10.88-03.91	112159	28 80	10.81-03.91	113855	24 5.4	
	[OM423.907]	10.81-10.86	110113	28 27				
		11.86-03.91	110895	28 55	10.81-03.91	110210	24 6.6	
		11.86-03.91	110906	28 30	10.81-03.91	112120	24 6.6	
		10.88-03.91	112159	28 80	10.81-03.91	113855	24 5.4	
	[OM423.908]	10.81-10.86	110113	28 27				
		06.85-09.96	113920	28 35				
		11.86-03.91	110895	28 55	10.81-03.91	110210	24 6.6	
		11.86-03.91	110906	28 30	08.73-09.96	112120	24 6.6	
		10.88-03.91	112159	28 80	10.81-03.91	113855	24 5.4	
1938 14.6	(NG)[OM422.953]	11.80-10.86	110113	28 27				
		11.86-06.90	110895	28 55	11.80-06.90	110210	24 6.6	
		11.86-06.90	110906	28 30	08.73-09.96	112120	24 6.6	
		10.88-06.90	112159	28 80	08.73-09.96	113855	24 5.4	
	[OM422.955]	11.80-10.86	110113	28 27				
		11.86-06.90	110895	28 55				
		11.86-06.90	110906	28 30	11.80-06.90	110210	24 6.6	
		10.88-06.90	112159	28 80	08.73-09.96	113855	24 5.4	
	[OM422.959]	11.80-10.86	110113	28 27				
		11.86-06.90	110895	28 55	11.80-06.90	110210	24 6.6	
		11.86-06.90	110906	28 30	08.73-09.96	112120	24 6.6	
		10.88-06.90	112159	28 80	08.73-09.96	113855	24 5.4	
1944 14.6	(NG)[OM442.951]	10.85-10.86	110113	28 27				
		11.86-12.89	110895	28 55				
		11.86-12.89	110906	28 30	08.73-09.96	113855	24 5.4	
		10.88-12.89	112159	28 80	10.85-12.89	110206	24 5.4	
1945 18.3	(SK)[OM443.940]				07.88-08.94	110210	24 6.6	
1948 14.6	(SK)[OM442.982]	09.88-07.92	110895	28 55				
		09.88-02.91	110906	28 30				
		10.88-07.92	112159	28 80	09.88-07.92	113855	24 5.4	
		03.91-07.92	113920	28 35	09.88-07.92	110206	24 5.4	
	[OM442.984]	09.88-07.92	110895	28 55				
		09.88-02.91	110906	28 30				
		10.88-07.92	112159	28 80	09.88-07.92	110206	24 5.4	
		03.91-07.92	113920	28 35	09.88-07.92	113855	24 5.4	
	[OM442.985]	09.88-07.92	110895	28 55				
		09.88-02.91	110906	28 30				
		10.88-07.92	112159	28 80	09.88-07.92	110206	24 5.4	
		03.91-07.92	113920	28 35	09.88-07.92	113855	24 5.4	



	[OM442.989]	09.88-07.92	110895	28 55				
		09.88-02.91	110906	28 30				
		10.88-07.92	112159	28 80		09.88-07.92	110206	24 5.4
		03.91-07.92	113920	28 35		09.88-07.92	113855	24 5.4
2020 6.0	(LK/LN2)[OM366.988]	01.84-02.91	110906	28 30		01.84-12.98	110524	24 4.0
		03.91-12.98	110895	28 55				
		03.91-12.98	113920	28 35		05.92-12.98	113979	24 4.0
2024 11.0	(SK)[OM445.924]					01.94-	110206	24 5.4
	[OM445.925]					01.94-	110206	24 5.4
2024 6.0	(LK/LN2)[OM356.999]	01.84-12.98	113920	28 35		01.84-12.98	113979	24 4.0
						01.84-12.98	110524	24 4.0
	[OM357.941]	01.84-12.98	113920	28 35		01.84-12.98	113979	24 4.0
						01.84-12.98	110524	24 4.0
	[OM357.947]	01.84-12.98	113920	28 35		01.84-12.98	113979	24 4.0
						01.84-12.98	110524	24 4.0
2024 9.6	(SK)[OM401.975]	02.93-	110895	28 55		02.93-	110206	24 5.4
		02.93-	112159	28 80		02.93-	110210	24 6.6
		02.93-09.94	113920	28 35		02.93-09.96	113855	24 5.4
	[OM401.984]	02.93-	110895	28 55		02.93-	110206	24 5.4
		02.93-	112159	28 80		02.93-	110210	24 6.6
		02.93-09.96	113920	28 35		02.93-09.96	113855	24 5.4
2025 12.8	(NG)[OM402.912]	10.76-10.80	110113	28 27		10.76-10.80	113855	24 5.4
						03.77-10.80	110206	24 5.4
						10.76-02.77	110210	24 6.6
	[OM402.916]	10.76-10.80	110113	28 27		10.76-10.80	113855	24 5.4
						03.77-10.80	110206	24 5.4
						10.76-02.77	110210	24 6.6
2025 14.6	(NG)[OM422.909]	08.83-10.86	110113	28 27				
		11.86-03.91	110895	28 55		08.83-03.91	110210	24 6.6
		11.86-03.91	110906	28 30		08.83-03.91	112120	24 6.6
		10.88-03.91	112159	28 80		08.83-03.91	113855	24 5.4
2027 11.0	(SK)[OM445.933]					02.93-09.96	110206	24 5.4
2027 9.6	(SK)[OM401.989]					02.93-09.96	110206	24 5.4
2028 14.6	(NG)[OM422.905]	01.80-10.86	110113	28 27				
		11.86-06.89	110895	28 55		01.80-06.89	110206	24 5.4
		11.86-06.89	110906	28 30		01.80-06.89	110210	24 6.6
		10.88-06.89	112159	28 80		01.80-06.89	113855	24 5.4
	[OM422.906]	01.80-10.86	110113	28 27		01.80-06.89	110206	24 5.4
		11.86-06.89	110895	28 55		01.80-06.89	110210	24 6.6
		11.86-06.89	110906	28 30		01.80-06.89	112120	24 6.6
		10.88-06.89	112159	28 80		01.80-06.89	113855	24 5.4
	[OM422.907]	01.80-05.85	110113	28 27				
		06.85-06.89	113920	28 35		05.83-06.89	110210	24 6.6
		11.86-06.89	110895	28 55				
		10.88-06.89	112159	28 80		01.80-06.89	110206	24 5.4
	[OM422.910]	01.80-10.86	110113	28 27		01.80-06.89	110206	24 5.4
		11.86-06.89	110895	28 55		01.80-06.89	110210	24 6.6
		11.86-06.89	110906	28 30		01.80-06.89	112120	24 6.6
		10.88-06.89	112159	28 80		01.80-06.89	113855	24 5.4
	[OM422.911]	01.80-10.86	110113	28 27		01.80-06.89	112120	24 6.6
		06.85-06.89	113920	28 35				
		11.86-06.89	110895	28 55		01.80-06.89	113855	24 5.4
		11.86-06.89	110906	28 30		01.80-06.89	110206	24 5.4
		10.88-06.89	112159	28 80		01.80-06.89	110210	24 6.6
	[OM422.913]	01.80-05.85	110113	28 27				
		06.85-06.89	113920	28 35		05.83-06.89	110210	24 6.6
		11.86-06.89	110895	28 55				
		10.88-06.89	112159	28 80		01.80-06.89	110206	24 5.4
2031 11.0	(SK)[OM445.929]					01.94-09.96	110206	24 5.4
	[OM445.930]	01.94-	110895	28 55		01.94-	110206	24 5.4
2031 11.9	(Actros)[OM541.920]	04.96-	112561	28 80				
		04.96-	113351	28 100		04.96-10.02	111771	24 6.2
		04.96-	113448	28 100		04.96-10.02	113609	24 6.2
		04.96-10.02	115497	28 80 A49		04.96-10.02	113851	24 7.5
		04.96-10.02	115557	28 100 A49		04.96-10.02	115885	24 7.5 A49
	[OM541.926]	04.96-01.01	112561	28 80				
		04.96-01.01	113351	28 100		04.96-10.02	111771	24 6.2
		04.96-01.01	113448	28 100		04.96-10.02	113609	24 6.2
		04.96-10.02	115497	28 80 A49		04.96-10.02	113851	24 7.5
		04.96-10.02	115557	28 100 A49		04.96-10.02	115885	24 7.5 A49
	[OM541.940]	04.96-	112561	28 80				
		04.96-	113351	28 100		04.96-10.02	111771	24 6.2
		04.96-	113448	28 100		04.96-10.02	113609	24 6.2
		04.96-10.02	115497	28 80 A49		04.96-10.02	113851	24 7.5
		04.96-10.02	115557	28 100 A49		04.96-10.02	115885	24 7.5 A49
	[OM541.941]	04.96-	112561	28 80				
		04.96-	113351	28 100		04.96-10.02	111771	24 6.2
		04.96-	113448	28 100		04.96-10.02	113609	24 6.2
		04.96-10.02	115497	28 80 A49		04.96-10.02	113851	24 7.5
		04.96-10.02	115557	28 100 A49		04.96-10.02	115885	24 7.5 A49
2031 12.8	(SK)[OM402.978]	03.92-08.96	110895	28 55		03.92-	110206	24 5.4
		03.92-08.96	113920	28 35		03.92-	110210	24 6.6
	[OM402.996]	03.92-08.96	110895	28 55		03.92-	110206	24 5.4
		03.92-08.96	113920	28 35		03.92-	110210	24 6.6
	[OM440.979]	03.92-08.96	113920	28 35		03.92-	110206	24 5.4
2031 14.6	(SK)[OM446.927]	01.94-	112159	28 80		01.94-	110206	24 5.4
2031 9.6	(SK)[OM401.972]	03.92-09.96	110895	28 55		03.92-09.96	113855	24 5.4
		03.92-09.96	112159	28 80		03.92-	110210	24 6.6
		03.92-09.96	113920	28 35		03.92-09.96	110206	24 5.4
	[OM401.979]	03.92-09.96	110895	28 55		03.92-09.96	113855	24 5.4
		03.92-09.96	112159	28 80		03.92-	110210	24 6.6
		03.92-09.96	113920	28 35		03.92-09.96	110206	24 5.4
	[OM401.986]	03.92-08.96	110895	28 55		03.92-	110206	24 5.4
		03.92-08.96	113920	28 35		03.92-	110210	24 6.6
	[OM401.993]	03.92-09.96	110895	28 55				
		03.92-09.96	112159	28 80		03.92-09.96	113855	24 5.4
		03.92-09.96	113920	28 35		03.92-09.96	110206	24 5.4

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

2032 11.9	(Actros)[OM541.920]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.926]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.940]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.941]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.970]	04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.996]	04.03-	115497	28 80 A49			
	[OM541.997]	04.03-	113351	28 100	04.03-	111771	24 6.2
	04.03-	113448	28 100	04.03-	113609	24 6.2	
	04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
	04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
2032 14.6	(NG)[OM422.952]	12.81- 10.86	110113	28 27			
		11.86- 05.87	110895	28 55	12.81- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30	12.81- 05.87	113855	24 5.4
	[OM422.956]	12.81- 10.86	110113	28 27			
	11.86- 05.87	110895	28 55	12.81- 05.87	110210	24 6.6	
	11.86- 05.87	110906	28 30	12.81- 05.87	113855	24 5.4	
2032 15.9	(NG)[OM403.931]	08.75- 09.83	110113	28 27	08.75- 09.83	113855	24 5.4
					08.75- 09.83	110210	24 6.6
	[OM403.932]	08.75- 09.83	110113	28 27	08.75- 09.83	112120	24 6.6
				08.75- 09.83	113855	24 5.4	
				08.75- 09.83	110210	24 6.6	
				08.75- 09.83	112120	24 6.6	
2033 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
2035 11.9	(Actros)[OM541.922]	04.96-	113351	28 100	04.96- 10.02	111771	24 6.2
		04.96-	113448	28 100	04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
	[OM541.927]	04.97-	112561	28 80			
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49
	[OM541.942]	04.96- 10.02	115497	28 80 A49			
	[OM541.943]	04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
		04.97-	112561	28 80			
	04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
	04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
	04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
	04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
2035 14.6	(NG)[OM442.950]	06.86- 10.86	110113	28 27			
		11.86- 07.89	110895	28 55	06.86- 07.89	110206	24 5.4
		11.86- 07.89	110906	28 30	08.73- 09.96	113855	24 5.4
	[OM442.952]	06.86- 10.86	110113	28 27			
	11.86- 07.89	110895	28 55	06.86- 07.89	110206	24 5.4	
	11.86- 07.89	110906	28 30	08.73- 09.96	113855	24 5.4	
[OM442.958]	06.86- 10.86	110113	28 27				
	11.86- 07.89	110895	28 55	06.86- 07.89	110206	24 5.4	
	11.86- 07.89	110906	28 30	08.73- 09.96	113855	24 5.4	
2036 11.9	(Actros)[OM541.922]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.927]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.942]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5
	[OM541.943]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.972]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.922]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
[OM541.942]	04.03-	112561	28 80				
	04.03-	113351	28 100	04.03-	113851	24 7.5	
	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
[OM541.972]	04.03-	112561	28 80				
	04.03-	113351	28 100	04.03-	113851	24 7.5	
	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
[OM541.998]	04.03-	112561	28 80				
	04.03-	113351	28 100	04.03-	113851	24 7.5	
	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	



2036 14.6	(NG)[OM442.950]	03.84- 05.85	110113	28 27					
		06.85- 11.86	113920	28 35			03.84- 06.89	110210	24 6.6
		11.86- 06.89	110895	28 55					
	[OM442.962]	03.84- 05.85	110113	28 27					
		03.84- 06.89	113920	28 35			03.84- 06.89	110210	24 6.6
		11.86- 06.89	110895	28 55					
2036 18.3	(NG)[OM423.905]	03.84- 10.86	110113	28 27					
		11.86- 03.91	110895	28 55			03.84- 03.91	113855	24 5.4
		11.86- 03.91	110906	28 30			03.84- 03.91	110210	24 6.6
	[OM423.908]	03.84- 10.86	110113	28 27					
		11.86- 03.91	110895	28 55			03.84- 03.91	110210	24 6.6
		11.86- 03.91	110906	28 30			03.84- 03.91	112120	24 6.6
2038 12.8	(SK)[OM402.971]	11.91-	110895	28 55			11.91-	110206	24 5.4
		11.91-	112159	28 80			11.91-	110210	24 6.6
		11.91- 08.96	113920	28 35			11.91- 09.96	113855	24 5.4
	[OM402.972]	11.91- 08.96	113920	28 35			11.91- 09.96	113855	24 5.4
							11.91-	110206	24 5.4
							11.91-	110210	24 6.6
2038 14.6	(SK)[OM440.970]	12.92- 09.96	113920	28 35			12.92-	110206	24 5.4
							12.92-	110206	24 5.4
							12.92- 09.96	113855	24 5.4
	[OM440.979]	12.92-	112159	28 80					
		01.94-	112159	28 80			01.94-	110206	24 5.4
		01.94-	112159	28 80			01.94-	110206	24 5.4
2040 11.9	(Actros)[OM541.923]	04.96-	112561	28 80					
		04.96-	113351	28 100			04.96- 10.02	111771	24 6.2
		04.96-	113448	28 100			04.96- 10.02	113609	24 6.2
	[OM541.924]	04.96- 10.02	115497	28 80 A49			04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49			04.96- 10.02	115885	24 7.5 A49
		04.96- 01.01	112561	28 80					
2040 12.0	(Actros)[OM541.923]	04.96- 01.01	113351	28 100			04.96- 10.02	111771	24 6.2
		04.96- 01.01	113448	28 100			04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49			04.96- 10.02	113851	24 7.5
	[OM541.944]	04.96- 10.02	115557	28 100 A49			04.96- 10.02	115885	24 7.5 A49
		04.96-	112561	28 80					
		04.96-	113351	28 100			04.96- 10.02	111771	24 6.2
2041 11.9	(Actros)[OM541.923]	04.96-	113448	28 100			04.96- 10.02	113609	24 6.2
		04.96-	113448	28 100			04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49			04.96- 10.02	113851	24 7.5
	[OM541.945]	04.96- 10.02	115557	28 100 A49			04.96- 10.02	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2041 11.9	(Actros)[OM541.923]	04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.924]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2041 11.9	(Actros)[OM541.923]	04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.944]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2041 11.9	(Actros)[OM541.923]	04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.945]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2041 11.9	(Actros)[OM541.923]	04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.974]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2043 11.9	(Actros)[OM541.921]	04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.990]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2043 11.9	(Actros)[OM541.921]	04.03-	113448	28 100			04.03-	113851	24 7.5
		04.03-	113448	28 100			04.03-	113851	24 7.5
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.991]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.03-	113351	28 100			04.03-	111771	24 6.2
		04.03-	113448	28 100			04.03-	113609	24 6.2
2043 11.9	(Actros)[OM541.921]	04.03-	113448	28 100			04.03-	113851	24 7.5
		04.03-	113448	28 100			04.03-	113851	24 7.5
		04.03-	115497	28 80 A49			04.03-	113851	24 7.5
	[OM541.921]	04.03-	115557	28 100 A49			04.03-	115885	24 7.5 A49
		04.96-	113351	28 100			04.96- 10.02	113609	24 6.2
		04.96- 10.02	115497	28 80 A49			04.96- 10.02	113851	24 7.5
2043 11.9	(Actros)[OM541.921]	04.96- 10.02	115557	28 100 A49			04.96- 10.02	115885	24 7.5 A49
		04.96- 10.02	115557	28 100 A49			04.96- 10.02	115885	24 7.5 A49



MERCEDES-BENZ Continued

Application list

	[OM541.925]	04.96- 04.96- 10.02 04.96- 10.02	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.96- 10.02 04.96- 10.02 04.96- 10.02 04.96- 10.02	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
	[OM541.947]	04.96- 10.02 04.96- 10.02	115497 115557	28 80 A49 28 100 A49		04.96- 10.02	115885	24 7.5 A49
2044 11.9	(Actros)[OM541.921]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM541.925]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM541.946]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	115885 111771 113609 113851	24 7.5 A49 24 6.2 24 6.2 24 7.5
	[OM541.947]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM541.976]	04.03- 04.03- 04.03- 04.03-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)[OM541.925]	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
	[OM541.946]	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
	[OM541.976]	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
	[OM541.992]	04.03- 04.03- 04.03-	113351 113448 115497	28 100 28 100 28 80 A49		04.03- 04.03-	113851 115885	24 7.5 24 7.5 A49
2044 12.0	(Actros)[OM541.947]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03- 04.03-	113851 115885 111771 113609	24 7.5 24 7.5 A49 24 6.2 24 6.2
	[OM541.993]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
2044 14.6	(SK)[OM440.970]	01.92- 01.92- 01.92- 09.96	110895 112159 113920	28 55 28 80 28 35		01.92- 09.96 01.92- 09.96 01.91-	113855 110206 110210	24 5.4 24 5.4 24 6.6
	[OM440.978]	01.92- 01.92- 01.92- 09.96	110895 112159 113920	28 55 28 80 28 35		01.92- 01.91- 01.92- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
	[OM440.979]	01.94- 09.96	113920	28 35		01.91- 01.94- 09.96	110210 110206	24 6.6 24 5.4
	[OM446.922]	01.92- 01.92- 01.94- 08.96	110895 112159 113920	28 55 28 80 28 35		01.92- 01.91- 01.92- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
2046 11.9	(Actros)[OM541.948]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	[OM541.949]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	[OM541.980]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03-	113609 113851 115885	24 6.2 24 7.5 24 7.5 A49
	[OM541.995]	04.03- 04.03-	113351 115497	28 100 28 80 A49		04.03- 04.03- 04.03-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)[OM541.948]	04.03- 04.03-	113351 115497	28 100 28 80 A49				
	[OM541.980]	04.03- 04.03-	113351 115497	28 100 28 80 A49				
	[OM541.994]	04.03- 04.03-	113351 115497	28 100 28 80 A49				
2048 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 A49 24 6.2 24 7.5
	(Actros MP2 / MP3)[OM541.978]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
2048 12.0	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 A49 24 6.2 24 7.5
2048 15.9	(Actros)[OM542.925]	04.03- 04.96- 04.96- 10.02 04.96- 10.02	112159 113351 115497 115557	28 80 28 100 28 80 A49 28 100 A49		04.96- 10.02 04.96- 10.02 04.96- 10.02 04.96- 10.02	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
2050 14.6	(SK)[OM440.976]	01.91- 01.91- 02.91 01.91- 01.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		01.91- 01.91- 01.91- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4
	[OM442.985]	01.91- 01.91- 02.91 01.91- 03.91- 02.01	110895 110906 112159 113920	28 55 28 30 28 80 28 35		01.91- 01.91- 01.91- 09.96	110206 110210 113855	24 5.4 24 6.6 24 5.4



	[OM442.989]	01.91-110895	28 55						
		01.91-02.91 110906	28 30		01.91-	110206	24 5.4		
		01.91-112159	28 80		01.91-	110210	24 6.6		
		03.91-02.01 113920	28 35		01.91-09.96	113855	24 5.4		
	[OM442.992]	01.91-110895	28 55						
		01.91-02.91 110906	28 30		01.91-	110206	24 5.4		
		01.91-112159	28 80		01.91-	110210	24 6.6		
		03.91-02.01 113920	28 35		01.91-09.96	113855	24 5.4		
	[OM442.997]	01.91-110895	28 55						
		01.91-02.91 110906	28 30		01.91-	110206	24 5.4		
		01.91-112159	28 80		01.91-	110210	24 6.6		
		03.91-02.01 113920	28 35		01.91-09.96	113855	24 5.4		
	[OM446.920]	01.91-110895	28 55						
		01.91-02.91 110906	28 30		01.91-	110206	24 5.4		
		01.91-112159	28 80		01.91-	110210	24 6.6		
		03.91-02.01 113920	28 35		01.91-09.96	113855	24 5.4		
2050 15.9	(Actros)[OM542.940]	04.03-113351	28 100		04.03-	111771	24 6.2		
		04.03-113448	28 100		04.03-	113609	24 6.2		
		04.03-115497	28 80 A49		04.03-	113851	24 7.5		
		04.03-115557	28 100 A49		04.03-	115885	24 7.5 A49		
	[OM542.941]	04.03-113351	28 100		04.03-	111771	24 6.2		
		04.03-113448	28 100		04.03-	113609	24 6.2		
		04.03-115497	28 80 A49		04.03-	113851	24 7.5		
		04.03-115557	28 100 A49		04.03-	115885	24 7.5 A49		
2051 15.9	(Actros MP2 / MP3)[OM542.940]	06.08-113351	28 100						
		06.08-115497	28 80 A49						
		06.08-115557	28 100 A49						
	[OM542.960]	06.08-113351	28 100						
		06.08-115497	28 80 A49						
		06.08-115557	28 100 A49						
2051 16.0	(Actros)[OM542.940]	04.03-115497	28 80 A49		04.03-	115885	24 7.5 A49		
					04.03-	113609	24 6.2		
					04.03-	113851	24 7.5		
	[OM542.960]	04.03-115497	28 80 A49		04.03-	115885	24 7.5 A49		
					04.03-	113609	24 6.2		
					04.03-	113851	24 7.5		
2053 15.9	(Actros)[OM542.920]	04.96-112561	28 80						
		04.96-113351	28 100		04.96-10.02	111771	24 6.2		
		04.96-113448	28 100		04.96-10.02	113609	24 6.2		
		04.96-10.02 115497	28 80 A49		04.96-10.02	113851	24 7.5		
		04.96-10.02 115557	28 100 A49		04.96-10.02	115885	24 7.5 A49		
	[OM542.942]	04.96-112561	28 80						
		04.96-113351	28 100		04.96-10.02	111771	24 6.2		
		04.96-113448	28 100		04.96-10.02	113609	24 6.2		
		04.96-10.02 115497	28 80 A49		04.96-10.02	113851	24 7.5		
		04.96-10.02 115557	28 100 A49		04.96-10.02	115885	24 7.5 A49		
2054 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-113448	28 100						
2055 14.6	(SK)[OM442.997]				01.92-09.96	110206	24 5.4		
2055 15.9	(Actros MP2 / MP3)[OM542.962]	06.08-113351	28 100						
		06.08-115497	28 80 A49						
		06.08-115557	28 100 A49						
2219 5.7	(NG)[OM362.906]	02.83-09.85 110113	28 27		02.83-09.85	110524	24 4.0		
	[OM362.909]	02.83-09.85 110113	28 27		02.83-09.85	110524	24 4.0		
2219 9.6	(NG)[OM401.914]	04.81-01.87 111141	14 55		06.76-01.87	113855	24 5.4		
					03.77-01.87	110206	24 5.4		
					06.76-02.77	110210	24 6.6		
					06.76-01.87	112120	24 6.6		
	[OM401.923]	04.81-01.87 111141	14 55		08.73-09.96	112120	24 6.6		
					06.76-01.87	110206	24 5.4		
					06.76-01.87	110210	24 6.6		
					08.73-09.96	113855	24 5.4		
	[OM401.925]	04.81-01.87 111141	14 55		06.76-01.87	113855	24 5.4		
					03.77-01.87	110206	24 5.4		
					06.76-02.77	110210	24 6.6		
					06.76-01.87	112120	24 6.6		
	[OM401.926]	04.81-01.87 111141	14 55		08.73-09.96	112120	24 6.6		
					06.76-01.87	110206	24 5.4		
					06.76-01.87	110210	24 6.6		
					08.73-09.96	113855	24 5.4		
	[OM401.927]	04.81-01.87 111141	14 55		08.73-09.96	113855	24 5.4		
					06.76-01.87	110206	24 5.4		
					06.76-01.87	110210	24 6.6		
					08.73-09.96	112120	24 6.6		
2220 6.0	(NG)[OM366.983]	07.85-10.86 110113	28 27						
		11.86-03.91 110895	28 55						
		11.86-03.91 110906	28 30						
		10.88-03.91 112159	28 80		07.85-03.91	110524	24 4.0		
2222 11.0	(NG)[OM421.905]	08.73-09.96 113920	28 35		08.73-09.96	112120	24 6.6		
		05.82-10.86 110113	28 27						
		11.86-03.91 110895	28 55		05.82-03.91	110206	24 5.4		
		11.86-03.91 110906	28 30		05.82-03.91	110210	24 6.6		
		10.88-03.91 112159	28 80		08.73-09.96	113855	24 5.4		
	[OM421.907]	05.82-10.86 110113	28 27		05.82-03.91	110206	24 5.4		
		11.86-03.91 110895	28 55		05.82-03.91	110210	24 6.6		
		11.86-03.91 110906	28 30		05.82-03.91	112120	24 6.6		
		10.88-03.91 112159	28 80		05.82-03.91	113855	24 5.4		
	[OM441.905]	08.73-09.96 113920	28 35		08.73-09.96	112120	24 6.6		
	[OM441.906]	05.82-10.86 110113	28 27		05.82-03.91	110206	24 5.4		
		11.86-03.91 110895	28 55		05.82-03.91	110210	24 6.6		
		11.86-03.91 110906	28 30		05.82-03.91	112120	24 6.6		
		10.88-03.91 112159	28 80		05.82-03.91	113855	24 5.4		
	[OM441.917]				08.73-09.96	112120	24 6.6		
2222 11.3	(NG)[OM441.914]	08.73-09.96 113920	28 35						
	[OM441.919]	08.73-09.96 113920	28 35						



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2224 12.8	(NG)[OM402.910]	04.76- 12.82	111141	14	55	04.76- 12.82	113855	24	5.4	
						03.77- 12.82	110206	24	5.4	
						04.76- 02.77	110210	24	6.6	
						04.76- 12.82	112120	24	6.6	
		[OM402.911]	04.76- 12.82	111141	14	55	04.76- 12.82	113855	24	5.4
							04.76- 12.82	110206	24	5.4
							04.76- 12.82	110210	24	6.6
							04.76- 12.82	112120	24	6.6
		[OM402.914]	03.78- 06.82	110113	28	27	05.75- 02.77	110210	24	6.6
							03.77- 03.84	110206	24	5.4
		[OM402.927]	04.76- 12.82	111141	14	55	04.76- 12.82	113855	24	5.4
							03.77- 12.82	110206	24	5.4
						04.76- 12.82	110210	24	6.6	
						04.76- 12.82	112120	24	6.6	
	[OM402.928]	04.76- 12.82	111141	14	55	04.76- 12.92	113855	24	5.4	
						04.76- 12.82	110206	24	5.4	
						04.76- 12.82	110210	24	6.6	
						04.76- 12.82	112120	24	6.6	
2225 14.6	(NG)[OM422.909]	08.73- 09.96	113920	28	35	04.85- 03.91	110206	24	5.4	
		04.85- 10.86	110113	28	27	04.85- 03.91	110210	24	6.6	
		11.86- 03.91	110895	28	55	04.85- 03.91	113855	24	5.4	
		11.86- 03.91	110906	28	30	08.73- 09.96	112120	24	6.6	
		[OM422.912]	08.83- 10.86	110113	28	27	08.83- 03.91	110206	24	5.4
			11.86- 03.91	110895	28	55	08.83- 03.91	110210	24	6.6
			11.86- 03.91	110906	28	30	08.83- 03.91	112120	24	6.6
			10.88- 03.91	112159	28	80	08.83- 03.91	113855	24	5.4
	2226 12.8	(NG)[OM402.912]	09.75- 12.80	110113	28	27	08.73- 09.96	113855	24	5.4
							03.77- 12.80	110206	24	5.4
							06.75- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
		[OM402.916]	09.75- 12.80	110113	28	27	08.73- 09.96	113855	24	5.4
							03.77- 12.80	110206	24	5.4
							06.75- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
		[OM402.924]	09.75- 12.80	110113	28	27	08.73- 09.96	113855	24	5.4
							03.77- 12.80	110206	24	5.4
							06.75- 02.77	110210	24	6.6
							08.73- 09.96	112120	24	6.6
2228 14.6	(NG)[OM422.905]	12.79- 10.86	110113	28	27	12.79- 03.91	110210	24	6.6	
		11.86- 03.91	110895	28	55	08.73- 09.96	112120	24	6.6	
		11.86- 03.91	110906	28	30	08.73- 09.96	113855	24	5.4	
						12.79- 03.91	110206	24	5.4	
		[OM422.906]	12.79- 10.86	110113	28	27	12.79- 03.91	110206	24	5.4
			11.86- 03.91	110895	28	55	12.79- 03.91	110210	24	6.6
			11.86- 03.91	110906	28	30	08.73- 09.96	112120	24	6.6
							08.73- 09.96	113855	24	5.4
		[OM422.911]	12.79- 10.86	110113	28	27	12.79- 03.91	110210	24	6.6
			11.86- 03.91	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 03.91	110906	28	30	08.73- 09.96	113855	24	5.4
							12.79- 03.91	110206	24	5.4
2232 15.9	(NG)[OM403.931]	05.75- 09.83	110113	28	27	08.73- 09.96	113855	24	5.4	
						05.74- 09.83	110210	24	6.6	
							08.73- 09.96	112120	24	6.6
		[OM403.932]	05.75- 09.83	110113	28	27	08.73- 09.96	113855	24	5.4
							05.74- 09.83	110210	24	6.6
							08.73- 09.96	112120	24	6.6
2233 14.6	(NG)[OM422.952]	11.80- 10.86	110113	28	27	11.80- 05.87	110210	24	6.6	
		11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6	
		11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4	
		[OM422.954]	11.80- 10.86	110113	28	27	11.80- 05.87	110210	24	6.6
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
		[OM422.957]	11.80- 10.86	110113	28	27	11.80- 05.87	110210	24	6.6
			06.85- 05.87	113920	28	35				
			11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4
		[OM422.958]	11.80- 10.86	110113	28	27	11.80- 05.87	110210	24	6.6
		06.85- 05.87	113920	28	35					
		11.86- 05.87	110895	28	55	08.73- 09.96	112120	24	6.6	
		11.86- 05.87	110906	28	30	08.73- 09.96	113855	24	5.4	
2235 14.6	(NG)[OM442.950]	11.83- 07.89	110895	28	55					
		03.86- 10.86	110113	28	27	03.86- 07.89	110206	24	5.4	
		11.86- 07.89	110906	28	30	08.73- 09.96	113855	24	5.4	
		10.88- 07.89	112159	28	80					
2236 18.3	(NG)[OM423.905]	09.82- 10.86	110113	28	27	09.82- 03.91	110210	24	6.6	
		11.86- 03.91	110895	28	55	09.82- 03.91	112120	24	6.6	
		11.86- 03.91	110906	28	30	09.82- 03.91	113855	24	5.4	
		[OM423.908]	09.82- 10.86	110113	28	27	09.82- 03.91	110210	24	6.6
			11.86- 03.91	110895	28	55	09.82- 03.91	112120	24	6.6
		11.86- 03.91	110906	28	30	09.82- 03.91	113855	24	5.4	
2238 14.6	(NG)[OM422.953]	01.81- 10.86	110113	28	27	01.81- 12.86	110210	24	6.6	
		11.86- 12.86	110895	28	55	08.73- 09.96	112120	24	6.6	
		11.86- 12.86	110906	28	30	08.73- 09.96	113855	24	5.4	
						01.81- 12.86	110206	24	5.4	
		[OM422.955]	01.81- 10.86	110113	28	27	01.81- 12.86	110210	24	6.6
			11.86- 12.86	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 12.86	110906	28	30	08.73- 09.96	113855	24	5.4
							01.81- 12.86	110206	24	5.4
		[OM422.959]	01.81- 10.86	110113	28	27	01.81- 12.86	110210	24	6.6
			11.86- 12.86	110895	28	55	08.73- 09.96	112120	24	6.6
			11.86- 12.86	110906	28	30	08.73- 09.96	113855	24	5.4
							01.81- 12.86	110206	24	5.4
2244 14.6	(NG)[OM442.951]	10.85- 10.86	110113	28	27					
		11.86- 07.89	110895	28	55					
		11.86- 07.89	110906	28	30	10.85- 07.89	110206	24	5.4	
		10.88- 07.89	112159	28	80	08.73- 09.96	113855	24	5.4	



2320 6.0	(MK)[OM356.984]	12.87- 09.96	113920	28 35	12.87- 09.96	110524	24 4.0	
	[OM356.987]	12.87- 09.96	113920	28 35	12.87- 09.96	110524	24 4.0	
2324 7.2	(Atron)				01.12-	115896	24 5.5 A49	
					01.12-	114086	24 5.5	
					01.12-	111982	24 4.0	
2327 11.0	(MK)[OM445.926]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
2327 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
2420 6.0	(MK)[OM356.984]	02.90- 08.94	110895	28 55				
		02.90- 02.91	110906	28 30				
		02.90- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35	02.90- 08.94	110524	24 4.0	
	[OM366.983]	02.90- 08.94	110895	28 55				
		02.90- 02.91	110906	28 30				
		02.90- 08.94	112159	28 80				
		03.91- 08.94	113920	28 35				
					02.90- 08.94	110524	24 4.0	
2422 11.0	(MK)[OM441.905]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM441.923]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	(NG)[OM421.905]	10.81- 03.91	113920	28 35				
	[OM441.905]	08.73- 09.96	113920	28 35				
	[OM441.917]	08.73- 09.96	113920	28 35				
	(SK)[OM441.905]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM441.923]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
2422 11.3	(MK)[OM441.905]	09.89- 08.94	110895	28 55				
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80	12.87- 09.96	113855	24 5.4	
		03.91- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
	[OM441.912]	09.89- 08.94	110895	28 55				
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80	09.89- 08.94	110206	24 5.4	
		03.91- 08.94	113920	28 35	09.89- 08.94	113855	24 5.4	
	[OM441.916]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
	[OM441.920]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		09.89- 08.94	110895	28 55				
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80	12.87- 09.96	113855	24 5.4	
	[OM441.923]	09.89- 08.94	110895	28 55				
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80	09.89- 08.94	110206	24 5.4	
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24 5.4	
	[OM441.924]	09.89- 08.94	110895	28 55				
		09.89- 02.91	110906	28 30				
		09.89- 08.94	112159	28 80	09.89- 08.94	110206	24 5.4	
		03.91- 08.94	113920	28 35	12.87- 09.96	113855	24 5.4	
	[OM441.932]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
	(NG)[OM441.914]	08.73- 09.96	113920	28 35				
[OM441.919]	08.73- 09.96	113920	28 35					
2422 4.8	(Atego 2)[OM924.924]				10.04-	111982	24 4.0	
					10.04-	114523	24 4.0	
2425 14.6	(NG)[OM422.909]	11.86- 06.89	110895	28 55				
		11.86- 06.89	110906	28 30	09.85- 06.89	110206	24 5.4	
2425 6.4	(Atego 2)[OM906.919]	01.11-	113351	28 100	01.11-	114523	24 4.0	
	[OM906.983]	01.11-	113351	28 100	01.11-	114523	24 4.0	
	[OM906.985]	01.11-	113351	28 100	01.11-	114523	24 4.0	
	[OM906.988]	01.11-	113351	28 100	01.11-	114523	24 4.0	
	[OM906.990]	01.11-	113351	28 100	01.11-	114523	24 4.0	
2426 11.0	(MK)[OM441.960]				02.90- 08.94	110206	24 5.4	
2426 15.1	(MK)[OM442.909]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM442.914]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		01.90- 08.94	110895	28 55				
		01.90- 02.91	110906	28 30				
		01.90- 08.94	112159	28 80	01.90- 08.94	113855	24 5.4	
	[OM442.921]	01.90- 08.94	110895	28 55				
		01.90- 02.91	110906	28 30				
		01.90- 08.94	112159	28 80	01.90- 08.94	110206	24 5.4	
		03.91- 08.94	113920	28 35	01.90- 08.94	113855	24 5.4	
	[OM442.922]	12.87- 09.96	113920	28 35	02.90- 08.94	113855	24 5.4	
		02.90- 08.94	110895	28 55				
		02.90- 02.91	110906	28 30				
		02.90- 08.94	112159	28 80	12.87- 09.96	110206	24 5.4	
	[OM442.932]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
		01.90- 08.94	110895	28 55				
		01.90- 02.91	110906	28 30				
		01.90- 08.94	112159	28 80	01.90- 08.94	113855	24 5.4	
	[OM442.934]	01.90- 08.94	110895	28 55				
		01.90- 02.91	110906	28 30				
		01.90- 08.94	112159	28 80	01.90- 08.94	110206	24 5.4	
		03.91- 08.94	113920	28 35	01.90- 08.94	113855	24 5.4	
	2426 6.0	(MK)[OM401.973]				02.90- 08.94	110206	24 5.4
		[OM401.979]				02.90- 08.94	110206	24 5.4
2426 7.2	(Atego 2)				01.12-	115896	24 5.5 A49	
					01.12-	114086	24 5.5	
					01.12-	111982	24 4.0	
2427 15.1	(MK)[OM442.923]	02.90- 08.94	113920	28 35				
2427 9.6	(MK)[OM401.973]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM401.977]	12.87- 09.96	113920	28 35	12.87- 09.96	110206	24 5.4	
	[OM401.978]	02.90- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	
2428 14.6	(NG)[OM422.905]	08.73- 09.96	113920	28 35				
	[OM422.911]	08.73- 09.96	113920	28 35				
	[OM422.913]	08.73- 09.96	113920	28 35				
	[OM422.916]	08.73- 09.96	113920	28 35				
2429 14.6	(SK)[OM422.916]	07.87- 09.96	113920	28 35				
2429 15.1	(MK)[OM442.906]				12.87- 08.94	110206	24 5.4	
	[OM442.907]	12.87- 09.96	113920	28 35	12.87- 08.94	110206	24 5.4	
	[OM442.909]	12.87- 09.96	113920	28 35				
	[OM442.923]				12.87- 08.94	110206	24 5.4	

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	(SK)[OM442.906]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
		07.88-08.94	110895	28 55			
		07.88-02.91	110906	28 30			
		10.88-08.94	112159	28 80	07.87-09.96	113855	24 5.4
	[OM442.907]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
		07.88-08.94	110895	28 55			
		07.88-02.91	110906	28 30			
		10.88-08.94	112159	28 80	07.87-09.96	113855	24 5.4
	[OM442.908]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	[OM442.916]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
	[OM442.923]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
		07.88-08.94	110895	28 55			
		07.88-02.91	110906	28 30			
		10.88-08.94	112159	28 80	07.88-08.94	113855	24 5.4
	[OM442.925]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4
		07.88-08.94	110895	28 55			
		07.88-02.91	110906	28 30			
		10.88-08.94	112159	28 80	07.87-09.96	113855	24 5.4
2431 11.0	(MK)[OM445.929]	12.87-09.96	113920	28 35			
	[OM445.937]	12.87-09.96	113920	28 35			
2431 9.6	(MK)[OM401.972]	12.87-09.96	110895	28 55			
		12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4
	[OM401.979]	12.87-09.96	110895	28 55			
		12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4
	[OM401.993]	12.87-09.96	110895	28 55			
		12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4
2432 11.9	(Actros MP2 / MP3)[OM541.970]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
	[OM541.996]	06.08-	113351	28 100			
		06.08-	115497	28 80 A49			
		06.08-	115557	28 100 A49			
2433 11.0	(MK)[OM441.960]	12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4
		05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	12.87-09.96	113855	24 5.4
	[OM441.962]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.981]	12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4
		05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	12.87-09.96	113855	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.983]	12.87-09.96	113920	28 35	12.87-09.96	110206	24 5.4
		05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.986]	12.87-09.96	113920	28 35	12.87-09.96	113855	24 5.4
		05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.989]	12.87-09.96	113920	28 35	12.87-09.96	113855	24 5.4
		05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	12.87-09.96	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM445.920]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM445.939]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
2433 14.6	(NG)[OM422.954]	11.80-03.91	112159	28 80			
		06.85-11.91	113920	28 35	05.83-11.91	110210	24 6.6
		11.86-11.91	110895	28 55	12.82-11.91	110206	24 5.4
	[OM422.957]	11.80-03.91	112159	28 80			
		06.85-11.91	113920	28 35	05.83-11.91	110210	24 6.6
		11.86-11.91	110895	28 55	12.82-11.91	110206	24 5.4
2434 11.0	(MK)[OM441.960]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.962]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.981]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.983]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.986]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM441.989]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30	05.89-07.92	110206	24 5.4
		05.89-07.92	112159	28 80	12.87-09.96	113855	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4
	[OM445.920]	05.89-07.92	110895	28 55			
		05.89-02.91	110906	28 30			
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4
		03.91-07.92	113920	28 35	12.87-09.96	113855	24 5.4



	[OM445.939]	05.89-07.92	110895	28 55				
		05.89-02.91	110906	28 30				
		05.89-07.92	112159	28 80	05.89-07.92	110206	24 5.4	
	(SK)[OM441.986]	07.87-09.96	113920	28 35	12.87-09.96	113855	24 5.4	
	[OM441.989]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
2435 14.6	(SK)[OM440.940]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.88-08.94	113855	24 5.4	
	[OM440.941]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	[OM440.942]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	[OM442.942]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	[OM442.943]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.944]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
		07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.87-09.96	113855	24 5.4	
	[OM442.962]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	[OM442.963]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
		07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.87-09.96	113855	24 5.4	
	[OM442.964]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.965]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.966]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	[OM442.968]	07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.88-08.94	110206	24 5.4	
		03.91-08.94	113920	28 35	07.87-09.96	113855	24 5.4	
	[OM442.971]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
	[OM442.976]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
		07.88-08.94	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-08.94	112159	28 80	07.87-09.96	113855	24 5.4	
	[OM442.978]	07.87-09.96	113920	28 35	07.87-09.96	110206	24 5.4	
2436 11.9	(Actros MP2 / MP3)[OM541.972]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.998]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2438 14.6	(NG)[OM422.953]	06.85-12.86	113920	28 35	05.83-12.86	110210	24 6.6	
		11.86-12.86	110895	28 55	01.81-12.86	110206	24 5.4	
	[OM422.955]	11.80-06.90	113920	28 35	05.83-12.86	110210	24 6.6	
		11.86-12.86	110895	28 55	01.81-12.86	110206	24 5.4	
	[OM422.959]	11.80-06.90	113920	28 35	05.83-12.86	110210	24 6.6	
		11.86-12.86	110895	28 55	01.81-12.86	110206	24 5.4	
2440 12.0	(Axor 2)[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.981]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2441 11.9	(Actros MP2 / MP3)[OM541.974]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.990]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2444 11.9	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.992]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2444 14.6	(NG)[OM442.951]	08.73-09.96	113920	28 35	10.85-09.96	110206	24 5.4	
		11.86-09.96	110895	28 55				
		11.86-02.91	110906	28 30				
	[OM442.953]	08.73-09.96	113920	28 35	03.91-09.96	110206	24 5.4	
		11.86-09.96	110895	28 55				
		11.86-02.91	110906	28 30				
	[OM442.980]	08.73-09.96	113920	28 35	10.85-09.96	110206	24 5.4	
		11.86-09.96	110895	28 55				
		11.86-02.91	110906	28 30				
2446 11.9	(Actros MP2 / MP3)[OM541.980]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.994]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2448 11.9	(Actros MP2 / MP3)[OM541.978]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2448 14.6	(SK)[OM442.984]	01.88-07.92	112159	28 80	07.88-07.92	110206	24 5.4	
		07.88-07.92	110895	28 55				
		07.88-01.92	110906	28 30				
		03.91-07.92	113920	28 35	07.87-09.96	113855	24 5.4	

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	[OM442.985]	07.88-07.92	110895	28 55				
		07.88-02.91	110906	28 30				
		07.88-07.92	113920	28 35				
		10.88-07.92	112159	28 80		07.88-07.92	110206	24 5.4
						07.87-09.96	113855	24 5.4
	[OM442.989]	07.88-07.92	110895	28 55				
		07.88-02.91	110906	28 30				
		10.88-07.92	112159	28 80		07.88-07.92	110206	24 5.4
		03.91-07.92	113920	28 35		07.87-09.96	113855	24 5.4
		07.88-07.92	113920	28 35		07.88-07.92	110206	24 5.4
2522 11.0	(MK)[OM441.905]	12.87-09.96	113920	28 35				
2522 11.3	(MK)[OM441.920]	12.87-09.96	113920	28 35				
2523 6.4	(Atego)[OM906.920]	05.98-01.01	112561	28 80		05.98-09.04	115514	24 4.0 A49
		05.98-01.01	113448	28 100		05.98-09.04	115801	24 4.0
						05.98-01.01	111982	24 4.0
						05.98-09.04	114523	24 4.0
	(Axor)[OM906.920]	01.02-	113351	28 100				
		01.02-	113448	28 100				
		01.02-10.04	115497	28 80 A49		01.02-10.04	114523	24 4.0
		01.02-10.04	115557	28 100 A49		01.02-10.04	115514	24 4.0 A49
2524 11.0	(MK)[OM445.924]	12.87-09.96	113920	28 35		01.94-	110206	24 5.4
	[OM445.938]	12.87-09.96	113920	28 35				
	[OM445.941]	12.87-09.96	113920	28 35				
2524 9.6	(MK)[OM401.973]	06.92-	110895	28 55				
		06.92-	112159	28 80		06.92-	110206	24 5.4
		02.93-09.96	113920	28 35		12.87-09.96	113855	24 5.4
	[OM401.975]	12.87-09.96	113920	28 35		12.87-09.96	113855	24 5.4
		06.92-	110895	28 55		06.92-	110210	24 6.6
		06.92-	112159	28 80		06.92-	110206	24 5.4
2527 11.0	(MK)[OM445.924]	01.94-09.96	113920	28 35				
	[OM445.926]					12.87-09.96	110206	24 5.4
	[OM445.927]					01.94-	110206	24 5.4
	[OM445.929]					01.94-	110206	24 5.4
	[OM445.936]	12.87-09.96	113920	28 35		12.87-09.96	110206	24 5.4
	[OM445.940]					01.94-	110206	24 5.4
2527 11.1	(MK)[OM442.914]	03.91-08.94	113920	28 35		03.91-08.94	110206	24 5.4
2527 9.6	(MK)[OM401.973]	12.87-09.96	113920	28 35		12.87-09.96	110206	24 5.4
		03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-09.96	113855	24 5.4
	[OM401.975]	09.92-	110895	28 55				
		09.92-	112159	28 80		09.92-	110206	24 5.4
		10.93-09.96	113920	28 35		09.92-09.96	113855	24 5.4
	[OM401.977]	12.87-09.96	113920	28 35		12.87-09.96	110206	24 5.4
		09.92-	110895	28 55				
		09.92-	112159	28 80		09.92-09.96	113855	24 5.4
	[OM401.978]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91-08.94	113920	28 35		03.91-09.96	113855	24 5.4
	[OM401.979]	09.92-	110895	28 55				
		09.92-	112159	28 80		09.92-	110206	24 5.4
		10.93-09.96	113920	28 35		09.92-09.96	113855	24 5.4
	[OM401.980]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91-09.96	113920	28 35		03.91-09.96	113855	24 5.4
	[OM401.991]	12.87-09.96	113920	28 35		12.87-09.96	110206	24 5.4
2528 14.6	(NG)[OM422.907]	01.80-03.91	113920	28 35				
	[OM422.911]	01.80-03.91	113920	28 35				
	[OM422.913]	01.80-03.91	113920	28 35				
	[OM422.916]	01.80-03.91	113920	28 35				
2528 6.4	(Atego)[OM906.921]	05.98-01.01	112561	28 80		05.98-09.04	115514	24 4.0 A49
		05.98-01.01	113448	28 100		05.98-09.04	115801	24 4.0
						05.98-01.01	111982	24 4.0
						05.98-09.04	114523	24 4.0
	[OM906.926]	05.98-01.01	112561	28 80		05.98-09.04	115514	24 4.0 A49
		05.98-01.01	113448	28 100		05.98-09.04	115801	24 4.0
						05.98-01.01	111982	24 4.0
						05.98-09.04	114523	24 4.0
	(Axor)[OM906.921]	01.02-	113351	28 100				
		01.02-	113448	28 100		01.02-	111982	24 4.0
		01.02-10.04	115497	28 80 A49		01.02-10.04	114523	24 4.0
		01.02-10.04	115557	28 100 A49		01.02-10.04	115514	24 4.0 A49
	(Axor 2)[OM902.915]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115557	28 100		10.04-	114523	24 4.0
	[OM906.921]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115557	28 100		10.04-	114523	24 4.0
	[OM906.926]	10.04-	113351	28 100		10.04-	111982	24 4.0
		10.04-	115557	28 100		10.04-	114523	24 4.0
2531 11.0	(MK)[OM445.929]	12.87-09.96	113920	28 35		12.87-09.96	110206	24 5.4
	[OM445.937]	12.87-09.96	113920	28 35		12.87-09.96	110206	24 5.4
	(SK)[OM445.929]	07.87-09.96	113920	28 35				
	[OM445.930]	07.87-09.96	113920	28 35				
	[OM445.937]	07.87-09.96	113920	28 35				
2531 11.9	(Actros)[OM541.920]	09.96-01.01	112561	28 80				
		09.96-01.01	113351	28 100		09.96-10.02	111771	24 6.2
		09.96-01.01	113448	28 100		09.96-10.02	113609	24 6.2
		09.96-10.02	115497	28 80 A49		09.96-10.02	113851	24 7.5
		09.96-10.02	115557	28 100 A49		09.96-10.02	115885	24 7.5 A49
	[OM541.922]	09.96-	112561	28 80				
		09.96-	113351	28 100		09.96-10.02	111771	24 6.2
		09.96-	113448	28 100		09.96-10.02	113609	24 6.2
		09.96-10.02	115497	28 80 A49		09.96-10.02	113851	24 7.5
		09.96-10.02	115557	28 100 A49		09.96-10.02	115885	24 7.5 A49
	[OM541.940]	09.96-	112561	28 80				
		09.96-	113351	28 100				
		09.96-	113448	28 100		09.96-10.02	111771	24 6.2
		09.96-10.02	115497	28 80 A49		09.96-10.02	113851	24 7.5
		09.96-10.02	115557	28 100 A49		09.96-10.02	115885	24 7.5 A49



	[OM541.942]	09.96-	112561	28 80					
		09.96-	113351	28 100		09.96- 10.02	111771	24 6.2	
		09.96-	113448	28 100		09.96- 10.02	113609	24 6.2	
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5	
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49	
2531 9.6	(MK)[OM401.972]	12.87- 02.01	113920	28 35		12.87- 09.96	110206	24 5.4	
		12.90-	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80		12.87- 09.96	113855	24 5.4	
	[OM401.979]	12.87- 02.01	113920	28 35		12.87- 09.96	110206	24 5.4	
		12.90-	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80		12.87- 09.96	113855	24 5.4	
	[OM401.993]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4	
		12.90-	110895	28 55					
		12.90- 02.91	110906	28 30					
		12.90-	112159	28 80		12.87- 09.96	113855	24 5.4	
	(SK)[OM401.979]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4	
	[OM401.986]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4	
	[OM401.993]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4	
2532 11.9	(Actros)[OM541.920]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	[OM541.940]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	[OM541.970]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	[OM541.996]	04.03-	113351	28 100		04.03-	111771	24 6.2	
		04.03-	113448	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
	(Actros MP2 / MP3)	06.08-	115557	28 100 A49					
		06.08-	115497	28 80 A49					
		06.08-	113351	28 100					
2533 7.2	(Axor 2)[OM926.913]	10.04-	112561	28 80		10.04-	115896	24 5.5 A49	
		10.04-	113351	28 100		10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
						10.04-	111982	24 4.0	
						10.04-	114003	12 5.0	
						10.04-	115514	24 4.0 A49	
	[OM926.919]	10.04-	112561	28 80		10.04-	115896	24 5.5 A49	
		10.04-	113351	28 100		10.04-	114086	24 5.5	
		10.04-	115497	28 80		10.04-	114523	24 4.0	
						10.04-	111982	24 4.0	
						10.04-	114003	12 5.0	
						10.04-	115514	24 4.0 A49	
	[OM926.921]	10.04-	112561	28 80		10.04-	115896	24 5.5 A49	
		10.04-	113351	28 100		10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
						10.04-	111982	24 4.0	
						10.04-	114003	12 5.0	
						10.04-	115514	24 4.0 A49	
	[OM926.945]	10.04-	112561	28 80		10.04-	115896	24 5.5 A49	
		10.04-	113351	28 100		10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
						10.04-	111982	24 4.0	
						10.04-	114003	12 5.0	
						10.04-	115514	24 4.0 A49	
	[OM926.990]	10.04-	112561	28 80		10.04-	115896	24 5.5 A49	
		10.04-	113351	28 100		10.04-	114086	24 5.5	
		10.04-	115497	28 80 A49		10.04-	114523	24 4.0	
						10.04-	111982	24 4.0	
						10.04-	114003	12 5.0	
						10.04-	115514	24 4.0 A49	
2534 11.0	(MK)[OM441.986]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30		01.91-	110210	24 6.6	
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		03.91- 02.01	113920	28 35		12.87- 09.96	113855	24 5.4	
	[OM441.987]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30					
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		03.91- 01.01	113920	28 35		12.87- 09.96	113855	24 5.4	
	[OM441.989]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30		01.91-	110210	24 6.6	
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		03.91- 02.01	113920	28 35		12.87- 09.96	113855	24 5.4	
	[OM441.991]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30					
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		03.91- 09.96	113920	28 35		12.87- 09.96	113855	24 5.4	
	[OM445.920]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30		01.91-	110210	24 6.6	
		01.91-	112159	28 80		12.87- 09.96	113855	24 5.4	
		03.94- 01.01	113920	28 35		12.87- 09.96	110206	24 5.4	
	[OM445.921]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30					
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		01.94- 01.01	113920	28 35		12.87- 09.96	113855	24 5.4	
	[OM445.922]	01.91-	110895	28 55					
		01.91- 02.91	110906	28 30					
		01.91-	112159	28 80		01.91-	110206	24 5.4	
		01.94- 01.01	113920	28 35		12.87- 09.96	113855	24 5.4	

STARTERS & ALTERNATORS



MERCEDES-BENZ Continued

Application list

	[OM445.929]	12.87- 09.96	113920	28 35		12.87- 09.96	110206	24 5.4
	(SK)[OM441.986]	07.87- 09.96	113920	28 35				
	[OM441.996]	07.87- 09.96	113920	28 35				
	[OM445.920]	07.87- 09.96	113920	28 35				
	[OM445.930]	07.87- 09.96	113920	28 35				
	[OM445.939]	07.87- 09.96	113920	28 35				
2535 11.9	(Actros)[OM541.922]	09.96- 01.01	112561	28 80				
		09.96- 01.01	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96- 01.01	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
	[OM541.942]	09.96- 10.02	115497	28 80 A49				
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
2535 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2536 11.9	(Actros)[OM541.922]	04.03-	112561	28 80				
		04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	113448	28 100		04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49		04.03-	111771	24 6.2
		04.03-	115557	28 100 A49		04.03-	113609	24 6.2
	[OM541.942]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.943]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.972]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.998]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)	06.08-	115557	28 100 A49				
		06.08-	115497	28 80 A49				
		06.08-	113351	28 100				
2536 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2536 14.6	(NG)[OM442.950]	10.81- 03.91	113920	28 35				
	[OM442.952]	10.81- 03.91	113920	28 35				
	[OM442.962]	10.81- 03.91	113920	28 35				
2536 18.3	(NG)[OM423.905]	10.81- 03.91	113920	28 35				
	[OM423.907]	10.81- 03.91	113920	28 35				
2538 12.8	(SK)[OM402.971]	03.91-	110895	28 55		03.91-	110206	24 5.4
		03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
						07.87- 09.96	113855	24 5.4
	[OM402.972]	03.91-	110895	28 55		03.91-	110206	24 5.4
		03.91-	110906	28 30		07.87- 09.96	113855	24 5.4
		03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
	[OM402.975]	03.91-	110895	28 55		03.91-	110206	24 5.4
		03.91- 08.96	113920	28 35		03.91-	110210	24 6.6
						07.87- 09.96	113855	24 5.4
	[OM402.985]	03.91-	110895	28 55		03.91-	110206	24 5.4
		03.91- 08.96	113920	28 35		03.91-	110210	24 6.6
						07.87- 09.96	113855	24 5.4
	[OM402.986]	03.91-	110895	28 55		03.91-	110206	24 5.4
		03.91- 02.01	113920	28 35		03.91-	110210	24 6.6
						07.87- 09.96	113855	24 5.4
	[OM402.989]	03.91-	110895	28 55		03.91-	110206	24 5.4
		03.91-	110906	28 30		03.91-	110210	24 6.6
		03.91- 08.96	113920	28 35		07.87- 09.96	113855	24 5.4
	[OM402.990]	03.91- 08.96	113920	28 35		03.91-	110206	24 5.4
2538 14.6	(SK)[OM440.970]	03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
	[OM440.971]	03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM440.978]	03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91- 02.01	113920	28 35		03.91-	110210	24 6.6
	[OM440.980]	03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
	[OM440.981]	03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM442.989]	03.91- 08.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM442.997]	03.91- 09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM446.924]	01.94-	112159	28 80		01.94-	110206	24 5.4
	[OM446.925]	01.94-	112159	28 80		01.94-	110206	24 5.4
	[OM446.928]	01.94-	112159	28 80		01.94-	110206	24 5.4
	[OM446.929]	01.94-	112159	28 80		01.94-	110206	24 5.4



	[OM446.942]	03.91-	112159	28 80		03.91-	110206	24 5.4
	[OM446.948]	03.91-	112159	28 80		03.91-	110206	24 5.4
2540 11.9	(Actros)[OM541.923]	09.96- 01.01	112561	28 80				
		09.96- 01.01	113351	28 100		09.96- 10.02	113609	24 6.2
		09.96- 01.01	113448	28 100		09.96- 10.02	111771	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
	[OM541.944]	09.96-	112561	28 80				
		09.96-	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96-	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
2540 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.981]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2541 11.9	(Actros)[OM541.923]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.944]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	113448	28 100				
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49		04.03-	111771	24 6.2
						04.03-	113609	24 6.2
	[OM541.974]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.990]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.974]	06.08-	112561	28 80				
2543 11.9	(Actros)[OM541.925]	09.96- 01.01	112561	28 80				
		09.96- 01.01	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96- 01.01	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
	[OM541.946]	09.96-	112561	28 80				
		09.96-	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96-	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
2543 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.948]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
	[OM457.980]	10.04-	113351	28 100				
		10.04-	115497	28 80 A49				
		10.04-	115557	28 100 A49				
2544 11.9	(Actros)[OM541.925]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.946]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49		04.03-	113851	24 7.5
	[OM541.976]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.992]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2544 14.6	(SK)[OM440.970]	07.88- 09.96	113920	28 35		01.92-	110210	24 6.6
		01.92-	112159	28 80		01.92- 09.96	110206	24 5.4
	[OM440.972]	01.92- 09.96	110895	28 55				
		01.92-	112159	28 80				
		01.92- 09.96	113920	28 35		01.92- 09.96	110206	24 5.4
	[OM440.978]	01.92- 09.96	113920	28 35		01.92-	110210	24 6.6
						01.92- 09.96	110206	24 5.4
	[OM446.922]	01.92- 09.96	113920	28 35		01.92- 09.96	110206	24 5.4
		01.94-	112159	28 80		01.92-	110210	24 6.6
	[OM446.942]					01.92- 09.96	110206	24 5.4
						01.92-	110210	24 6.6
2546 11.9	(Actros)[OM541.948]	04.03-	113351	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.980]	04.03-	113351	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49

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	[OM541.994]	04.03-	113351	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	(Actros MP2 / MP3)	06.08-	115557	28 100 A49				
		06.08-	115497	28 80 A49				
		06.08-	113351	28 100				
2548 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
		04.03-	113609	24 6.2		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
	[OM541.978]	04.03-	113351	28 100				
	(Actros MP2 / MP3)[OM541.948]	04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49		04.03-	113609	24 6.2
	[OM541.978]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49		04.03-	113609	24 6.2
		06.08-	115557	28 100 A49				
		06.08-	115497	28 80 A49				
		06.08-	113351	28 100				
2548 15.9	(Actros)[OM542.921]	09.96- 01.01	112561	28 80				
		09.96- 01.01	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96- 01.01	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
	[OM542.940]	09.96- 01.01	112561	28 80				
		09.96- 01.01	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96- 01.01	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
2550 14.6	(SK)[OM440.971]	01.91- 09.96	113920	28 35		01.91-	110210	24 6.6
						01.91- 09.96	110206	24 5.4
	[OM440.973]	01.91- 09.96	113920	28 35		01.91-	110210	24 6.6
						01.91-	110206	24 5.4
	[OM440.981]	07.87- 09.96	113920	28 35				
	[OM440.998]	01.91- 09.96	111629	28 120				
		01.91- 09.96	111833	28 140 w/ bushing in rear brackethole				
		01.91- 09.96	116063	28 140 w/o bushing in rear brackethole		01.91-	110210	24 6.6
		07.91-	110895	28 55				
		07.91- 09.96	113920	28 35		01.91- 09.96	110206	24 5.4
	[OM442.989]	07.87- 09.96	113920	28 35		01.91-	110210	24 6.6
						01.91- 09.96	110206	24 5.4
	[OM442.997]	07.87- 09.96	113920	28 35		07.87- 09.96	110206	24 5.4
		01.91-	110895	28 55				
		01.91-	112159	28 80		01.91-	110210	24 6.6
	[OM442.998]	06.91-	112159	28 80				
		07.91-	110895	28 55				
		07.91- 08.96	113920	28 35		07.87- 09.96	110206	24 5.4
	[OM446.920]	01.94-	112159	28 80		01.91-	110210	24 6.6
						01.94-	110206	24 5.4
2550 15.9	(Actros MP2 / MP3)[OM542.940]	04.03-	112561	28 80				
		04.03-	113448	28 100				
2551 15.9	(Actros MP2 / MP3)[OM542.960]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
2551 16.0	(Actros)[OM542.960]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
						04.03-	113851	24 7.5
2553 14.6	(SK)[OM446.920]	01.96-	112159	28 80		01.96-	110206	24 5.4
2553 15.9	(Actros)[OM542.920]	09.96- 01.01	112561	28 80				
		09.96- 01.01	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96- 01.01	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
	[OM542.942]	09.96- 10.02	115497	28 80 A49				
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
2554 15.9	(Actros MP2 / MP3)[OM542.942]	04.03-	113448	28 100				
2555 15.9	(Actros MP2 / MP3)[OM542.962]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
2555 16.0	(Actros)[OM542.962]	09.05-	115497	28 80 A49		09.05-	115885	24 7.5 A49
						09.05-	113609	24 6.2
						09.05-	113851	24 7.5
2557 15.9	(Actros)[OM542.922]	09.96-	112561	28 80				
		09.96-	113351	28 100		09.96- 10.02	111771	24 6.2
		09.96-	113448	28 100		09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49		09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49		09.96- 10.02	115885	24 7.5 A49
2558 15.9	(Actros MP2 / MP3)[OM542.944]	04.03-	113448	28 100				
2560 15.9	(Actros MP2 / MP3)[OM542.964]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
2626 12.8	(NG)[OM402.906]	03.78- 12.81	110113	28 27		08.73- 12.81	113855	24 5.4
						03.77- 12.81	110206	24 5.4
						08.73- 02.77	110210	24 6.6
						08.73- 12.81	112120	24 6.6
	[OM402.912]	03.78- 12.81	110113	28 27		03.77- 12.81	110206	24 5.4
						08.73- 02.77	110210	24 6.6
						08.73- 12.81	112120	24 6.6
						08.73- 12.81	113855	24 5.4
	[OM402.916]	03.78- 03.81	110113	28 27		06.75- 03.81	113855	24 5.4
						03.77- 03.81	110206	24 5.4
						06.75- 02.77	110210	24 6.6
						06.75- 03.81	112120	24 6.6



	[OM402.926]	03.78- 12.80	110113	28 27		05.74- 12.80	113855	24 5.4	
						03.77- 12.80	110206	24 5.4	
						05.74- 02.77	110210	24 6.6	
						05.74- 12.80	112120	24 6.6	
2628 14.6	(NG)[OM422.905]	02.80- 10.86	110113	28 27		05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55		02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30		02.80- 03.91	113855	24 5.4	
						02.80- 03.91	110206	24 5.4	
	[OM422.907]	02.80- 10.86	110113	28 27		05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55		02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30		02.80- 03.91	113855	24 5.4	
						02.80- 03.91	110206	24 5.4	
	[OM422.911]	02.80- 10.86	110113	28 27		02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110895	28 55		02.80- 03.91	113855	24 5.4	
		11.86- 03.91	110906	28 30		02.80- 03.91	110206	24 5.4	
						05.83- 03.91	110210	24 6.6	
	[OM422.913]	02.80- 10.86	110113	28 27		05.83- 03.91	110210	24 6.6	
		11.86- 03.91	110895	28 55		02.80- 03.91	112120	24 6.6	
		11.86- 03.91	110906	28 30		02.80- 03.91	113855	24 5.4	
						02.80- 03.91	110206	24 5.4	
2628 18.3	(NG)[OM443.940]	01.90- 03.91	110895	28 55		01.90- 03.91	112120	24 6.6	
		01.90- 03.91	110906	28 30		01.90- 03.91	113855	24 5.4	
						01.90- 03.91	110210	24 6.6	
2628 6.4	(Atego)[OM906.921]	05.98- 01.01	112561	28 80		05.98- 09.04	114523	24 4.0	
		05.98- 01.01	113448	28 100		05.98- 09.04	115514	24 4.0	A49
						05.98- 01.01	111982	24 4.0	
						05.98- 09.04	115801	24 4.0	
	(Axor)[OM902.915]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
	[OM906.921]	01.02-	113351	28 100		01.02-	111982	24 4.0	
		01.02-	113448	28 100		01.02- 10.04	114523	24 4.0	
		01.02- 08.06	115497	28 80 A49		01.02- 09.06	115514	24 4.0	A49
		01.02- 10.04	115557	28 100 A49			115514	24 4.0	A49
	[OM906.926]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
	(Econic)[OM906.941]	03.98- 01.01	112561	28 80		01.98- 03.01	115514	24 4.0	A49
		03.98- 01.01	113448	28 100		01.98-	115801	24 4.0	
						03.98- 01.01	111982	24 4.0	
						01.98-	114523	24 4.0	
	[OM906.952]	03.98-	112561	28 80		01.98-	114523	24 4.0	
		03.98-	113448	28 100		01.98-	115801	24 4.0	
						03.98-	111982	24 4.0	
						01.98- 03.01	115514	24 4.0	A49
2628 6.9	(Econic)[M906.900]	10.00-	112561	28 80					
		10.00-	113351	28 100					
		10.00-	113448	28 100		10.00-	111982	24 4.0	
		10.00-	115497	28 80 A49		10.00-	114523	24 4.0	
		10.00-	115557	28 100 A49		10.00-	115514	24 4.0	A49
2629 12.8	(SK)[OM402.982]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
2629 14.6	(SK)[OM440.970]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM440.971]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.942]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.959]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.966]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.989]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.997]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
2629 15.1	(SK)[OM442.906]	07.88- 08.94	112159	28 80					
		07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.907]	07.88- 08.94	112159	28 80					
		07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.917]	07.88- 08.94	112159	28 80					
		07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.925]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
	[OM442.926]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
		10.88- 08.94	112159	28 80					
	[OM442.929]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
2629 18.3	(SK)[OM443.940]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
2629 4.1	(SK)[OM442.906]	07.88- 08.94	113920	28 35		07.88- 08.94	110206	24 5.4	
		10.88- 08.94	112159	28 80					
2629 6.4	(Axor)[OM902.915]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
	[OM906.921]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
	[OM906.926]	10.04-	115497	28 80 A49		10.04-	115514	24 4.0	A49
						10.04-	114523	24 4.0	
2629 9.6	(SK)[OM401.979]					07.88- 08.94	110206	24 5.4	
2631 11.0	(SK)[OM441.998]	07.88- 09.96	113920	28 35		06.92-	110210	24 6.6	
						06.92-	110206	24 5.4	
	[OM445.920]	06.92- 09.96	113920	28 35		06.92-	110210	24 6.6	
						01.94-	110206	24 5.4	
	[OM445.929]	07.88- 09.96	113920	28 35		06.92-	110210	24 6.6	
						01.94-	110206	24 5.4	
	[OM445.930]	06.92- 09.96	113920	28 35		01.94-	110206	24 5.4	
						06.92-	110210	24 6.6	
	[OM445.931]	06.92- 09.96	113920	28 35		06.92-	110210	24 6.6	
						06.92-	110206	24 5.4	
2631 11.9	(Actros)[OM541.920]	04.96- 10.02	115497	28 80 A49		04.96- 10.02	113851	24 7.5	
		04.96- 10.02	115557	28 100 A49		04.96- 10.02	115885	24 7.5	A49
		04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.96- 10.02	113609	24 6.2	
	[OM541.940]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5	A49

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2631 9.6	(SK)[OM401.972]	06.92-	112159	28 80	06.92-	110206	24 5.4
		06.92- 09.96	113920	28 35	06.92-	110210	24 6.6
	[OM401.979]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4
					06.92-	110210	24 6.6
	[OM401.981]	06.92-	112159	28 80	06.92-	110206	24 5.4
		06.92- 09.96	113920	28 35	06.92-	110210	24 6.6
	[OM401.986]	06.92-	112159	28 80	06.92-	110206	24 5.4
		06.92- 08.96	113920	28 35	06.92-	110210	24 6.6
	[OM401.987]	06.92- 09.96	110895	28 55			
		06.92- 09.96	112159	28 80	06.92-	110206	24 5.4
		06.92- 09.96	113920	28 35	06.92-	110210	24 6.6
	[OM401.993]	06.92- 09.96	113920	28 35	06.92-	110210	24 6.6
				06.92-	110206	24 5.4	
2632 11.9	(Actros)[OM541.940]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	113448	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
	[OM541.970]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	113448	28 100			
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
					04.03-	113609	24 6.2
	[OM541.996]	04.03-	112561	28 80			
	04.03-	113351	28 100	04.03-	113851	24 7.5	
	04.03-	113448	28 100				
	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
	04.03-	115557	28 100 A49	04.03-	111771	24 6.2	
				04.03-	113609	24 6.2	
2632 15.9	(NG)[OM403.916]	03.78- 09.83	110113	28 27	08.73- 09.83	113855	24 5.4
					08.73- 09.83	110210	24 6.6
					08.73- 09.83	112120	24 6.6
	[OM403.931]	03.78- 09.83	110113	28 27	08.73- 09.83	112120	24 6.6
					08.73- 09.83	110210	24 6.6
					08.73- 09.83	113855	24 5.4
[OM403.932]	03.78- 09.83	110113	28 27	05.74- 09.83	112120	24 6.6	
				05.74- 09.83	110210	24 6.6	
				05.74- 09.83	113855	24 5.4	
[OM403.935]	03.78- 09.83	110113	28 27	08.73- 09.83	112120	24 6.6	
				08.73- 09.83	110210	24 6.6	
				08.73- 09.83	113855	24 5.4	
2633 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
2633 14.6	(NG)[OM422.952]	05.82- 10.86	110113	28 27	05.82- 05.87	113855	24 5.4
		11.86- 05.87	110895	28 55	05.82- 05.87	110210	24 6.6
		11.86- 05.87	110906	28 30	05.82- 05.87	112120	24 6.6
[OM422.954]	05.82- 10.86	110113	28 27	05.82- 05.87	110210	24 6.6	
	11.86- 05.87	110895	28 55	05.82- 05.87	112120	24 6.6	
	11.86- 05.87	110906	28 30	05.82- 05.87	113855	24 5.4	
[OM422.956]	05.82- 10.87	110113	28 27	05.82- 05.87	110210	24 6.6	
	11.86- 05.87	110895	28 55	05.82- 05.87	112120	24 6.6	
	11.86- 05.87	110906	28 30	05.82- 05.87	113855	24 5.4	
2633 6.4	(Econic)				03.00-	115514	24 4.0 A49
						114523	24 4.0
						111982	24 4.0
2633 7.2	(Axor)[OM926.913]	10.04- 08.06	115497	28 80 A49	10.04- 08.06	115514	24 4.0 A49
					10.04-	114523	24 4.0
[Axor 2][OM926.913]	10.04-	113448	28 100				
[OM926.919]	10.04-	113448	28 100				
[OM926.945]	10.04-	113448	28 100				
(Econic)[OM926.921]	10.01-	113351	28 100	10.01-	111982	24 4.0	
	10.01-	115497	28 80 A49	10.01-	114523	24 4.0	
	10.01-	115557	28 100 A49	10.01-	115514	24 4.0 A49	
[OM926.934]	10.01-	113351	28 100	10.01-	111982	24 4.0	
	10.01-	115497	28 80 A49	10.01-	114523	24 4.0	
	10.01-	115557	28 100 A49	10.01-	115514	24 4.0 A49	
2634 11.0	(SK)[OM441.986]	06.92- 09.96	113920	28 35	06.92- 09.96	110206	24 5.4
2634 9.6	(SK)[OM401.986]	06.92- 08.96	113920	28 35			
2635 11.9	(Actros)[OM541.922]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
		04.97-	112561	28 80			
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100	04.96- 10.02	113609	24 6.2
[OM541.942]	04.97-	112561	28 80				
	04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
	04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
	04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
	04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
				04.97- 10.02	110206	24 5.4	
2635 12.8	(SK)[OM402.971]	01.91- 08.94	113920	28 35	01.91- 08.94	110206	24 5.4
2635 14.6	(NG)[OM442.950]	04.86- 10.86	110113	28 27			
		11.86- 03.91	110895	28 55	04.86- 03.91	110206	24 5.4
		11.86- 03.91	110906	28 30	04.86- 03.91	113855	24 5.4
[OM442.952]	04.86- 10.86	110113	28 27				
	11.86- 03.91	110895	28 55	04.86- 03.91	110206	24 5.4	
	11.86- 03.91	110906	28 30	04.86- 03.91	113855	24 5.4	
[OM442.962]	09.87- 03.91	113920	28 35	09.87- 03.91	110206	24 5.4	
	10.88- 03.91	112159	28 80				
(SK)[OM440.940]	07.88- 08.94	112159	28 80				
	03.91- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
[OM440.941]	03.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	
[OM440.942]	03.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	
[OM440.970]	07.91- 08.94	113920	28 35	07.91- 08.94	110206	24 5.4	
[OM440.971]	12.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	
[OM440.973]	12.91- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	
[OM442.942]	02.90- 08.94	112159	28 80				
	02.90- 08.94	113920	28 35	02.90- 08.94	110206	24 5.4	



	[OM442.944]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
		10.88-08.94	112159	28 80				
	[OM442.964]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
		10.88-08.94	112159	28 80				
	[OM442.966]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
		10.88-08.94	112159	28 80				
	[OM442.972]	02.90-08.94	112159	28 80				
		02.90-08.94	113920	28 35		02.90-08.94	110206	24 5.4
	[OM442.976]	07.88-08.94	110895	28 55				
		07.88-08.94	113920	28 35				
		10.88-08.94	112159	28 80				
	[OM442.989]	07.88-09.96	113920	28 35		07.88-08.94	110206	24 5.4
	[OM442.994]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
	[OM442.997]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
2635 15.1	(SK)[OM442.909]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
	[OM442.923]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
2636 11.9	(Actros)[OM541.942]	04.03-	112561	28 80				
		04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100		04.03-	113609	24 6.2
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49
	[OM541.972]	04.03-	112561	28 80				
		04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49		04.03-	111771	24 6.2
						04.03-	113609	24 6.2
	[OM541.998]	04.03-	112561	28 80				
		04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	113448	28 100				
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49		04.03-	111771	24 6.2
						04.03-	113609	24 6.2
2636 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100		10.04-	113851	24 7.5
		10.04-	115497	28 80 A49		10.04-	115885	24 7.5 A49
		10.04-	115557	28 100 A49				
						10.04-	113609	24 6.2
	[OM457.948]	10.04-	113351	28 100		10.04-	113851	24 7.5
		10.04-	115497	28 80 A49		10.04-	115885	24 7.5 A49
						10.04-	113609	24 6.2
2636 18.3	(NG)[OM423.905]	11.81-10.86	110113	28 27		11.81-03.91	110210	24 6.6
		11.86-03.91	110895	28 55		11.81-03.91	112120	24 6.6
		11.86-03.91	110906	28 30		11.81-03.91	113855	24 5.4
	[OM423.907]	11.81-10.86	110113	28 27		11.81-03.91	110210	24 6.6
		11.86-03.91	110895	28 55		11.81-03.91	112120	24 6.6
		11.86-03.91	110906	28 30		11.81-03.91	113855	24 5.4
	[OM443.940]	11.81-10.86	110113	28 27				
		11.86-03.91	110895	28 55		11.81-03.91	110210	24 6.6
		11.86-03.91	110906	28 30		11.81-03.91	112120	24 6.6
2638 12.8	(SK)[OM402.971]	09.91-	110895	28 55				
		09.91-	112159	28 80				
		09.91-08.96	113920	28 35		09.91-	110206	24 5.4
	[OM402.972]	09.91-	110895	28 55				
		09.91-	112159	28 80				
		09.91-08.96	113920	28 35		09.91-	110206	24 5.4
	[OM402.975]	09.91-09.96	110895	28 55				
		09.91-09.96	112159	28 80				
		09.91-09.96	113920	28 35		09.91-09.96	110206	24 5.4
	[OM402.978]	09.91-09.96	110895	28 55				
		09.91-09.96	112159	28 80				
		09.91-09.96	113920	28 35		09.91-09.96	110206	24 5.4
	[OM402.985]	03.91-	110895	28 55				
		03.91-09.96	113920	28 35		09.91-	110206	24 5.4
	[OM402.986]	03.91-	110895	28 55				
		03.91-09.96	113920	28 35		09.91-	110206	24 5.4
	[OM402.996]	09.91-09.96	110895	28 55				
		09.91-09.96	112159	28 80				
		09.91-09.96	113920	28 35		09.91-09.96	110206	24 5.4
2638 14.6	(NG)[OM422.953]	01.81-10.86	110113	28 27		01.81-12.86	110210	24 6.6
		06.85-12.86	113920	28 35		01.81-12.86	113855	24 5.4
		11.86-12.86	110895	28 55				
		11.86-12.86	110906	28 30		01.81-12.86	112120	24 6.6
	[OM422.955]	01.81-10.86	110113	28 27		01.81-12.86	110210	24 6.6
		06.85-12.86	113920	28 35		01.81-12.86	113855	24 5.4
		11.86-12.86	110895	28 55				
		11.86-12.86	110906	28 30		01.81-12.86	112120	24 6.6
	[OM422.959]	06.85-12.86	113920	28 35		01.81-12.86	112120	24 6.6
		11.86-12.86	110895	28 55		01.81-12.86	110210	24 6.6
	(SK)[OM440.970]	09.91-09.96	113920	28 35		09.91-09.96	110206	24 5.4
	[OM440.978]	09.91-08.96	113920	28 35		09.91-	110206	24 5.4
	[OM440.979]	07.92-09.96	113920	28 35		07.92-09.96	110206	24 5.4
	[OM440.981]	09.91-08.96	113920	28 35		09.91-	110206	24 5.4
	[OM440.982]	07.92-08.96	113920	28 35		07.92-	110206	24 5.4
	[OM440.990]	09.91-08.96	113920	28 35		09.91-	110206	24 5.4
	[OM442.989]	09.91-09.96	113920	28 35		09.91-	110206	24 5.4
	[OM442.997]	09.91-09.96	113920	28 35		09.91-	110206	24 5.4
	[OM446.924]	09.91-	112159	28 80		09.91-	110206	24 5.4
		01.94-	110895	28 55				
	[OM446.925]	09.91-	112159	28 80		09.91-	110206	24 5.4
		01.94-	110895	28 55				
	[OM446.926]	09.91-	112159	28 80		09.91-	110206	24 5.4
		01.94-	110895	28 55				
	[OM446.927]	01.94-09.96	112159	28 80		01.94-09.96	110206	24 5.4
	[OM446.936]	07.92-08.96	113920	28 35		07.92-	110206	24 5.4



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2640 11.9	(Actros)[OM541.923]	04.96- 10.02	115497	28 80 A49	04.96- 10.02	113851	24 7.5
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	115885	24 7.5 A49
		09.96-	112561	28 80	12.90-	110206	24 5.4
		09.96-	113351	28 100	09.96- 10.02	111771	24 6.2
		09.96-	113448	28 100	04.96- 10.02	113609	24 6.2
	[OM541.944]	09.96-	112561	28 80	12.90-	110206	24 5.4
		09.96-	113351	28 100	09.96- 10.02	111771	24 6.2
		09.96-	113448	28 100	09.96- 10.02	113609	24 6.2
		09.96- 10.02	115497	28 80 A49	09.96- 10.02	113851	24 7.5
		09.96- 10.02	115557	28 100 A49	09.96- 10.02	115885	24 7.5 A49
2640 12.0	(Axor)[OM457.918]	10.04-	113351	28 100	10.04-	113851	24 7.5
		10.04-	115557	28 100	10.04-	115885	24 7.5
	(Axor 2)[OM457.937]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49			
		10.04-	115557	28 100 A49			
2641 11.9	(Actros)[OM541.944]	04.03-	112561	28 80			
		04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	113448	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
	[OM541.974]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49
		04.03-	115497	28 80 A49	04.03-	111771	24 6.2
		04.03-	115557	28 100 A49	04.03-	113609	24 6.2
		06.03-	112561	28 80			
		06.03-	113448	28 100			
	[OM541.990]	04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2
		04.03-	115557	28 100 A49	04.03-	113609	24 6.2
		06.03-	112561	28 80			
2643 11.9	(Actros)[OM541.925]	04.96- 10.02	115497	28 80 A49	04.97- 10.02	111771	24 6.2
		04.96- 10.02	115557	28 100 A49	04.96- 10.02	113609	24 6.2
		04.97-	112561	28 80			
	[OM541.946]	04.97-	113351	28 100	04.96- 10.02	113851	24 7.5
		04.97-	113448	28 100	04.96- 10.02	115885	24 7.5 A49
		04.97- 10.02	115497	28 80 A49			
2643 12.0	(Axor 2)[OM457.937]	10.04-	113351	28 100			
		10.04-	115497	28 80 A49			
2644 11.9	(Actros)[OM541.925]	10.04-	115557	28 100 A49			
		06.03-	112561	28 80	04.03-	115885	24 7.5 A49
		06.03-	113351	28 100	04.03-	111771	24 6.2
		06.03-	113448	28 100	04.03-	113609	24 6.2
		06.03-	115497	28 80 A49	04.03-	113851	24 7.5
	[OM541.946]	04.03-	113351	28 100	04.03-	111771	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
		06.03-	112561	28 80			
		06.03-	113448	28 100	04.03-	113609	24 6.2
	[OM541.976]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	111771	24 6.2
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
		06.03-	112561	28 80			
		06.03-	113448	28 100	04.03-	113851	24 7.5
[OM541.992]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49	
	04.03-	115497	28 80 A49	04.03-	111771	24 6.2	
	04.03-	115557	28 100 A49	04.03-	113609	24 6.2	
	06.03-	112561	28 80				
	06.03-	113448	28 100	04.03-	113851	24 7.5	
2644 14.6	(NG)[OM442.951]	10.85- 02.90	113920	28 35	10.85- 02.90	110206	24 5.4
		11.86- 02.90	110895	28 55			
	[OM442.953]	10.85- 10.86	110113	28 27			
		10.85- 02.90	113920	28 35			
		10.86- 02.90	110895	28 55			
		10.86- 02.90	110906	28 30	10.85- 02.90	113855	24 5.4
		10.88- 02.90	112159	28 80	10.85- 02.90	110206	24 5.4
	[OM442.980]	10.85- 10.86	110113	28 27			
		10.85- 02.90	113920	28 35			
		11.86- 02.90	110895	28 55			
		11.86- 02.90	110906	28 30	10.85- 02.90	113855	24 5.4
		10.88- 02.90	112159	28 80	10.85- 02.90	110206	24 5.4
	(SK)[OM440.970]	01.92- 09.96	110895	28 55			
		01.92- 09.96	112159	28 80			
		01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4
[OM440.979]	01.92-	110895	28 55				
	01.92- 09.96	113920	28 35	01.92- 09.96	110206	24 5.4	
[OM446.922]	01.94-	110895	28 55				
	01.94-	112159	28 80	01.92-	110206	24 5.4	
[OM446.936]	01.94- 09.96	112159	28 80	01.92- 09.96	110206	24 5.4	
2645 14.6	(SK)[OM442.989]	02.90- 09.96	113920	28 35			
2646 11.9	(Actros)[OM541.948]	04.03-	113351	28 100	04.03-	113609	24 6.2
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49
		06.03-	112561	28 80	06.03-	111771	24 6.2
		06.03-	113448	28 100			
	[OM541.980]	04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		04.03-	115557	28 100 A49	06.03-	111771	24 6.2
		06.03-	112561	28 80			
		06.03-	113448	28 100	04.03-	113609	24 6.2
[OM541.994]	04.03-	113351	28 100	04.03-	113851	24 7.5	
	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
	04.03-	115557	28 100 A49	06.03-	111771	24 6.2	
	06.03-	112561	28 80				
	06.03-	113448	28 100	04.03-	113609	24 6.2	



2648 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49	04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 24 6.2 24 7.5	A49
	[OM541.978]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49
	(Actros MP2 / MP3)[OM541.948]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
	[OM541.978]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
2648 14.6	(SK)[OM442.983]	12.88- 07.92	113920	28 35	12.88- 07.92	110206	24 5.4	
	[OM442.985]	12.88- 07.92	112159	28 80				
		12.88- 07.92	113920	28 35	12.88- 07.92	110206	24 5.4	
	[OM442.989]	07.88- 08.94 12.88- 07.92	113920 112159	28 35 28 80	12.88- 08.94	110206	24 5.4	
	[OM442.992]	12.88- 07.92	112159	28 80				
	[OM442.994]	12.88- 07.92 12.88- 07.92	112159 113920	28 80 28 35	12.88- 07.92	110206	24 5.4	
2648 15.9	(Actros)[OM542.921]	04.96- 10.02 04.96- 10.02 09.96- 09.96- 09.96-	115497 115557 112561 113351 113448	28 80 A49 28 100 A49 28 80 28 100 28 100	04.96- 10.02 04.96- 10.02 09.96- 10.02 09.96- 10.02	113851 115885 111771 113609	24 7.5 24 7.5 24 6.2 24 6.2	A49
	[OM542.940]	09.96- 09.96- 09.96- 09.96- 10.02 09.96- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	09.96- 10.02 09.96- 10.02 09.96- 10.02 09.96- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49
2650 14.6	(SK)[OM440.971]	07.88- 09.96	113920	28 35	07.88- 08.94 07.92-	110206 110210	24 5.4 24 6.6	
	[OM440.973]	07.92- 09.96 07.92- 09.96	110895 113920	28 55 28 35	07.92- 07.92-	110206 110210	24 5.4 24 6.6	
	[OM440.982]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.989]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
	[OM442.994]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
	[OM442.997]	07.88- 09.96 07.92-	113920 112159	28 35 28 80	07.88- 09.96 07.92-	110206 110210	24 5.4 24 6.6	
2650 15.9	(Actros)[OM542.940]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49
2651 15.9	(Actros)[OM542.960]	04.03- 04.03- 04.03- 04.03- 04.03- 10.09-	112561 113351 113448 115497 115557 115557	28 80 28 100 28 100 28 80 A49 28 100 A49 28 100	04.03- 04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49
	(Actros MP2 / MP3)[OM542.960]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
2653 14.6	(SK)[OM446.920]				01.96-	110206	24 5.4	
	[OM446.946]				07.92- 09.96	110206	24 5.4	
2653 15.9	(Actros)[OM542.920]	04.96- 10.02 04.96- 10.02 09.96- 09.96- 09.96-	115497 115557 112561 113351 113448	28 80 A49 28 100 A49 28 80 28 100 28 100	04.96- 10.02 04.96- 10.02 09.96- 10.02 09.96- 10.02	113851 115885 111771 113609	24 7.5 24 7.5 24 6.2 24 6.2	A49
	[OM542.942]	09.96- 10.02 09.96- 10.02	115497 115557	28 80 A49 28 100 A49	09.96- 10.02	115885	24 7.5	A49
2654 15.9	(Actros)[OM542.920]	04.03- 04.03- 04.03- 04.03- 04.03- 04.03-	115497 115557 112561 113351 113448 115497 115557	28 80 A49 28 100 A49 28 80 28 100 28 100 28 80 A49 28 100 A49	04.03- 04.03- 04.03- 04.03- 04.03-	115885 115885 113609 113851 115885 111771	24 7.5 24 7.5 24 6.2 24 7.5 24 7.5 24 6.2	A49
	[OM542.942]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.03- 04.03- 04.03- 04.03-	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 24 6.2	
2655 15.9	(Actros)[OM542.942]	04.03- 04.03- 04.03- 04.03- 04.03- 10.09- 10.09-	112561 113351 113448 115497 115557 113351 115557	28 80 28 100 28 100 28 80 A49 28 100 A49 28 100 28 100	04.03- 04.03- 04.03- 04.03- 04.03- 10.09- 10.09-	111771 113609 113851 115885 115885 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 24 7.5 24 7.5 24 7.5	A49
	[OM542.962]	10.09- 10.09-	113351 115557	28 100 28 100	10.09- 10.09-	113851 115885	24 7.5 24 7.5	
	(Actros MP2 / MP3)[OM542.962]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
2657 15.9	(Actros)[OM542.922]	04.97- 01.01 04.97- 01.01 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5	A49
	[OM542.944]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49	04.97- 10.02	115885	24 7.5	A49
2658 15.9	(Actros)[OM542.944]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49	04.03- 04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885 115885	24 6.2 24 6.2 24 7.5 24 7.5 24 7.5	A49
2660 15.9	(Actros)[OM542.964]	04.03- 04.03-	113351 115557	28 100 28 100	04.03- 04.03-	113851 115885	24 7.5 24 7.5	
	(Actros MP2 / MP3)[OM542.964]	05.05- 05.05- 05.05-	113351 115497 115557	28 100 28 80 A49 28 100 A49				

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2665 15.9	(Actros)[OM542.968]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115557	28 100	04.03-	115885	24 7.5	
2729 7.2	(Atron)				01.12-	115896	24 5.5 A49	
					01.12-	114086	24 5.5	
					01.12-	111982	24 4.0	
2732 11.9	(Actros MP2 / MP3)[OM541.941]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.997]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2733 7.2	(Zetros)[OM926.935]	09.08-	115497	28 80 A49	09.08-	115514	24 4.0 A49	
					09.08-	114523	24 4.0	
	[OM926.936]	09.08-	115497	28 80 A49	09.08-	115514	24 4.0 A49	
				09.08-	114523	24 4.0		
2736 11.9	(Actros MP2 / MP3)[OM541.943]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.999]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2741 11.9	(Actros MP2 / MP3)[OM541.991]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2744 11.9	(Actros MP2 / MP3)[OM541.947]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.993]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
2746 11.9	(Actros MP2 / MP3)[OM541.949]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.995]	06.08-	113351	28 100				
		06.08-	115497	28 80				
		06.08-	115557	28 100				
2748 11.9	(Actros MP2 / MP3)[OM541.949]	06.08-	113351	28 100				
		06.08-	115497	28 80 A49				
		06.08-	115557	28 100 A49				
	[OM541.995]	06.08-	113351	28 100				
		06.08-	115497	28 80				
		06.08-	115557	28 100				
3025 14.6	(NG)[OM422.909]	08.83- 03.91	113920	28 35	08.83- 03.91	112120	24 6.6	
		[OM422.912]	08.83- 03.91	113920	28 35	08.83- 03.91	112120	24 6.6
	[OM422.919]	12.85- 10.86	110113	28 27	12.85- 07.87	110210	24 6.6	
		11.86- 07.87	110895	28 55	12.85- 07.87	112120	24 6.6	
		11.86- 07.87	110906	28 30	12.85- 07.87	113855	24 5.4	
					12.85- 07.87	110206	24 5.4	
	[OM422.920]	12.85- 10.86	110113	28 27	12.85- 07.87	110210	24 6.6	
		11.86- 07.87	110895	28 55	12.85- 07.87	112120	24 6.6	
		11.86- 07.87	110906	28 30	12.85- 07.87	113855	24 5.4	
					12.85- 07.87	110206	24 5.4	
		[OM442.920]	11.86- 07.87	110895	28 55	12.85- 07.87	110210	24 6.6
			11.86- 07.87	113920	28 35	12.85- 07.87	112120	24 6.6
				12.85- 07.87	110206	24 5.4		
3028 14.6	(NG)[OM422.905]	06.85- 08.89	113920	28 35	02.80- 08.89	110206	24 5.4	
		11.86- 08.89	110895	28 55	05.83- 08.89	110210	24 6.6	
	[OM422.911]	06.85- 08.89	113920	28 35	05.83- 08.89	110210	24 6.6	
		11.86- 08.89	110895	28 55	02.80- 08.89	110206	24 5.4	
	[OM422.919]	12.85- 07.87	113920	28 35	12.85- 07.87	110210	24 6.6	
					12.85- 07.87	110206	24 5.4	
3033 14.6	(NG)[OM422.954]	06.85- 05.87	113920	28 35	05.83- 05.87	110210	24 6.6	
		11.86- 05.87	110895	28 55	12.82- 05.87	110206	24 5.4	
	[OM422.957]	06.85- 05.87	113920	28 35	05.83- 05.87	110210	24 6.6	
		11.86- 05.87	110895	28 55	12.82- 05.87	110206	24 5.4	
	3036 18.3	(NG)[OM423.905]	11.86- 08.89	110895	28 55			
			11.86- 08.89	113920	28 35	12.82- 08.89	110210	24 6.6
[OM423.908]		06.85- 08.89	113920	28 35	12.82- 08.89	110210	24 6.6	
		11.86- 08.89	110895	28 55				
3038 14.6		(NG)[OM422.953]	06.85- 12.86	113920	28 35	01.81- 12.86	110210	24 6.6
			11.86- 12.86	110895	28 55			
	[OM422.955]	06.85- 12.86	113920	28 35	01.81- 12.86	110210	24 6.6	
		11.86- 12.86	110895	28 55				
	[OM422.959]	06.85- 12.86	113920	28 35	01.81- 12.86	110210	24 6.6	
		11.86- 12.86	110895	28 55				
3050 14.6	(SK)[OM440.976]	12.93- 09.96	110895	28 55				
		12.93- 09.96	112159	28 80	12.93- 09.96	110206	24 5.4	
		12.93- 09.96	113920	28 35	02.91-	110210	24 6.6	
	[OM446.933]	01.94- 09.96	112159	28 80	01.94- 09.96	110206	24 5.4	
3053 14.6	(SK)[OM440.976]	12.93- 09.96	110895	28 55				
		12.93- 09.96	112159	28 80				
		12.93- 09.96	113920	28 35	12.93-	110206	24 5.4	
	[OM440.976]	12.93- 09.96	110895	28 55				
		12.93- 09.96	112159	28 80				
3228 14.6	(NG)[OM422.919]	07.87- 03.91	110895	28 55				
		07.87- 03.91	110906	28 30	07.87- 03.91	110206	24 5.4	
		10.88- 03.91	112159	28 80	07.87- 03.91	113855	24 5.4	
	[OM422.921]	07.87- 03.91	110895	28 55				
		07.87- 03.91	110906	28 30	07.87- 03.91	110206	24 5.4	
		10.88- 03.91	112159	28 80	07.87- 03.91	113855	24 5.4	
3229 15.1	(SK)[OM442.915]	09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
		09.89- 07.92	110113	28 27				
	[OM442.916]	09.89- 07.92	110895	28 55				
		09.89- 07.92	110906	28 30				
		09.89- 07.92	112159	28 80				
		09.89- 08.94	113920	28 35	09.89- 08.94	110206	24 5.4	
		[OM442.923]	09.89- 01.92	113920	28 35	09.89- 01.92	110206	24 5.4
		[OM442.927]	09.89- 08.94	112159	28 80			
	[OM442.928]	09.89- 08.91	113920	28 35	09.89- 08.94	110206	24 5.4	
		09.89- 08.94	112159	28 80				
		09.89- 08.91	113920	28 35	09.89- 08.94	110206	24 5.4	
		09.89- 08.91	113920	28 35	09.89- 08.94	110206	24 5.4	
3231 11.0	(MK)[OM445.929]	12.87- 09.96	113920	28 35				



3231 11.9	(Actros)[OM541.920]	04.97- 01.01	112561	28 80				
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97- 01.01	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.940]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.03-	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
3231 9.6	(MK)[OM401.972]	12.87- 09.96	113920	28 35				
	[OM401.979]	12.87- 09.96	113920	28 35				
	[OM401.993]	12.87- 09.96	113920	28 35				
3232 11.9	(Actros)[OM541.970]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
	[OM541.996]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
(Actros MP2 / MP3)[OM541.970]	04.03-	112561	28 80	04.03-	111771	24 6.2		
	[OM541.996]	04.03-	112561	28 80	04.03-	111771	24 6.2	
3233 11.0	(SK)[OM441.982]	10.90- 07.92	112159	28 80				
		10.90- 08.91	113920	28 35	10.90- 07.92	110206	24 5.4	
	[OM441.985]	10.90- 07.92	112159	28 80				
		10.90- 08.91	113920	28 35	10.90- 07.92	110206	24 5.4	
3234 11.0	(SK)[OM441.988]	02.92-	112159	28 80	02.92-	110206	24 5.4	
	[OM441.990]	02.92-	112159	28 80	02.92-	110206	24 5.4	
	[OM441.992]	02.92-	112159	28 80	02.92-	110206	24 5.4	
	[OM445.922]	02.92- 09.96	113920	28 35	02.92-	110206	24 5.4	
3235 11.9	(Actros)[OM541.922]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.942]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97-	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97-	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
3235 14.6	(NG)[OM442.944]	07.88- 08.94	113920	28 35	07.88- 08.94	110206	24 5.4	
		10.88- 08.94	110895	28 55				
	(SK)[OM442.944]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.952]	07.87- 02.91	113920	28 35	07.87- 07.92	110206	24 5.4	
	[OM442.959]	10.88- 05.91	112159	28 80				
		10.88- 07.92	112159	28 80				
		10.88- 08.91	113920	28 35	07.87- 07.92	110206	24 5.4	
	[OM442.963]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
[OM442.976]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
3236 11.9	(Actros MP2 / MP3)[OM541.942]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
	[OM541.972]	04.03-	112561	28 80				
		04.03-	113448	28 100	04.03-	111771	24 6.2	
[OM541.998]	04.03-	112561	28 80					
	04.03-	113448	28 100	04.03-	111771	24 6.2		
	06.08-	115557	28 100 A49					
	06.08-	115497	28 80 A49					
	06.08-	113351	28 100					
3238 12.8	(SK)[OM402.971]	10.90- 02.01	112159	28 80				
		10.90- 09.96	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM402.972]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM402.973]	10.90- 02.01	112159	28 80				
		10.90- 08.91	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM402.975]	03.91- 09.96	113920	28 35				
	[OM402.977]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM402.982]	10.90- 02.01	112159	28 80				
		10.90- 08.91	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM402.985]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
[OM402.986]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4		
[OM402.987]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4		
3238 14.6	(SK)[OM440.970]	06.91- 02.01	112159	28 80				
		10.91- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM440.971]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM440.980]	06.91- 02.01	112159	28 80				
		10.91- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM442.989]	10.90- 02.01	113920	28 35	10.90- 02.01	110206	24 5.4	
	[OM442.997]							
	[OM446.925]				10.90- 02.01	110206	24 5.4	
	[OM446.926]	01.94-	112159	28 80	01.94-	110206	24 5.4	
	[OM446.927]				07.87- 09.96	110206	24 5.4	
[OM446.939]	01.94-	112159	28 80	01.94-	110206	24 5.4		
3238 18.3	(SK)[OM423.905]	03.91- 09.96	113920	28 35				
	[OM423.907]	03.91- 09.96	113920	28 35				
3240 11.9	(Actros)[OM541.923]	04.97- 01.01	112561	28 80				
		04.97- 01.01	113351	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 01.01	113448	28 100	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	111771	24 6.2	
	[OM541.944]	04.97- 10.02	115497	28 80 A49				
	04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49		
3240 12.0	(Axor 2)[OM457.937]	03.05-	113351	28 100	03.05-	113851	24 7.5	
		03.05-	115497	28 80 A49	03.05-	115885	24 7.5 A49	
				03.05-	113609	24 6.2		
	[OM457.948]	03.05-	113351	28 100	03.05-	113851	24 7.5	
		03.05-	115497	28 80 A49	03.05-	115885	24 7.5 A49	
				03.05-	113609	24 6.2		

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3241 11.9	(Actros)[OM541.944]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
	[OM541.974]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5	
	[OM541.990]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5	
	(Actros MP2 / MP3)[OM541.944]	06.08-	113351	28 100	04.03-	115885	24 7.5 A49	
		06.08-	115497	28 80 A49	04.03-	113609	24 6.2	
		06.08-	115557	28 100 A49	04.03-	111771	24 6.2	
3243 11.9	(Actros)[OM541.924]	04.97-	112561	28 80	04.03-	111771	24 6.2	
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
	[OM541.925]	04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
		04.97- 01.01	112561	28 80	04.97- 10.02	115885	24 7.5 A49	
	[OM541.946]	04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97- 01.01	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
	3243 12.0	(Axor 2)[OM457.937]	03.05-	113351	28 100	03.05-	113851	24 7.5
			03.05-	115497	28 80 A49	03.05-	115885	24 7.5 A49
			03.05-	113351	28 100	03.05-	113851	24 7.5
[OM457.948]		03.05-	115497	28 80 A49	03.05-	115885	24 7.5 A49	
		03.05-	113351	28 100	03.05-	113609	24 6.2	
		03.05-	115497	28 80 A49	03.05-	113851	24 7.5	
3244 11.9		(Actros MP2 / MP3)[OM541.976]	04.03-	113351	28 100			
			04.03-	115497	28 80 A49			
			04.03-	115557	28 100 A49			
		[OM541.992]	04.03-	113351	28 100			
			04.03-	115497	28 80 A49			
			04.03-	115557	28 100 A49			
3244 14.6	(SK)[OM440.970]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		01.94- 09.96	113920	28 35	01.94- 09.96	110206	24 5.4	
	[OM440.980]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM446.922]	01.94- 09.96	113920	28 35	01.94- 09.96	110206	24 5.4	
	[OM446.939]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
3246 11.9	(Actros)[OM541.948]	01.02-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
		04.03-	113351	28 100	04.03-	113851	24 7.5	
					04.03-	113609	24 6.2	
	[OM541.980]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.994]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28 80				
		04.03-	112561	28 80				
		04.03-	112561	28 80				
3248 11.9	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
3248, 11.9	(Actros MP2 / MP3)[OM541.978]	04.03-	113351	28 100				
		04.03-	115497	28 80 A49				
		04.03-	115557	28 100 A49				
3248 14.6	(SK)[OM442.984]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.985]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.989]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.992]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
3250 14.6	(SK)[OM440.971]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
		07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM440.973]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM440.975]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
	[OM442.997]	07.87- 09.96	113920	28 35	07.87- 09.96	110206	24 5.4	
3250 18.3	(NG)[OM423.908]	09.85- 08.94	110895	28 55	09.85- 08.94	112120	24 6.6	
		10.88- 08.94	112159	28 80	09.85- 08.94	113855	24 5.4	
					09.85- 08.94	110210	24 6.6	
	[OM423.950]	09.85- 08.94	110895	28 55	09.85- 08.94	112120	24 6.6	
		10.88- 08.94	112159	28 80	09.85- 08.94	113855	24 5.4	
					09.85- 08.94	110210	24 6.6	
	[OM423.951]	09.85- 08.94	110895	28 55	09.85- 08.94	112120	24 6.6	
		10.88- 08.94	112159	28 80	09.85- 08.94	113855	24 5.4	
					09.85- 08.94	110210	24 6.6	
	3253 14.6	(SK)[OM446.920]	01.96-	112159	28 80	01.96-	110206	24 5.4
			01.96-	112159	28 80	01.96-	110206	24 5.4
		[OM446.933]	01.96-	112159	28 80	01.96-	110206	24 5.4
[OM446.945]		01.96-	112159	28 80	01.96-	110206	24 5.4	
3328 14.6	(NG)[OM422.905]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
		02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
		02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
	[OM422.907]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
		02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
		02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
	[OM422.913]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6	
		07.82- 10.86	110113	28 27	05.83- 07.87	110210	24 6.6	
		11.86- 07.87	110895	28 55	07.82- 07.87	112120	24 6.6	
	[OM422.914]	11.86- 07.87	110906	28 30	07.82- 07.87	113855	24 5.4	
					07.82- 07.87	110206	24 5.4	
					07.82- 07.87	110206	24 5.4	
[OM422.916]	02.80- 03.91	113920	28 35	02.80- 03.91	112120	24 6.6		
	07.82- 10.86	110113	28 27	05.83- 07.87	110210	24 6.6		
	11.86- 07.87	110895	28 55	07.82- 07.87	112120	24 6.6		
[OM422.919]	11.86- 07.87	110906	28 30	07.82- 07.87	113855	24 5.4		
				07.82- 07.87	110206	24 5.4		
				07.82- 07.87	110206	24 5.4		



3331 11.9	(Actros)[OM541.920]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.926]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	115885	24 7.5 A49	
		04.97-	113448	28 100	04.97- 10.02	111771	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	113851	24 7.5	
	[OM541.940]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
[OM541.941]	04.97- 10.02	115497	28 80 A49					
	04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49		
[OM541.970]	04.03-	115497	28 80 A49					
				04.03-	115885	24 7.5 A49		
				04.03-	111771	24 6.2		
				04.03-	113609	24 6.2		
3332 11.9	(Actros)[OM541.920]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2	
	[OM541.926]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
		04.03-	115557	28 100 A49	04.03-	111771	24 6.2	
	[OM541.940]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
	[OM541.941]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5	
	[OM541.970]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49	
		04.03-	115497	28 80 A49	04.03-	111771	24 6.2	
		04.03-	115557	28 100 A49	04.03-	113609	24 6.2	
[OM541.971]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49		
	04.03-	115497	28 80 A49	04.03-	113851	24 7.5		
	04.03-	115557	28 100 A49	04.03-	111771	24 6.2		
[OM541.996]	04.03-	113351	28 100	04.03-	113609	24 6.2		
	04.03-	115497	28 80 A49	04.03-	113851	24 7.5		
	04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49		
[OM541.997]	04.03-	113351	28 100	04.03-	111771	24 6.2		
	04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
	04.03-	115557	28 100 A49	04.03-	113851	24 7.5		
	(Actros MP2 / MP3)[OM541.997]		113448	28 100	04.03-	115885	24 7.5 A49	
3332 12.0	(Actros)[OM541.970]	02.05-	115497	28 80 A49	04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
					04.03-	111771	24 6.2	
[OM541.996]	04.03-	113351	28 100	04.03-	113609	24 6.2		
	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49		
3333 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
3333 14.6	(NG)[OM422.954]	12.82- 05.85	110113	28 27				
		06.85- 11.91	113920	28 35	05.83- 11.91	110210	24 6.6	
		11.86- 11.91	110895	28 55				
		10.88- 11.91	112159	28 80	12.82- 11.91	110206	24 5.4	
3335 11.9	(Actros)[OM541.922]	04.97- 01.01	112561	28 80				
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97- 01.01	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
[OM541.942]	04.97- 10.02	115497	28 80 A49					
	04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49		
3335 12.0	(Axor 2)[OM457.937]	10.04-	113448	28 100				
3335 14.6	(NG)[OM442.950]	04.86- 03.91	110895	28 55				
		04.86- 03.91	113920	28 35				
		04.86- 03.91	113920	28 35				
3336 11.9	(Actros)[OM541.927]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.942]	04.03-	112561	28 80				
		04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
	[OM541.943]	04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
	[OM541.972]	04.03-	112561	28 80				
		04.03-	113351	28 100	04.03-	111771	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2	
		04.03-	115557	28 100 A49	04.03-	113851	24 7.5	
	[OM541.973]	04.03-	113351	28 100	04.03-	115885	24 7.5 A49	
04.03-		115497	28 80 A49	04.03-	111771	24 6.2		
04.03-		115557	28 100 A49	04.03-	113609	24 6.2		
04.03-		115557	28 100 A49	04.03-	113851	24 7.5		
				04.03-	115885	24 7.5 A49		
				04.03-	111771	24 6.2		



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Application list

	[OM541.998]	04.03-	112561	28 80				
	[OM541.999]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
	(Actros MP2 / MP3)[OM541.927]		112561	28 80				
	[OM541.943]	04.03-	112561	28 80				
3336 12.0	(Actros)[OM541.942]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.972]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.998]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
3336 14.6	(NG)[OM442.950]	11.81- 03.91	113920	28 35				
	[OM442.952]	11.81- 03.91	113920	28 35				
3336 18.3	(NG)[OM423.905]	11.81- 11.91	113920	28 35	11.81- 11.91	112120	24 6.6	
		12.82- 10.86	110113	28 27				
		11.86- 11.91	110895	28 55				
		11.86- 02.91	110906	28 30	12.82- 11.91	110210	24 6.6	
		10.88- 11.91	112159	28 80	12.82- 11.91	113855	24 5.4	
	[OM423.907]	11.81- 11.91	113920	28 35	11.81- 11.91	112120	24 6.6	
		09.86- 10.86	110113	28 27				
		11.86- 02.91	110906	28 30	09.86- 11.91	113855	24 5.4	
		10.88- 11.91	112159	28 80	09.86- 11.91	110210	24 6.6	
		03.91- 11.91	110895	28 55				
3338 14.6	(NG)[OM442.950]	01.81- 12.86	113920	28 35				
3340 11.9	(Actros)[OM541.923]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.924]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.944]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.945]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
3340 12.0	(Axor 2)[OM457.910]	10.04-	113448	28 100				
3341 11.9	(Actros)[OM541.923]	04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
					04.03-	113609	24 6.2	
					04.03-	113851	24 7.5	
	[OM541.944]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
	[OM541.945]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.974]	04.03-	113351	28 100	04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49	04.03-	115885	24 7.5 A49	
					04.03-	111771	24 6.2	
	[OM541.975]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.991]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	(Actros MP2 / MP3)[OM541.945]		113448	28 100				
	[OM541.974]	04.03-	112561	28 80	04.03-	111771	24 6.2	
	[OM541.990]	04.03-	112561	28 80	04.03-	111771	24 6.2	
	[OM541.991]	04.03-	112561	28 80				
		04.03-	113448	28 100				
3341 12.0	(Actros)[OM541.944]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.974]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
	[OM541.990]	04.03-	113351	28 100	04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5 A49	
					04.03-	113609	24 6.2	
3343 11.9	(Actros)[OM541.921]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49	
	[OM541.925]	04.97-	112561	28 80				
		04.97-	113351	28 100	04.97- 10.02	113851	24 7.5	
		04.97-	113448	28 100	04.97- 10.02	115885	24 7.5 A49	
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	111771	24 6.2	
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	113609	24 6.2	



	[OM541.946]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49	
	[OM541.947]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97-	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49	
3343 12.0	(Axor)[OM457.937]	10.04-	113448	28 100					
3344 11.9	(Actros)[OM541.921]	04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	111771	24 6.2	
						04.03-	113609	24 6.2	
	[OM541.946]	04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
						04.03-	111771	24 6.2	
	[OM541.947]	04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
						04.03-	111771	24 6.2	
	[OM541.976]	04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
	(Actros MP2 / MP3)[OM541.947]		112561	28 80					
	[OM541.976]	04.03-	112561	28 80		04.03-	111771	24 6.2	
	[OM541.992]	04.03-	112561	28 80		04.03-	111771	24 6.2	
	[OM541.993]	04.03-	112561	28 80					
3344 12.0	(Actros)[OM541.947]	04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	111771	24 6.2	
						04.03-	113609	24 6.2	
	[OM541.976]	04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
	[OM541.977]	04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
	[OM541.992]	04.03-	113351	28 100		04.03-	113851	24 7.5	
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
	[OM541.993]	04.03-	113351	28 100		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	
3346 11.9	(Actros)[OM541.948]	04.03-	113351	28 100					
		04.03-	115497	28 80 A49		04.97-	113609	24 6.2	
		04.03-	115557	28 100 A49		04.97- 10.02	113851	24 7.5	
		06.03-	112561	28 80		04.97- 10.02	115885	24 7.5 A49	
	[OM541.949]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	
	[OM541.980]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
	[OM541.994]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
	[OM541.995]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
	(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28 80		04.03-	113609	24 6.2	
	[OM541.949]	04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
			112561	28 80		04.03-	115885	24 7.5 A49	
	[OM541.980]	04.03-	112561	28 80					
	[OM541.994]	04.03-	112561	28 80					
	[OM541.995]	04.03-	112561	28 80		04.03-	115885	24 7.5 A49	
		04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
						04.03-	113851	24 7.5	
3348 11.9	(Actros)[OM541.948]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	
	[OM541.978]	04.03-	113351	28 100					
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5	
	(Actros MP2 / MP3)[OM541.949]	04.03-	115497	28 80 A49					
		04.03-	115557	28 100 A49					
			113351	28 100					
	[OM541.978]	04.03-	113351	28 100					
		04.03-	115497	28 80 A49					
		04.03-	115557	28 100 A49					
3348 15.9	(Actros)[OM542.921]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49	
	[OM542.925]	04.97-	112561	28 80					
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2	
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2	
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5	
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49	
	(Actros MP2 / MP3)[OM542.921]	04.03-	113351	28 100					
		04.03-	115497	28 80 A49					
		04.03-	115557	28 100 A49					
3350 15.9	(Actros)[OM542.940]	04.03-	113351	28 100		04.03-	113609	24 6.2	
		04.03-	115497	28 80 A49		04.03-	113851	24 7.5	
		04.03-	115557	28 100 A49		04.03-	115885	24 7.5 A49	
						04.03-	111771	24 6.2	
3351 15.9	(Actros)[OM542.940]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
						04.03-	113609	24 6.2	
						04.03-	113851	24 7.5	

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ Continued

	[OM542.960]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)[OM542.940]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
	[OM542.960]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
	[OM542.961]	06.08- 06.08- 06.08-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
3351 16.0	(Actros)[OM542.941]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 A49 24 6.2 24 7.5
	[OM542.961]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
3353 15.9	(Actros)[OM542.920]	04.97- 04.97- 04.97- 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM542.926]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49		04.97- 10.02	115885	24 7.5 A49
	[OM542.943]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49		04.97- 10.02	115885	24 7.5 A49
3354 15.9	(Actros)[OM542.942]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
	[OM542.962]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
3355 15.9	(Actros)[OM542.942]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
	[OM542.962]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	113609 113851 115885 111771	24 6.2 24 7.5 24 7.5 A49 24 6.2
	(Actros MP2 / MP3)[OM542.963]	04.03-	112159	28 80				
3355 16.0	(Actros)[OM542.962]	04.03-	115497	28 80 A49		04.03- 04.03- 04.03-	115885 113609 113851	24 7.5 A49 24 6.2 24 7.5
3357 15.9	(Actros)[OM542.922]	04.97- 01.01 04.97- 01.01 04.97- 01.01 04.97- 10.02 04.97- 10.02	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.97- 10.02 04.97- 10.02 04.97- 10.02 04.97- 10.02	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	[OM542.944]	04.97- 10.02 04.97- 10.02	115497 115557	28 80 A49 28 100 A49		04.97- 10.02	115885	24 7.5 A49
3358 15.9	(Actros)[OM542.944]	04.03- 04.03- 04.03- 04.03- 04.03-	112561 113351 113448 115497 115557	28 80 28 100 28 100 28 80 A49 28 100 A49		04.03- 04.03- 04.03- 04.03-	111771 113609 113851 115885	24 6.2 24 6.2 24 7.5 24 7.5 A49
	(Actros MP2 / MP3)[OM542.944]	04.03-	112561	28 80				
3360 15.9	(Actros MP2 / MP3)[OM542.964]	04.03- 04.03- 04.03-	113351 115497 115557	28 100 28 80 A49 28 100 A49				
3525 14.6	(SK)[OM442.950]	07.87- 02.91 10.88- 05.91	113920 112159	28 35 28 80		07.87- 07.92	110206	24 5.4
3528 14.6	(NG)[OM422.905] [OM422.919]	07.82- 07.87 07.82- 07.87 07.87- 09.89 07.87- 09.89 10.88- 09.89	113920 113920 110895 110906 112159	28 35 28 35 28 55 28 30 28 80		07.87- 09.89 07.82- 09.89	113855 110206	24 5.4 24 5.4
3529 15.1	(SK)[OM442.906] [OM442.907] [OM442.925]	07.88- 08.94 07.88- 08.94 07.88- 08.94	113920 113920 113920	28 35 28 35 28 35				
3534 11.0	(SK)[OM441.988] [OM445.922]	10.93- 09.96 10.93- 09.96	113920 113920	28 35 28 35		10.93- 10.93-	110206 110206	24 5.4 24 5.4
3535 12.8	(SK)[OM402.982] [OM402.983]	03.91- 08.94 03.91- 08.94	113920 113920	28 35 28 35		03.91- 08.94 03.91- 08.94	110206 110206	24 5.4 24 5.4
3535 14.6	(NG)[OM442.950]	09.87- 02.90 09.87- 02.90 10.88- 02.90	110895 110906 112159	28 55 28 30 28 80		09.87- 02.90 09.87- 02.90	110206 113855	24 5.4 24 5.4
	[OM442.952]	09.87- 02.90 09.87- 02.90 10.88- 02.90	110895 110906 112159	28 55 28 30 28 80		09.87- 02.90 09.87- 02.90	110206 113855	24 5.4 24 5.4
	[OM442.959]	09.87- 01.89 09.87- 01.89 10.88- 01.89	110895 110906 112159	28 55 28 30 28 80		09.87- 01.89 09.87- 01.89	110206 113855	24 5.4 24 5.4
	(SK)[OM440.940] [OM442.942] [OM442.944] [OM442.945]	07.88- 08.94 07.87- 09.96 07.88- 08.94 10.88- 08.94	113920 113920 113920 112159	28 35 28 35 28 35 28 80		07.88- 08.94 07.88- 08.94	110206 110206	24 5.4 24 5.4
	[OM442.946]	10.88- 08.94 02.90- 08.94 02.90- 02.91 02.90- 08.94 03.91- 08.94	112159 110895 110906 112159 113920	28 80 28 55 28 30 28 80 28 35		10.88- 08.94 02.90- 08.94	110206	24 5.4
	[OM442.957]	02.90- 08.94 02.90- 08.94	112159 113920	28 80 28 35		02.90- 08.94	110206	24 5.4



	[OM442.959]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
		10.88-08.94	112159	28 80				
	[OM442.964]	07.88-08.94	113920	28 35		07.88-08.94	110206	24 5.4
	[OM442.966]	07.87-09.96	113920	28 35		07.88-08.94	110206	24 5.4
	[OM442.989]	10.88-08.94	113920	28 35		10.88-08.94	110206	24 5.4
3536 18.3	(NG)[OM423.907]	12.82-11.91	113920	28 35		12.82-11.91	112120	24 6.6
3538 12.8	(SK)[OM402.971]	09.91-09.96	113920	28 35				
	[OM402.972]	09.91-09.96	113920	28 35				
	[OM402.973]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-09.96	110206	24 5.4
		03.91-09.96	113920	28 35		03.91-	110210	24 6.6
	[OM402.974]	09.91-09.96	113920	28 35				
	[OM402.975]	09.91-09.96	113920	28 35				
	[OM402.977]	09.91-09.96	113920	28 35				
	[OM402.978]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-09.96	110206	24 5.4
		03.91-09.96	113920	28 35		03.91-	110210	24 6.6
	[OM402.982]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91-09.96	113920	28 35		03.91-	110210	24 6.6
	[OM402.983]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-	110206	24 5.4
		03.91-09.96	113920	28 35		03.91-	110210	24 6.6
	[OM402.984]	09.91-09.96	113920	28 35				
	[OM402.985]	09.91-09.96	113920	28 35				
	[OM402.987]	03.91-	110895	28 55				
		03.91-	112159	28 80		03.91-09.96	110206	24 5.4
		03.91-09.96	113920	28 35		03.91-	110210	24 6.6
3538 14.6	(SK)[OM440.970]	03.91-09.96	113920	28 35		03.91-	110210	24 5.4
						03.91-	110210	24 6.6
	[OM440.975]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM440.979]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM440.982]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM440.983]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM440.984]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM440.985]	05.92-09.96	113920	28 35		03.91-	110210	24 6.6
						05.92-	110206	24 5.4
	[OM440.987]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
	[OM440.990]	09.91-09.96	113920	28 35				
	[OM442.989]	03.91-09.96	113920	28 35		03.91-	110210	24 6.6
						03.91-	110206	24 5.4
	[OM442.997]					03.91-	110206	24 5.4
						03.91-	110210	24 6.6
	[OM446.924]	09.91-09.96	113920	28 35				
	[OM446.926]	03.91-09.96	113920	28 35				
		01.94-	110895	28 55		01.94-	110206	24 5.4
		01.94-	112159	28 80		03.91-	110210	24 6.6
	[OM446.930]	01.94-	110895	28 55				
		01.94-	112159	28 80		01.94-	110206	24 5.4
	[OM446.931]	01.94-	112159	28 80		01.94-	110206	24 5.4
	[OM446.939]	05.92-09.96	113920	28 35		03.91-	110206	24 5.4
		01.94-	112159	28 80		03.91-	110210	24 6.6
	[OM446.940]	01.94-	112159	28 80		03.91-	110210	24 6.6
		01.94-09.96	113920	28 35		03.91-	110206	24 5.4
3544 14.6	(NG)[OM442.951]	08.73-09.96	112159	28 80				
		09.87-03.92	110895	28 55				
		09.87-03.92	113920	28 35		08.73-09.96	110206	24 5.4
	[OM442.953]	09.87-03.92	110895	28 55				
		09.87-03.92	113920	28 35		09.87-03.92	110206	24 5.4
	[OM442.980]	08.73-09.96	112159	28 80				
		09.87-03.92	110895	28 55				
		09.87-03.92	113920	28 35		08.73-09.96	110206	24 5.4
	(SK)[OM440.970]	03.91-09.96	113920	28 35		03.91-09.96	110206	24 5.4
	[OM440.978]	01.92-09.96	113920	28 35		01.92-09.96	110206	24 5.4
	[OM440.980]	03.91-09.96	113920	28 35				
	[OM440.985]	03.91-09.96	113920	28 35				
	[OM446.922]	01.92-09.96	113920	28 35		01.92-09.96	110206	24 5.4
3548 14.6	(SK)[OM440.975]	05.92-09.96	113920	28 35				
	[OM442.993]	05.92-09.96	113920	28 35				
3550 14.6	(SK)[OM440.975]	03.91-09.96	113920	28 35		05.92-	110206	24 5.4
		05.92-	112159	28 80				
	[OM440.976]	05.92-09.96	110895	28 55				
		05.92-09.96	112159	28 80				
		05.92-09.96	113920	28 35		12.93-	110206	24 5.4
	[OM440.982]	03.91-09.96	113920	28 35				
	[OM442.993]					05.92-	110206	24 5.4
	[OM442.997]	03.91-09.96	113920	28 35		05.92-	110206	24 5.4
		05.92-09.96	111629	28 120				
3553 14.6	(SK)[OM440.975]	05.92-09.96	110895	28 55				
		05.92-09.96	113920	28 35				
	[OM446.920]					01.94-09.96	110206	24 5.4
	[OM446.933]	01.96-	112159	28 80		01.96-	110206	24 5.4
3836 18.3	(NG)[OM423.907]	11.81-03.91	113920	28 35		11.81-03.91	112120	24 6.6
3850 18.3	(NG)[OM423.950]	09.85-08.94	110895	28 55		09.85-08.94	112120	24 6.6
		10.88-08.94	112159	28 80		09.85-08.94	113855	24 5.4
						09.85-08.94	110210	24 6.6
4133 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				

4140 11.9	(Actros)[OM541.923]	04.03-	115557	28 100				
		04.97- 01.01	112561	28 80				
		04.97- 01.01	113351	28 100		04.97- 10.02	113851	24 7.5
		04.97- 01.01	113448	28 100		04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	111771	24 6.2
	04.97- 10.02	115557	28 100 A49		04.97- 10.02	113609	24 6.2	
	[OM541.924]	04.97-	112561	28 80				
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49
	[OM541.944]	04.03-	113351	28 100		04.03-	111771	24 6.2
		04.03-	113448	28 100				
		04.03-	115557	28 100				
		04.97- 10.02	115497	28 80 A49		04.03-	113609	24 6.2
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49
	[OM541.945]	04.97-	112561	28 80				
		04.97-	113351	28 100		04.97-	111771	24 6.2
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5
04.97- 10.02		115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49	
4141 11.9	(Actros)[OM541.944]	06.08-	113351	28 100		06.08-	111771	24 6.2
		06.08-	113448	28 100		06.08-	113609	24 6.2
		06.08-	115557	28 100				
	[OM541.974]	06.08-	113351	28 100		06.08-	113851	24 7.5
		06.08-	115497	28 80 A49		06.08-	115885	24 7.5 A49
	[OM541.990]	06.08-	113351	28 100		06.08-	113851	24 7.5
		06.08-	115497	28 80 A49		06.08-	115885	24 7.5 A49
	(Actros MP2 / MP3)[OM541.974]	04.03-	112561	28 80		04.03-	111771	24 6.2
		04.03-	112561	28 80		04.03-	111771	24 6.2
		04.03-	113351	28 100				
04.03-		115497	28 80 A49					
[OM541.991]	04.03-	115557	28 100 A49		04.03-	113609	24 6.2	
4141 12.0	(Actros)[OM541.974]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
					04.03-	113609	24 6.2	
	[OM541.990]	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
				04.03-	113609	24 6.2		
				04.03-	113851	24 7.5		
4143 11.9	(Actros)[OM541.921]	04.97-	112561	28 80				
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49
	[OM541.925]	04.97-	112561	28 80				
		04.97-	113351	28 100		04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49
	[OM541.946]	04.97- 10.02	115497	28 80 A49		04.97- 10.02	115885	24 7.5 A49
		04.97- 10.02	115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49
	[OM541.947]	04.97-	112561	28 80				
		04.97-	113351	28 100				
		04.97-	113448	28 100		04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49		04.97- 10.02	113851	24 7.5
04.97- 10.02		115557	28 100 A49		04.97- 10.02	115885	24 7.5 A49	
4144 11.9	(Actros)[OM541.925]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	111771	24 6.2
	[OM541.946]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	111771	24 6.2
						04.03-	113609	24 6.2
						04.03-	113609	24 6.2
	[OM541.976]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
					04.03-	111771	24 6.2	
					04.03-	111771	24 6.2	
					04.03-	113609	24 6.2	
[OM541.992]	06.08-	113351	28 100		06.08-	113851	24 7.5	
	06.08-	115497	28 80 A49		06.08-	115885	24 7.5 A49	
(Actros MP2 / MP3)[OM541.946]	04.03-	113448	28 100		04.03-	111771	24 6.2	
	04.03-	113448	28 100					
[OM541.947]	04.03-	113448	28 100					
[OM541.976]	04.03-	112561	28 80					
[OM541.992]	04.03-	113448	28 100		04.03-	111771	24 6.2	
[OM541.993]	04.03-	112561	28 80					
	04.03-	113448	28 100		04.03-	111771	24 6.2	
4144 12.0	(Actros)[OM541.976]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
					04.03-	113609	24 6.2	
	[OM541.992]	04.03-	113351	28 100		04.03-	113851	24 7.5
	04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49	
				04.03-	113609	24 6.2		
4146 11.9	(Actros)[OM541.948]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
	[OM541.980]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
	[OM541.994]	04.03-	113351	28 100		04.03-	113851	24 7.5
		04.03-	115497	28 80 A49		04.03-	115885	24 7.5 A49
						04.03-	113609	24 6.2
						04.03-	113609	24 6.2
(Actros MP2 / MP3)[OM541.948]	04.03-	112561	28 80					
[OM541.949]	04.03-	112561	28 80					
[OM541.980]	04.03-	112561	28 80					
[OM541.994]	04.03-	112561	28 80					



4148 11.9	(Actros)[OM541.948]	03.00-	115497	28 80 A49	04.03-	113851	24 7.5
					04.03-	113609	24 6.2
					04.03-	115885	24 7.5 A49
	[OM541.978]	03.00-	115497	28 80 A49	04.03-	115885	24 7.5 A49
		06.08-	113351	28 100	06.08-	113851	24 7.5
	(Actros MP2 / MP3)[OM541.948]	04.03-	113351	28 100			
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
	[OM541.949]	04.03-	113351	28 100			
		04.03-	115497	28 80 A49			
	04.03-	115557	28 100 A49				
	[OM541.978]	04.03-	113351	28 100			
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
4148 15.9	(Actros)[OM542.921]	04.97-	112561	28 80			
		04.97-	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97-	113448	28 100	04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49
	[OM542.925]	04.97- 01.01	112561	28 80			
		04.97- 01.01	113351	28 100	04.97- 10.02	111771	24 6.2
		04.97- 01.01	113448	28 100	04.97- 10.02	113609	24 6.2
		04.97- 10.02	115497	28 80 A49	04.97- 10.02	113851	24 7.5
		04.97- 10.02	115557	28 100 A49	04.97- 10.02	115885	24 7.5 A49
4150 15.9	(Actros MP2 / MP3)[OM542.940]	04.03-	113448	28 100			
	[OM542.941]	04.03-	112561	28 80			
4151 15.9		04.03-	113448	28 100			
	(Actros MP2 / MP3)[OM542.961]	04.03-	113351	28 100			
		04.03-	115497	28 80 A49			
		04.03-	115557	28 100 A49			
4151 16.0	(Actros)[OM542.960]	05.05-	115497	28 80 A49	05.05-	115885	24 7.5 A49
					05.05-	113609	24 6.2
					05.05-	113851	24 7.5
4155 15.9	(Actros)[OM542.962]	04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115557	28 100	04.03-	115885	24 7.5
4160 15.9	(Actros)[OM542.956]	10.02-	112159	28 80			
	[OM542.957]	10.02-	112159	28 80			
	[OM542.964]	04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115557	28 100	04.03-	115885	24 7.5
4165 15.9	(Actros)[OM542.968]	04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115557	28 100	04.03-	115885	24 7.5
	[OM542.969]	04.03-	113351	28 100	04.03-	113851	24 7.5
		04.03-	115557	28 100	04.03-	115885	24 7.5
4844 14.6	(SK)[OM440.970]	12.91- 08.94	113920	28 35			
	[OM440.979]	12.91- 08.94	113920	28 35			
	[OM440.984]	03.91- 09.96	113920	28 35			
	[OM446.940]	03.91- 09.96	113920	28 35			
4850 18.3	(SK)[OM423.950]				07.87- 08.96	110206	24 5.4
1015 K 4.2	(Atego 2)[OM904.916]	10.04-	112561	28 80			
		10.04-	113351	28 100			
		10.04-	113448	28 100			
		10.04-	115557	28 100	10.04-	111982	24 4.0
		10.04-	115805	28 150	10.04-	114523	24 4.0
1214 C 4.0	(Flatnose)				06.97- 12.05	110525	12 3.0
1215 C 4.3	(Flatnose)	05.99- 12.05	113351	28 100	05.99- 12.05	114523	24 4.0
		05.99- 12.05	112561	28 80	05.99- 12.05	111982	24 4.0
1325 AF 6.4	(Atego)[OM906.919]	01.98- 10.04	112561	28 80			
		01.98- 10.04	113351	28 100			
		01.98- 10.04	113448	28 100			
		01.98- 10.04	115497	28 80			
		01.98- 10.04	115557	28 100 A49	01.98- 10.04	114523	24 4.0
	[OM906.939]	01.98- 10.04	112561	28 80			
		01.98- 10.04	113351	28 100			
		01.98- 10.04	113448	28 100			
		01.98- 10.04	115497	28 80			
		01.98- 10.04	115557	28 100 A49	01.98- 10.04	114523	24 4.0
1418 K 6.0	(Flatnose)				04.89- 04.99	110525	12 3.0
1718 M 4.3	(Flatnose)	01.01- 12.05	113351	28 100	01.01- 12.05	114523	24 4.0
		01.01- 12.05	112561	28 80	01.01- 12.05	111982	24 4.0
1723 S 6.0	(Flatnose)				02.98- 12.05	110525	12 3.0
1726 1728 7.2	(Atego 2)				01.11-	115896	24 5.5 A49
					01.11-	114086	24 5.5
					01.11-	111982	24 4.0
1833 A 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
1833 AK 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
1833 AS 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
1833 K 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
1833 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
1833 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
1836 L 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR			
	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
1836 LS 10.7	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
1840 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
1840 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
1843 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
1843 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR			
	(Antos)[OM470.906]	07.12-	116291	28 100 DR			
1850 K 14.6	(SK)[OM442.997]	07.88- 08.94	112159	28 80			
1852 L 15.6	(Actros MP4)[OM473.900]	01.14-	116291	28 100 DR			
1852 LS 15.6	(Actros MP4)[OM473.900]	01.14-	116291	28 100 DR			

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ *Continued*

1858 L 15.6	(Actros MP4)[OM473.905]	01.14-	116291	28 100 DR				
1858 LS 15.6	(Actros MP4)[OM473.905]	01.14-	116291	28 100 DR				
1861 LS 15.9	(Actros)[OM542.958]	05.05-	113351	28 100				
		05.05-	115497	28 80 A49		05.05-	113851	24 7.5
		05.05-	115557	28 100 A49		05.05-	115885	24 7.5 A49
1863 L 15.6	(Actros MP4)[OM473.903]	01.14-	116291	28 100 DR				
1863 LS 15.6	(Actros MP4)[OM473.903]	01.14-	116291	28 100 DR				
1924 L 6.4	(Atego 2)[OM902.916]	10.04-	112561	28 80		10.04-	114523	24 4.0
		10.04-	113351	28 100		10.04-	115514	24 4.0 A49
		10.04-	113448	28 100		10.04-	115896	24 5.5
		10.04-	115497	28 80 A49		10.04-	111982	24 4.0
		10.04-	115557	28 100 A49		10.04-	114086	24 5.5
1926 L 6.4	(Atego 2)[OM902.917]	10.04-	112561	28 80		10.04-	114086	24 5.5
		10.04-	113351	28 100		10.04-	115514	24 4.0 A49
		10.04-	113448	28 100		10.04-	115896	24 5.5
		10.04-	115497	28 80 A49		10.04-	111982	24 4.0
		10.04-	115557	28 100 A49		10.04-	114523	24 4.0
1929 L 6.4	(Atego 2)[OM902.918]	10.04-	112561	28 80		10.04-	114523	24 4.0
		10.04-	113351	28 100		10.04-	115514	24 4.0 A49
		10.04-	115497	28 80 A49		10.04-	111982	24 4.0
		10.04-	115557	28 100 A49		10.04-	114086	24 5.5
						10.04-	115896	24 5.5
2033 A 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
2033 AK 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
2033 AS 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
2033 K 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
2033 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2033 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
2033 S 10.7	(Arocs)[OM470.906]	01.13-	116291	28 100 DR				
2036 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2036 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2040 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2040 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2043 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2043 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2224 L 6.4	(Atego 2)[OM902.916]	10.04-	112561	28 80		10.04-	114523	24 4.0
		10.04-	113351	28 100		10.04-	115514	24 4.0 A49
		10.04-	113448	28 100		10.04-	115896	24 5.5
		10.04-	115497	28 80 A49		10.04-	111982	24 4.0
		10.04-	115557	28 100 A49		10.04-	114086	24 5.5
2226 L 6.4	(Atego 2)[OM902.917]	10.04-	113351	28 100		10.04-	114523	24 4.0
		10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49
		10.04-	115557	28 100 A49		10.04-	115896	24 5.5 A49
						10.04-	114086	24 5.5
2229 L 6.4	(Atego 2)[OM902.918]	10.04-	113351	28 100		10.04-	114523	24 4.0
		10.04-	115497	28 80 A49		10.04-	115514	24 4.0 A49
		10.04-	115557	28 100 A49		10.04-	115896	24 5.5 A49
						10.04-	114086	24 5.5
2429 2430 7.2	(Atego 2)					01.12-	115896	24 5.5 A49
						01.12-	114086	24 5.5
						01.12-	111982	24 4.0
2432 LS 11.9	(Actros MP2 / MP3)[OM541.970]	06.08-	113351	28 100		06.08-	113851	24 7.5
		06.08-	115497	28 80		06.08-	115885	24 7.5
	[OM541.996]	06.08-	113351	28 100		06.08-	113851	24 7.5
		06.08-	115497	28 80		06.08-	115885	24 7.5
2433 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2436 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2436 LS 11.9	(Actros MP2 / MP3)[OM541.972]	06.08-	113351	28 100				
		06.08-	115497	28 80				
	[OM541.998]	06.08-	113351	28 100				
		06.08-	115497	28 80				
2440 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2441 LS 11.9	(Actros MP2 / MP3)[OM541.974]	06.08-	113351	28 100				
		06.08-	115497	28 80				
	[OM541.990]	06.08-	113351	28 100				
		06.08-	115497	28 80				
2442 LS 12.8	(Actros MP4)[OM471.900]					07.11-	113851	24 7.5
						07.11-	115885	24 7.5 A49
	[OM471.909]					07.11-	113851	24 7.5
						07.11-	115885	24 7.5 A49
2443 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR				
	(Antos)[OM470.906]	07.12-	116291	28 100 DR				
2444 LS 11.9	(Actros MP2 / MP3)[OM541.976]	06.08-	113351	28 100				
		06.08-	115497	28 80				
	[OM541.992]	06.08-	113351	28 100				
		06.08-	115497	28 80				
2445 LS 12.8	(Actros MP4)[OM471.900]					07.11-	113851	24 7.5
						07.11-	115885	24 7.5 A49
	[OM471.909]					07.11-	113851	24 7.5
						07.11-	115885	24 7.5 A49
2446 LS 11.9	(Actros MP2 / MP3)[OM541.980]	06.08-	113351	28 100		06.08-	113851	24 7.5
		06.08-	115497	28 80		06.08-	115885	24 7.5
	[OM541.994]	06.08-	113351	28 100		06.08-	113851	24 7.5
		06.08-	115497	28 80		06.08-	115885	24 7.5



2448 LS 11.9	(Actros MP2 / MP3)[OM541.978]	06.08-	113351	28 100					
		06.08-	115497	28 80					
2448 LS 12.8	(Actros MP4)[OM471.900]				07.11-	113851	24 7.5		
					07.11-	115885	24 7.5	A49	
2451 LS 12.8	(Actros MP4)[OM471.900]				07.11-	113851	24 7.5		
					07.11-	115885	24 7.5	A49	
	[OM471.909]				07.11-	113851	24 7.5		
					07.11-	115885	24 7.5	A49	
2451 LS 15.9	(Actros MP2 / MP3)[OM542.960]	06.08-	113351	28 100	06.08-	113851	24 7.5		
		06.08-	115557	28 100	06.08-	115885	24 7.5		
2455 LS 15.9	(Actros MP2 / MP3)[OM542.962]	06.08-	113351	28 100	06.08-	113851	24 7.5		
		06.08-	115557	28 100	06.08-	115885	24 7.5		
2460 LS 15.9	(Actros MP2 / MP3)[OM542.964]	06.08-	113351	28 100	06.08-	113851	24 7.5		
		06.08-	115557	28 100	06.08-	115885	24 7.5		
2532 LS 11.9	(Actros MP2 / MP3)[OM541.920]	04.03-	113351	28 100	04.03-	113609	24 6.2		
		04.03-	113448	28 100	04.03-	113851	24 7.5		
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49	
	[OM541.940]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5		
	[OM541.970]	04.03-	113351	28 100	04.03-	115885	24 7.5	A49	
		04.03-	113448	28 100	04.03-	111771	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
	2532 L 11.9	(Actros MP2 / MP3)[OM541.920]	04.03-	113351	28 100	04.03-	113851	24 7.5	
			04.03-	113448	28 100	04.03-	115885	24 7.5	A49
			04.03-	115497	28 80 A49	04.03-	111771	24 6.2	
[OM541.940]		04.03-	113351	28 100	04.03-	113609	24 6.2		
		04.03-	113448	28 100	04.03-	113851	24 7.5		
		04.03-	115497	28 80 A49	04.03-	115885	24 7.5	A49	
[OM541.970]		04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113851	24 7.5	A49	
[OM541.996]		04.03-	113351	28 100	04.03-	115885	24 7.5	A49	
		04.03-	113448	28 100	04.03-	111771	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
2533 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR					
	(Antos)[OM470.906]	07.12-	116291	28 100 DR					
	(Arocs)[OM470.906]	01.13-	116291	28 100 DR					
2533 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR					
	(Antos)[OM470.906]	07.12-	116291	28 100 DR					
	(Arocs)[OM470.906]	01.13-	116291	28 100 DR					
2536 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR					
	(Antos)[OM470.906]	07.12-	116291	28 100 DR					
2536 L 11.9	(Actros MP2 / MP3)[OM541.922]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
	[OM541.942]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
	[OM541.943]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
	[OM541.972]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
[OM541.998]	04.03-	113351	28 100	04.03-	111771	24 6.2			
	04.03-	113448	28 100	04.03-	113609	24 6.2			
	04.03-	115497	28 80 A49	04.03-	113609	24 6.2			
2536 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR					
	(Antos)[OM470.906]	07.12-	116291	28 100 DR					
2536 LS 11.9	(Actros MP2 / MP3)[OM541.922]	04.03-	112561	28 80					
		04.03-	113351	28 100					
		04.03-	113448	28 100	04.03-	111771	24 6.2		
	04.03-	115497	28 80 A49	04.03-	113609	24 6.2			
[OM541.942]	04.03-	112561	28 80						
	04.03-	113351	28 100	04.03-	111771	24 6.2			
	04.03-	113448	28 100	04.03-	113609	24 6.2			
[OM541.943]	04.03-	115497	28 80 A49	04.03-	113609	24 6.2			
	04.03-	112561	28 80						
	04.03-	113351	28 100	04.03-	111771	24 6.2			
[OM541.972]	04.03-	113351	28 100	04.03-	113609	24 6.2			
	04.03-	113448	28 100	04.03-	111771	24 6.2			
	04.03-	115497	28 80 A49	04.03-	113609	24 6.2			
2540 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR					
	(Antos)[OM470.906]	07.12-	116291	28 100 DR					
2540 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28 100 DR					
	(Antos)[OM470.906]	07.12-	116291	28 100 DR					
	(Arocs)[OM470.906]	01.13-	116291	28 100 DR					
2541 L 11.9	(Actros MP2 / MP3)[OM541.923]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
	[OM541.944]	04.03-	113351	28 100	04.03-	111771	24 6.2		
		04.03-	113448	28 100	04.03-	113609	24 6.2		
		04.03-	115497	28 80 A49	04.03-	113609	24 6.2		
[OM541.974]	04.03-	113351	28 100	04.03-	111771	24 6.2			
	04.03-	113448	28 100	04.03-	113609	24 6.2			
	04.03-	115497	28 80 A49	04.03-	113609	24 6.2			



Application list

MERCEDES-BENZ Continued

	[OM541.990]	04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
2541 LS 11.9	(Actros MP2 / MP3)[OM541.923]	04.03-112561 28 80					
		04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
	[OM541.944]	04.03-112561 28 80					
		04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
2543 L 10.7	(Actros MP4)[OM470.906]	07.11-116291 28 100 DR					
	(Antos)[OM470.906]	07.12-116291 28 100 DR					
	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2543 LS 10.7	(Actros MP4)[OM470.906]	07.11-116291 28 100 DR					
	(Antos)[OM470.906]	07.12-116291 28 100 DR					
	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2544 L 11.9	(Actros MP2 / MP3)[OM541.925]	04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
	[OM541.946]	04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
	[OM541.976]	04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
	[OM541.992]	04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
2544 LS 11.9	(Actros MP2 / MP3)[OM541.925]	04.03-112561 28 80					
		04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
	[OM541.946]	04.03-112561 28 80					
		04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
	[OM541.976]	04.03-112561 28 80					
		04.03-113351 28 100					
		04.03-113448 28 100		04.03-111771 24 6.2			
		04.03-115497 28 80 A49		04.03-113609 24 6.2			
2546 L 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-112561 28 80					
		04.03-113351 28 100		04.03-113609 24 6.2			
		04.03-115497 28 80 A49		04.03-113851 24 7.5			
				04.03-115885 24 7.5 A49			
	[OM541.980]	04.03-112561 28 80					
		04.03-113351 28 100		04.03-113609 24 6.2			
		04.03-115497 28 80 A49		04.03-113851 24 7.5			
				04.03-115885 24 7.5 A49			
	[OM541.994]	04.03-112561 28 80					
		04.03-113351 28 100		04.03-113609 24 6.2			
		04.03-115497 28 80 A49		04.03-113851 24 7.5			
				04.03-115885 24 7.5 A49			
2546 LS 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-112561 28 80					
		04.03-113351 28 100		04.03-113851 24 7.5			
		04.03-115497 28 80 A49		04.03-115885 24 7.5 A49			
	[OM541.980]	04.03-112561 28 80					
		04.03-113351 28 100		04.03-113851 24 7.5			
		04.03-115497 28 80 A49		04.03-115885 24 7.5 A49			
2546 LS 12.0	(Actros MP2 / MP3)	12.09-115497 28 80					
		12.09-113351 28 100					
2548 L 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
	[OM541.978]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
2548 LS 11.9	(Actros MP2 / MP3)[OM541.948]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
	[OM541.978]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
2551 L 15.9	(Actros MP2 / MP3)[OM542.960]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
2555 L 15.9	(Actros MP2 / MP3)[OM542.962]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
2560 L 15.9	(Actros MP2 / MP3)[OM542.964]	04.03-113351 28 100					
		04.03-115497 28 80 A49					
2633 B 10.7	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2633 K 10.7	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2633 L 10.7	(Actros MP4)[OM470.906]	07.11-116291 28 100 DR					
	(Antos)[OM470.906]	07.12-116291 28 100 DR					
	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2633 LB 10.7	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2633 LK 10.7	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2633 LS 10.7	(Actros MP4)[OM470.906]	07.11-116291 28 100 DR					
	(Antos)[OM470.906]	07.12-116291 28 100 DR					
	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2633 S 10.7	(Arocs)[OM470.906]	01.13-116291 28 100 DR					
2636 K 12.0	(Axor 2)[OM457.937]	10.04-113351 28 100		10.04-113851 24 7.5			
		10.04-115497 28 80 A49		10.04-115885 24 7.5 A49			
				10.04-113609 24 6.2			
	[OM457.948]	10.04-113351 28 100		10.04-113851 24 7.5			
		10.04-115497 28 80 A49		10.04-115885 24 7.5 A49			
				10.04-113609 24 6.2			
	[OM457.956]	10.04-113351 28 100		10.04-113851 24 7.5			
		10.04-115497 28 80 A49		10.04-115885 24 7.5 A49			
				10.04-113609 24 6.2			
	[OM457.957]	10.04-113351 28 100		10.04-113851 24 7.5			
		10.04-115497 28 80 A49		10.04-115885 24 7.5 A49			
				10.04-113609 24 6.2			



	[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
2636 L 10.7	(Actros MP4)[OM470.906] (Antos)[OM470.906]	07.11- 07.12-	116291 116291	28 100 DR 28 100 DR				
2636 LS 10.7	(Actros MP4)[OM470.906] (Antos)[OM470.906]	07.11- 07.12-	116291 116291	28 100 DR 28 100 DR				
2640 B 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
2640 K 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
2640 L 10.7	(Actros MP4)[OM470.906] (Antos)[OM470.906] (Arocs)[OM470.906]	07.11- 07.12- 01.13-	116291 116291 116291	28 100 DR 28 100 DR 28 100 DR				
2640 LS 10.7	(Actros MP4)[OM470.906] (Antos)[OM470.906] (Arocs)[OM470.906]	07.11- 07.12- 01.13-	116291 116291 116291	28 100 DR 28 100 DR 28 100 DR				
2642 L 12.8	(Antos)[OM471.900]					07.12- 07.12-	113851 115885	24 7.5 24 7.5 A49
2642 LS 12.8	(Actros MP4)[OM471.900] [OM471.909] (Antos)[OM471.900]					07.11- 07.11- 07.11- 07.12- 07.12-	113851 115885 113851 115885 113851	24 7.5 24 7.5 A49 24 7.5 24 7.5 A49 24 7.5
2643 B 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
2643 K 12.0	(Axor 2)[OM457.956]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.957]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.980]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
	[OM457.981]	10.04- 10.04-	113351 115497	28 100 28 80 A49		10.04- 10.04- 10.04-	113851 115885 113609	24 7.5 24 7.5 A49 24 6.2
2643 L 10.7	(Actros MP4)[OM470.906] (Antos)[OM470.906] (Arocs)[OM470.906]	07.11- 07.12- 01.13-	116291 116291 116291	28 100 DR 28 100 DR 28 100 DR				
2643 LS 10.7	(Actros MP4)[OM470.906] (Antos)[OM470.906] (Arocs)[OM470.906]	07.11- 07.12- 01.13-	116291 116291 116291	28 100 DR 28 100 DR 28 100 DR				
2644 S 12.0	(Axor 2)[OM457.918] [OM457.937] [OM457.948]	01.11- 01.11- 01.11- 01.11-	113351 115557 113351 115557	28 100 28 100 28 100 28 100		01.11- 01.11- 01.11- 01.11-	113851 115885 113851 115885	24 7.5 24 7.5 24 7.5 24 7.5
2645 L 12.8	(Actros MP4)[OM471.900] [OM471.909] (Antos)[OM471.900]					07.11- 07.11- 07.11- 07.12- 07.12-	113851 115885 113851 115885 113851	24 7.5 24 7.5 A49 24 7.5 24 7.5 A49 24 7.5
2645 LS 12.8	(Actros MP4)[OM471.900] [OM471.909] (Antos)[OM471.900]					07.11- 07.11- 07.11- 07.12- 07.12-	113851 115885 113851 115885 113851	24 7.5 24 7.5 A49 24 7.5 24 7.5 A49 24 7.5

STARTERS & ALTERNATORS



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2648 L 12.8	(Actros MP4)[OM471.900]				07.11-	113851	24	7.5		
					07.11-	115885	24	7.5	A49	
	(Antos)[OM471.900]				07.12-	113851	24	7.5		
					07.12-	115885	24	7.5	A49	
2648 LS 12.8	(Actros MP4)[OM471.900]				07.11-	113851	24	7.5		
					07.11-	115885	24	7.5	A49	
	(Antos)[OM471.900]				07.12-	113851	24	7.5		
					07.12-	115885	24	7.5	A49	
2651 L 12.8	(Actros MP4)[OM471.900]				07.11-	113851	24	7.5		
					07.11-	115885	24	7.5	A49	
	(Antos)[OM471.900]				07.12-	113851	24	7.5		
					07.12-	115885	24	7.5	A49	
2651 LS 12.8	(Actros MP4)[OM471.900]				07.11-	113851	24	7.5		
					07.11-	115885	24	7.5	A49	
	[OM471.909]				07.11-	113851	24	7.5		
					07.11-	115885	24	7.5	A49	
	(Antos)[OM471.900]				07.12-	113851	24	7.5		
					07.12-	115885	24	7.5	A49	
2729 B 7.2	(Atron)				01.12-	115896	24	5.5	A49	
					01.12-	114086	24	5.5		
					01.12-	111982	24	4.0		
					01.12-	111982	24	4.0		
2729 K 7.2	(Atron)				01.12-	115896	24	5.5	A49	
					01.12-	114086	24	5.5		
					01.12-	111982	24	4.0		
					01.12-	111982	24	4.0		
3233 B 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3233 K 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3233 L 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3233 LB 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3233 LK 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3233 3233 L 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3236 B 12.0	(Axor 2)[OM457.956]	10.04-	113351	28	100					
		10.04-	115497	28	80	A49	10.04-	113851	24	7.5
							10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.957]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.980]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.981]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
						10.04-	113609	24	6.2	
3236 K 12.0	(Axor 2)[OM457.956]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.957]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.980]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.981]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
3240 B 12.0	(Axor 2)[OM457.956]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.957]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.980]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.981]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
3240 K 12.0	(Axor 2)[OM457.956]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.957]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.980]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.981]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
3243 B 12.0	(Axor 2)[OM457.956]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.957]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.980]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.981]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
3243 K 12.0	(Axor 2)[OM457.956]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.957]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.980]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
	[OM457.981]	10.04-	113351	28	100		10.04-	113851	24	7.5
		10.04-	115497	28	80	A49	10.04-	115885	24	7.5
							10.04-	113609	24	6.2
3333 A 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				



3333 AK 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 AS 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 B 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 K 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 LB 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 LK 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3333 S 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
3335 B 12.0	(Axor 2)[OM457.956]	10.04-10.05	111833	28	140					
		10.04-10.05	113351	28	100		10.04-10.05	110206	24	5.4
		10.04-10.05	113448	28	100		10.04-10.05	113608	24	6.2
		10.04-10.05	115557	28	100		10.04-10.05	113851	24	7.5
		10.04-10.05	116063	28	140		10.04-10.05	115885	24	7.5
	[OM457.957]	10.04-10.05	111833	28	140					
		10.04-10.05	113351	28	100		10.04-10.05	110206	24	5.4
		10.04-10.05	113448	28	100		10.04-10.05	113608	24	6.2
		10.04-10.05	115557	28	100		10.04-10.05	113851	24	7.5
		10.04-10.05	116063	28	140		10.04-10.05	115885	24	7.5
3336 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
3336 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
3340 B 12.0	(Axor 2)[OM457.956]	10.04-10.05	111833	28	140					
		10.04-10.05	113351	28	100		10.04-10.05	110206	24	5.4
		10.04-10.05	113448	28	100		10.04-10.05	113608	24	6.2
		10.04-10.05	115557	28	100		10.04-10.05	113851	24	7.5
		10.04-10.05	116063	28	140		10.04-10.05	115885	24	7.5
	[OM457.957]	10.04-10.05	111833	28	140					
		10.04-10.05	113351	28	100		10.04-10.05	110206	24	5.4
		10.04-10.05	113448	28	100		10.04-10.05	113608	24	6.2
		10.04-10.05	115557	28	100		10.04-10.05	113851	24	7.5
		10.04-10.05	116063	28	140		10.04-10.05	115885	24	7.5
3340 K 12.0	(Axor 2)[OM457.918]	10.04-	115497	28	80	A49	10.04-	115885	24	7.5 A49
							10.04-	113609	24	6.2
							10.04-	113851	24	7.5
	[OM457.937]	10.04-	115497	28	80	A49	10.04-	115885	24	7.5 A49
							10.04-	113609	24	6.2
							10.04-	113851	24	7.5
	[OM457.956]	10.04-	115497	28	80	A49	10.04-	115885	24	7.5 A49
							10.04-	113609	24	6.2
							10.04-	113851	24	7.5
	[OM457.957]	10.04-	115497	28	80	A49	10.04-	115885	24	7.5 A49
							10.04-	113609	24	6.2
							10.04-	113851	24	7.5
3340 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
3340 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
3343 B 12.0	(Axor 2)[OM457.956]	10.04-	115497	28	80	A49	10.04-	115885	24	7.5 A49
							10.04-	113609	24	6.2
							10.04-	113851	24	7.5
	[OM457.957]	10.04-	115497	28	80	A49	10.04-	115885	24	7.5 A49
							10.04-	113609	24	6.2
							10.04-	113851	24	7.5
3343 L 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
3343 LS 10.7	(Actros MP4)[OM470.906]	07.11-	116291	28	100	DR				
	(Antos)[OM470.906]	07.12-	116291	28	100	DR				
4133 AK 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
4133 B 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
4133 K 10.7	(Arocs)[OM470.906]	01.13-	116291	28	100	DR				
4135 B 12.0	(Axor 2)[OM457.956]	10.05-	111833	28	140					
		10.05-	113351	28	100					
		10.05-	113448	28	100					
		10.05-	115557	28	100					
		10.05-	116063	28	140		10.05-	110206	24	5.4
	[OM457.957]	10.05-	111833	28	140					
		10.05-	113351	28	100					
		10.05-	113448	28	100					
		10.05-	115557	28	100					
		10.05-	116063	28	140		10.05-	110206	24	5.4
4135 K 12.0	(Axor 2)[OM457.956]	06.09-	111833	28	140		06.09-	110206	24	5.4
		06.09-	113351	28	100		06.09-	113608	24	6.2
		06.09-	115557	28	100		06.09-	113851	24	7.5
		06.09-	116063	28	140		06.09-	115885	24	7.5
	[OM457.957]	06.09-	111833	28	140		06.09-	110206	24	5.4
		06.09-	113351	28	100		06.09-	113608	24	6.2
		06.09-	115557	28	100		06.09-	113851	24	7.5
		06.09-	116063	28	140		06.09-	115885	24	7.5
4140 B 12.0	(Axor 2)[OM457.956]	01.11-	113351	28	100					
		01.11-	115497	28	80	A49				
		01.11-	115557	28	100	A49				
	[OM457.957]	01.11-	113351	28	100					
		01.11-	115497	28	80	A49				
		01.11-	115557	28	100	A49				
4140 K 12.0	(Axor 2)[OM457.956]	06.09-	111833	28	140	w/ bushing in rear brackethole	06.09-	110206	24	5.4
		06.09-	113351	28	100		06.09-	113608	24	6.2
		06.09-	115497	28	80	A49	06.09-	113851	24	7.5
		06.09-	116063	28	140	w/o bushing in rear brackethole	06.09-	115885	24	7.5 A49

STARTERS & ALTERNATORS



	[OM441.911]	AC 01.80- 04.89	111629	28 120	05.83- 09.87	110210	24 6.6
		AC 01.80- 01.89	111833	28 140 w/ bushing in rear brackethole			
		AC 01.80- 01.89	116063	28 140 w/o bushing in rear brackethole			
		AC 01.87- 04.89	111629	28 120	01.80- 04.89	110206	24 5.4
	[OM441.918]	AC 01.80- 01.89	111629	28 120			
		AC 01.80- 01.89	111833	28 140 w/ bushing in rear brackethole			
		AC 01.80- 01.89	116063	28 140 w/o bushing in rear brackethole	01.80- 01.89	110206	24 5.4
		AC 01.87- 04.89	111629	28 120	05.83- 09.87	110210	24 6.6
	[OM441.950]	AC 12.87- 09.92	111629	28 120			
		AC 12.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 12.87- 09.92	116063	28 140 w/o bushing in rear brackethole	12.87- 09.92	110206	24 5.4
	[OM441.953]	AC 12.87- 09.92	111629	28 120			
		AC 12.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 12.87- 09.92	116063	28 140 w/o bushing in rear brackethole	12.87- 09.92	110206	24 5.4
O 303 12.8	[OM402.907]	12.78- 06.83	111629	28 120	03.75- 02.77	110210	24 6.6
					03.77- 06.83	110206	24 5.4
O 303 14.6	[OM422.908]	AC 01.80- 09.87	113920	28 35	01.80- 09.87	110206	24 5.4
		AC 01.87- 09.87	111629	28 120			
		AC 01.80- 12.83	111629	28 120			
		AC 01.80- 09.87	111833	28 140 w/ bushing in rear brackethole			
		AC 01.80- 09.87	116063	28 140 w/o bushing in rear brackethole	05.83- 09.87	110210	24 6.6
	[OM422.917]	AC 01.87- 09.87	111629	28 120			
		AC 01.80- 12.83	111629	28 120			
		AC 01.80- 09.87	111833	28 140 w/ bushing in rear brackethole	01.80- 09.87	110206	24 5.4
		AC 01.80- 09.87	116063	28 140 w/o bushing in rear brackethole	05.83- 09.87	110210	24 6.6
	[OM422.951]	AC 01.87- 09.87	111629	28 120			
		AC 08.80- 12.83	111629	28 120			
		AC 08.80- 09.87	111833	28 140 w/ bushing in rear brackethole	08.80- 09.87	110206	24 5.4
		AC 08.80- 09.87	116063	28 140 w/o bushing in rear brackethole	05.83- 09.87	110210	24 6.6
	[OM422.963]	AC 01.87- 09.87	111629	28 120			
		AC 08.80- 12.83	111629	28 120			
		AC 08.80- 09.87	111833	28 140 w/ bushing in rear brackethole	08.80- 09.87	110206	24 5.4
		AC 08.80- 09.87	116063	28 140 w/o bushing in rear brackethole	05.83- 09.87	110210	24 6.6
	[OM442.954]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.955]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.960]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.961]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
O 303 15.1	[OM442.910]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.911]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.918]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.919]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
	[OM442.939]	AC 09.87- 09.92	111629	28 120			
		AC 09.87- 09.92	111833	28 140 w/ bushing in rear brackethole			
		AC 09.87- 09.92	116063	28 140 w/o bushing in rear brackethole	09.87- 09.92	110206	24 5.4
O 303 15.9	[OM403.918]	12.78- 06.83	111629	28 120	07.75- 06.83	110210	24 6.6
O 303 9.6	[OM401.907]				10.74- 06.83	110206	24 5.4
	[OM401.908]				10.74- 06.83	110206	24 5.4
					10.74- 02.77	110210	24 6.6
	[OM401.912]	12.78- 06.83	111629	28 120	10.74- 02.77	110210	24 6.6
					03.77- 06.83	110206	24 5.4
O 305 11.0	[OM407.905]				04.73- 07.77	110210	24 6.6
	[OM407.908]				04.73- 07.77	110210	24 6.6
	[OM407.909]				04.73- 07.77	110210	24 6.6
	[OM407.911]				04.73- 07.77	110210	24 6.6
O 305 11.4	[OM407.913]	12.78- 05.87	111629	28 120	11.76- 05.87	110210	24 6.6
	[OM407.914]	12.78- 05.87	111629	28 120	11.76- 05.87	110210	24 6.6
	[OM407.917]	12.78- 05.87	111629	28 120	11.76- 05.87	110210	24 6.6
	[OM407.919]	12.78- 05.87	111629	28 120	02.78- 05.87	110210	24 6.6
	[OM407.951]	02.79- 05.87	111629	28 120	02.79- 05.87	110210	24 6.6
	[OM407.955]	02.79- 05.87	111629	28 120	02.79- 05.87	110210	24 6.6
O 305 8.7	[OM360.911]				01.69- 05.73	110512	24 5.4
					01.69- 05.73	110601	24 5.4
O 307 11.0	[OM407.907]				04.73- 07.77	110210	24 6.6
	[OM407.911]				04.73- 07.77	110210	24 6.6
O 307 11.4	[OM407.915]	12.78- 07.87	111629	28 120	11.76- 07.87	110210	24 6.6

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	[OM407.916]	01.87- 07.87	111629	28 120		11.76- 07.77	110210	24 6.6
	[OM407.918]	01.87- 07.87	111629	28 120		11.76- 07.77	110210	24 6.6
	[OM407.955]					11.76- 07.87	110206	24 5.4
O 309 3.8	[OM314.962]					01.70- 02.89	110601	24 5.4
	[OM314.963]					01.70- 02.89	110601	24 5.4
O 309 5.7	[OM353.969]	05.77- 02.89	111141	14 55				
O 309 D 3.8	[OM314.946]					01.68- 12.69	110512	24 5.4
						01.70- 02.89	110601	24 5.4
	[OM314.948]	08.79- 08.82	111141	14 55		01.70- 02.89	110601	24 5.4
		11.86-	110906	28 30		02.73- 12.86	110524	24 4.0
						01.70- 01.73	110512	24 5.4
	[OM314.959]	08.79- 08.82	111141	14 55		01.70- 02.89	110601	24 5.4
		11.86- 02.89	110895	28 55				
		11.86- 02.89	110906	28 30		08.74- 02.89	110524	24 4.0
O 317 10.8	[OM346.911]					01.66- 01.76	110531	24 6.6
	[OM346.918]					01.66- 01.76	110531	24 6.6
O 345 12.0	(Conecto)[OM447.949]	11.01-	111833	28 140				
		11.01-	116063	28 140		11.01-	110210	24 6.6
	[OM457.942]	11.01-	111833	28 140				
		11.01-	113351	28 100		11.01-	113851	24 7.5
		11.01-	115557	28 100		11.01-	115885	24 7.5
		11.01-	116063	28 140		11.01-	113608	24 6.2
O 345 6.4	(Conecto)[OM906.960]	11.01-	113448	28 100		11.01-	115801	24 4.0
						11.01-	111982	24 4.0 BO
						11.01-	114523	24 4.0
						11.01-	115514	24 4.0 A49
O 350 11.0	(Tourismo)[OM441.980]	08.95-	111833	28 140 w/ bushing in rear brackethole				
		08.95-	116063	28 140 w/o bushing in rear brackethole		10.95-	110206	24 5.4
	[OM445.934]	08.95-	111833	28 140 w/ bushing in rear brackethole				
		08.95-	116063	28 140 w/o bushing in rear brackethole		10.95-	110206	24 5.4
O 350 12.0	(Tourismo)[OM457.944]					09.03-	113608	24 6.2
O 350 12.8	(Tourismo)[OM402.970]	08.95-	111833	28 140 w/ bushing in rear brackethole				
		08.95-	116063	28 140 w/o bushing in rear brackethole		10.95-	110206	24 5.4
O 350 14.6	(Tourismo)[OM446.938]	08.95-	111833	28 140 w/ bushing in rear brackethole				
		08.95-	116063	28 140 w/o bushing in rear brackethole		10.95-	110206	24 5.4
O 350 15 RHD 12.0	(Tourismo)[OM457.941]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.952]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.953]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.961]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.965]	01.03-	111833	28 140				
		01.03-	116063	28 140				
O 350 15 SHD 12.0	(Tourismo)[OM457.944]	01.03-	111833	28 140		01.03-	113851	24 7.5
		01.03-	116063	28 140		01.03-	115885	24 7.5
						01.03-	113608	24 6.2
	[OM457.953]	01.03-	111833	28 140		01.03-	113851	24 7.5
		01.03-	116063	28 140		01.03-	115885	24 7.5
						01.03-	113608	24 6.2
O 350 16 RHD 12.0	(Tourismo)[OM457.944]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.952]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.953]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.961]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.965]	01.03-	111833	28 140				
		01.03-	116063	28 140				
O 350 17 RHD 12.0	(Tourismo)[OM457.953]	01.03-	111833	28 140				
		01.03-	116063	28 140				
	[OM457.961]	01.03-	111833	28 140				
		01.03-	116063	28 140				
O 402 6.0	[OM366.917]	02.86- 12.91	111833	28 140 w/ bushing in rear brackethole		02.86- 02.01	110524	24 4.0
		02.86- 12.91	116063	28 140 w/o bushing in rear brackethole		02.86- 02.01	113979	24 4.0
	[OM366.965]	02.86- 12.91	111833	28 140 w/ bushing in rear brackethole		02.86- 02.01	110524	24 4.0
		02.86- 12.91	116063	28 140 w/o bushing in rear brackethole		02.86- 02.01	113979	24 4.0
O 404 11.0	[OM441.980]	09.91- 10.99	111833	28 140 w/ bushing in rear brackethole				
		09.91- 10.99	116063	28 140 w/o bushing in rear brackethole		09.91- 10.99	110206	24 5.4
	[OM445.934]	09.91- 10.99	111833	28 140 w/ bushing in rear brackethole				
		09.91- 10.99	116063	28 140 w/o bushing in rear brackethole		09.91- 10.99	110206	24 5.4
	[OM445.935]	09.94- 10.99	111833	28 140 w/ bushing in rear brackethole				
		09.94- 10.99	116063	28 140 w/o bushing in rear brackethole		09.94- 10.99	110206	24 5.4
O 404 11.3	[OM441.921]	09.91- 01.92	111833	28 140 w/ bushing in rear brackethole				
		09.91- 01.92	116063	28 140 w/o bushing in rear brackethole		09.91- 01.92	110206	24 5.4
	[OM441.922]	09.91- 01.92	111833	28 140 w/ bushing in rear brackethole				
		09.91- 01.92	116063	28 140 w/o bushing in rear brackethole		09.91- 01.92	110206	24 5.4
O 404 12.8	[OM402.970]	09.91- 10.99	111833	28 140 w/ bushing in rear brackethole				
		09.91- 10.99	116063	28 140 w/o bushing in rear brackethole		09.91- 10.99	110206	24 5.4
O 404 14.6	[OM446.934]	09.94- 10.99	111833	28 140 w/ bushing in rear brackethole				
		09.94- 10.99	116063	28 140 w/o bushing in rear brackethole		01.95- 10.99	110206	24 5.4



	[OM446.938]	09.94- 10.99 09.94- 10.99	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	01.95- 10.99	110206	24 5.4
O 404 15.1	[OM442.930]	09.91- 01.92 09.91- 01.92	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	09.91- 01.92	110206	24 5.4
	[OM442.931]	09.91- 01.92 09.91- 01.92	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	09.91- 01.92	110206	24 5.4
O 404 9.6	[OM401.970]	09.91- 10.99 09.91- 10.99	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	09.91- 10.99	110206	24 5.4
O 404 9.8	[OM401.974]	09.91- 10.99 09.91- 10.99	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	09.91- 10.99	110206	24 5.4
O 405 12.0	[OM427.905]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM427.910]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM427.911]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM427.950]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85- 02.01	110210	24 6.6
	[OM447.905]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM447.907]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.908]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.910]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.911]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM447.913]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM447.914]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM447.950]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85- 02.01	110210	24 6.6
	[OM447.951]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85- 02.01	110210	24 6.6
	[OM447.955]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.956]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.957]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.959]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.970]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM447.971]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.972]	11.91- 11.91-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.91-	110210	24 6.6
	[OM447.973]	12.84- 12.84-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.86-	110210	24 6.6
	[OM447.974]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.975]	11.91- 11.91-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.91-	110210	24 6.6
	[OM447.976]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6
	[OM447.981]	11.91- 11.91-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.91-	110210	24 6.6
	[OM447.986]	11.91- 11.91-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.91-	110210	24 6.6
O 405 G 12.0	[OM447.977]				09.91-	110210	24 6.6
	[OM447.980]				09.91-	110210	24 6.6
O 405 GN 12.0	[OM447.978]	11.85- 11.85-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole	11.85-	110210	24 6.6

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	[OM447.979]					09.91-	110210	24	6.6
	[OM447.984]	09.91-	111833	28 140	w/ bushing in rear brackethole				
		09.91-	116063	28 140	w/o bushing in rear brackethole	09.91-	110210	24	6.6
O 405 GNTD 12.0	[OM447.998]					09.91-	110210	24	6.6
O 407 12.0	[OM447.906]	03.87- 11.01	111833	28 140	w/ bushing in rear brackethole	03.87- 02.01	110210	24	6.6
	[OM447.908]	03.87- 11.01	111833	28 140	w/ bushing in rear brackethole				
		03.87- 11.01	116063	28 140	w/o bushing in rear brackethole	03.87- 02.01	110210	24	6.6
	[OM447.954]	03.87- 11.01	111833	28 140	w/ bushing in rear brackethole				
		03.87- 11.01	116063	28 140	w/o bushing in rear brackethole	03.87- 02.01	110210	24	6.6
	[OM447.985]	11.91- 11.01	111833	28 140	w/ bushing in rear brackethole				
		11.91- 11.01	116063	28 140	w/o bushing in rear brackethole	02.91- 02.01	110210	24	6.6
	[OM447.990]	03.87- 11.01	111833	28 140	w/ bushing in rear brackethole				
		03.87- 11.01	116063	28 140	w/o bushing in rear brackethole	03.87- 02.01	110210	24	6.6
	[OM447.991]	11.91- 11.01	111833	28 140	w/ bushing in rear brackethole				
		11.91- 11.01	116063	28 140	w/o bushing in rear brackethole	02.91- 02.01	110210	24	6.6
O 408 12.0	[OM447.912]	01.91- 12.98	111833	28 140	w/ bushing in rear brackethole				
		01.91- 12.98	116063	28 140	w/o bushing in rear brackethole	01.91- 12.01	110210	24	6.6
	[OM447.958]	01.91- 12.98	111833	28 140	w/ bushing in rear brackethole				
		01.91- 12.98	116063	28 140	w/o bushing in rear brackethole	01.91- 12.01	110210	24	6.6
	[OM447.987]	08.92- 12.98	111833	28 140	w/ bushing in rear brackethole				
		08.92- 12.98	116063	28 140	w/o bushing in rear brackethole	08.92-	110210	24	6.6
	[OM447.992]	01.91- 12.98	111833	28 140	w/ bushing in rear brackethole				
		01.91- 12.98	116063	28 140	w/o bushing in rear brackethole	01.91- 12.01	110210	24	6.6
	[OM447.993]	08.92- 12.98	111833	28 140	w/ bushing in rear brackethole				
		08.92- 12.98	116063	28 140	w/o bushing in rear brackethole	08.92- 12.01	110210	24	6.6
O 500 12.0	(Touro)[OM457.944]					10.01-	113608	24	6.2
						10.01-	113609	24	6.2
						10.01-	113851	24	7.5
						10.01-	115885	24	7.5 A49
O 510 6.4	(Tourino)[OM906.961]	10.03-	111833	28 140	w/ bushing in rear brackethole	10.03-	114523	24	4.0
		10.03-	113448	28 100		10.03-	115514	24	4.0 A49
		10.03-	116063	28 140	w/o bushing in rear brackethole	10.03-	115896	24	5.5 A49
						10.03-	111982	24	4.0
						10.03-	114086	24	5.5
	[OM906.962]	10.03-	111833	28 140	w/ bushing in rear brackethole	10.03-	114523	24	4.0
		10.03-	113448	28 100		10.03-	115514	24	4.0 A49
		10.03-	116063	28 140	w/o bushing in rear brackethole	10.03-	115896	24	5.5 A49
						10.03-	111982	24	4.0
						10.03-	114086	24	5.5
O 510 7.2	(Tourino)[OM926.939]	10.03-	113351	28 100		10.03-	114086	24	5.5
		10.03-	113448	28 100		10.03-	114523	24	4.0
		10.03-	115557	28 100		10.03-	115896	24	5.5
O 520 4.3	(Cito)[OM904.942]	06.99-	113448	28 100		01.99-	111982	24	4.0
						06.99-	114523	24	4.0
						01.99-	115514	24	4.0 A49
						06.99-	115801	24	4.0
O 530 12.0	(Citaro)[OM457.943]	01.98-	111833	28 140	w/ bushing in rear brackethole				
		01.98-	113351	28 100					
		01.98-	113448	28 100					
		01.98-	115497	28 80	A49	01.98-	113851	24	7.5
		01.98-	116063	28 140	w/o bushing in rear brackethole	01.98-	115885	24	7.5 A49
	[OM457.950]	01.98-	111833	28 140	w/ bushing in rear brackethole				
		01.98-	113351	28 100					
		01.98-	113448	28 100					
		01.98-	115497	28 80	A49	01.98-	113851	24	7.5
		01.98-	116063	28 140	w/o bushing in rear brackethole	01.98-	115885	24	7.5 A49
	[OM457.959]	01.98-	111833	28 140	w/ bushing in rear brackethole				
		01.98-	113351	28 100					
		01.98-	113448	28 100					
		01.98-	115497	28 80	A49	01.98-	113851	24	7.5
		01.98-	116063	28 140	w/o bushing in rear brackethole	01.98-	115885	24	7.5 A49
	[OM457.973]	01.98-	111833	28 140	w/ bushing in rear brackethole				
		01.98-	113351	28 100					
		01.98-	113448	28 100					
		01.98-	115497	28 80	A49	01.98-	113851	24	7.5
		01.98-	116063	28 140	w/o bushing in rear brackethole	01.98-	115885	24	7.5 A49
O 530 6.4	(Citaro)[OM902.926]		113351	28 100			114523	24	4.0
			115557	28 100			115896	24	5.5
							114086	24	5.5
	[OM902.934]		113351	28 100			114523	24	4.0
			115557	28 100			115896	24	5.5
							114086	24	5.5
O 530 G 6.4	(Axor)[OM909.901]	01.99-	113351	28 100		01.99-	111982	24	4.0
		01.99-	113448	28 100		01.99-	114523	24	4.0
		01.99- 09.04	115497	28 80	A49	01.99- 09.04	115514	24	4.0 A49
		01.99-	115557	28 100	A49	01.99-	115801	24	4.0
	(Citaro)[OM457.935]					01.98-	113608	24	6.2



	[OM906.930]	01.99-	113448	28 100		01.99- 01.99- 01.99- 01.99- 09.04	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.960]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.961]	01.99-	113448	28 100		01.99- 01.99- 01.99- 01.99- 09.04	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.921]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
O 530 GNG 12.0	(Citaro)[M476.930]					04.00-	110210	24 6.6	
O 530 L 6.4	(Citaro)[OM906.930]	01.99-	113448	28 100		01.99- 01.99- 01.99- 01.99- 09.04	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.960]	01.01- 01.01- 01.01- 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.99- 01.99- 01.99- 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.901]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.921]	01.99- 01.99- 01.99- 09.04 01.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		01.99- 01.99- 01.99- 09.04 01.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
O 530 N 12.0	(Citaro)[OM457.934]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98- 01.98-	110210 113608	24 6.6 24 6.2	
	[OM457.942]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98- 01.98-	110210 113608	24 6.6 24 6.2	
	[OM457.949]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98- 01.98-	110210 113608	24 6.6 24 6.2	
	[OM457.950]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98- 01.98-	110210 113608	24 6.6 24 6.2	
	[OM457.951]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole					
	[OM457.957]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98-	111833		
	[OM457.959]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98- 01.98-	110210 113608	24 6.6 24 6.2	
	[OM457.973]	01.98- 01.98-	111833 116063	28 140 w/ bushing in rear brackethole 28 140 w/o bushing in rear brackethole		01.98- 01.98-	110210 113608	24 6.6 24 6.2	
O 530 N 6.4	(Citaro)[OM906.962]	04.00- 04.00- 04.00- 04.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.00- 04.99- 04.00- 04.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.963]	04.99- 04.99- 04.99- 04.99-	113351 113448 115497 115557	28 100 28 100 28 80 A49 28 100 A49		04.99- 04.99- 04.99- 04.99-	111982 114523 115514 115801	24 4.0 24 4.0 24 4.0 24 4.0	A49
O 530 N3 6.4	(Citaro)[OM906.930]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 09.04 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.931]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.960]	01.98-	113448	28 100		01.98- 01.98- 01.98- 01.98-	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM906.961]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.900]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.901]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.911]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM909.921]	01.98- 01.98-	112561 113448	28 80 28 100		01.98- 01.98- 01.98- 01.98-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
O 530 NG 12.0	(Citaro)[M476.930]					04.00-	110210	24 6.6	

STARTERS & ALTERNATORS



MERCEDES-BENZ Continued

Application list

	[M476.932]					06.00-	110210	24	6.6
	[M476.933]	04.00-	111833	28 140	w/ bushing in rear brackethole	04.00-	110210	24	6.6
		04.00-	116063	28 140	w/o bushing in rear brackethole	04.00-	113608	24	6.2
	[M476.934]	04.00-	111833	28 140	w/ bushing in rear brackethole	04.00-	110210	24	6.6
		04.00-	116063	28 140	w/o bushing in rear brackethole	04.00-	113608	24	6.2
O 550 12.0	(Integro)[OM457.952]	01.06-	111833	28 140		01.06-	113851	24	7.5
		01.06-	116063	28 140		01.06-	115885	24	7.5 A49
						01.06-	113609	24	6.2
	[OM457.965]	01.06-	111833	28 140		01.06-	113851	24	7.5
		01.06-	116063	28 140		01.06-	115885	24	7.5
O 550 7.2	(Integro)[OM926.939]	01.06-	113351	28 100					
		01.06-	113448	28 100					
		01.06-	115557	28 100		01.06-	114523	24	4.0
O 580 RHD 12.0	(Travego)[OM457.936]					10.99-	113608	24	6.2
O 580-15 RH 12.0	(Travego)[OM457.940]					10.99-	113608	24	6.2
O 580-15 RHD 12.0	(Travego)[OM457.944]					10.99-	113608	24	6.2
O 580-17 RHD 12.0	(Travego)[OM457.944]					10.99-	113608	24	6.2
O 580-17 RHD 15.9	(Travego)[OM542.948]					10.99-	111771	24	6.2
						10.99-	113609	24	6.2
						10.99-	113851	24	7.5
						10.99-	115885	24	7.5 A49
U 100 2.9	(Unimog)[OM602.981]	07.96-	111890	14 90		07.96-	111851	12	2.0
	[OM602.989]	07.96-	111890	14 90		07.96-	111851	12	2.0
U 100 5.7	(Unimog)[OM353.901]					09.73- 12.76	110525	12	3.0
U 1000 5.7	(Unimog)[OM353.940]	01.77- 12.82	111141	14 55					
	[OM353.962]	01.77- 05.88	111141	14 55		01.77- 05.88	110601	24	5.4
						01.77- 05.88	110512	24	5.4
						06.84- 05.88	110525	12	3.0
	[OM353.980]	01.77- 12.82	111141	14 55					
U 1000 6.0	(Unimog)[OM356.914]	01.88- 12.92	111141	14 55		01.91- 12.92	110524	24	4.0
		01.88- 12.92	113920	28 35		01.88- 01.91	110525	12	3.0
	[OM366.915]	01.88- 12.92	111141	14 55		01.91- 12.92	110524	24	4.0
		01.88- 12.92	113920	28 35		01.88- 01.91	110525	12	3.0
U 110 4.0	(Unimog)[OM364.955]	Eng. 393454- 07.92-	113611	14 90		07.92-	110525	12	3.0
		Eng. 393454- 07.92-	111141	14 55					
	[OM364.958]	07.92-	111141	14 55					
		07.92-	113611	14 90		02.92-	110525	12	3.0
U 1100 5.7	(Unimog)[OM353.901]	01.77- 05.88	112098	14 65					
	[OM353.907]	01.77- 01.88	112098	14 65					
	[OM353.940]					01.77- 05.88	116040	24	4.0
	[OM353.980]	01.77- 05.88	112098	14 65					
		05.79- 12.82	111141	14 55					
U 1150 5.7	(Unimog)[OM353.907]	05.88- 02.01	110766	28 27		05.88-	116040	24	4.0
					Eng. -708449	05.88- 02.01	110512	24	5.4
						05.88-	110601	24	5.4
	[OM353.940]	05.88- 02.01	110766	28 27		05.88-	110601	24	5.4
		05.88- 02.01	112098	14 65		05.88-	116040	24	4.0
						05.88- 02.01	110512	24	5.4
U 1200 5.7	(Unimog)[OM353.973]	02.82- 05.88	111141	14 55		02.82- 05.88	110525	12	3.0
	[OM353.995]	02.82- 05.88	111141	14 55		02.82- 05.88	110525	12	3.0
U 1200 6.0	(Unimog)[OM356.950]	01.88- 02.01	111141	14 55		01.91- 02.01	110524	24	4.0
		01.88- 02.01	113920	28 35		01.88- 01.91	110525	12	3.0
	[OM356.954]	01.88- 02.01	111141	14 55		01.91- 02.01	110524	24	4.0
		01.88- 02.01	113920	28 35		01.91-	113979	24	4.0
		01.96-	110895	28 55		01.88- 01.91	110525	12	3.0
	[OM366.949]	01.88- 02.01	111141	14 55		01.91- 02.01	110524	24	4.0
		01.88- 02.01	113920	28 35		01.88- 01.91	110525	12	3.0
U 125 5.7	(Unimog)[OM353.907]					09.73- 12.76	110525	12	3.0
U 1250 5.7	(Unimog)[OM353.973]	12.84- 11.87	111141	14 55		12.84- 05.88	110525	12	3.0
	[OM353.995]	12.84- 11.87	111141	14 55		12.84- 05.88	110525	12	3.0
U 1250 6.0	(Unimog)[OM356.950]	01.88- 02.01	111141	14 55		01.91- 02.01	110524	24	4.0
		01.88- 02.01	113920	28 35		01.88- 01.91	110525	12	3.0
	[OM356.954]	01.88- 02.01	111141	14 55		09.91-	110524	24	4.0
		01.88- 02.01	113920	28 35		09.91- 02.01	113979	24	4.0
	[OM366.949]	01.88- 02.01	111141	14 55		01.91- 02.01	110524	24	4.0
		01.88- 02.01	113920	28 35		01.88- 01.91	110525	12	3.0
	[OM366.955]	05.88- 02.01	111141	14 55		05.88- 02.01	110525	12	3.0
		05.88- 02.01	113920	28 35		05.88- 02.01	113979	24	4.0
						05.88- 02.01	110524	24	4.0
U 130 4.0	(Unimog)[OM364.982]	07.92-	111141	14 55					
		07.92-	113611	14 90		07.92-	110525	12	3.0
	[OM364.985]	07.92-	111141	14 55					
		07.92-	113611	14 90		07.92-	110525	12	3.0
U 1300 5.7	(Unimog)[OM353.961]	01.77- 05.88	111141	14 55		03.82-	110524	24	4.0
		10.78- 05.88	112288	28 55		01.77- 05.88	110525	12	3.0
	[OM353.973]	01.77- 05.88	111141	14 55		01.81- 12.84	110525	12	3.0
		10.78- 05.88	112288	28 55		03.82-	110524	24	4.0
						01.77- 12.80	110208	24	5.4
	[OM353.995]	01.77- 12.84	111141	14 55					
U 1350 6.0	(Unimog)[OM366.955]	05.88- 02.01	111141	14 55		05.88- 02.01	110525	12	3.0
		05.88- 02.01	113920	28 35		05.88- 02.01	113979	24	4.0
						05.88- 02.01	110524	24	4.0
U 140 4.0	(Unimog)[OM364.982]	07.92-	111141	14 55					
		07.92-	113611	14 90		07.92-	110525	12	3.0
	[OM364.985]	05.93-	111141	14 55					
		05.93-	113611	14 90		05.93-	110525	12	3.0
U 1400 6.0	(Unimog)[OM357.912]	01.88- 04.00	111141	14 55		01.88- 04.00	110524	24	4.0
		01.88- 04.00	113920	28 35		01.88- 04.00	113979	24	4.0
		07.94- 04.00	112288	28 55		01.88- 04.00	110525	12	3.0
	[OM366.947]	01.88- 04.00	111141	14 55		01.88- 04.00	110524	24	4.0
		01.88- 04.00	113920	28 35		01.88- 04.00	113979	24	4.0
		07.94- 04.00	112288	28 55		01.88- 04.00	110525	12	3.0



	[OM366.948]	01.88-04.00	111141	14	55	01.88-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-04.00	113979	24	4.0	
		07.94-04.00	112288	28	55	01.88-04.00	110525	12	3.0	
	[OM366.955]	01.88-04.00	111141	14	55	01.88-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-04.00	113979	24	4.0	
		07.94-04.00	112288	28	55	01.88-04.00	110525	12	3.0	
	[OM366.956]	01.88-04.00	111141	14	55	01.88-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-04.00	113979	24	4.0	
		07.94-04.00	112288	28	55	01.88-04.00	110525	12	3.0	
U 1450 6.0	(Unimog)[OM357.912]	Eng. -371351	07.94-04.00	112288	28	55	07.94-04.00	113979	24	4.0
		Eng. 371352-	07.94-04.00	110895	28	55	07.94-	110524	24	4.0
	[OM366.947]	01.91-04.00	113920	28	35	01.88-01.91	110525	12	3.0	
		01.94-04.00	111141	14	55	01.91-04.00	110524	24	4.0	
	[OM366.948]	01.88-	111141	14	55	01.88-04.00	110525	12	3.0	
		01.88-04.00	113920	28	35	01.88-04.00	113979	24	4.0	
						01.88-04.00	110524	24	4.0	
	[OM366.955]	01.88-	111141	14	55	01.88-04.00	110525	12	3.0	
		01.88-04.00	113920	28	35	01.88-04.00	113979	24	4.0	
						01.88-04.00	110524	24	4.0	
	[OM366.956]	01.88-	111141	14	55	01.88-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-04.00	110525	12	3.0	
						01.88-04.00	113979	24	4.0	
U 1500 5.7	(Unimog)[OM353.958]	01.77-05.88	111141	14	55	01.77-05.88	110525	12	3.0	
U 1550 5.7	(Unimog)[OM353.958]	01.86-05.88	111141	14	55	04.86-05.88	110525	12	3.0	
	[OM353.961]	02.86-05.88	111141	14	55	02.86-05.88	110525	12	3.0	
	[OM353.995]	02.86-05.88	111141	14	55	02.86-05.88	110525	12	3.0	
U 1550 6.0	(Unimog)[OM356.955]	01.92-12.95	113920	28	35	01.92-04.00	113979	24	4.0	
		01.96-04.00	110895	28	55	01.92-04.00	110524	24	4.0	
	[OM356.956]	01.92-12.95	113920	28	35	01.92-04.00	113979	24	4.0	
		01.96-04.00	110895	28	55	01.92-04.00	110524	24	4.0	
	[OM356.980]	03.90-04.00	110895	28	55	03.90-04.00	110524	24	4.0	
		03.90-04.00	111141	14	55	03.90-04.00	110525	12	3.0	
		03.90-04.00	112288	28	55	03.90-04.00	113979	24	4.0	
	[OM356.997]	05.88-04.00	110895	28	55	05.88-04.00	110524	24	4.0	
		05.88-04.00	111141	14	55	05.88-04.00	110525	12	3.0	
		01.91-04.00	112288	28	55	05.88-04.00	113979	24	4.0	
	[OM357.924]	05.88-04.00	110895	28	55	05.88-04.00	110525	12	3.0	
		05.88-04.00	112288	28	55	05.88-04.00	113979	24	4.0	
						05.88-04.00	110524	24	4.0	
	[OM357.945]	03.90-04.00	110895	28	55	03.90-04.00	110525	12	3.0	
		03.90-04.00	111141	14	55	03.90-04.00	113979	24	4.0	
		03.90-04.00	112288	28	55	05.88-	116040	24	4.0	
						03.90-04.00	110524	24	4.0	
	[OM366.955]	05.88-04.00	111141	14	55	05.88-04.00	110525	12	3.0	
		05.88-04.00	113920	28	35	05.88-04.00	113979	24	4.0	
						05.88-04.00	110524	24	4.0	
	[OM366.956]	05.88-04.00	111141	14	55	05.88-04.00	110525	12	3.0	
		05.88-04.00	113920	28	35	05.88-04.00	113979	24	4.0	
						05.88-04.00	110524	24	4.0	
	[OM366.963]	01.92-	110895	28	55	01.92-	110524	24	4.0	
		01.92-	111141	14	55	01.92-	110525	12	3.0	
		01.92-04.00	113920	28	35	01.92-04.00	113979	24	4.0	
	[OM366.984]	05.88-04.00	110895	28	55	05.88-04.00	110525	12	3.0	
		05.88-04.00	112288	28	55	05.88-04.00	113979	24	4.0	
						05.88-04.00	110524	24	4.0	
U 1600 6.0	(Unimog)[OM356.956]	01.88-02.00	111141	14	55	01.91-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-01.91	110525	12	3.0	
	[OM356.980]	05.91-	110895	28	55	05.91-	110524	24	4.0	
		05.91-	111141	14	55	05.91-	110525	12	3.0	
		05.91-	112288	28	55	05.91-11.10	113979	24	4.0	
	[OM356.997]	11.92-	110895	28	55	11.92-	110524	24	4.0	
		11.92-	112288	28	55	11.92-	113979	24	4.0	
	[OM357.924]	11.92-	110895	28	55	11.92-	110524	24	4.0	
		11.92-	112288	28	55	11.92-	113979	24	4.0	
	[OM357.945]	11.92-	112288	28	55	05.91-	116040	24	4.0	
						05.91-	110524	24	4.0	
						05.91-	110525	12	3.0	
						05.91-11.10	113979	24	4.0	
	[OM366.949]	01.88-04.00	111141	14	55	01.91-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-01.91	110525	12	3.0	
	[OM366.984]	11.92-	110895	28	55	09.89-	110525	12	3.0	
		11.92-	112288	28	55	11.92-	113979	24	4.0	
U 1650 6.0	(Unimog)[OM356.956]	01.88-04.00	111141	14	55	01.91-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-01.91	110525	12	3.0	
	[OM356.980]	05.91-02.01	112288	28	55	05.91-02.01	113979	24	4.0	
		01.96-02.01	110895	28	55	05.91-02.01	110525	12	3.0	
						05.91-02.01	110524	24	4.0	
	[OM356.997]	09.89-02.01	112288	28	55	09.89-02.01	113979	24	4.0	
						09.89-02.01	110524	24	4.0	
	[OM357.924]	09.89-02.01	112288	28	55	01.88-02.01	113979	24	4.0	
						01.88-02.01	110524	24	4.0	
	[OM357.945]	01.88-02.01	112288	28	55	05.91-	116040	24	4.0	
	[OM366.948]	01.88-04.00	111141	14	55	01.91-04.00	110524	24	4.0	
		01.88-04.00	113920	28	35	01.88-01.91	110525	12	3.0	
	[OM366.949]	01.88-02.01	111141	14	55	01.91-04.00	110524	24	4.0	
		01.88-02.01	113920	28	35	01.88-01.91	110525	12	3.0	
	[OM366.984]	09.89-02.01	112288	28	55	09.89-02.01	113979	24	4.0	
						09.89-	110524	24	4.0	
U 1700 5.7	(Unimog)[OM353.959]	05.78-09.88	111141	14	55	05.78-09.88	110525	12	3.0	
						03.87-09.88	110524	24	4.0	
U 1700 6.0	(Unimog)[OM356.957]	09.88-02.01	110895	28	55	09.88-02.01	110524	24	4.0	
		09.88-02.01	111141	14	55	09.88-02.01	110525	12	3.0	
		09.88-02.01	113920	28	35	09.88-08.02	113979	24	4.0	
	[OM366.963]	09.88-02.01	110895	28	55	09.88-02.01	110524	24	4.0	
		09.88-02.01	111141	14	55	09.88-02.01	110525	12	3.0	
		09.88-02.01	113920	28	35	09.88-02.01	113979	24	4.0	

STARTERS & ALTERNATORS



Application list

MERCEDES-BENZ *Continued*

U 1750 6.0	(Unimog)[OM356.957]	09.88- 02.01	110895	28 55	09.88- 02.01	110524	24 4.0	
		09.88- 02.01	111141	14 55	09.88- 02.01	110525	12 3.0	
		09.88- 02.01	113920	28 35	09.88- 02.01	113979	24 4.0	
	[OM356.981]	05.91-	110895	28 55	09.88- 02.01	110524	24 4.0	
		05.91-	111141	14 55	09.88- 02.01	110525	12 3.0	
		05.91-	112288	28 55	09.88- 02.01	113979	24 4.0	
	[OM366.963]	09.88- 02.01	110895	28 55	09.88- 02.01	110524	24 4.0	
		09.88- 02.01	111141	14 55	09.88- 02.01	110525	12 3.0	
		09.88- 02.01	113920	28 35	09.88- 02.01	113979	24 4.0	
	U 1800 6.0	(Unimog)[OM356.998]	04.92-	110895	28 55	04.92-	110524	24 4.0
			04.92-	112288	28 55	04.92- 08.02	113979	24 4.0
	U 1850 6.0	(Unimog)[OM356.998]	04.92-	110895	28 55	04.92-	110524	24 4.0
		04.92-	112288	28 55	04.92- 08.02	113979	24 4.0	
U 2100 6.0	(Unimog)[OM356.997]	09.89- 02.01	110895	28 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	112288	28 55	09.89- 08.02	113979	24 4.0	
	[OM366.984]	09.89- 02.01	110895	28 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	112288	28 55	09.89- 02.01	113979	24 4.0	
U 2150 6.0	(Unimog)[OM356.980]	05.91- 08.02	110895	28 55	05.91- 08.02	110524	24 4.0	
		05.91- 08.02	111141	14 55	05.91- 08.02	110525	12 3.0	
		05.91- 08.02	112288	28 55	05.91- 08.02	113979	24 4.0	
	[OM356.997]	09.89- 02.01	110895	28 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	112288	28 55	09.89- 02.01	113979	24 4.0	
	[OM357.945]	05.91- 08.02	110895	28 55	05.91- 08.02	113979	24 4.0	
		05.91- 08.02	113920	28 35	09.89-	116040	24 4.0	
					05.91- 08.02	110524	24 4.0	
	[OM366.984]	09.89- 02.01	110895	28 55	09.89- 02.01	110524	24 4.0	
		09.89- 02.01	111141	14 55	09.89- 02.01	110525	12 3.0	
		09.89- 02.01	112288	28 55	09.89- 02.01	113979	24 4.0	
	U 2400 6.0	(Unimog)[OM356.980]	05.91-	110895	28 55	05.91- 08.02	113979	24 4.0
			05.91-	111141	14 55	05.91-	110525	12 3.0
			05.91-	112288	28 55	07.93-	116040	24 4.0
[OM357.945]		05.91- 08.02	110895	28 55	05.91- 08.02	113979	24 4.0	
		05.91- 08.02	113920	28 35	05.91-	110525	12 3.0	
		07.93- 08.02	112288	28 55	05.91-	116040	24 4.0	
U 2450 6.0	(Unimog)[OM356.980]	07.93- 08.02	110895	28 55	05.91- 08.02	110524	24 4.0	
		07.93- 08.02	111141	14 55	05.91- 08.02	110525	12 3.0	
		07.93- 08.02	112288	28 55	05.91- 08.02	113979	24 4.0	
	[OM357.945]	07.93- 08.02	110895	28 55	05.91- 08.02	110525	12 3.0	
		07.93- 08.02	111141	14 55	05.91- 08.02	113979	24 4.0	
		07.93- 08.02	112288	28 55	05.91-	116040	24 4.0	
U 300 4.2	(Unimog)[OM904.927]	03.00-	115557	28 100 A49	03.00-	115801	24 4.0	
		04.00-	112561	28 80				
		04.00-	113351	28 100	04.00-	111982	24 4.0	
		04.00-	113448	28 100	03.00-	114523	24 4.0	
		04.00-	115497	28 80 A49	03.00-	115514	24 4.0 A49	
	[OM904.928]	03.00-	115557	28 100 A49	03.00-	115801	24 4.0	
		04.00-	112561	28 80				
		04.00-	113351	28 100	04.00-	111982	24 4.0	
		04.00-	113448	28 100	03.00-	114523	24 4.0	
		04.00-	115497	28 80 A49	03.00-	115514	24 4.0 A49	
U 3000 4.2	(Unimog)[OM900.920]	09.02-	113351	28 100	09.02-	114523	24 4.0	
		09.02-	115497	28 80 A49	09.02-	115514	24 4.0 A49	
		09.02-	115557	28 100 A49	09.02-	115801	24 4.0	
	[OM904.952]	09.02-	113351	28 100	09.02-	111982	24 4.0	
		09.02-	113448	28 100	09.02-	114523	24 4.0	
		09.02-	115557	28 100	09.02-	115514	24 4.0 A49	
	[OM904.953]	09.02-	113351	28 100	09.02-	114523	24 4.0	
		09.02-	115497	28 80 A49	09.02-	115514	24 4.0 A49	
		09.02-	115557	28 100 A49	09.02-	115801	24 4.0	
U 400 4.2	(Unimog)[OM904.928]	03.00-	115557	28 100 A49	03.00-	115801	24 4.0	
		04.00-	112561	28 80				
		04.00-	113351	28 100	04.00-	111982	24 4.0	
		04.00-	113448	28 100	03.00-	114523	24 4.0	
		04.00-	115497	28 80 A49	03.00-	115514	24 4.0 A49	
	U 400 6.4	(Unimog)[OM906.935]	03.00-	115557	28 100 A49	03.00-	115801	24 4.0
			04.00-	112561	28 80			
			04.00-	113351	28 100	04.00-	111982	24 4.0
		[OM904.953]	09.02-	113351	28 100	09.02-	111982	24 4.0
			09.02-	115497	28 80 A49	09.02-	114523	24 4.0
			09.02-	115557	28 100 A49	09.02-	115514	24 4.0 A49
[OM904.953]	09.02-	113351	28 100	09.02-	114523	24 4.0		
	09.02-	115497	28 80 A49	09.02-	115514	24 4.0 A49		
	09.02-	115557	28 100 A49	09.02-	115801	24 4.0		
U 4000 4.2	(Unimog)[OM904.952]	09.02-	113351	28 100	09.02-	111982	24 4.0	
		09.02-	115497	28 80 A49	09.02-	114523	24 4.0	
		09.02-	115557	28 100 A49	09.02-	115514	24 4.0 A49	
U 4000 4.8	(Unimog)[OM924.923]	09.02-	115497	28 80 A49	09.02-	115514	24 4.0 A49	
					09.02-	114523	24 4.0	
U 45 2.2	(Unimog)[OM615.911]				01.66- 04.71	110368	12 2.3	
U 500 6.4	(Unimog)[OM906.935]	10.00-	115557	28 100 A49	10.00-	115801	24 4.0	
		02.01-	112561	28 80				
		02.01-	113351	28 100	02.01-	111982	24 4.0	
		02.01-	113448	28 100	10.00-	114523	24 4.0	
		02.01-	115497	28 80 A49	02.01-	115514	24 4.0 A49	
	[OM906.955]	02.01-	112561	28 80	02.01-	111982	24 4.0	
		02.01-	113448	28 100	10.00-	114523	24 4.0	
					02.01-	115514	24 4.0 A49	
					10.00-	115801	24 4.0	



	[OM906.967]	10.00- 10.00-	112561 113448	28 80 28 100		10.00- 10.00- 10.00- 10.00-	115514 115801 111982 114523	24 4.0 24 4.0 24 4.0 24 4.0	A49
U 500	[OM906]	01.01-	114395						
U 5000 4.8	(Unimog)[OM924.916]	03.03-	112561	28 80		09.02- 03.03- 09.02- 03.03-	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0	A49
	[OM924.923]	09.02-	112561	28 80		09.02- 09.02- 09.02- 09.02-	115801 111982 114523 115514	24 4.0 24 4.0 24 4.0 24 4.0	A49
U 5000 6.4	(Unimog)[OM906.935]	11.02-	115497	28 80	A49	11.02- 11.02-	115514 114523	24 4.0 24 4.0	A49
U 52 2.4	(Unimog)[OM616.911]					01.77- 05.88	110368	12 2.3	
	[OM616.915]					01.77- 05.88	110368	12 2.3	
	[OM616.931]					01.77- 05.88	110368	12 2.3	
	[OM616.932]					01.77- 05.88	110368	12 2.3	
U 54 3.8	(Unimog)[OM314.916]	04.66- 03.72	111141	14 55		09.73- 12.76	110525	12 3.0	
U 60 2.4	(Unimog)[OM616.911]					01.77- 05.88	110368	12 2.3	
	[OM616.915]					01.77- 05.88	110368	12 2.3	
	[OM616.931]					01.77- 05.88	110368	12 2.3	
	[OM616.932]					01.77- 05.88	110368	12 2.3	
U 600 2.4	(Unimog)[OM616.911]	01.77- 05.88	112098	14 65		01.77- 05.88	110368	12 2.3	
	[OM616.915]	01.77- 05.88	112098	14 65		01.77- 05.88	110368	12 2.3	
	[OM616.931]	01.77- 05.88	112098	14 65		01.77- 05.88	110368	12 2.3	
	[OM616.932]	01.77- 05.88	112098	14 65		01.77- 05.88	110368	12 2.3	
	[OM616.942]	05.88- 02.01	112098	14 65		05.88- 02.01	110368	12 2.3	
	[OM616.943]	05.88- 02.01	112098	14 65		05.88- 02.01	110368	12 2.3	
U 650 2.4	(Unimog)[OM616.942]	05.88- 02.01	112098	14 65		05.88- 05.88- 02.01	112174 110368	24 3.2 12 2.3	
	[OM616.943]	05.88- 02.01	112098	14 65		05.88- 05.88- 02.01	112174 110368	24 3.2 12 2.3	
U 66 3.8	(Unimog)[OM314.917]					09.73- 12.75	110525	12 3.0	
U 72 3.8	(Unimog)[OM314.917]					01.76- 12.76	110525	12 3.0	
U 80 3.8	(Unimog)[OM314.917]					09.73- 01.77	110525	12 3.0	
U 80 5.7	(Unimog)[OM352.903]					05.66- 01.88	110525	12 3.0	
	[OM352.984]					09.73-	110525	12 3.0	
	[OM353.902]					09.73- 12.76	110525	12 3.0	
U 800 3.8	(Unimog)[OM314.917]	04.82- 03.90	112098	14 65		01.77- 03.90	116040	24 4.0	
U 84 5.7	(Unimog)[OM352.903]					05.69- 01.88	110525	12 3.0	
	[OM353.902]					09.73- 12.76	110525	12 3.0	
U 90 2.9	(Unimog)[OM602.981]	07.96-	111890	14 90		07.96-	111851	12 2.0	
	[OM602.989]	07.96-	111890	14 90		07.96-	111851	12 2.0	
U 90 5.7	(Unimog)[OM352.903]					05.66- 01.88	110525	12 3.0	
	[OM352.984]					09.73- 12.75	110525	12 3.0	
	[OM353.902]					05.69- 01.88	110525	12 3.0	
U 900 5.7	(Unimog)[OM353.902]	04.82- 02.01	112098	14 65					
	[OM353.940]	01.77- 05.88	112098	14 65					
U 900 6.0	(Unimog)[OM356.912]	11.88- 02.01	110766	28 27					
	[OM366.939]	11.88- 02.01	110766	28 27		11.88-	116040	24 4.0	
		11.88- 02.01	110766	28 27					
		11.88- 02.01	112098	14 65					
Various Models	(Hanomag)						116312	12 2.7	BO
							116139	12 3.0	A49
						01.80-	112670	24 4.0	
							111793	12 3.0	
						07.82-	111003	24 5.4	
						03.71- 02.74	110775	12 1.8	
						12.69- 12.73	110536	12 2.7	
						03.71- 02.74	110512	24 5.4	
						06.70- 02.74	110368	12 2.3	
						07.72- 06.73	110210	24 6.6	
							116320*	12 2.7	Bosch 11 teeth
							114003	12 5.0	
AGRICULTURE									
700 3.8	[OM314.956]	07.73- 12.75	111141	14 55		04.74- 12.75	110525	12 3.0	
	[OM314.957]					03.74- 12.75	110525	12 3.0	
700 4.0	[OM364.908]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
800 3.8	[OM314.957]	07.73- 12.75	111141	14 55		03.74- 12.75	110525	12 3.0	
800 4.0	[OM364.909]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
900 3.8	[OM314.970]	09.81- 12.82	111141	14 55		09.81- 12.82	110525	12 3.0	
900 4.0 Turbo	[OM364.951]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
1000 5.7	[OM353.985]	12.82- 03.87	111141	14 55		12.82- 03.87	110525	12 3.0	
1000 6.0	[OM366.908]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
	[OM366.912]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
1100 5.7	[OM353.949]	03.79- 03.87	111141	14 55		01.81- 03.87	110525	12 3.0	
1100 6.0	[OM366.908]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
	[OM366.912]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
1300 5.7	[OM353.957]	10.76- 03.87	111141	14 55					
1300 6.0	[OM366.958]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
	[OM366.977]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
1400 6.0	[OM366.958]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
	[OM366.977]	03.87- 12.91	111141	14 55		03.87- 12.91	110525	12 3.0	
1500 5.7	[OM353.976]	07.80- 03.87	111141	14 55		07.80- 03.87	110525	12 3.0	
1600 6.0	[OM366.954]	06.90- 12.91	111141	14 55		06.90- 12.91	110525	12 3.0	
65/70 3.8	[OM314.956]	07.73- 12.75	112098	14 65		03.74- 12.75	110525	12 3.0	
MOTOR									
Engine 11.0	[421]					02.86-	110539	12 3.6	
Engine 3.8	[314]					04.71- 12.88	110512	24 5.4	
Engine 9.6	[401..]					05.94-	110539	12 3.6	



Application list

Mercuriser										
MARINE										
Various Models 2.5		01.73- 01.76	111250	14	42	DR				
Various Models 3.0		01.90- 01.95	110959	14	55	Mando type	01.98-	112239	12	1.4
		01.69- 01.79	111250	14	42	DR				
Various Models 4.3								110216	12	1.4
							01.96- 01.01	112239	12	1.4
Various Models 5.0		01.70- 01.77	111250	14	42	DR	01.87- 01.95	111786	12	1.7
							01.85- 01.90	111277	12	
							01.96-	111699	12	1.6
							01.73- 01.95	112232	12	2.4
							01.98- 01.01	112239	12	1.4
Various Models 5.7		01.69- 01.77	111250	14	42	DR	01.89- 01.98	111786	12	1.7
								110216	12	1.4
							01.87- 01.95	112233	12	
							01.75- 01.87	112232	12	2.4
							01.98- 01.01	112239	12	1.4
Various Models 5.8		01.73- 01.77	111250	14	42	DR	01.73- 01.77	112232	12	2.4
Various Models			114812	14	70			112897	12	1.7
								114402	12	2.3
Mercury										
MARINE										
4E-37							01.78-	114261	12	1.0
40EL36							01.78-	114261	12	1.0
55E							01.78-	114261	12	1.0
60EL							01.78-	114261	12	1.0
Various Models			111576	14	90					
			114172	14	65			115740	12	
			112477	28	25			111786	12	1.7
			110959	14	55					
			111710	14	65			114402	12	2.3
			113685	14	70		01.80- 01.01	112247	12	
							01.94- 01.01	112826	12	
							01.98- 01.01	112829	12	
							01.76- 01.97	110654	12	0.7
							01.88- 01.01	110648	12	0.7
							01.98- 01.01	113592	12	
							01.95- 01.00	113591	12	
							01.99- 01.01	112830	12	
								114675	12	0.6
							01.93- 01.00	112146	12	0.6
MG										
PASSENGER CARS EU										
1300 MK 1.3							09.67- 09.70	111102	12	0.8
Express 1.4	[14K4F]	03.03- 05.05	111756	14	65		03.03- 05.05	113346	12	0.8
		03.03- 05.05	112414	14	85					
Express 1.8	[18K4F]	03.03- 05.05	111756	14	65		03.03- 05.05	113281	12	1.1
		03.03- 05.05	112414	14	85					
Express 2.0 Diesel	[20T2N]	03.03- 05.05	114386	14	90		03.03- 05.05	113361	12	1.7
Maestro 1.6 1600	[16H]	03.83- 09.84	111086	14	65					
Maestro 2.0		10.84- 09.90	110770	14	55					
Maestro 2.0 Turbo		10.88- 09.90	110770	14	55					
Magnette 1.6							01.64- 09.68	111103	12	0.8
Metro 1.3 1300		01.85- 09.90	111289	14	70		05.82- 01.87	111102	12	0.8
		05.82- 09.90	111185	14	43	A47				
Metro 1.3 Turbo		10.82- 09.90	111289	14	70		10.82- 09.90	111102	12	0.8
MG ZR 2.0 TD	[20T2N]	12.02- 12.05	114386	14	90					
MGB 1.8		01.69- 12.80	110178	14	36					
MGB 1.8 GT		01.69- 11.80	110178	14	36					
MGF 1.6	[16K4F]	02.00- 03.02	112414	14	85		02.00- 03.02	113281	12	1.1
MGF 1.8 i 16V	[18K4F]	03.95-	112202	14	85		10.95- 03.02	113281	12	1.1
		10.95- 03.02	112414	14	85					
MGF 1.8 i VVC	[18K4K]	03.95-	112202	14	85	Chas. YD 522573-	10.95- 03.02	113281	12	1.1
MGF 1.8 i WC	[18K4K]	AT 03.01- 03.02	112414	14	85	Chas. YD522573-	03.01- 03.02	113281	12	1.1
Midget 1.1							01.64- 12.66	111103	12	0.8
Midget 1.3							01.67- 09.74	111103	12	0.8
Midget 1.5		01.73- 12.79	110178	14	36		09.74- 12.79	111103	12	0.8
Montego 2.0		04.84- 09.90	111362	14	55					
		AC 04.84- 09.90	111355	14	65					
		04.84- 09.90	110968	14	70					
Montego 2.0 Turbo	[20HT]	10.84- 09.90	110968	14	70					
		10.84- 09.90	111362	14	55					
		AC 10.84- 09.90	111355	14	65					
RV8 3.9		09.92-	110891	14	70	A47				
TF 1.6 115	[16K4F]	03.02-	112414	14	85					
TF 1.8	[18K4K]	AT 03.02-	112414	14	85	Chas. YD522573-	03.02-	113281	12	1.1
TF 1.8 120	[18K4F]	03.02-	112414	14	85	Chas. YD 522573-	03.02-	113281	12	1.1
TF 1.8 135	[18K4F]	03.02-	112414	14	85	Chas. YD 522573-	03.02-	113281	12	1.1
ZR 2.0 TD	[20T2N]	06.01- 05.05	114386	14	90		06.01-	113361	12	1.7
ZR 105 1.4	[14K4F]	06.01-	112414	14	85		06.01-	113346	12	0.8
ZR 120 1.8	[18K4F]	06.01-	112414	14	85	Chas. YD 471565 -	10.01-	113281	12	1.1
ZR 160 1.8	[18K4K]	06.01- 03.02	112414	14	85	Chas. YD522573-	06.01- 03.02	113281	12	1.1
ZS 2.0 TD	[20T2N]	01.04- 05.05	114386	14	90		01.04-	113361	12	1.7
ZS 120 1.8	[18K4F]	07.01-	112414	14	85		02.00-	113281	12	1.1
ZS 180 2.5	[25 K4F]	07.01-	115864	14	90		07.01- 05.05	113281	12	1.1
ZT 1.8 16V	[18K4F]						01.03-	114502	12	1.2
ZT 2.0 CDTi	[204D2]	10.01- 05.05	112472	14	100		06.02- 09.03	113965	12	2.0
	[M47R (204D2)]	11.02-	112462	14	120		11.02-	113965	12	2.0
		11.02-	112472	14	100					
ZT 160 2.5	[25K4F]	06.01-	115864	14	90		06.01-	115950	12	2.0
ZT 190 2.5	[25K4F]	06.01-	115864	14	90		06.01-	115950	12	2.0
ZT- T 2.0 CDTi	[M47R (204D2)]	11.02-	112462	14	120		11.02-	113965	12	2.0
		11.02-	112472	14	100					
ZT- T 2.5 160	[25K4F]						10.01-	115950	12	2.0
ZT- T 2.5 190	[25K4F]						10.01-	115950	12	2.0
ZT-T 1.8 16V	[18K4F]						01.03-	114502	12	1.2
ZT-T 1.8 T 16V	[18K4G]						01.03-	114502	12	1.2



Model	Code	Start	End	Power	Capacity	Start	End	Code	Power
ZT-T 2.0 CDTi	[204D2]	10.01-	05.05	112472	14 100	06.02-	09.03	113965	12 2.0
Mini									
PASSENGER CARS EU									
Cooper 1.2	[B38A12A]					03.16-		116371*	12 1.5
Cooper 1.5	[B36A15A]					10.16-		116371*	12 1.5
	[B38A15A]					11.15-		115999	12 1.4
Cooper 1.5 Clubman	[B38A15A]					10.14-		116371*	12 1.5
	[B38A15A]					07.15-		115999	12 1.4
Cooper 1.6	[N12B16A]	03.10-		114771*	14 150	07.15-		116371*	12 1.5
	[N14B16C]	09.11-		114771*	14 150	07.15-		116371*	12 1.5
	[N14B16C]	09.11-		114811	14 120 A49	09.11-		114692	12 1.7
	[N14B16C]	09.11-		116311	14 120	09.11-		113960	12 0.9
	[N16B16A]	03.09-		114771*	14 150	03.09-		113960	12 0.9
	[N16B16A]	03.09-		114771*	14 150	A25 03.10-		114692	12 1.7
	[N16B16A]	03.09-		114771*	14 150	03.10-		113690	12 1.0
	[W10B16A]	06.01-		114080	14 120	06.01-		113286	12 0.9
	[W10B16A]	06.01-		114147	14 105	AT 06.01-	11.06	114295	12 0.9
	[W10B16A]	06.01-		114200	14 100				
[W10B16A]	06.01-		115658	14 110					
Cooper 1.6 Clubman	[N12B16A]	10.07-		114771*	14 150	10.07-		114692	12 1.7
	[N12B16A]	10.07-		114771*	14 150	A25 10.07-		113960	12 0.9
	[N14B16A]	10.07-		114811	14 120 A49	A25 10.07-		114692	12 1.7
	[N14B16A]	10.07-		116311	14 120	10.07-		113960	12 0.9
Cooper 1.6 Countryman	[N16B16A]	10.07-		114771*	14 150	10.07-		114692	12 1.7
	[N16B16A]	10.07-		114771*	14 150	A25 10.07-		113960	12 0.9
Cooper 1.6 Countryman 4x4	[N16B16A]	06.10-		114771*	14 150	06.10-		113960	12 0.9
	[N16B16A]	06.10-		114771*	14 150	A25 06.10-		114692	12 1.7
Cooper 1.6 Countryman 4x4	[N18B16A]	06.10-		114771*	14 150	A25 06.10-		114692	12 1.7
	[N18B16A]	06.10-		114771*	14 150	11.14-		113960	12 0.9
Cooper 1.6 Countryman 4x4	[N18B16A]	06.10-		114771*	14 150	11.14-		114692	12 1.7
	[N18B16A]	06.10-		114771*	14 150	A25 06.10-		114692	12 1.7
Cooper 1.6 Countryman 4x4	[N18B16A]	06.10-		114771*	14 150	11.14-		113960	12 0.9
	[N18B16A]	06.10-		114771*	14 150	11.14-		114692	12 1.7
Cooper 1.6 Paceman	[N16B16A]	05.13-		114771*	14 150	04.12-		113960	12 0.9
	[N16B16A]	05.13-		114771*	14 150	05.13-		114692	12 1.7
Cooper 1.6 Paceman 4x4	[N16B16A]	07.14-		114771*	14 150	07.14-		114692	12 1.7
	[N16B16A]	07.14-		114771*	14 150	07.14-		113960	12 0.9
Cooper 1.6 Paceman 4x4	[N18B16A]	07.14-		114771*	14 150	11.14-		113960	12 0.9
	[N18B16A]	07.14-		114771*	14 150	11.14-		114692	12 1.7
Cooper 1.6 Roadster	[N16B16A]	02.12-		114771*	14 150	02.12-		113960	12 0.9
Cooper 1.6 Roadster John Cooper Work	[N14B16C]	02.12-		114771*	14 150	02.12-		113960	12 0.9
Cooper 1.6 S 4X4 Countryman	[N18B16A]	07.14-		114771*	14 150	07.14-		114692	12 1.7
Cooper 1.6 S 4X4 Countryman	[N18B16A]	07.14-		114771*	14 150	07.14-		113960	12 0.9
Cooper 1.6 S 4X4 Paceman	[N18B16A]	07.14-		114771*	14 150	07.14-		114692	12 1.7
Cooper 1.6 S 4X4 Paceman	[N18B16A]	07.14-		114771*	14 150	07.14-		113960	12 0.9
Cooper 1.6 S Paceman	[N18B16A]	07.14-		114771*	14 150	07.14-		114692	12 1.7
Cooper 1.6 S Paceman	[N18B16A]	07.14-		114771*	14 150	07.14-		113960	12 0.9
Cooper 1.6 SD Countryman	[N18B16A]	07.14-		114771*	14 150	07.14-		114692	12 1.7
Cooper 1.6 SD Countryman	[N18B16A]	07.14-		114771*	14 150	07.14-		113960	12 0.9
Cooper 1.6 Diesel	[9HZ (DV6TED4)]	03.07-		114844	14 145	03.07-		114849	12 1.7
	[9HZ (DV6TED4)]	03.07-		114844	14 145	A25 03.07-		113933	12 1.5
	[N47C16A]	06.10-		115834	14 150	06.10-		115997	12 1.4
	[W16D16]	03.07-		114844	14 145	03.07-		114849	12 1.7
Cooper 1.6 Diesel Clubman	[9HZ (DV6ATED4)]	03.07-		114844	14 145	03.07-		113933	12 1.5
	[9HZ (DV6ATED4)]	03.07-		114844	14 145	A25 10.07-		114849	12 1.7
Cooper 1.6 Diesel Clubman	[9HZ (DV6ATED4)]	03.07-		114844	14 145	10.07-		113933	12 1.5
	[9HZ (DV6ATED4)]	03.07-		114844	14 145	03.10-		115997	12 1.4
Cooper 1.6 Diesel Countryman	[N47C16A]	03.10-		115834	14 150	03.10-		115997	12 1.4
Cooper 1.6 Diesel Countryman	[N47C16A]	06.10-		115834	14 150	06.10-		115997	12 1.4
Cooper 2.0 SD	[B48A20A]					10.14-		116371*	12 1.5
Cooper 2.0 SD	[B47C20A]					06.14-		116371*	12 1.5
Cooper SD 2.0 Diesel	[N47C20A]	09.11-		115834	14 150	09.11-		115997	12 1.4
Cooper D 1.5 Diesel	[B37C15A]					11.15-		116371*	12 1.5
Cooper D 1.6 Diesel	[N47C16A]	12.12-		115834	14 150	12.12-		115997	12 1.4
Cooper D 1.6 Diesel 4x4 Paceman	[N47C16A]	09.12-		115834	14 150	09.12-		115997	12 1.4
Cooper D 1.6 Diesel Paceman	[N47C16A]	09.12-		115834	14 150	09.12-		115997	12 1.4
Cooper D 2.0 Cooper Works	[B48A20B]					03.15-		115999	12 1.4
Cooper D 2.0 Cooper Works	[B48A20B]					03.15-		116371*	12 1.5
Cooper D 2.0 Diesel	[N47C20A]	02.11-		115834	14 150	02.11-		115997	12 1.4
Cooper D 2.0 Diesel 4x4	[N47C20A]	02.11-		115834	14 150	02.11-		115997	12 1.4
Cooper D 2.0 Diesel 4x4 Paceman	[N47C20A]	09.12-		115834	14 150				
Cooper D 2.0 Diesel Clubvan	[N47C20A]	12.12-		115834	14 150				
Cooper D 2.0 Diesel Paceman	[N47C20A]	09.12-		115834	14 150	09.12-		115997	12 1.4
Cooper S 1.6	[B48A20A]					04.13-		115999	12 1.4
	[B48A20A]					04.13-		116371*	12 1.5
	[N14B16A]					A25 10.06-		114692	12 1.7
	[N14B16A]					10.06-		113960	12 0.9
	[N18B16A]	09.11-		114771*	14 150	A25 03.10-		114692	12 1.7
Cooper S 1.6	[N18B16A]	01.12-		114811	14 120 A49	03.10-		113960	12 0.9
	[N18B16A]	01.12-		116311	14 120				
[W11B16A]	03.02-		114258	14 105	AT 03.02-	11.06	114295	12 0.9	
Cooper S 1.6 4x4	[B48A20A]					07.04-		113286	12 0.9
Cooper S 1.6 4x4	[B48A20A]					04.15-		115999	12 1.4
	[B48A20A]					04.15-		116371*	12 1.5
Cooper S 1.6 4x4 Paceman	[N18B16A]					04.12-		113960	12 0.9
Cooper S 1.6 Clubman	[N18B16A]					A25 03.10-		114692	12 1.7
	[N18B16A]					03.10-		113960	12 0.9
Cooper S 1.6 Countryman	[N18B16A]	09.12-		114771*	14 150	06.10-		113960	12 0.9
Cooper S 1.6 Countryman	[N18B16A]	09.12-		114771*	14 150	02.12-		114692	12 1.7
Cooper S 1.6 Paceman	[N18B16A]					04.12-		113960	12 0.9
Cooper S 1.6 Roadster	[N18B16A]	02.12-		114771*	14 150	02.12-		114692	12 1.7
Cooper S 1.6 Roadster	[N18B16A]	02.12-		114771*	14 150	02.12-		113960	12 0.9
Cooper S 2.0	[B48A20A]					11.15-		115999	12 1.4
Cooper S 2.0	[B48A20A]					12.13-		116371*	12 1.5
Cooper S 2.0 4x4	[B48A20A]					01.16-		116371*	12 1.5

STARTERS & ALTERNATORS



Application list

MINI Continued

Cooper S 2.0 4x4 Clubman						11.14-	116371*	12	1.5
						11.14-	115999	12	1.4
Cooper S 2.0 Clubman	[B48A20A]					07.15-	116371*	12	1.5
Cooper S 2.0 JCW	[B46A20A]					04.13-	115999	12	1.4
	[B48A20A]					04.13-	116371*	12	1.5
						04.13-	115999	12	1.4
						04.13-	116371*	12	1.5
Cooper SD 2.0 4x4 Paceman	[N47C20A]	10.12-	115834	14	150	10.12-	115997	12	1.4
Cooper SD 2.0 Paceman	[N47C20A]	10.12-	115834	14	150	10.12-	115997	12	1.4
Cooper SD 2.0 Diesel	[N47C20A]	01.10- 10.16	115834	14	150	A25 01.10- 10.16	115997	12	1.4
Cooper SD 2.0 Diesel 4x4	[N47C20A]	02.11-	115834	14	150	02.11-	115997	12	1.4
Cooper SD 2.0 Diesel Clubman	[N47C20A]	02.11-	115834	14	150	02.11-	115997	12	1.4
Cooper SD 2.0 Diesel Countryman	[N47C20A]	02.11-	115834	14	150	A25 02.11-	115997	12	1.4
Cooper SD 2.0 Diesel Roadster	[N47C20A]	02.12-	115834	14	150	02.12-	115997	12	1.4
John Cooper Works 1.6	[B48A20B]					11.15-	115999	12	1.4
	[N14B16C]					11.15-	116371*	12	1.5
						03.08-	113960	12	0.9
John Cooper Works 1.6 Paceman	[N18B16C]					09.12-	113960	12	0.9
John Cooper Works 2.0	[B48A20B]					03.16-	116371*	12	1.5
Mini 1.5	[B38A15A]					12.13-	116371*	12	1.5
Mini 1.6	[N18B16B]					09.12-	113960	12	0.9
	[W11B16A]	11.03-	114258	14	105	AT 11.03- 11.06	114295	12	0.9
						11.03-	113286	12	0.9
Mini Works 1.6	[W11B16A]	11.03-	114258	14	105	AT 11.03-	114295	12	0.9
						11.03-	113286	12	0.9
One 1.2	[B38A12A]					03.14-	116371*	12	1.5
One 1.4	[N12B14A]					A25 03.07-	114692	12	1.7
						03.07-	113960	12	0.9
One 1.4 Clubman	[N12B14A]					A25 03.10-	114692	12	1.7
One 1.4 i	[B14A]	04.03- 10.06	114147	14	105	04.03- 10.06	113286	12	0.9
		04.03- 10.06	114200	14	100	AT 04.03- 10.06	114295	12	0.9
One 1.4 Diesel	[1ND]	06.03- 09.05	113970	14	100	06.03-	114071	12	2.0
	[1ND-TV]	06.03-	113970	14	100	06.03-	114071	12	2.0
One 1.5 Clubman	[B38A15A]					11.15-	115999	12	1.4
						11.15-	116371*	12	1.5
One 1.6	[N16B16A]	03.10-	114771*	14	150	A25 03.10-	114692	12	1.7
	[W10B16A]	06.01-	114147	14	105	03.10-	113960	12	0.9
		06.01-	114200	14	100	06.01-	113286	12	0.9
		06.01-	115658	14	110	AT 06.01- 11.06	114295	12	0.9
		07.04-	114080	14	120				
One 1.6 Clubman	[N16B16A]					A25 03.10-	114692	12	1.7
						03.10-	113960	12	0.9
One 1.6 Countryman	[N16B16A]					A25 06.10-	114692	12	1.7
						06.10-	113960	12	0.9
One 1.6 Diesel	[9HZ (DV6TED4)]					A25 06.09-	114849	12	1.7
						06.09-	113933	12	1.5
	[N47C16A]	07.10-	115834	14	150				
One 1.6 Diesel Clubman	[N47C16A]	03.10-	115834	14	150	03.10-	115997	12	1.4
One 1.6 Diesel Countryman	[N47C16A]	06.10-	115834	14	150	06.10-	115997	12	1.4
One First 1.2 First	[B38A12A]					03.15-	115999	12	1.4
						03.15-	116371*	12	1.5
Mitsubishi									
PASSENGER CARS EU									
3000 GT 3.0 i 24V	[Z16A][6G72]	06.92-	111406	14	110	06.92-	111241	12	1.2
ASX 1.6	[GA_W_][4A92]	05.10-	116153	14	95	05.10-	115774	12	1.1
	[GA1W][4A92]	06.10-	116153	14	95	06.10-	115774	12	1.1
ASX 1.8	[4B10]	02.10-	115760	14	120	02.10-	115448	12	1.4
ASX 1.8 Di-D	[GA6W][4N13]	06.10-	116030	14	130				
ASX 1.8 Di-D 4WD	[GA_W_][4N13]	06.10-	116030	14	130				
	[GA6W][4N13]	06.10-	116030	14	130				
ASX 1.8 Di-D 4x4	[GA6W][4N13]	06.10-	116030	14	130				
ASX 2.0 i	[4B11]	06.10-	115760	14	120	06.10-	115448	12	1.4
ASX 2.0 i 4WD	[4B11]	06.10-	115760	14	120	06.10-	115448	12	1.4
Carisma 1.3 16V	[DA_]	09.00- 10.04	112418	14	90	09.00- 10.04	111508	12	1.2
Carisma 1.6	[DA1A][4G92]	12.98- 06.06	113832	14	90	AT 12.98-	113040	12	0.9
	[4G92]	07.95- 06.06	113832	14	90	AT 07.95- 06.06	113040	12	0.9
						07.95-	111508	12	1.2
						05.97-	111971	12	1.2
Carisma 1.8	[4G93]	07.95- 06.06	113832	14	90	AT 05.95-	113040	12	0.9
						05.95-	111508	12	1.2
						05.97-	111971	12	1.2
Carisma 1.8 16V	[4G93]	07.95- 06.06	113832	14	90	AT 05.95-	113040	12	0.9
						05.95-	111508	12	1.2
						05.97-	111971	12	1.2
Carisma 1.8 GDi 16V	[DA_][4G93]	09.97-	112327	14	100				
		09.97-	112328	14	85				
	[4G93]	09.97-	112327	14	100	09.97-	111971	12	1.2
		09.97-	112328	14	85				
Carisma 1.8 GDi	[DA_][4G93]	10.00-	112327	14	100				
						10.00-	111971	12	1.2
						10.00-	113040	12	0.9
Carisma 1.9 TD	[F80T]					10.96-	112295	12	1.7
Celeste 1.6	[A72][4G32]					01.77- 06.81	110158	12	1.2
Celeste 2.0	[A78][4G52]	10.75- 06.81	110318	14	50	10.75- 01.79	110157	12	1.0
Challenger 3.5	[K90][6G74 (SOHC 24V)]	09.09-	115927	14	125				
Colt 1.1	[3A91]	10.04- 06.12	115441	14	85	10.04-	114108	12	0.9
Colt 1.1 BiFuel	[Z3_Z2_][3A91]					10.04-	114108	12	0.9
Colt 1.2	[A151A][4G11]					01.75- 01.78	110157	12	1.0
						12.78- 01.84	110158	12	1.2
	[A15A][4G16]					02.84- 09.86	110158	12	1.2
	[C15A][4G16]					09.86- 04.88	110158	12	1.2
Colt 1.3	[C1_A][G13B]					06.86- 04.88	110158	12	1.2
	[C5_A][4G13]	04.88- 12.90	110659	14	75	04.88- 12.90	110315	12	0.9
	[C51A][4G13]	04.88- 05.92	110659	14	75	04.88- 05.92	110315	12	0.9
	[Z21W][4A90]					10.04-	115774	12	1.1
	[4A90]					06.04-	114108	12	0.9



Colt 1.3 1300	(CJ1A)[4G13]					09.00-07.05	111971	12	1.2
						09.00-07.05	113040	12	0.9
Colt 1.3 GLX	[4G13]					05.96-	113040	12	0.9
Colt 1.3 12V	(C51A)[4G13]	07.90-05.92	110659	14	75	07.90-05.92	110315	12	0.9
	(CA1A)[4G13]					04.92-	110315	12	0.9
Colt 1.3 BiFuel	(Z3_, Z2_)[4A90]	06.04-06.12	115441	14	85	06.04-	114108	12	0.9
Colt 1.4	(A152A)[4G12]					05.79-10.83	110157	12	1.0
						07.80-10.83	110158	12	1.2
Colt 1.4 Turbo	(A152A)[4G12T]					09.81-01.84	110479	12	0.9
Colt 1.5	(C12A)[4G15]					09.84-04.88	110315	12	0.9
	[G15B]					09.85-04.88	110315	12	0.9
	(C52A)[4G15]	04.88-05.92	110659	14	75	04.88-05.92	110315	12	0.9
	[4A91]	06.04-	115441	14	85	06.04-	114108	12	0.9
Colt 1.5 CZC	[4A91]	05.06-	115441	14	85	05.06-	114108	12	0.9
Colt 1.5 CZT	[4G15T]					03.05-	114108	12	0.9
Colt 1.5 16V 1500	(CJ2A)[4G15]					11.95-	113040	12	0.9
Colt 1.5 Turbo CZC	[4G15T]					05.06-	114108	12	0.9
Colt 1.5 Di-D	[OM639.939]	08.04-	114406	14	115	08.04-	114183	12	1.8
Colt 1.6 1600	(CJ1A)[4G92]	09.00-06.03	112328	14	85	09.00-06.03	113040	12	0.9
Colt 1.6 1600 GLX	[4G92]	05.96-	112328	14	85	05.96-	113040	12	0.9
						A13 05.96-	111971	12	1.2
Colt 1.6 16V	(CA4A)[4G92]	04.92-	111375	14	75	12.91-05.92	110158	12	1.2
Colt 1.6 GTi 16V	(C53A)[4G61]	04.88-05.90	110802	14	75	04.88-05.90	110315	12	0.9
Colt 1.6 Turbo	(C13A)[4G32T/C]					02.84-04.88	110479	12	0.9
Colt 1.6 Turbo Eci	(C13A)[G32BT]					07.86-04.88	110479	12	0.9
Colt 1.8 16V	(CA5A)[4G93]	04.92-	111375	14	75				
Colt 1.8 GTi 16V	(C58A)[4G67]	06.90-05.92	110802	14	75	06.90-05.92	110811	12	1.2
						12.91-05.92	110158	12	1.2
						01.90-06.92	110315	12	0.9
Colt 1.8 Diesel	(C54A)[4D65]					04.88-05.92	110809	12	2.0
						04.88-05.92	111912	12	2.2
Colt 2.0 Diesel	(CAB)[4D68]	07.92-	111587	14	75	07.92-	110809	12	2.0
Cordia 1.6	(A212A)[4G32]					10.82-07.84	110158	12	1.2
Cordia 1.6 Turbo	(A212A)[4G32T]					09.82-05.85	110158	12	1.2
Cordia 1.8	(A215A)[4G37]					10.86-12.86	110158	12	1.2
Cordia 1.8 Turbo	(A213A)[4G62T]					10.84-12.86	110158	12	1.2
Delica 2.0	[4G63(SOHC16V)]	09.95-10.02	114432	14	100	09.95-10.02	110315	12	0.9
		09.95-10.02	114461	14	75	09.95-10.02	110811	12	1.2
						12.95-	110811	12	1.2
Eclipse 2.0 16V GS	[4G63]					04.91-11.95	110811	12	1.2
Eclipse 2.0 i 16V	(D22A)[4G63]	04.91-02.94	110804	14	90				
Eclipse 2.0 i 16V 4WD	[4G63]	04.91-02.94	110804	14	90				
						04.91-11.95	110811	12	1.2
Eclipse 2000 2.0 16V GT	[4G63]	12.95-	110804	14	90	12.95-	110811	12	1.2
Galant 1.6	(A11A)[4G32]					06.84-12.87	110315	12	0.9
	(A12_) [4G32]					01.71-01.77	110157	12	1.0
						01.77-08.80	110158	12	1.2
						01.77-08.80	110315	12	0.9
	(A161A)[4G32]					09.80-05.84	110158	12	1.2
						09.80-05.84	110315	12	0.9
	(A161V)[4G32]					09.80-05.84	110158	12	1.2
						09.80-05.84	110315	12	0.9
Galant 1.6 GL	(A121V)[4G32]					01.79-08.80	110158	12	1.2
						01.79-08.80	110315	12	0.9
Galant 1.8	(E32A)[4G37]					11.87-10.92	110315	12	0.9
						01.90-10.92	110811	12	1.2
	(E52A)[4G93]	05.92-	111375	14	75	AT 05.92-	110958	12	0.9
Galant 1.8 TD	(E14A)[4D65T]					06.84-12.87	111461	12	2.2
	(E34A)[4D65T]	11.88-10.92	111339	14	65	12.87-10.92	110809	12	2.0
Galant 2.0	(A12_) [4G52]	01.77-08.80	110318	14	50	01.77-08.80	110158	12	1.2
						01.71-01.77	110157	12	1.0
	(A163)[4G63]	09.80-05.84	110318	14	50	09.80-05.84	110158	12	1.2
	(A163V)[4G63]	09.80-06.83	110318	14	50	09.80-06.83	110158	12	1.2
	(E15A)[4G63]					06.84-12.87	110315	12	0.9
						06.84-12.87	110811	12	1.2
	[G63B]					06.86-12.87	110315	12	0.9
						06.86-12.87	110811	12	1.2
	(E33A)[4G63]	11.87-10.92	110802	14	75	11.87-10.92	110315	12	0.9
		04.89-10.92	110804	14	90	11.87-10.92	110811	12	1.2
	(E55A)[4G63]					11.92-	110315	12	0.9
						11.92-	110811	12	1.2
Galant 2.0 4WD	(E38A)[4G63]	12.88-10.92	110802	14	75	12.88-10.92	110315	12	0.9
		12.88-10.92	110804	14	90	12.88-10.92	110811	12	1.2
	(E39A)[4G63]	04.89-10.92	110802	14	75	04.89-10.92	110315	12	0.9
		04.89-10.92	110804	14	90	04.89-10.92	110811	12	1.2
	(E75A)[4G63]					11.92-	110315	12	0.9
						11.92-	110811	12	1.2
Galant 2.0 GLX	(A123V)[4G52]	01.79-08.80	110318	14	50	01.79-08.80	110158	12	1.2
Galant 2.0 16V	(E33A)[4G63]	11.87-10.92	110802	14	75	11.87-10.92	110315	12	0.9
		11.89-10.92	110804	14	90	11.87-10.92	110811	12	1.2
	(EA_) [4G63]					09.00-10.04	113638	12	1.4
	(EA2A)[4G63]	09.96-	112328	14	85	09.96-09.00	113638	12	1.4
	(EA2W)[4G63]	09.96-	112328	14	85	09.96-09.00	113638	12	1.4
	(ES2W)[4G63]					09.00-10.03	113638	12	1.4
Galant 2.0 16V 4WD	(E3_A)[4G63]	06.88-10.92	110802	14	75	06.88-10.92	110315	12	0.9
		11.89-10.92	110804	14	90	06.88-10.92	110811	12	1.2
Galant 2.0 GTi 16V	(E3_A)[4G63]	11.87-10.92	110802	14	75	A13 11.87-10.92	110811	12	1.2
						11.87-10.92	110315	12	0.9
Galant 2.0 GTi 16V 4WD	[4G63]	07.89-12.92	110802	14	75	07.89-12.92	110315	12	0.9
		11.89-12.92	110804	14	90	07.89-12.92	110811	12	1.2
Galant 2.0 Turbo	(A164)[4G63T]					05.82-05.84	110158	12	1.2
	(E15A)[4G63T]					06.84-05.85	110158	12	1.2
						06.84-05.85	110315	12	0.9
Galant 2.0 TD	(E57A)[4D68]					11.92-	110809	12	2.0
						11.92-08.96	111912	12	2.2
Galant 2.0 TDi	(EA6A)[4D68]					09.96-10.04	113445	12	2.2
	[4D68T]					09.96-10.04	113445	12	2.2
	(EA6W)[4D68]					09.96-	110809	12	2.0

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

mitsubishi Continued

Galant 2.3 TD	(A167)[4D55T]	11.81- 05.84	110805	14 45		09.80- 05.84	111912	12 2.2
					A13	09.80- 05.84	111461	12 2.2
						09.80- 05.84	110809	12 2.0
	(A167V)[4D55T]	07.83- 05.84	110805	14 45		07.83- 05.84	111912	12 2.2
					A13	07.83- 05.84	111461	12 2.2
						07.83- 05.84	110809	12 2.0
Galant 2.4	(E16A)[G64B]					06.86- 12.87	110811	12 1.2
Galant 2.4 GDI	(EA3A)[4G64]	AC 02.99-	112327	14 100				
		AC 09.00- 10.04	112327	14 100 ▲				
	(EA3W)[4G64]	AC 02.99-	112327	14 100				
		AC 09.00- 10.03	112327	14 100 ▲				
Galant 2.5 V6 24V	(E88A)[6G73]					11.92-	111241	12 1.2
Gallopier 2.5 Diesel Intercooler	[D4BH]	02.99-	113519	14 90		08.98-	111565	12 2.2
Gallopier 2.5 TD	(JK-01)[D4BF]	02.99-	113519	14 90		02.99-	111565	12 2.2
Gallopier 3.0 V6	[G6AT]					02.99-	111565	12 2.2
Grandis 2.0 Di-D	(NA8W)[BSY]	09.05-	113884	14 150		09.05-	114217	12 2.0
	[BWC]	02.07-	113884	14 150		02.07-	114217	12 2.0
L 200 2.0	[4G63]					AT 01.96- 06.01	110811	12 1.2
						01.96- 06.01	110315	12 0.9
						01.96-	110811	12 1.2
L 200 2.4 4WD	[4G64]							
L 200 2.5 Di-D	(KB_T, KA_T)[4D56HP]	08.07-	114229	14 120				
		08.07-	115477	14 90		08.07-	111912	12 2.2
	[4D56HP]	10.07-	114229	14 120				
		10.07-	115477	14 90		10.07-	111912	12 2.2
L 200 2.5 Di-D 4WD	(KB4T)[4D56HP]	05.06-	114229	14 120				
		05.06-	115477	14 90		05.06-	111912	12 2.2
	(KJ_, KK_, KL_)[4D56(16V)]					01.15-	112370	12 2.2
L 200 2.5 Di-D 4x4	(KB4T)[4D56HP]	04.10-	115477	14 90				
L 200 2.5 Di-D RWD	(KA4T)[4D56HP]	04.10-	115477	14 90				
L 200 2.5 Diesel	(K14T)[4D56]	11.86- 08.96	110805	14 45		11.86- 08.96	110809	12 2.0
		11.86- 08.96	110806	14 65		A13 11.86- 08.96	111461	12 2.2
	[4D56]	01.96-	111594	14 75 VP				
		01.96-	112128	14 75 VP				
		01.96-	112205	14 90 VP				
		06.96-	112355	14 80		06.96-	111912	12 2.2
L 200 2.5 Diesel 4WD	(K24, 34T)[4D56]	12.87- 05.93	110805	14 45		12.87- 05.93	110809	12 2.0
		12.87- 05.93	110806	14 65		A13 12.87- 05.93	111461	12 2.2
L 200 2.5 TD 4WD	(K6_T)[4D56T]	08.03-	111594	14 75				
		08.03-	112128	14 75				
	(K74T)[4D56T]	01.96-	111594	14 75				
		01.96-	112128	14 75				
		01.96-	112355	14 80				
	[4D56]	11.01-	111594	14 75				
		11.01-	112128	14 75				
		11.01-	112205	14 90		11.01-	111912	12 2.2
	[4D56T]	11.92- 08.96	110805	14 45		11.92- 08.96	110809	12 2.0
		11.92- 08.96	110806	14 65		A13 11.92- 08.96	111461	12 2.2
	[4D56TD]	01.96-	111594	14 75				
		01.96-	112128	14 75				
		01.96-	112205	14 90				
		06.96-	112355	14 80		06.96-	111912	12 2.2
L 200 2.6 4WD	[G54B]					11.89- 05.95	110811	12 1.2
L 300 1.6	(L)[4G32]					04.83-	110158	12 1.2
	(L030PW)[4G32]					11.84- 02.87	110158	12 1.2
	(L032P)[4G32]					05.80- 10.86	110158	12 1.2
	(PO2V, P12V)[4G32]					11.86-	110158	12 1.2
	(R12V, PO2V)[4G32]					11.86-	110158	12 1.2
L 300 1.8 4WD	(L03_P)[4G62]	08.84- 11.86	110318	14 50		08.84- 02.87	110315	12 0.9
L 300 2.0	(PO_W, P1_W, P2_W)[4G63]	07.96-	114461	14 75		07.96- 08.97	110811	12 1.2
						07.96- 08.97	110315	12 0.9
	(PO3V, 2W, 13V)[4G63]					11.86-	110315	12 0.9
						11.86-	110811	12 1.2
	(PO3V, P13V)[G63B]					11.86-	110315	12 0.9
						11.86-	110811	12 1.2
	(PO3W)[G63B]					11.86-	110315	12 0.9
						11.86-	110811	12 1.2
	[4G63]	07.94-	114432	14 100		06.94- 04.00	110315	12 0.9
L 300 2.0 4WD	(L030PW)[4G63]					11.86- 02.87	110811	12 1.2
	(P23V_W)[4G63]					12.86-	110811	12 1.2
	(P23W)[4G63]					11.86-	110811	12 1.2
L 300 2.3 Diesel	(I030P)[4D55]	09.83- 10.86	110805	14 45		09.83- 10.86	110809	12 2.0
	(L038P)[4D55]	04.83- 10.86	110805	14 45		04.83- 10.86	110809	12 2.0
L 300 2.4	(P04V, W, 14V)[4G64]					11.90-	110315	12 0.9
						11.90-	110811	12 1.2
L 300 2.4 4WD	(P24V_W)[G64B]					11.86-	110315	12 0.9
						01.91-	110811	12 1.2
L 300 2.4 8V 4WD	(P24V_W)[4G64]					11.90-	110315	12 0.9
						11.90-	110811	12 1.2
L 300 2.5 Diesel V8	(P05V, W, 15V)[4D56]	11.86- 10.88	110806	14 65		11.86-	110809	12 2.0
		11.88- 05.94	111339	14 65		11.86-	111912	12 2.2
L 300 2.5 Diesel	(P05W, 05U, 15V)[4D56]	06.94- 08.96	111872	14 65				
	(P15T)[4D56T]	11.94-	112065	14 65		11.94-	111912	12 2.2
	(P05V, P05W, P15V)[4D56]	11.86- 10.88	110806	14 65		11.86-	110809	12 2.0
		11.88- 05.94	111339	14 65		11.86-	111912	12 2.2
	[4D56]	11.86-	110806	14 65				
		11.86-	111240	14 50		11.86- 04.94	110809	12 2.0
		11.86- 04.94	111339	14 65		11.86- 04.94	111912	12 2.2
L 300 2.5 TD 4WD	(P25V, P25W, P45V)[4D56T]	11.88- 11.91	111339	14 65		11.88-	110809	12 2.0
		11.88-	111594	14 75		11.88-	111912	12 2.2
L 400 2.0	(PA0V)[4G63]	06.96- 03.01	114432	14 100				
		06.96- 03.01	114461	14 75		06.96- 03.01	110811	12 1.2
L 400 2.5 TD 2500	(PA5V)[4D56T]	A13 01.96-	112355	14 80		09.96-	111912	12 2.2
		A13 12.94- 12.95	112065	14 65				
		A13 01.96-	111594	14 75				
		A13 01.96-	112128	14 75				



	(PA5W)[4D56T]	A13 01.96-	112355	14 80		06.96-	111912	12 2.2
		A13 12.94- 12.95	112065	14 65				
		A13 01.96-	111594	14 75				
		A13 01.96-	112128	14 75				
L 400 2.5 TD 2500 4WD	(PAOV)[4D56T]	10.95-	112065	14 65		09.96-	111912	12 2.2
Lancer 1.2	(A171)[4G11]					AT 01.80- 12.81	110157	12 1.0
						01.80- 12.81	110158	12 1.2
	(A7_) [4G36]					AT 01.78- 09.79	110157	12 1.0
						01.78- 09.79	110158	12 1.2
	(C15AS)[4G16]					01.84- 10.86	110158	12 1.2
	(C65A)[4G16]					08.86- 04.88	110158	12 1.2
Lancer 1.3	(C6_A)[4G13]	04.88- 05.92	110659	14 75		04.88- 05.92	110315	12 0.9
	(C61A)[4G13]	08.88- 05.92	110659	14 75		08.88- 05.92	110315	12 0.9
	(CB1A)[4G13]					06.92-	110315	12 0.9
Lancer 1.3 12V	(C61A)[4G13]	01.91- 05.94	110659	14 75		01.91- 05.94	110315	12 0.9
Lancer 1.3 12V GL GLX	[4G13]					12.95- 06.99	113040	12 0.9
Lancer 1.3 16V	(CS_A)[4G13]					09.03-	111971	12 1.2
Lancer 1.4	(A172)[4G12]					AT 09.79- 02.83	110157	12 1.0
						09.79- 02.83	110158	12 1.2
	(A7_) [4G33]					AT 01.78- 09.79	110157	12 1.0
						01.78- 09.79	110158	12 1.2
	(A7_K)[4G33]					AT 01.78- 09.79	110157	12 1.0
						01.78- 09.79	110158	12 1.2
Lancer 1.5	(C12AS)[4G15]					11.83- 04.88	110158	12 1.2
	[G15B]					06.85- 04.88	110158	12 1.2
	(C12V)[4G15]	09.88- 12.90	110659	14 75		09.85- 12.87	110158	12 1.2
						09.88- 12.90	110315	12 0.9
	[G15B]					09.85- 08.89	110158	12 1.2
	(C6_A,C7_A)[4G15]	06.88- 05.92	110659	14 75		A13 06.88- 05.92	110315	12 0.9
						06.88- 05.92	110158	12 1.2
	(C62A)[4G15]	04.88- 05.92	110659	14 75		AT 06.90- 05.92	110958	12 0.9
						AT 04.88- 05.90	110315	12 0.9
						04.88- 05.92	110315	12 0.9
	[4A91]					06.08-	114108	12 0.9
						06.08-	115774	12 1.1
Lancer 1.5 12V	(C12V)[4G15]	09.90- 12.91	110659	14 75		09.90- 12.91	110315	12 0.9
	(C62A)[4G15]	05.89- 05.92	110659	14 75		AT 06.90- 05.92	110958	12 0.9
						AT 05.89- 05.90	110315	12 0.9
						05.89- 05.92	110315	12 0.9
Lancer 1.5 16V	(CJ2A)[4G15]					AT 12.95- 09.00	113040	12 0.9
Lancer 1.5 BiFuel	(CY/Z_A)[4A91]					02.10-	114108	12 0.9
						02.10-	115774	12 1.1
Lancer 1.5 BiFuel Sportsback	(CX_A)[4A91]					03.10-	114108	12 0.9
						03.10-	115774	12 1.1
Lancer 1.6	(A174)[4G32GS]					03.79- 02.83	110158	12 1.2
	(A7_) [4G32GS]		110318	14 50		01.78- 09.79	110315	12 0.9
						01.78- 09.79	110158	12 1.2
	(C66A)[4G92]	06.92- 05.94	111375	14 75		06.92- 05.94	110315	12 0.9
	(CB/D_A)[4G92]	02.94- 12.96	111375	14 75		02.94- 12.96	110958	12 0.9
	(CB4A)[4G92]	06.92-	111375	14 75				
	(CS_A)[4G18]					09.03-	111971	12 1.2
	(CS_W)[4G18]					09.03-	111971	12 1.2
	(CY/Z_A)[4A92]	05.10-	116153	14 95		05.10-	115774	12 1.1
Lancer 1.6 Sportsback	(CX_A)[4A92]	05.10-	116153	14 95		05.10-	115774	12 1.1
Lancer 1.6 16V	(CJ4A)[4G92]	12.95-	112328	14 85		12.95-	113040	12 0.9
						12.95-	111971	12 1.2
Lancer 1.6 16V 4WD	[4G92]	06.92-	111375	14 75				
Lancer 1.6 16V 4WD GLXi	[4G92]	12.92-	111375	14 75				
Lancer 1.6 16V GLXi	[4G92]	12.92-	111375	14 75				
Lancer 1.8	(CY/Z_A)[4B10]	05.10-	115760	14 120		05.10-	115448	12 1.4
	[4B10]	02.08-	115760	14 120		02.08-	115448	12 1.4
Lancer 1.8 4WD	(C37V)[4G37]					A13 06.90- 05.92	110315	12 0.9
						06.90- 05.92	110158	12 1.2
						01.87- 12.90	110315	12 0.9
	(C77A)[4G37]					09.89- 06.92	110315	12 0.9
	[G37B]					01.87- 08.89	110315	12 0.9
Lancer 1.8 Sportsback	(CX_A)[4B10]	05.10-	115760	14 120		05.10-	115448	12 1.4
Lancer 1.8 GTi 16V	(C68A)[4G67]	11.89- 05.92	110802	14 75				
		11.89- 05.92	110804	14 90		11.89- 05.92	110811	12 1.2
Lancer 1.8 BiFuel	(CY/Z_A)[4B10]	02.10-	115760	14 120		02.10-	115448	12 1.4
Lancer 1.8 BiFuel Sportsback	(CX_A)[4B10]	02.10-	115760	14 120		02.10-	115448	12 1.4
Lancer 1.8 Flexfuel	(CY/Z_A)[4B10]	03.09-	115760	14 120		03.09-	115448	12 1.4
Lancer 1.8 Flexfuel Flex Sportback	(CX_A)[4B10]	03.09-	115760	14 120		03.09-	115448	12 1.4
Lancer 1.8 Di-D	(CY/Z_A)[4N13]	05.10-	116030	14 130				
Lancer 1.8 Di-D Sportsback	(CX_A)[4N13]	05.10-	116030	14 130				
Lancer 1.8 Diesel	(C14V)[4D65]					08.86- 06.92	111912	12 2.2
	(C64A)[4D65]					04.88- 05.92	111461	12 2.2
						04.88- 05.92	111912	12 2.2
Lancer 2.0	(CS_A)[4G63]	12.03-	115348	14 100				
		12.03-	115975	14 110		12.03-	115359	12 1.2
Lancer 2.0 EVO X	(CY/Z_A)[4B11T/C]	06.08-	115760	14 120		06.08-	115448	12 1.4
Lancer 2.0 Ralliart	(CY/Z_A)[4B11T/C]	10.08-	115760	14 120		10.08-	115448	12 1.4
Lancer 2.0 Sportsback Ralliart	(CX_A)[4B11T/C]	10.08-	115760	14 120				
Lancer 2.0 16V	(CS_W)[4G63]	09.03- 12.07	115348	14 100				
		09.03- 12.07	115975	14 110		09.03- 12.07	115359	12 1.2
Lancer 2.0 Di-D	(CY/Z_A)[BKD]					01.08-	114217	12 2.0
	[BWC]					01.08-	114217	12 2.0
	(CY8A)[BKD]					06.08-	114217	12 2.0
	[BWC]					06.08-	114217	12 2.0
Lancer 2.0 Diesel	(CB8A)[4D68]	06.92-	111587	14 75		06.92-	110809	12 2.0
Lancer 2.0 Diesel GLX	(CB_W, CD_W)[4D68]					12.92-	110809	12 2.0
Lancer F 1.2	(A171)[4G11]					AT 03.83- 01.84	110157	12 1.0
						03.83- 01.84	110158	12 1.2
Lancer F 1.4	(A172)[4G12]					AT 03.83- 01.84	110157	12 1.0
						03.83- 01.84	110158	12 1.2

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Lancer F 1.4 Turbo	(A17_)[4G12T]					AT 03.83- 01.84	110157	12	1.0
						03.83- 01.84	110158	12	1.2
Outlander 2.0	(CW4W)[4B11]	11.06- 11.12	115760	14	120	11.06-	115448	12	1.4
Outlander 2.0 4WD	(CW_W)[4B11]	11.06- 11.12	115760	14	120	11.06-	115448	12	1.4
	[4G63]	05.03-	115348	14	100	05.03-	114488	12	1.2
		05.03-	115975	14	110	05.03-	115359	12	1.2
	[4G63 (DOHC16V)]	05.03- 10.06	115348	14	100	05.03- 10.06	114488	12	1.2
		05.03- 10.06	115975	14	110	05.03- 10.06	115359	12	1.2
Outlander 2.0 16V	(CU2W)[4G63]	05.03- 10.06	115348	14	100				
		05.03- 10.06	115975	14	110	05.03-	115359	12	1.2
Outlander 2.0 i 16V 4WD	(CU2W)[4G63]	05.03-	115348	14	100				
		05.03-	115975	14	110	05.03-	115359	12	1.2
Outlander 2.0 Turbo 16V 4WD	(CU2W)[4G63]	04.04-	115348	14	100				
		04.04-	115975	14	110	04.04-	114488	12	1.2
Outlander 2.0 Di-D	(CW8W)[BSY]					02.07-	114217	12	2.0
Outlander 2.2 Di-D	(CW1W)[4N14]	11.06- 11.12	116030	14	130				
	(CW7W)[4HK]	08.07-	115369	14	150	08.07-	114854	12	2.5
						08.07-	114460	12	1.4
	[4HN]	08.07-	115369	14	150				
Outlander 2.2 Di-D 4WD	(CW_) [4N14]	09.10-	116030	14	130				
	(CW1W)[4N14]	11.06- 11.12	116030	14	130				
Outlander 2.4	[4B12]	11.06- 11.12	115760	14	120	11.06-	115448	12	1.4
Outlander 2.4 4WD	(GG_W, GF_W, ZJ)					10.12-	115448	12	1.4
	[4G64(SOHC16V)]	05.03-	113782	14	110	05.03-	115359	12	1.2
	[4G69]	05.03-	113782	14	110	05.03-	115359	12	1.2
Outlander 2.4 Mivec	(CW5W)[4B12]	09.07- 11.12	115760	14	120	09.07-	115448	12	1.4
Outlander 2.4 Flexfuel	(CW_W)[4B12]	09.07- 11.12	115760	14	120	09.07-	115448	12	1.4
Pajero 1.8 Pinin	[4G93]	09.01-	112328	14	85	11.01-	111971	12	1.2
		11.01-	112327	14	100				
Pajero 1.8 GDi	(V2_W, V4_W)[4G93]	06.98-	112327	14	100				
		06.98- 04.00	112328	14	85	06.98-	111971	12	1.2
Pajero 1.8 GDi Pinin	(H6_W, H7_W)[4G93]	06.00-	112328	14	85	10.99-	111971	12	1.2
		08.99- 06.00	112327	14	100				
Pajero 2.0 GDi Pinin	(H67W/H77W)[4G94]	10.00-	112327	14	100	10.00-	111971	12	1.2
Pajero 2.3 TD	(L043G)[4D55T]	12.82- 04.86	110805	14	45	12.82- 04.86	111912	12	2.2
						A13 12.82- 04.86	111461	12	2.2
						12.82- 04.86	110809	12	2.0
	[L048G][4D55]	12.82- 04.86	110805	14	45	12.82- 04.86	110809	12	2.0
Pajero 2.4	(V2_W, V4_W)[4G64]					04.91-	110315	12	0.9
Pajero 2.5 TD	(L044G)[4D56T]	05.86- 12.90	110806	14	65	05.86- 11.90	111912	12	2.2
		05.86- 12.90	111240	14	50	11.89- 12.91	111476	12	2.0
		05.86- 12.91	111339	14	65	A13 11.89- 12.91	111565	12	2.2
						AT 01.90- 12.91	111461	12	2.2
						05.86- 10.89	110809	12	2.0
	(L049G)[4D56T]	05.86- 06.91	110806	14	65				
		05.86- 06.91	111240	14	50	05.86- 11.90	111912	12	2.2
		05.86- 12.91	111339	14	65	05.86- 06.91	110809	12	2.0
	(V24C, W)[4D56TD]	12.90- 10.93	111238	14	75	VP			
		12.90- 10.93	111339	14	65				
		12.90- 10.93	112129	14	90	12.90-	111476	12	2.0
		11.93-	111594	14	75	12.90-	110809	12	2.0
		11.93-	112128	14	75	AT 12.90- 04.00	111461	12	2.2
		11.93-	112205	14	90	A13 12.90-	111565	12	2.2
Pajero 2.5 TD Classic	(V2_W)[4D56]	AC 07.02-	112355	14	80				
		AC 07.02-	114187	14	105				
Pajero 2.5 TD Sport	(K9_)[4D56T]	AC 07.02-	112355	14	80	08.98-	113445	12	2.2
		AC 08.98- 08.99	112128	14	75				
		AC 08.99-	112355	14	80				
Pajero 2.5 TDi	(V60)[4D56T]	04.00- 06.00	111594	14	75				
		04.00-	112128	14	75	09.01-	113445	12	2.2
		09.01-	112355	14	80				
		09.01-	114187	14	105				
	(V7_W, V60, V6_W, V70)[4D56T]					04.00- 12.06	113445	12	2.2
Pajero 2.6	(L042G)[4G54]	01.83- 06.86	110318	14	50	05.86- 11.90	110811	12	1.2
						01.83- 11.90	110315	12	0.9
	(L047G)[4G54]	12.82- 06.91	110318	14	50	A13 12.82- 06.91	110811	12	1.2
						12.82- 06.91	110315	12	0.9
Pajero 2.8 TD	(V46W)[4M40-T]	06.94-	111956	14	75	06.94-	112370	12	2.2
		06.96-	111626	14	90				
Pajero 3.0 24V	(V2_W, V4_W)[6G72]	06.94-	111806	14	90	06.94-	111241	12	1.2
Pajero 3.0 V6 24V	(V2_W, V4_W)[6G72]	06.97- 04.00	111806	14	90				
		06.97- 04.00	112362	14	100	06.97- 04.00	111241	12	1.2
Pajero 3.0 V6	(C23C, W, 43W)[6G72]					12.90-	111241	12	1.2
	[6G72(SOHC12V)]					12.90-	111241	12	1.2
	[L141G][6G72 (DOHC24V)]					11.88- 11.90	111241	12	1.2
	[L146G][6G72(SOHC12V)]					11.88- 06.91	111241	12	1.2
Pajero 3.0 V6 Sport	(K9_)[6G72]	08.98-	111806	14	90	AT 11.98-	116250	12	1.2
						08.98-	111241	12	1.2
	(K90)[6G72]	03.03-	111806	14	90	AT 03.03-	116250	12	1.2
						03.03-	111241	12	1.2
Pajero 3.2 Di-D	(V60)[4M41]	AC 10.01-	113321	14	125				
		AC 04.00- 10.01	113321	14	125	02.00- 10.01	112370	12	2.2
	(V8_W, V9_W)					02.07-	112370	12	2.2
		02.07-	115926	14	120				
	(V80)[4M41]	02.07-	115926	14	120				
	(V90, V80)[4M41]	11.06-	115926	14	120				
Pajero 3.2 Di-D 4x4	(V88, V98)[4M41]	01.09-	115926	14	120				
	(V90, V80, V8_V)					02.07-	112370	12	2.2
		02.07-	115926	14	120				
Pajero 3.2 TD 4x4	(V90, V80)[4M41]	01.10-	115926	14	120				
Pajero 3.5 4x4	(V60, V70)[6G74(DOHC24V)]	04.00- 01.07	115927	14	125	04.00- 01.07	116250	12	1.2
Pajero 3.5 GDi	(V60)[6G74]					04.00-	111241	12	1.2
						04.00- 12.06	116250	12	1.2
Pajero 3.5 V6 24V	(V2_W, V4_W)[6G74]	06.97-	112362	14	100	07.97-	111241	12	1.2
		07.97-	111806	14	90				
	(V25W, V45W)[6G74 (SOHC 24V)]	06.94- 10.99	111806	14	90				
		06.94- 10.99	112362	14	100	06.94- 10.99	111241	12	1.2



	[6G74(DOHC24V)]	11.93- 06.94-	111806 112362	14 90 14 100				
Pajero 3.8 V6	(V80)[6G75] (V87W, V97W)[6G75]					11.93- 02.07- 02.10-	111241 116250 116250	12 1.2 12 1.2 12 1.2
Pajero Sport Van 3.0 V6	(K90)[6G72 (DOHC24V)]	12.99- 01.08	111806	14 90		AT 12.99- 01.08 12.99- 01.08	116250 111241	12 1.2 12 1.2
Pajero/Shogun 3.2 Diesel 4WD	(V8_W, V9_W)					10.16-	115774	12 1.1
Santamo 2.0 16V	[4G63]					05.99-	110315	12 0.9
Santamo 2.0 16V 4x4	[4G63]					05.99-	110315	12 0.9
Sapporo 1.6	(A121)[4G32] (A161A)[4G32]					04.78- 07.80 08.80- 09.84	110158 110158	12 1.2 12 1.2
Sapporo 2.0	(A123)[4G52] (A161A)[4G63]	04.78- 07.80 08.80- 09.84	110318 110318	14 50 14 50		04.78- 07.80 08.80- 09.84	110158 110158	12 1.2 12 1.2
Sapporo 2.0 Turbo	(A164)[4G63T]					08.82- 08.83	110158	12 1.2
Sapporo 2.4	(E16A)[4G64]	06.87- 08.90	110659	14 75		06.87- 08.90	110811	12 1.2
Shogun 2.5 TD	(P25W)[4D56]	06.86- 11.88 11.88- 12.96	110806 111339	14 65 14 65		01.88- 01.91 01.88-	110809 111461	12 2.0 12 2.2
Sigma 3.0 i 24V	(F16A)[6G72]	12.90- 07.96	111406	14 110		12.90- 07.96	111241	12 1.2
Sigma 3.0 i V6	(F16A)[6G72(SOHC12V)]	12.90-	111406	14 110		12.90- 07.96	111241	12 1.2
Sigma 3.0 V6	(F07W)[6G72(SOHC12V)]					01.93- 07.96	111241	12 1.2
Space Gear 2.0 16V L400	(PA3V/W)[4G63]	05.95- 05.00	114461	14 75		AT 12.94- 08.96 12.94- 08.96	110811 110315	12 1.2 12 0.9
Space Gear 2.4 i 16V 4WD	(PA4W)[4G64]	05.95- 05.00	114432	14 100		12.94- 08.96	110811	12 1.2
Space Gear 2.5 Diesel		05.95- 05.00	112205	14 90		A13 05.95- 05.00	111912	12 2.2
Space Gear 2.5 TD	(PA5W)[4D56TD]					05.95- 05.00	111912	12 2.2
Space Gear 2.5 TD 4WD	(PA5W)[4D56TD]					05.95- 05.00	111912	12 2.2
Space Gear 2.8 Diesel 4WD	[4M40-T]					01.94- 12.06	112370	12 2.2
Space Runner 1.8	(N11W)[4G93] [4G93]	06.93- 07.93- 05.99	111375 111375	14 75 14 75		06.91- 05.92 AT 06.91- 05.99 06.91- 05.99	110315 110958 110158	12 0.9 12 0.9 12 1.2
Space Runner 1.8 4WD	(N21W)[4G93] [4G93]	06.93- 07.93- 05.99	111375 111375	14 75 14 75		06.91- 05.92 A13 06.91- 05.92	110315 110158	12 0.9 12 1.2
Space Runner 2.0	(N6_W)[4G63 (SOHC16V)]	05.00- 08.02	112327	14 100		05.00- 08.02	113638	12 1.4
Space Runner 2.0 16V	(N50)[4G63] [4G63]	05.99- 08.02 05.99- 08.02	112327 112327	14 100 14 100		06.97- 08.99 05.96-	113638 110809	12 1.4 12 2.0
Space Runner 2.0 TD GLX	[4D68T]	10.92-	111587	14 75		10.92- 08.99 05.96-	111912 110809	12 2.2 12 2.0
Space Runner 2.4 GDI	(N6_W)[4G64 (GDI)] (N64W)[4G64]	08.99- 08.02 05.99- 08.02	112327 112327	14 100 14 100		08.99- 08.99-	113638 113638	12 1.4 12 1.4
Space Star 1.3 16V	(DGO)[4G13] (DGO)[4G13]	09.00- AC 12.98-	112418 112418	14 90 14 90		09.00- 12.98-	111508 111508	12 1.2 12 1.2
	[4G13]	AC 06.98- AC 06.98-	112418 112418	14 90 14 90		06.98-	111508	12 1.2
Space Star 1.6 16V	(DGO)[4G18]	09.01-	112418	14 90		09.01-	111508	12 1.2
Space Star 1.8 GDI	(DGO)[4G93 (DOHC)] [4G93]					AT 10.02- 10.02-	113040 111508	12 0.9 12 1.2
	[4G93]	06.98- 06.98-	112327 112328	14 100 14 85		06.98-	111971	12 1.2
Space Star 1.8 GDI	(DGO)[4G93]	06.98- 06.98-	112327 112328	14 100 14 85		06.98-	111971	12 1.2
Space Star 1.9 Diesel Di	(DGO)[F901]	02.01-	112471	14 125		02.01-	112474	12 1.8
Space Wagon 1.8	(N31W)[4G93]					05.91- 05.91-	110158 110315	12 1.2 12 0.9
Space Wagon 1.8 4WD	(N41W)[4G93] [4G37]					05.91- 10.87- 05.91 10.87- 05.91	110158 110315 110811	12 1.2 12 0.9 12 1.2
Space Wagon 1.8 GLX	(D05V)[4G37]					01.84- 12.88 06.87- 12.88	110315 110811	12 0.9 12 1.2
Space Wagon 1.8 TD	(D09W)[4D65T] (N35W)[4D65T]					06.87- 04.91 05.91- 05.92 10.91- 10.98	110809 110809 111912	12 2.0 12 2.0 12 2.2
Space Wagon 2.0	(D04W)[4G63] [G63B]					06.88- 04.91 06.88- 04.91 06.86- 05.88 06.87- 05.88	110315 110811 110315 110811	12 0.9 12 1.2 12 0.9 12 1.2
Space Wagon 2.0 4WD	(D08W)[4G63] [G63B]	05.88-	110659	14 75		06.87- 04.91 03.85- 04.91 06.86- 05.88 06.87- 05.88	110811 110315 110315 110811	12 1.2 12 0.9 12 0.9 12 1.2
Space Wagon 2.0 GDI 16V	[4G63 (SOHC16V)]	04.02- 12.04	112327	14 100				
Space Wagon 2.0 TD	(N38W)[4D68T]	06.93-	111587	14 75		10.92- 10.98 06.92-	111912 110809	12 2.2 12 2.0
Space Wagon 2.4 GDI	(N84W)[4G64]	10.98-	112327	14 100 ▲		10.98-	113638	12 1.4
Space Wagon 2.4 GDI 4WD	(N94W)[4G64]	10.98-	112327	14 100 ▲		10.98-	113638	12 1.4
Space Wagon 2.4 i	(N3_W, N4_W)[4G64]					10.92- 10.98	110811	12 1.2
Space Wagon 2.4 GDI 16V 4WD	(N94W)[4G64]	07.98-	112327	14 100 ▲				
Space Wagon 2.4 GDI	(N84W)[4G64]	07.98-	112327	14 100 ▲		09.00-	113638	12 1.4
Starion 2.0 Turbo	(A183A)[4G63T/C] (A183E)[4G63T]					05.85- 05.88 06.82- 12.85	110158 110158	12 1.2 12 1.2
Starion 2.6 Turbo	(A187)[G54BT/C]					12.89- 06.90	110811	12 1.2
Tredia 1.4	(A211)[4G12]					10.82- 08.85	110315	12 0.9
Tredia 1.6	(A212)[4G32]					09.82- 11.87	110479	12 0.9
Tredia 1.6 Turbo	(A212)[4G32T]					09.82- 05.85	110479	12 0.9
Tredia 1.8	(A215)[4G37]					08.84- 11.87	110315	12 0.9
Tredia 1.8 Turbo	(A21_) [G62B]					A13 09.84- 09.85 09.84- 09.85	110315 110158	12 0.9 12 1.2
Tredia 2.0 GLXi 4WD	(A21_) [4G63 (SOHC8V)]					10.86- 03.88	110315	12 0.9
Triton 2.5 DI-D 4x4	(KA_T, KB_T)[4D56HP]	04.10- 04.10-	114229 115477	14 120 14 90				
						04.10-	111912	12 2.2
TRUCKS EU								
3C11 3.0	(FE7, FE8)[4M42-0AT] [4M42-3AT1]					08.06- 08.06-	115330 115330	12 2.2 12 2.2
3C13 3.0	(FE7, FE8)[4M42-0AT]	10.01-	111956	14 75		10.01-	115330	12 2.2
3C15 3.0	(FE7, FE8)[4M42-3AT4] [4P10-0AT3]					06.06- 11.10 08.05- 11.10	115330 112441	12 2.2 12 2.3

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6C18 3.0	(FE7, FE8)[4P10-0AT6]				08.05-	112441	12 2.3
	[4P10-T6]				08.05-	112441	12 2.3
Canter 211	(FE)[4D30A]	11.83- 01.93-	111344 113506	28 25 28 40	11.83- Only Canter FE211 01.50- 01.83	110576 113194	24 3.2 24 3.2
Canter 35 2.5 Diesel	[4D56]	01.90- 09.96 01.93- 09.96	110805 113506	14 45 28 40			
Canter 35 2.8 Diesel	[4M40-2AT]	07.98- 07.99- 10.00	113506 111956	28 40 14 75	01.86- 09.96 07.98-	111565 112370	12 2.2 12 2.2
	[4M40-A]	08.96- 12.99 07.99- 10.00	113506 111956	28 40 14 75	01.96-	112370	12 2.2
Canter 35 3.0 TD	[4M42-0AT]	09.01- 11.02-	113506 111956	28 40 14 75			
Canter 435	(FE)[4D32]	01.93-	113506	28 40			
Canter 444	(FE)[4D31]	11.83- 11.83- 01.93-	111344 112210 113506	28 25 28 30 28 40			
Canter 55 3.0 Diesel	[4M42-0AT]	11.00- 09.01-	111956 113506	14 75 28 40	09.01-	112370	12 2.2
Canter 60 3.3 TD	[4D31T]	01.92- 01.93-	112210 113506	28 30 28 40	01.92- 01.96	113195	24 3.2
Canter 60 3.9	[4D34-2AT6]		113506	28 40			
Canter 60 3.9 TD	[4D34-2AT4]		113506	28 40	08.96- 11.05-	113195 110576	24 3.2 24 3.2
Canter 75 3.9	[4D34-2AT6]		113506	28 40	09.01-	113195	24 3.2
Canter 75 3.9 TD	[4D34-2AT4]		113506	28 40	10.97-	113195	24 3.2
Canter 75 4.9 TD	[6D31-1AT2]	01.93- 12.97	113506	28 40			
Fuso 6.9	[6D15]				01.86- 01.91	113129	24 4.5
Fuso 305						114343	24 6.0
Fuso 310						114343	24 6.0
Fuso 320						114343	24 6.0
Fuso 355						114343	24 6.0
Fuso 8DC9						114343	24 6.0
Fuso MJ218	[6D17]	01.93-	114425	28 50			
Fuso MK219	[6D17]	01.93-	114425	28 50			
Fuso MK23H	[6M61]	01.93-	114425	28 50			
Fuso MK25H	[6M61]	01.93-	114425	28 50			
Fuso MK619	[6D17]	01.93-	114425	28 50			
Fuso MM319	[6D17]	01.93-	114425	28 50			
Fuso MM33H	[6M61]	01.93-	114425	28 50			
Fuso V8						114343	24 6.0
AGRICULTURE							
Various Models Tractors			111832	14 40		110210	24 6.6
FORK LIFTS							
C45L K2B K2C 0.7						114856	12 1.1
FD10			113212	28 20			
FD15			113212	28 20			
FD20		01.83-	113212	28 20		112323	24 5.0
					01.83- 01.91	111275	12 2.0
					01.83-	111913	24 3.2
FD23					01.83- 01.91	111275	12 2.0
FD25		01.83- 01.91	113212	28 20		112323	24 5.0
					01.83- 01.91	111275	12 2.0
FD28					01.83- 01.91	111275	12 2.0
FD30		01.83-	113212	28 20		112323	24 5.0
					01.83- 01.91	111275	12 2.0
FD35			113212	28 20		112323	24 5.0
FD35D Mitsubishi	[S6E/S6S]		114457	28 35		114169	24 5.0
FD35D2 Mitsubishi	[S6E/S6S]		114457	28 35		114169	24 5.0
FD35DS Mitsubishi	[S6E/S6S]					114169	24 5.0
FD38 Mitsubishi	[S6E/S6S]					114169	24 5.0
FD40D Mitsubishi	[S6E/S6S]		114457	28 35		114169	24 5.0
FD45D Mitsubishi	[S6E/S6S]		114457	28 35		114169	24 5.0
FD50C Mitsubishi	[S6E/S6S]		114457	28 35		114169	24 5.0
FD50D Mitsubishi	[S6E/S6S]		114457	28 35		114169	24 5.0
FDC20			113212	28 20			
FDC25			113212	28 20			
FG10					01.77- 01.79	110292	12 1.1
					01.90-	110572	12 1.2
FG18 1.4					01.90-	110572	12 1.2
FG20		01.80- 12.87	110138	14 40	01.90-	111272	12 2.2
		01.80- 12.87	110802	14 75	01.86- 12.87	110572	12 1.2
		01.80- 12.87	111042	14 35	01.90- 01.93	111108	12 1.2
		01.80- 12.87	110448	28 20	01.80- 12.87	113668	12 1.2
		01.80- 12.87	111495	14 40	01.80- 12.87	110292	12 1.1
FG25		01.80- 12.87	110318	14 50	01.80- 12.87	113668	12 1.2
		01.80- 12.87	110802	14 75	01.80- 12.87	110292	12 1.1
		01.80- 12.87	111042	14 35	01.80- 12.87	110182	12 0.9
		01.80- 12.87	110448	28 20	01.86- 12.87	110572	12 1.2
		01.80- 12.87	111495	14 40			
FG30 2.4		01.80- 12.87	111495	14 40			
		01.80- 12.87	110318	14 50	01.80- 12.87	110292	12 1.1
		01.80- 12.87	110802	14 75	01.86- 12.87	110572	12 1.2
		01.80- 12.87	111042	14 35			
		01.80- 12.87	110448	28 20			
Various Models 4.3	[GM Vortec]					115985	12 1.6
Various Models		01.83-	113212	28 20		113195	24 3.2
		01.83-	110448	28 20		110182	12 0.9
					01.88- 01.01	112178	12 1.6
						112323	24 5.0
						113668	12 1.2
						112185	12 1.2
						111272	12 2.2
						111108	12 1.2
MARINE							
Various Models			111832	14 40			
			114079	14 40		110947	12 2.0



MOTOR									
Engine	[6D22.]					01.87-	112342	24	5.5
						01.87- 01.99	113746	24	5.5
Various Models		111832	14	40					
Various Models							113141	12	0.8
MISCELLANEOUS									
Mini Loader							110947	12	2.0
Morris									
PASSENGER CARS EU									
Ital 1.3		07.80- 03.84	110178	14	36	07.80- 03.84	111103	12	0.8
Ital 1.7		07.80- 03.84	110178	14	36				
Ital 2.0		07.80- 03.84	111289	14	70				
Marina 1.3		04.70- 10.80	110178	14	36	04.70- 10.80	111103	12	0.8
Marina 1.3 1300		10.75- 10.80	110178	14	36	10.75- 10.80	111103	12	0.8
Marina 1.7		11.78- 06.80	110178	14	36				
Marina 1.8		04.71- 12.79	110178	14	36				
Marina 1.8 1800		03.75- 10.78	111185	14	43	A47			
		04.71- 10.75	110178	14	36				
Marina 1.8 1800 GT		03.75- 10.78	111185	14	43	A47			
Marina 1.8 TC		04.71- 12.75	110178	14	36				
Mosa									
INDUSTRI									
Various Models						07.92-	112172	12	1.6
						01.86-	112034	12	1.7
						04.92-	112497	12	1.4
Moto Guzzi									
MOTOR BIKES									
Various Models							113974	12	1.1 VA
Multicar									
PASSENGER CARS EU									
Various Models						M26, Iveco Engine	111693	12	2.5
TRUCKS EU									
M26 2.8 EcoLine ProfilLine	[8140.43R]	01.03-	112407	14	90	01.03-	112441	12	2.3
						01.03-	115505	12	2.3 A49
M26 2.8 TransLine	[8140.43R]	01.03-	112407	14	90	01.03-	112441	12	2.3
						01.03-	115505	12	2.3 A49
Mustang									
INDUSTRI									
980							113924	12	1.4
2066	[4TNV98T]						114874	12	3.0
2076	[4TNV98T]						114874	12	3.0
2086	[4TNV98T]						114874	12	3.0
930A							113924	12	1.4
MTL20 Skid Steer Loader	[4JG1]		115432	14	50				
V2700	[4TNV98T]						114874	12	3.0
Neoplan									
TRUCKS EU									
N 2216 10.5	[D2066LOH04]	06.06-	114528*	28	120				
		06.06-	115496	28	120	A49			
N 2216 SHD 12.0	[D2866LOH34]	11.03-	111842	28	140	11.03-	110210	24	6.6
		11.03-	113289	28	90	11.03-	110206	24	5.4
N 2216 SHD 12.8	[D2876LOH03]	01.03-	111842	28	140	11.03-	110210	24	6.6
		11.03-	113289	28	90	11.03-	110206	24	5.4
N 2216 SHDL 12.0	[D2866LOH34]	11.03-	111842	28	140	11.03-	110206	24	5.4
		11.03-	113289	28	90	11.03-	110210	24	6.6
N 2216 SHDL 12.8	[D2876LOH03]	11.03-	111842	28	140	11.03-	110206	24	5.4
		11.03-	113289	28	90	11.03-	110210	24	6.6
New Holland									
AGRICULTURE									
120 7.5		01.02- 12.07	114896	14	120				
130 7.5		01.02- 12.07	114896	14	120				
140 7.5		12.02-	114896	14	120				
165 7.5						10.01- 12.07	114447	12	3.0
175 7.5		01.03-	114896	14	120				
190 7.5		01.04-	114896	14	120				
840		02.01-	113898	14	185				
1020			115342	14	40				
1320	[3-77]	01.87- 01.98	113562	14	40	01.87- 01.98	112177	12	1.7
1520	[3-81]	01.87- 01.97	113562	14	40	01.87- 01.97	112177	12	1.7
1530	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1620	[3-81]	01.91- 01.97	113562	14	40	01.76- 01.79	112177	12	1.7
1630	[3-81]	01.96- 01.98	113562	14	40	01.97- 01.99	112177	12	1.7
1715	[3-81]	01.87- 01.97	113562	14	40	01.93- 01.97	112177	12	1.7
1720	[3-81]	01.87- 01.02	113562	14	40	01.87- 01.02	112177	12	1.7
1725	[3-81]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
1920	[4-122]	01.87- 01.02	113562	14	40				
1925	[3-91]	01.96- 01.98	113562	14	40	01.96- 01.98	112177	12	1.7
2100	[Caterpillar 3406]					01.85-	110462	12	2.8
						01.85- 01.90	112089	12	
						01.85-	116137	12	2.8 A49
2110 4-138	[Shibaura Diesel]						110462	12	2.8
							116137	12	2.8 A49
2115	[Caterpillar 3406]					01.87-	110462	12	2.8
						01.87- 01.96	112089	12	
						01.87-	116137	12	2.8 A49
2120	[4-138]	01.87- 01.02	113562	14	40	01.87-	116137	12	2.8 A49
						01.87-	110462	12	2.8
3415	[4-135]	01.93- 01.02	113562	14	40	01.93-	116137	12	2.8 A49
						01.93-	110462	12	2.8
4635	[Ford]	09.95- 12.98	111739	14	55	09.95- 12.98	110462	12	2.8
		Ford 09.95- 12.98	111363	14	45	09.95- 12.98	116137	12	2.8 A49
4835	[Ford]					09.95- 12.98	110462	12	2.8
						09.95- 12.98	116137	12	2.8 A49
5635	[Ford]					09.95- 12.98	110462	12	2.8
						09.95- 12.98	116137	12	2.8 A49
5640 4.4		11.91- 01.98	112718	14	100	11.91- 01.98	116137	12	2.8 A49
						11.91- 01.98	110462	12	2.8

STARTERS & ALTERNATORS



Application list

NEW HOLLAND *Continued*

6635	[Ford]	09.95- 12.98	111355	14	65				
6640 5.0		11.91- 01.98	112718	14	100		11.91- 01.98	116137	12 2.8 A49
							11.91- 01.98	110462	12 2.8
7635	[Ford]	09.95- 12.98	111355	14	65		09.95- 12.98	116137	12 2.8 A49
							09.95- 12.98	110462	12 2.8
7740 5.0		11.91- 01.98	112718	14	100		11.91- 01.98	116137	12 2.8 A49
							11.91- 01.98	110462	12 2.8
7840 6.6		11.91- 12.98	112718	14	100		11.91- 12.98	116137	12 2.8 A49
							11.91- 12.98	110462	12 2.8
8080	[M10Y]						01.79- 01.85	110539	12 3.6
8160		09.95-	113529	14	120		09.95-	113968	12 3.6
8240 7.5		11.91- 12.96	112718	14	100		11.91- 12.96	116137	12 2.8 A49
							11.91- 12.96	110462	12 2.8
8260		09.95-	113529	14	120		09.95-	113968	12 3.6
8340 7.5		11.91- 07.98	112718	14	100		11.91- 07.98	116137	12 2.8 A49
							11.91- 07.98	110462	12 2.8
8360		09.95-	113529	14	120		09.95-	113968	12 3.6
8430 5.9	[8065.25..]						04.94-	110522	12 3.0
8560		09.95-	113529	14	120		09.95-	113968	12 3.6
8630 8.1	[8365.25..]						04.94-	110522	12 3.0
8830 8.1	[8365.25..]						04.94-	110522	12 3.0
9030		01.90- 01.97	111713	14	105				
9282		01.96- 12.97	112996	14	115				
9482		01.96- 12.97	112996	14	115				
9682		01.96- 12.97	112996	14	115				
9882		01.96- 12.97	112996	14	115				
170 190 210 240	[Ford]		115530	14	130				
8000 Series	[Ford]	01.85- 09.95- 12.01 09.95-	113574 112718 113529	14 14 14	65 100 120				
M SERIES		09.95-	112718	14	100		09.95-	112074	12 3.1
		09.95-	113529	14	120				
			110178	14	36				
NH 95	[M8Y]						01.96-	112074	12 3.1
T1010			115342	14	40				
T1030			115342	14	40				
T1110			115342	14	40				
T7.170 6.7		08.10-	114228	14	150				
T7.200 6.7		08.10-	114228	14	150				
T7.210 6.7		08.10-	114228	14	150				
T7.220 6.7		08.10-	114228	14	150				
T7.250 6.7		08.10-	114228	14	150				
T7.260 6.7		08.10-	114228	14	150				
T7.270 6.7		08.10-	114228	14	150				
T7030 CVT 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T7030 Power Command 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T7040 Power Command 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T7050 Power Command 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T7060 CVT 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T7060 Power Command 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T7070 CVT 6.7 Diesel	[N67ENT]	01.07-	114825	14	150				
T9.450 12.7		08.10-	115545	14	200				
T9.505 12.7		08.10-	115545	14	200				
T9.560 12.7		08.10-	115545	14	200				
T9.615 12.7		08.10-	115545	14	200				
T9.670 12.7		08.10-	115545	14	200				
TC Various Models			114759	14	55			112177	12 1.7
			113562	14	40				
TG210 8.3			112773	14	135				
			113999	14	150 IS				
TG230 8.3			112773	14	135				
			113999	14	150 IS				
TG255 8.3			112773	14	135				
			113999	14	150 IS				
TG285 8.3			112773	14	135				
			113999	14	150 IS				
TJ275 8.3			112773	14	135				
			113999	14	150 IS				
TJ325 8.9			112773	14	135				
			113999	14	150 IS				
TJ375 15.0			112773	14	135				
			113999	14	150 IS				
TJ425 15.0			112773	14	135				
			113999	14	150 IS				
TJ450 15.0			112773	14	135				
			113999	14	150 IS				
TJ500 15.0			112773	14	135				
			113999	14	150 IS				
TL Series		10.98-	114669	14	65		09.97-	113182	12 3.0
		10.98-	114384	14	85				
TM SERIES		11.99-	113529	14	120				
TN60DA 2.9							01.04- 12.08	116369	12 2.7
TN60SA 2.9							01.04- 12.08	116369	12 2.7
TN70DA TN75DA 2.9							01.04- 12.08	116369	12 2.7
TS 115		07.03-	112718	14	100				
TV 140		01.98-	112718	14	100				
Various Models 6.7 CSX7040 CSX7050 CSX7070		09.08-	115608	14	120				
Various Models			114450	14	120			115391	12 4.2
			113621	14	115			116010	
								114399	12 2.7
								114196	24 4.0
								114050	12 4.2
								114021	12 3.0
								115802	24 3.2
INDUSTRI									
E135B								115802	24 3.2
E160	[4D34]							114893*	24 4.2



E18 Excavator								114696	12	1.2
E27B Excavator	[3TNV82A]					01.05-		114281	12	1.7
E30B Excavator						01.05-		114281	12	1.7
E35B Excavator	[3TNV88]					01.08-		114281	12	1.7
E70B								115802	24	3.2
E80B								115802	24	3.2
EC130	[4BT3.9]	01.00- 01.01	112160	28	75					
EC160 Excavator	[4BT3.9]	01.00- 01.01	112160	28	75					
EC215	[6BTA5.9]	01.00-	112160	28	75					
G4010	[Kohler]							113854	12	
G4020	[Kohler]							113854	12	
L140 1.5	[N843]		113562	14	40					
L150 1.5	[N843]		113562	14	40					
L160 2.0	[N844]		113562	14	40					
L170 5.0	[N844]		113562	14	40					
L250	[Onan]					01.84- 01.99		113141	12	0.8
L464	[Ford VSG]					01.94- 01.97		113696	12	2.0
L465	[Ford VSG]					01.94- 01.97		113696	12	2.0
L465	[Ford Engine]	01.94- 01.99	113562	14	40					
L565	[N844]	01.94- 01.99	113562	14	40					
L60 2.9	[Fiat]					09.95- 12.98		113182	12	3.0
L65 3.6	[Fiat]	09.95- 12.98	114669	14	65	09.95- 12.98		113182	12	3.0
L75 3.9	[Fiat]	09.95- 12.98	114669	14	65	09.95- 12.98		113182	12	3.0
L85 3.9	[Fiat]	09.95- 12.98	114669	14	65	09.84- 12.94		112268	12	2.8
						09.95- 12.98		113182	12	3.0
L95 3.9	[Fiat]	09.95- 12.98	114669	14	65	09.95- 12.98		113182	12	3.0
LS140	[N843]		113562	14	40					
LS150	[N843]		113562	14	40					
LS160	[N844]		113562	14	40					
LS170	[N844]		113562	14	40					
LX465	[N843]	01.94- 01.99	113562	14	40					
LX485	[N843]	01.94- 01.99	113562	14	40					
LX565	[N844]	01.94- 01.99	113562	14	40		01.94- 01.97	113696	12	2.0
LX665	[N844]	01.94- 01.99	113562	14	40		01.94- 01.97	113696	12	2.0
Various Models			113497	28	35	01.05-		114224	12	2.7
			114759	14	55			114021	12	3.0
								114281	12	1.7
								114196	24	4.0
								116010		
Zero Turn Mower	[Kohler]							116151	12	0.8
								114075	12	
Nissan										
PASSENGER CARS EU										
100NX 1.6	(B13)[GA16DE]	10.92-	110631	14	70	AT 10.92-		111459	12	1.2
	[GA16DS]	10.90- 10.92	110631	14	70	AT 10.90-		111312	12	0.8
						10.90- 10.92		111459	12	1.2
						10.90- 10.92		111312	12	0.8
100NX 2.0 GTI	(B13)[SR20DE]	10.90- 10.95	111264	14	80			111608	12	1.4
280ZX 2.8	(HGS130)[L28E]	10.78- 06.83	110458	14	60					
	(HGS133)[L28E]	02.80- 09.82	110458	14	60					
Almera 1.4	(N15)[GA14DE]	07.95-	111704	14	70					
						07.95-		111312	12	0.8
Almera 1.5	(N16)[QG15DE]	07.00-	113317	14	80	07.00- 03.03		113267	12	0.7
	[QG15DE]	03.00-	113317	14	80	03.00- 03.03		113267	12	0.7
Almera 1.5 DCi	(N16)[K9K722]	01.03- 11.06	113940	14	110 A47, A49	01.03-		113927	12	1.4
	[K9K722]	01.03- 11.06	113940	14	110 A47, A49	01.03-		113927	12	1.4
Almera 1.6	(N15)[GA16DE]	07.95-	111704	14	70					
						07.95-		111312	12	0.8
Almera 1.6 SLX	(N15)[GA16DE]	07.95-	111704	14	70					
						07.95-		111312	12	0.8
Almera 1.8	(N16)[QG18DE]	03.01-	113317	14	80	01.00- 03.03		113267	12	0.7
	[QG18DE]	02.99-	113317	14	80	03.00- 03.03		113267	12	0.7
						A13 10.02-		111459	12	1.2
Almera 2.0 Diesel	(N15)[CD20]	07.95- 04.96	111294	14	70					
		11.95- 07.00	113788	14	80	07.95-		110575	12	2.0
Almera 2.2 DCi	(N16)[YD22DDT]	09.03-	113440	14	100	02.03-		113319	12	2.2
						02.03-		113323	12	1.7
	(N16E)[YD22DDT]	09.03-	113440	14	100	02.03-		113319	12	2.2
						02.03-		113323	12	1.7
Almera 2.2 Diesel Di	(N16)[YD22DDT]	07.00-	113324	14	90					
		07.00-	113440	14	100	07.00-		113319	12	2.2
	(N16E)[YD22DDT]	03.00-	113440	14	100	03.00-		113319	12	2.2
Almera Tino 1.8	(V10)[QG18DE]					05.00-		111459	12	1.2
						05.00- 03.04		113267	12	0.7
Almera Tino 1.8 i	(V10M)[QG18DE]	08.00-	113317	14	80	04.00- 03.01		113267	12	0.7
Almera Tino 2.2 DCi	(V10)[YD22DDT]	09.03-	113440	14	100	6SP 07.04-		113323	12	1.7
Almera Tino 2.2 Diesel Di	(V10)[YD22DDT]	08.00-	113440	14	100	08.00-		113319	12	2.2
Bluebird 1.6	(910)[L16]					01.80- 11.83		110144	12	1.0
	[CA16S]	03.86- 06.91	110968	14	70					
		03.86- 06.91	111355	14	65 ▲					
Bluebird 1.8	(910)[L18S]	01.80- 05.84	110168	14	50					
		01.80- 05.84	110307	14	60					
		01.80- 12.83	110458	14	60	01.80- 05.84		110144	12	1.0
	[L18T]	01.80- 05.84	110168	14	50					
		01.80- 05.84	110307	14	60					
		01.80- 05.84	110458	14	60	01.80- 05.84		110144	12	1.0
	(W910)[L18S]	01.80- 05.84	110168	14	50					
		01.80- 05.84	110307	14	60					
		01.80- 05.84	110458	14	60	01.80- 05.84		110144	12	1.0
	[L18]					01.79- 11.79		110144	12	1.0
Bluebird 2.0 i	(910)[Z20E]	01.82- 05.84	110168	14	50					
		01.82- 05.84	110307	14	60					
		01.82- 05.84	110458	14	60					
Cabstar 2.5 Diesel	(F23, H41, H42)[TD25]	01.92- 12.00	110701	14	50	01.92- 12.00		110574	12	2.0
Cherry 1.0	(E10)[A10]					09.70- 09.78		110279	12	0.8
	(N10)[A10]					08.78- 07.81		110279	12	0.8

STARTERS & ALTERNATORS



Application list

NISSAN Continued

	[A10S]		08.78- 07.81	110307	14 60				
			03.79- 07.81	110128	14 35				
			08.81- 06.82	110168	14 50				
	(N12)[E10]		05.82- 05.86	110168	14 50				
			05.82- 05.86	110264	14 40		05.82- 05.86	110279	12 0.8
Cherry 1.2	(N10)[A12]		01.70- 07.81	110128	14 35				
			08.78- 07.81	110307	14 60				
	(VN10)[A12]		10.78- 05.82	110128	14 35				
			10.78- 07.81	110307	14 60				
			08.81- 09.82	110307	14 60		07.81- 05.82	110279	12 0.8
			09.81- 08.86	110168	14 50		09.81- 09.82	110279	12 0.8
Cherry 1.3	(N10)[E13]		05.82- 10.86	110168	14 50				
			05.82- 10.86	110264	14 40				
			05.82- 10.86	110307	14 60		05.82- 10.86	110279	12 0.8
	(VN10)[E13]		09.81- 12.83	110168	14 50				
			09.81- 08.86	110307	14 60		09.81- 12.83	110279	12 0.8
Cherry 1.4	(N10)[A14S]		08.80- 07.81	110307	14 60				
			08.81- 03.82	110168	14 50				
	(VN10)[A14S]		07.81- 04.82	110168	14 50				
Cherry 1.4 i.e.	(N10)[A14S]		08.80- 07.81	110307	14 60				
			07.81- 04.82	110168	14 50				
Cherry 1.5	(N10)[E15]		01.79- 12.82	110168	14 50		01.79- 12.82	110279	12 0.8
	(N12)[E15S]		11.83- 10.86	110168	14 50				
			11.83- 10.86	110264	14 40				
			11.83- 10.86	110307	14 60		11.83- 10.86	110279	12 0.8
Cherry 1.5 Turbo	(N12)[E15ET]		01.83- 12.85	110307	14 60				
			01.83- 12.85	110458	14 60				
Cube 1.5 DCi	(Z12)[K9K]		03.10-	114354	14 150			113897	12 1.4
Cube 1.6 16V	(Z12)[HR16DE]						03.10-	115361	12 1.0
D22 2.4	[KA24DE]						11.01- 04.05	112368	12 1.4
Datsun 140 J 1.4	[A14]						01.73- 05.77	110144	12 1.0
Datsun 160 J 1.6	[L16S]						01.73- 12.79	110144	12 1.0
	[L16T]						01.78- 02.82	110144	12 1.0
Datsun 160 J 1.6 i.e.	[L16]						01.78- 02.82	110144	12 1.0
Interstar 1.9 DCi	[F9Q772]	AC 07.02-		112471	14 125				
		AC 07.02-		113248	14 120		07.02-	112474	12 1.8
Interstar 2.2 DCi	[G9T722]	07.02-		112471	14 125				
		07.02-		113245	14 125				
		07.02-		113248	14 120				
		07.02-		113837	14 150		07.02-	112475	12 2.1
Interstar 2.5 DCi	(X70)[G9U632]	09.06-		113837	14 150				
		09.06-		114700	14 150				
	[G9U650]	07.02-		113245	14 125				
		07.02-		113837	14 150				
		09.06-		114700	14 150		07.02-	112475	12 2.1
	[G9U720]	11.03-		113248	14 120		11.03-	112475	12 2.1
	[G9U720]	07.02-		112471	14 125				
		07.02-		113245	14 125				
		07.02-		113837	14 150		07.02- 11.03	112475	12 2.1
Interstar 2.5 DCi 100	[G9U720]	11.03-		112471	14 125				
		11.03-		113245	14 125				
		11.03-		113248	14 120				
		11.03-		113837	14 150		11.03-	112475	12 2.1
Interstar 2.5 DCi 120	[G9U650]	08.06-		113837	14 150				
		08.06-		114700	14 150				
Interstar 2.5 DCi 150	[G9U632]	08.06-		113837	14 150				
		08.06-		114700	14 150				
Interstar 3.0 DCi 140	[ZD30]	11.03-		113993	14 135				
		11.03-		115317	14 120		11.03-	114032	12 2.5
Juke 1.5 DCi	[K9K ...]	06.10-		114354	14 150		06.10-	113897	12 1.4
Juke 1.6	[HR16DE]	06.10-		115811	14 150				
		06.10-		116009	14 110		06.10-	115361	12 1.0
Juke 1.6 DIG-T	[MR16DDT]						11.12-	115341	12 1.0
Juke 1.6 DIG-T 4x4	[MR16DDT]						11.12-	115341	12 1.0
Juke 1.6 LPG	(F15)[HR16DE]	A25 01.12-		115811	14 150		01.12-	115361	12 1.0
		A25 01.12-		116009	14 110		A25 01.12-	116253*	12 1.4
King Cab 1.6	(FG21)[Z16]	01.89-		110168	14 50				
King Cab 2.0	(D21)[Z20]	09.85- 02.98		110168	14 50				
		09.85- 02.98		110307	14 60				
	(FG21)[Z20]	01.89-		110168	14 50				
King Cab 2.2 Diesel	(720)[SD22]	12.81- 08.85		110694	14 40				
King Cab 2.3 Diesel	(720)[SD23]	01.83- 05.85		110694	14 40		01.83- 05.85	110386	12 1.9
	(D21)[SD23]	06.85- 08.87		110707	14 60		06.85- 08.87	110719	12 2.0
King Cab 2.4 Diesel	(D21)[Z24]	09.85- 04.92		110168	14 50				
		09.85- 04.92		110307	14 60				
King Cab 2.4 i 12V	(D21)[KA24E]						04.92-	111485	12 1.2
King Cab 2.4 i 12V 4WD	(D21)[KA24E]						04.92-	111485	12 1.2
King Cab 2.4 i 4WD	(D21)[Z24i]	03.86- 04.92		110307	14 60				
		04.92-		111980	14 70				
King Cab 2.7 TD 4WD	(D21)[TD27]	08.87-		110700	14 50				
		08.87- 02.98		113383	14 60		08.87- 02.98	110574	12 2.0
King Van 2.0	(E24)[Z20]	11.86- 01.95		110264	14 40				
		02.87- 03.89		110307	14 60		11.86- 10.88	110277	12 0.8
		12.88- 10.93		110168	14 50				
King Van 2.3 Diesel	(E24)[TD23]	11.86- 03.89		110701	14 50				
		02.87- 12.88		112093	14 70				
King Van 2.5 TD	(E24)[TD25]	12.88- 07.94		110701	14 50				
		12.88- 07.94		112093	14 70		12.88- 07.94	111805	12 2.5
King Vanette 1.5	(GC22)[A15S]	09.86- 07.95		110168	14 50				
		09.86- 07.95		110307	14 60		09.86- 07.95	110142	12 1.0
King Vanette 2.0	(GC22)[Z20S]	09.86-		110168	14 50				
		09.86-		110307	14 60		03.88- 05.90	110277	12 0.8
Kubistar 1.1 X76	(FC0F, FC1A)[D7F764]	08.03-		113403	14 75		08.03-	111641	12 0.7
Kubistar 1.1 16V X76	[D4F712]	04.06-		113403	14 75				
		04.06-		115549	14 95		04.06-	114095	12 0.85
Kubistar 1.4	(X76)[K7J700]	08.03- 10.09		112199	14 75		08.03- 10.09	115442	12 0.8



Kubistar 1.5 DCI	(X76)[K9K710]	08.03- 10.09	112457	14	110		08.03- 10.09	113927	12	1.4
		08.03- 10.09	114673	14	120					
		08.03- 10.09	116325*	14	125		08.03- 10.09	113897	12	1.4
		08.03- 10.09	112457	14	110					
[K9K714]	(FC07)[K9K700]	08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
		08.03- 10.09	113862	14	125 A49					
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
Kubistar 1.5 DCi X76	(FC07)[K9K700]	08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
[K9K704]	(FC07)[K9K700]	08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
[K9K710]	(FC07)[K9K700]	08.05- 10.09	113862	14	125 A49		08.05- 10.09	113897	12	1.4
		08.05- 10.09	114673	14	120		08.05- 10.09	113927	12	1.4
		08.05- 10.09	116325*	14	125		08.05- 10.09	113927	12	1.4
		08.05- 10.09	113862	14	125 A49		08.05- 10.09	113897	12	1.4
[K9K714]	(FC07)[K9K700]	08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113927	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
[K9K716]	(FC07)[K9K700]	08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113927	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113897	12	1.4
(FC08)[K9K276]	(FC08)[K9K276]	04.06- 10.09	113862	14	125 A49		04.06- 10.09	113897	12	1.4
		04.06- 10.09	114673	14	120		04.06- 10.09	113927	12	1.4
		04.06- 10.09	116325*	14	125		04.06- 10.09	113927	12	1.4
		04.06- 10.09	113862	14	125 A49		04.06- 10.09	113897	12	1.4
[K9K702]	(FC08)[K9K276]	08.03- 10.09	113248	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113927	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
[K9K710]	(FC08)[K9K276]	08.03- 10.09	113248	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113927	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
[K9K718]	(FC08)[K9K276]	08.03- 10.09	113248	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113927	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
[K9K722]	(FC08)[K9K276]	08.03- 10.09	113248	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	113862	14	125 A49		08.03- 10.09	113927	12	1.4
		08.03- 10.09	114673	14	120		08.03- 10.09	113897	12	1.4
		08.03- 10.09	116325*	14	125		08.03- 10.09	113927	12	1.4
(FC09)[K9K710]	(FC09)[K9K710]	08.03- 10.09	114673	14	120		08.03- 10.09	113927	12	1.4
		08.05- 10.09	112457	14	110		08.05- 10.09	113927	12	1.4
		08.05- 10.09	113862	14	125 A49		08.05- 10.09	113927	12	1.4
		08.05- 10.09	116325*	14	125		08.05- 10.09	113927	12	1.4
[K9K714]	(FC09)[K9K710]	08.03- 10.09	114673	14	120		08.03- 10.09	113927	12	1.4
		08.05- 10.09	112457	14	110		08.05- 10.09	113927	12	1.4
		08.05- 10.09	113862	14	125 A49		08.05- 10.09	113927	12	1.4
		08.05- 10.09	116325*	14	125		08.05- 10.09	113927	12	1.4
Kubistar 1.6 16V X76	[K4M752]	08.03- 10.09	112144	14	98		08.03- 10.09	113932	12	0.85
		08.03- 10.09	112199	14	75		08.03- 10.09	113932	12	0.85
Laurel 2.0	(C230)[L20A]	03.77- 03.85	110458	14	60		03.77- 05.83	110277	12	0.8
		01.81- 01.84	110458	14	60		01.81- 01.84	110277	12	0.8
Laurel 2.4	(C31)[L20A]	01.81- 01.84	110458	14	60		01.81- 01.84	110144	12	1.0
		12.77- 05.83	110458	14	60		12.77- 05.83	110277	12	0.8
		01.81- 12.85	110458	14	60		01.81- 12.85	110277	12	0.8
		01.81- 12.85	110703	14	55		01.81- 12.85	110277	12	0.8
		01.85- 12.87	110458	14	60		A13 01.85- 12.87	110280	12	1.2
		01.85- 12.87	110458	14	60		A13 01.85- 12.87	110277	12	0.8
Laurel 2.8 Diesel	(C32)[RD28]	01.85- 12.87	110458	14	60		01.85- 12.87	110280	12	1.2
		01.85- 12.87	110458	14	60		01.85- 12.87	110277	12	0.8
Lucino 1.8 Turbo	[SR18DE]	02.87- 12.89	111445	14	2.0		02.87- 12.89	111445	12	2.0
Lucino 2.0 GTi	[SR20DE]	11.95- 01.00	115407	14	1.4		11.95- 01.00	115407	12	1.4
Maxima 2.0	(A32)[VQ20DE]	AC 10.94-	111381	14	110		10.94-	111382	12	1.4
Maxima 3.0 i	(J30)[VG30E]						12.88- 06.94	111023	12	1.4
Maxima QX 2.0	(A32)[VQ20DE]	AC 02.95-	111381	14	110		02.95-	111382	12	1.4
Maxima QX 2.0 V6 24V	(A33)[VQ20DE]						03.00-	111382	12	1.4
Maxima QX 2.5 V6 24V	(A33)[VQ25DE]						03.00-	111492	12	1.4
Maxima QX 3.0	(A32)[VQ30DE]	AC 10.94- 12.96	111381	14	110		10.94- 12.96	111382	12	1.4
Maxima QX 3.0 V6 24V	(A33)[VQ30DE]						03.00-	111382	12	1.4
Micra 1.0	(K10)[MA10S]	12.82- 12.89	110168	14	50		12.82- 12.89	110279	12	0.8
		12.82- 05.89	110264	14	40		12.82- 12.89	111728	12	1.4
		12.82- 12.89	110307	14	60		AT 12.82- 12.89	111728	12	1.4
		12.82- 11.88	110264	14	40		AT 12.82- 07.92	111728	12	1.4
Micra 1.0 16V	(K12)[CG10DE]	01.03- 06.10	114877	14	80		01.03- 06.10	114199	12	0.7
		01.03- 06.10	115531	14	80		01.03- 06.10	114199	12	0.7
Micra 1.0 i 16V	(K11)[CG10DE]	09.00- 02.03	113697	14	65		AT 09.00- 02.03	114199	12	0.7
		08.92- 05.96	111280	14	65		08.92- 10.02	113644	12	1.2
		08.92- 02.03	115652	14	70		07.00- 02.03	115522	12	0.7
		08.92- 02.03	115652	14	70		08.92-	110279	12	0.8
Micra 1.2	(K10)[MA12S]	07.86- 07.92					AT 07.86- 07.92	111728	12	1.4
		07.86- 07.92					07.86- 07.92	110279	12	0.8
Micra 1.2 16V	(K12)[CG12DE]	04.11-	116033	14	150					
		05.10-	115316	14	100					
		01.03- 06.10	114293	14	80		05.10-	115426	12	1.0
		01.03- 06.10	114877	14	80					
Micra 1.2 LPG	(K12)[CR12DE]	01.03- 06.10	115531	14	80		01.03- 06.10	114199	12	0.7
		01.03- 06.10	114877	14	80					
		01.03- 06.10	115531	14	80					
		01.03- 06.10	114293	14	80		A34 01.03-	114199	12	0.7
		05.06-	114293	14	80					
		06.05- 06.10	114293	14	80		06.05- 06.10	114199	12	0.7
Micra 1.3 i 16V	(K11E)[CG13DE]	08.92- 05.96	111280	14	65		08.92-	110279	12	0.8
		08.92- 09.00	115652	14	70		08.92- 09.00	113644	12	1.2
Micra 1.4 16V	(K12)[CR14DE]	01.03- 06.10	115531	14	80					
		05.06-	114293	14	80					

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

NISSAN Continued

	(K12E)[CR14DE]	08.05-05.06-	115531 114293	14 80 14 80		08.05-	114199	12 0.7
Micra 1.4 i 16V	(K11)[CGA3DE]	09.00-02.03	113697	14 65		09.00-02.03 AT 09.00-02.03 07.00-10.02	115522 114199 113644	12 0.7 12 0.7 12 1.2
Micra 1.5 DCi	(K12)[K9K276]	01.03-06.10	113940	14 110 A49, A47				
		01.03-01.03-	114354 114673	14 150 14 120		01.03-	113897	12 1.4
	[K9K704]	01.03-06.10	113940	14 110 A47, A49				
		01.03-09.07	114673	14 120		01.03-09.07	113927	12 1.4
	[K9K708]					01.03-	113897	12 1.4
	[K9K722]	09.03-06.10	113940	14 110 A47, A49				
		09.03-	114673	14 120		09.03-	113927	12 1.4
	(K14)[K9K628]					12.16-	113920	
Micra 1.5 Diesel	(K11)[TD15]					02.98-10.02	111029	12 1.4
Micra 1.6 160 SR	(K12)[HR16DE]	05.05-	115548	14 120		05.05-	115361	12 1.0
		08.05-	115548	14 120		08.05-	115361	12 1.0
Murano 2.5 4x4	(Z51)[YD25DDTi]	01.10-	115703	14 150		01.10-	115727	12 2.2
Murano 3.5 4WD	(Z50)[VQ35DE]	08.03-	111381	14 110				
Navara 2.5 DCi	(D40)[YD25DDTi]	07.05-	114244	14 130		07.05-	114232	12 2.0
		07.05-	114803	14 150		07.05-	115727	12 2.2
		03.10-	115703	14 150				
Navara 2.5 DCi 4WD	(D40)[YD25DDTi]	10.06-	114244	14 130		10.06-	114232	12 2.0
		10.06-	114803	14 150		10.06-	115727	12 2.2
		12.09-	115703	14 150				
	[YD25DDTi]	07.05-	114244	14 130		07.05-	114232	12 2.0
		07.05-	114803	14 150		07.05-	115727	12 2.2
Navara 3.0 DCi	(D40)[V9X]					02.10-	115949	12 2.2
Note 1.2	(E12)[HR12DE]					06.13-	115426	12 1.0
Note 1.4	(E11)[CR14DE]	03.06-	115531	14 80		03.06-	114199	12 0.7
		05.06-	114293	14 80				
Note 1.5 DCi	(E11)[K9K276]					09.10-	113897	12 1.4
		[K9K292]	07.08-	114354	14 150	07.08-	113897	12 1.4
	[K9K276]	03.06-	114354	14 150				
	[K9K700]	03.06-	114354	14 150		03.06-	113897	12 1.4
	[K9K892]					06.13-	113897	12 1.4
Note 1.6	[HR16DE]	03.06-	115548	14 120		03.06-	115361	12 1.0
NP 300 2.5 DCi	[YD25DDTi]	04.08-	115550	14 90		04.08-	113964	12 2.2
NP 300 2.5 DCi 4x4	[YD25DDTi]	04.08-	115550	14 90				
NV 200 1.5 DCi	(M20)[K9K]	02.10-	113940	14 110 A49, A47				
		02.10-	114354	14 150		02.10-	113897	12 1.4
	[K9K400]	02.10-	113940	14 110 A49, A47				
		02.10-	114354	14 150		02.10-	113897	12 1.4
	[K9K608]	02.10-	113940	14 110 A49, A47				
		02.10-	114354	14 150		02.10-	113897	12 1.4
	[K9K628]	02.10-	113940	14 110 A49, A47				
		02.10-	114354	14 150		02.10-	113897	12 1.4
	[K9K636]	04.11-	114354	14 150		04.11-	113897	12 1.4
	[K9K646]	04.11-	114354	14 150		04.11-	113897	12 1.4
	[K9K892]	04.11-	113940	14 110 A47, A49				
		04.11-	116048	14 110		04.11-	113897	12 1.4
	NV 200 1.6 16V	(M20)[HR16DE]	02.10-	115548	14 120		02.10-	115361
07.10-			115548	14 120		07.10-	115361	12 1.0
NV 200 Evalia 1.5 DCi	[K9K636]	04.11-	114354	14 150		04.11-	113897	12 1.4
		[K9K646]	04.11-	114354	14 150		04.11-	113897
	[K9K892]	04.11-	113940	14 110 A47, A49				
		04.11-	114354	14 150 BO				
		04.11-	116048	14 110				
		10.13-	116395*	14 150		04.11-	113897	12 1.4
NV 400 2.3 DCi	(X62)[M9T670]	11.11-	114826	14 185 A49				
			116324*	14 150		11.11-	114074	12 2.2
	[M9T672]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T676]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T670]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T672]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T676]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T678]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T680]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T686]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
	[M9T690]	11.11-	114826	14 185 A49				
		116324*	14 150		11.11-	114074	12 2.2	
[M9T692]	11.11-	114826	14 185 A49					
	116324*	14 150		11.11-	114074	12 2.2		
[M9T694]	11.11-	114826	14 185 A49					
	116324*	14 150		11.11-	114074	12 2.2		
[M9T696]	11.11-	114826	14 185 A49					
	116324*	14 150		11.11-	114074	12 2.2		
[M9T698]	11.11-	114826	14 185 A49					
	116324*	14 150		11.11-	114074	12 2.2		
NV400 2.3 DCi 130	[M9T]	06.16-	114826	14 185 A49				
		06.16-	116324*	14 150		06.16-	114074	12 2.2
NV400 2.3 DCi 170	[M9T]	06.16-	114826	14 185 A49				
		06.16-	116324*	14 150		06.16-	114074	12 2.2
Pathfinder 2.5 DCi	(R51)[YD25DDTi]	08.10-	115703	14 150		08.10-	115727	12 2.2
Pathfinder 2.5 DCi 4WD	(R51)[YD25DDTi]	03.05-	114244	14 130				
		03.05-	114803	14 150		03.05-	115727	12 2.2
		03.05-	115703	14 150		03.05-	114232	12 2.0
Pathfinder 2.7 TD 4WD	[TD27ETi]					09.97-12.04	110574	12 2.0
Pathfinder 3.0 DCi	(R51)[V9X]					08.10-	115949	12 2.2



Pathfinder 3.5 V6 4WD	[VO35]	01.01- 01.02	113420	14	110					
Patrol 2.8	(160)[L28]	07.80- 08.88	110458	14	60		07.80- 08.88	110280	12 1.2	
	(260)[L28]	05.86- 06.90	110458	14	60					
		05.86- 06.90	111614	28	35		05.86- 06.90	110280	12 1.2	
Patrol 2.8 TD	(260)[RD28T]	04.89- 11.92	112329	14	70	BO	06.89- 11.95	111445	12 2.0 HI	
		09.90- 11.90	111747	14	70	VP				
		12.92- 11.95	112207	14	70	VP, BO	06.89- 11.95	110280	12 1.2	
	(Y60)[RD28T]	AC 04.89- 07.91	111747	14	70	VP				
		AC 09.88- 08.95	111747	14	70	VP				
		AC 04.89- 11.92	112329	14	70		09.88-	111445	12 2.0	
	[RD28T]	05.86- 07.91	111747	14	70					
	04.89- 11.92	112329	14	70	BO	05.86- 06.90	111445	12 2.0		
	12.92-	112207	14	70	BO					
[RD28Ti]	06.97-	112359	14	100		06.97-	111445	12 2.0		
Patrol 3.0	(260)[RB30S]						04.89- 05.98	111445	12 2.0	
Patrol 3.2 Diesel	(W260)[SD33T]	08.88- 06.90	110567	28	25					
		08.88- 06.90	111614	28	35		08.88- 06.90	111558	24 3.5	
	[SD33T]	08.88- 06.90	111614	28	35		08.88- 06.90	111558	24 3.5	
Patrol 3.2 TD	(160)[SD33T]	07.83- 08.88	110567	28	25					
Patrol 3.3 Diesel	(160)[SD33]	07.83- 08.88	111614	28	35		06.85- 08.88	111558	24 3.5	
		11.79- 08.88	110567	28	25					
		11.79- 08.88	111614	28	35					
Patrol 4.2 Diesel	(Y60)[TD42]					11.88- 06.97	113191	24 3.5		
						11.88- 06.97	116085	12 2.2		
Patrol GR 3.0 DTi	(Y61)[ZD30DDTi]	05.00-	113787	14	90	A13	05.00-	114875	12 2.8	
							05.00-	114764	12 2.5	
Pick-Up 1.8	(720)[L18]	12.81- 03.86	110168	14	50					
		01.83- 03.86	110307	14	60					
		04.83- 08.93	110168	14	50					
Pick-Up 2.0	(D21)[Z20]									
Pick-Up 2.2 4WD	(720)[Z22]	04.83- 03.86	110168	14	50					
		04.83- 03.86	110307	14	60					
		04.83- 03.86	110458	14	60					
Pick-Up 2.3 Diesel	(720)[SD23]	VP 04.83- 03.86	110694	14	40		04.83- 08.85	110386	12 1.9	
		09.85- 08.88	110707	14	60					
Pick-Up 2.4 4WD	(D21)[Z24]	09.85- 04.92	110168	14	50					
Pick-Up 2.4 i 4WD	(D22)[KA24DE]						03.02-	112368	12 1.4	
Pick-Up 2.5 Diesel	(D21)[TD25]	08.87- 02.98	111316	14	60		08.87- 02.98	110574	12 2.0	
		02.98- 11.01	113383	14	60					
Pick-Up 2.5 Diesel 4WD	(720)[SD25]	01.83- 03.86	110694	14	40		04.83- 09.85	110386	12 1.9	
		09.85- 08.91	110707	14	60					
	[TD25]	08.87- 03.96	110700	14	50		09.85- 10.87	110719	12 2.0	
		08.87- 02.98	111316	14	60		10.88- 03.96	110574	12 2.0	
		10.87- 02.98	111316	14	60		10.87- 10.88	111805	12 2.5	
	(D22)[TD25]	02.98-	113383	14	60		02.98-	110574	12 2.0	
Pick-Up 2.5 TD	(D22)[YD25DDTi]	03.02-	113324	14	90	▲	03.02-	113964	12 2.2	
		03.02-	115550	14	90					
		01.01-	113324	14	90					
Pick-Up 2.5 TD 4WD	(D22)[TD25Ti]	05.98-	113383	14	60		05.98-	110574	12 2.0	
		03.02-	115550	14	90		03.02-	113964	12 2.2	
		03.02-	115550	14	90		03.02-	111805	12 2.5	
						08.87- 01.97	110574	12 2.0		
Pick-Up 2.7 Diesel 4WD	(D21)[TD27]									
Pixo 1.0	(UA0)[K10B]	06.09-	115868	14	70		06.09-	114761	12 1.0	
Prairie 1.5 S	(M10)[E15S]	01.83- 12.87	110168	14	50					
		01.84- 12.87	110307	14	60		01.83- 09.88	110279	12 0.8	
Prairie 1.8	(M10)[CA18S]					07.83- 09.88	110278	12 0.8		
Prairie 2.4 i 4WD	[KA24E]	04.92- 07.94	111264	14	80					
Prairie 2.4 i PRO	(M11)[KA24E]	04.92- 07.94	111264	14	80					
Primastar 1.9 DCi	[F9Q760]	AC 03.01-	112471	14	125					
		AC 03.01-	113248	14	120		03.01-	112474	12 1.8	
		AC 03.01-	112471	14	125					
		AC 03.01-	113248	14	120		07.02-	112474	12 1.8	
Primastar 1.9 DCi 80	(X83)	07.02- 08.06	113248	14	120		07.02- 08.06	112474	12 1.8	
		07.02- 08.06	112471	14	125					
Primastar 2.0	(X83)[F4R720]	07.02- 08.06	113245	14	125					
		04.06-	113245	14	125					
	[F4R820]									
	[F4R720]	03.01- 12.02	113245	14	125					
		03.01-	114122	14	150					
	[F4R722]	03.01- 12.02	113245	14	125					
		03.01-	114122	14	150		03.01-	114814	12 0.9	
Primastar 2.0 DCi	(X83)[M9R780]	09.06-	114509	14	150					
		09.06-	114509	14	150					
Primastar 2.5 DCi	(X83)[G9U630]	09.06-	113837	14	150		09.06-	112475	12 2.1	
		09.06-	113837	14	150		09.06-	112475	12 2.1	
		09.03-	112471	14	125					
		09.03-	113245	14	125					
	09.03-	113248	14	120		09.03-	112475	12 2.1		
	09.06-	113837	14	150						
Primastar 2.5 DCi 140	(X83)	07.02- 08.06	113245	14	125		07.02- 08.06	112475	12 2.1	
		07.02- 08.06	112471	14	125					
Primastar 2.5 DCi 150	(X83)[G9U630]	04.06-	112471	14	125					
		04.06-	113245	14	125					
		04.06-	113837	14	150					
		04.06-	114700	14	150		04.06-	112475	12 2.1	
Primera 1.6	(P10)[GA16DS]	06.90- 06.96	111361	14	67	A13	06.90- 06.96	111459	12 1.2	
							06.90- 06.96	111303	12 0.8	
	(P12)[QG16DE]	AC 03.02-	113317	14	80		03.02-	113267	12 0.7	
	[GA16DE]	06.93- 01.96	111361	14	67	A13	06.93- 01.96	111459	12 1.2	
							06.93- 01.96	111303	12 0.8	
	[GA16DS]	06.90- 06.93	111361	14	67		06.90- 06.93	111303	12 0.8	
Primera 1.6 Visia	(WP12)[QG16DE]	01.02-	113317	14	80		01.02-	111459	12 1.2	
Primera 1.6 16V	(P11)[QG16DE]	09.00-	113317	14	80		09.00- 12.01	113267	12 0.7	
Primera 1.6 i	(W10)[GA16DE]	04.93- 07.94	110631	14	70					
		07.94-	111704	14	70		03.94- 01.95	111459	12 1.2	
							07.90- 04.93	111459	12 1.2	
	[GA16DS]	07.90- 04.93	110631	14	70		07.90- 04.93	111303	12 0.8	

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Primera 1.8	(P12)[QG18DE]	AC 03.02-	113317	14 80		03.02-	113267	12 0.7
		AC 07.02-	113317	14 80				
	(WP12)[QG18DE]	AC 03.02-	113317	14 80		03.02-	113267	12 0.7
Primera 1.8 16V	(P11)[QG18DE]	08.99-	113317	14 80		A13 08.99-	113267	12 0.7
Primera 1.8 16V LPG	(P11)	08.99- 07.02	113317	14 80		A13 08.99- 07.02	111459	12 1.2
						A42 08.99- 07.02	113267	12 0.7
	(WP11)	08.99- 12.01	113317	14 80		A42 08.99- 12.01	113267	12 0.7
Primera 1.8 LPG LPG						A13 08.99- 12.01	111459	12 1.2
	(P12)	03.02-	113317	14 80		A42 03.02-	113267	12 0.7
						A13 03.02-	111459	12 1.2
Primera 1.9 DCi	(P12)[F9Q]	04.03-	113919	14 125				
	(WP12)[F9Q]	04.03-	113919	14 125				
Primera 2.0	(P10)[SR20DE]					06.90- 06.96	111608	12 1.4
	[SR20DI]					06.90- 01.96	111608	12 1.4
	(P12)[QR20DE]	12.01-	113316	14 110				
	(W10)[SR20DI]	07.90- 07.94	111264	14 80				
Primera 2.0 GT						07.90- 07.94	111608	12 1.4
	(WP12)[QR20DE]	12.01-	113316	14 110				
Primera 2.0 16V	(P10)[SR20DE]					06.90- 01.96	111608	12 1.4
	(P11)[SR20DE]					09.96- 07.02	111608	12 1.4
Primera 2.0 16V 4WD						09.96- 07.02	115407	12 1.4
	(WP11)[SR20VE]					06.96- 05.99	115407	12 1.4
Primera 2.0 16V LPG	(P10)[SR20DI]					04.91-	111608	12 1.4
Primera 2.0 i	(P11)					09.96- 07.02	115407	12 1.4
Primera 2.0 Diesel	(P10)[SR20DE]					01.95-	111608	12 1.4
	(P10)[CD20]	01.91- 01.96	111294	14 70		01.91- 01.96	110575	12 2.0
	(W10)[CD20]	07.90- 12.95	111294	14 70		07.90- 12.95	110575	12 2.0
Primera 2.0 TD	[CD20]	01.91- 01.96	111294	14 70		01.91- 01.96	110575	12 2.0
	(P11)[CD20T]	09.96- 07.02	112351	14 90		09.96- 12.01	110575	12 2.0
Primera 2.2 DCi	(P12)[YD22DDT]	04.03-	114489	14 110		01.03-	113323	12 1.7
	(WP12)[YD22DDT]	04.03-	114489	14 110		01.03-	113323	12 1.7
Primera 2.2 Diesel Di	(P12)[YD22DDT]	03.02-	114489	14 110		03.02-	113323	12 1.7
	(WP12)[YD22DDT]	03.02-	114489	14 110		03.02-	113323	12 1.7
Pulsar 1.2 DIG-T	(C13)[HR12DDT]	10.14-	116225*	12 150				
Pulsar 1.5 DCi	(C13)[K9K636]	10.14-	116381*	14 150		10.14-	113897	12 1.4
Qashqai 1.2	[HR12DDT]	02.14-	116225*	12 150				
	(J10, JJ10)[K9K410]	07.08-	114354	14 150		07.08-	113897	12 1.4
	[K9K430]	11.10-	114354	14 150		11.10-	113897	12 1.4
	[K9K732]	02.07-	114354	14 150		02.07-	113897	12 1.4
	[K9K764]	02.07-	114354	14 150		02.07-	113897	12 1.4
Qashqai 1.5 DCi	(J11E)[K9K636]	02.14-	116381*	14 150				
	(J10, JJ10)[HR16DE]	11.10-	115811	14 150		11.10-	115361	12 1.0
Qashqai 1.6	[HR16DE]	02.07-	115811	14 150		02.07-	115361	12 1.0
	(J10, JJ10)[R9M]					10.11-	115829	12 1.8
Qashqai 1.6 dCi	[R9M]	02.14-	116225*	12 150				
	(J10, JJ10)[R9M]					10.11-	115829	12 1.8
Qashqai 1.6 dCi 4x4	[R9M]	02.14-	116225*	12 150				
	(J10, JJ10)[MR20DE]	02.07-	115340	14 120		11.10-	115341	12 1.0
Qashqai 2.0	(J10, JJ10)[MR20DE]	02.07-	115340	14 120		11.10-	115341	12 1.0
Qashqai 2.0 4x4	[M1D]					02.07-	114074	12 2.2
	[M9R]					02.07-	114074	12 2.2
Qashqai 2.0 DCi	[M1D]					02.07-	114074	12 2.2
	[M9R]					02.07-	114074	12 2.2
Qashqai 2.0 DCi 4WD	[M1D]					02.07-	114074	12 2.2
	[M9R]					02.07-	114074	12 2.2
Serena 1.6 16V	(C23M)[GA16DE]					07.92-	111728	12 1.4
Serena 2.0 Diesel	(C23M)[LD20]	11.92-	111812	14 90		11.92-	114318	12 2.2
	(C23M)[LD23]	07.92-	111812	14 90 VP				
Serena 2.3 Diesel		01.95-	113786	14 90				
Silvia 1.8 Turbo	(S110)[L18E]					01.79- 05.83	110144	12 1.0
Silvia 2.0	(S12)[FJ20E]	10.83- 09.88	110307	14 60		04.84- 09.88	110280	12 1.2
Stanza 1.6	(T11)[CA16S]					08.81- 12.85	110278	12 0.8
	(T11)[CA18]					08.81- 12.85	110278	12 0.8
Stanza 1.8	[CA18S]					08.81- 12.85	110278	12 0.8
Stanza 1.8 SGL	(T11)[CA18S]					03.83- 12.85	110278	12 0.8
Sunny 1.0	(N13)[E10S]					06.86- 10.88	110279	12 0.8
	(B11)[E13]	03.82- 08.90	110168	14 50				
		03.82- 08.90	110307	14 60		03.82- 09.87	110279	12 0.8
Sunny 1.3		05.83- 05.88	110264	14 40				
	(N13)[E13S]	06.86- 10.91	110307	14 60		06.86- 10.91	110279	12 0.8
	(B310)[A14]	01.70- 05.78	110128	14 35				
		09.80- 06.82	110168	14 50		AT 01.70- 02.82	110142	12 1.0
Sunny 1.4	(N13)[GA14S]	10.88- 08.91	110632	14 65		AT 01.89- 08.91	110142	12 1.0
	(N13)[GA14S]	10.88- 08.91	110632	14 65		10.88- 08.91	110279	12 0.8
Sunny 1.4 LX	[GA14DE]	10.90- 05.95	110631	14 70		AT 10.90- 05.95	111459	12 1.2
						10.90- 05.95	111312	12 0.8
Sunny 1.4 16V	(N14)[GA14DE]	10.92- 06.95	110631	14 70		AT 10.92- 06.95	111459	12 1.2
						10.92- 06.95	111312	12 0.8
Sunny 1.4 i	(N14)[GA14DS]	10.90- 05.95	110631	14 70		AT 10.90- 05.95	111459	12 1.2
						10.90- 05.95	111312	12 0.8
Sunny 1.5	(B11)[E15S]	03.82- 10.86	110168	14 50				
		03.82- 10.86	110307	14 60		03.82- 10.86	110279	12 0.8
	(B12)[E15S]					06.86- 10.88	110279	12 0.8
	(B310)[A15]	06.79- 02.82	110168	14 50		06.79- 02.82	110142	12 1.0
	(N13)[E15S]					06.86- 10.88	110279	12 0.8
Sunny 1.6	(B12)[E16S]					06.86- 10.88	110279	12 0.8
	(N13)[E16S]					06.86- 10.88	110279	12 0.8
Sunny 1.6 16V	(Y10)[GA16DS]	10.90- 03.94	110631	14 70		10.90- 05.95	111312	12 0.8
		03.94- 05.95	111704	14 70		AT 10.90- 05.95	111459	12 1.2
Sunny 1.6 i 12V	(N13)[GA16i]	10.88- 10.90	110632	14 65				
Sunny 1.6 i 12V 4WD	(B12)[GA16i]					10.88- 08.90	111459	12 1.2
	(10)[GA16DE]	10.92- 03.94	110631	14 70		10.92-	111312	12 0.8
		03.94-	111704	14 70		AT 10.92-	111459	12 1.2
	(N14)[GA16DE]	10.92- 05.95	110631	14 70		AT 10.92- 05.95	111459	12 1.2
						10.92- 05.95	111312	12 0.8
Sunny 1.6 i 16V	(Y10L)[GA16DE]	11.90- 03.94	110631	14 70		10.92-	111312	12 0.8
		03.94- 07.95	111704	14 70		AT 10.92-	111459	12 1.2
						10.92- 05.95	111459	12 1.2
Sunny 1.6 i 16V 4WD	(N14)[GA16DE]	10.92- 05.95	110631	14 70		10.92- 05.95	111459	12 1.2



Sunny 1.6 i	[GA16DS]	10.90- 10.92	110631	14	70	10.90- 10.92	111459	12	1.2	
	(B12)[E16i]					06.86- 10.88	110279	12	0.8	
	[GA16i]	10.88- 06.91	110632	14	65					
	(N13)[E16i]	10.88- 10.90	110632	14	65	06.86- 10.90	110279	12	0.8	
	[GA16i]	10.88- 06.91	110632	14	65					
	(N14)[GA16DE]	10.90- 05.95	110631	14	70					
							AT 10.90- 05.95	111459	12	1.2
							10.90- 05.95	11312	12	0.8
		[GA16DS]	10.90- 05.95	110631	14	70	10.90- 05.95	11312	12	0.8
		(Y10)[GA16DS]	10.92- 03.94	110631	14	70	10.90- 10.93	11312	12	0.8
Sunny 1.6 i 4WD	(B12A)[E16i]	06.86- 05.89	110168	14	50	AT 10.90- 05.95	111459	12	1.2	
Sunny 1.7 Diesel	(B11)[CD17]					03.82- 10.86	110575	12	2.0	
	(B12)[CD17]					01.86- 06.91	110575	12	2.0	
	(N13)[CD17]					06.86- 01.91	110575	12	2.0	
	(Y10)[CD17]					11.90-	110575	12	2.0	
		(N14)[SR20DE]	10.90- 05.95	111264	14	80	10.90- 05.95	111608	12	1.4
Sunny 2.0 i 16V	(N14)[SR20DE]					10.90- 05.95	111608	12	1.4	
Sunny 2.0 i Turbo	(N14)[SR20DET]	10.90- 05.95	111264	14	80					
Sunny 2.0 Diesel	(N14)[CD20]	10.90- 05.95	111294	14	70	10.90- 05.95	110575	12	2.0	
	(Y10)[CD20]	06.91-	111294	14	70	06.91-	110575	12	2.0	
Terrano 2.4 4WD	(R20)[KA24E]					05.96- 09.99	112368	12	1.4	
Terrano 2.4 i 12V	(R20)[KA24E]					02.93- 06.96	111485	12	1.2	
Terrano 2.7 TD	(R20)[TD27T]	02.93- 06.96	111316	14	60	HI				
		02.93- 06.96	112086	14	60	BO				
		02.93- 01.02	115837	14	70	02.93- 01.02	110574	12	2.0	
		02.93- 01.02	115837	14	70	02.93- 06.96	111805	12	2.5	
	(WD21)[TD27T]	08.87- 10.93	110700	14	50					
		02.89- 10.93	111316	14	60	02.89- 02.93	110574	12	2.0	
						02.89- 02.93	111805	12	2.5	
Terrano 2.7 TDi 4WD	(R20)[TD27Ti]	AT 05.96-	112351	14	90	05.96-	111805	12	2.5	
		AT 05.96-	111980	14	70	06.98-	110574	12	2.0	
		AT 05.96-	115837	14	70	06.98-	112365	12	2.2	
Terrano 3.0 Di 4WD	(R20)[ZD30]	04.03-	113797							
Terrano 3.0 Diesel Di 4WD	[ZD30]	05.02-	113787	14	90	05.02-	114032	12	2.5	
Tiida 1.5 DCi	(C11X)[K9K728]	09.07-	113940	14	110	A47, A49	09.07-	113897	12	1.4
	(SC11X)[K9K]	09.07-	113940	14	110	A47, A49	09.07-	113897	12	1.4
Tiida 1.6	(C11X)[HR16DE]	09.07-	115548	14	120		09.07-	115361	12	1.0
	(SC11X)[HR16DE]	09.07-	115548	14	120		09.07-	115361	12	1.0
Tiida 1.8	(C11X)[MR18DE]						09.07-	115341	12	1.0
	(SC11X)[MR18DE]						09.07-	115341	12	1.0
Trade 2.0 Diesel	[LD20]					11.86- 10.98	115567	12	2.4	
Trade 2.8 Diesel	[A428II]					12.86- 12.98	115567	12	2.4	
Trade 3.0	[BD-30Ti]	01.96- 12.98	112394	14	70	01.96- 12.98	110574	12	2.0	
Trade 3.0 Diesel	[BD-30II]					01.94- 12.98	112365	12	2.2	
Urvan 2.0	(E23)[H20]	07.81- 11.82	110168	14	50	07.81- 11.82	110256	12	0.8	
	[Z20]	12.82- 11.88	110168	14	50					
		12.82- 11.88	110307	14	60	12.82- 11.88	110277	12	0.8	
	(E24)[Z20]	05.87-	110168	14	50					
		05.87-	110307	14	60					
		05.87- 05.97	110458	14	60					
	[Z20S]					01.92- 09.93	110277	12	0.8	
Urvan 2.2 Diesel	(E23)[SD22]	07.80- 11.82	110694	14	40	07.80- 04.82	110386	12	1.9	
Urvan 2.3 Diesel	(E23)[SD23]	02.87-	112093	14	70	VP	11.82- 11.88	110386	12	1.9
	(E24)[TD23]	02.87-	110701	14	50					
		02.87-	112093	14	70	11.86- 03.89	111805	12	2.5	
Urvan 2.4	(E24)[Z24S]	11.86- 06.97	110307	14	60					
Urvan 2.5 Diesel	(E24)[TD25]	12.88-	110701	14	50					
		12.88-	112093	14	70	VP	12.88-	111805	12	2.5
	(E24L)[TD25]	12.88-	110701	14	50					
		12.88-	112093	14	70	VP	05.89-	111805	12	2.5
Vanette 1.5	(C22)[A15S]	09.85- 12.95	110264	14	40					
		10.86- 12.95	110168	14	50					
		10.86- 12.95	110307	14	60	10.86- 12.95	110142	12	1.0	
	(KC120)[A15]	07.81- 12.87	110168	14	50					
		01.83- 12.87	110307	14	60					
	01.83- 12.87	110458	14	60						
						05.84- 12.87	110142	12	1.0	
Vanette 2.0 Diesel	(C22)[LD20-II]					07.91- 01.95	114318	12	2.2	
Vanette Cargo 1.6 i	(C23M)[GA16DE]					07.92-	111728	12	1.4	
Vanette Cargo 2.0 Diesel	(C23M)[LD20]	07.92- 09.94	111812	14	90	01.96-	114318	12	2.2	
Vanette Cargo 2.3 Diesel	(C23M)[LD23]	09.94-	111812	14	90					
		01.95- 11.01	113786	14	90					
X-Trail 1.6 dCi	(T32)[R9M]	12.13-	116225*	12	150					
X-Trail 1.6 dCi 4x4	(T32)[R9M]	12.13-	116225*	12	150					
X-Trail 2.0	(T30)[QR20DE]	11.01-	113316	14	110					
	(T31)[MR20DE]					06.07-	115341	12	1.0	
X-Trail 2.0 4WD	(T30)[QR20DE]	07.01-	113316	14	110	AT 07.01-	114763	12	1.4	
X-Trail 2.0 DCi	(T31)[M9R]					06.07-	114074	12	2.2	
X-Trail 2.2 DCi	(T30)[YD22DDTI]	12.03-	113324	14	90	12.03-	113323	12	1.7	
X-Trail 2.2 DCi 4WD	(T30)[YD22DDTI]	12.03-	113324	14	90	12.03-	113323	12	1.7	
X-Trail 2.2 Di 4WD	(T30)[YD22ETI]	07.01-	113324	14	90	07.01-	113323	12	1.7	
X-Trail 2.5	(T31)[QR25DE]					AT 06.07-	114763	12	1.4	
X-Trail 2.5 4WD	[QR25DE]	09.02-	113316	14	110	01.03-	114763	12	1.4	
TRUCKS EU										
100/8 D 5.8	[6.354.3]						116041	24	4.0	
110.35 3.0	(Atleon)[BD-30Ti]					09.00-	112365	12	2.2	
120.35 3.0	(Atleon)[BD-30Ti]					09.00-	112365	12	2.2	
140.70 4.0	(Atleon)[B4-40Ti]					09.03-	114236	24	2.5 A49	
140.75 4.0	[BD-40Ti]					09.00-	114236	24	2.5 A49	
140.80 4.0	(Atleon)[B4-40Ti]					09.03-	114236	24	2.5 A49	
28.12 2.5	[YD25K3LD-5LO]	10.06-	115703	14	150	10.06-	115727	12	2.2	
35.12 2.5	[YD25K3LD-5LO]	10.06-	115703	14	150	10.06-	115727	12	2.2	
35.14 2.5	[YD25K3LD-5MI]	10.06-	115703	14	150	10.06-	115727	12	2.2	
45.15 3.0 Diesel	(F24)[ZD30]	10.06-	113993	14	135					
		10.06-	115317	14	120					
Cabstar 1.6	(F22)[Z16]					10.86- 09.92	110277	12	0.8	
Cabstar 2.0	(F22)[Z20]					01.86- 12.88	110277	12	0.8	

STARTERS & ALTERNATORS



Application list

NISSAN *Continued*

Cabstar 2.3 Diesel	(F22)[SD23]				12.81- 06.92	111805	12 2.5	
	[TD23]	10.86- 06.92	110701	14 50				
		10.86- 06.92	111316	14 60				
					12.81- 06.92	111805	12 2.5	
Cabstar 2.5	(F22)[TD25]	10.86- 06.92	110701	14 50				
	(F24)[YD25DDTI]	09.06-	115703	14 150	10.82- 06.92	111805	12 2.5	
					09.06-	115727	12 2.2	
					09.06-	114232	12 2.0	
Cabstar 2.5 Diesel	(F22)[SD25]				02.83- 02.86	110386	12 1.9	
					02.86- 12.90	110719	12 2.0	
Cabstar 2.7 Diesel	(F22)[TD27]	10.86- 06.92	110701	14 50				
		10.86- 10.88	111316	14 60				
					02.83- 12.90	111805	12 2.5	
Cabstar 3.3 Diesel	(F22)[ED33]				12.81- 12.90	113210	24 3.2	
Cabstar 5.7	(1120)[FD6]				04.85-	110616	24 4.5	
	(1220)[FD6]				04.85-	110616	24 4.5	
	(815)[FE6]				04.85-	110616	24 4.5	
	(818)[FE6]				04.85-	110616	24 4.5	
					04.85-	113675	24 4.0	
E 110.45 3.0 TD	[BD-30Ti]	10.98-	112394	14 70				
		10.98-	113291	14 55	10.98-	110574	12 2.0	
E 120.35 3.0 TD	[BD-30Ti]	10.98-	112394	14 70				
		10.98-	113291	14 55	10.98-	110574	12 2.0	
E 120.45 3.0 TD	[BD-30Ti]	10.98-	112394	14 70				
		10.98-	113291	14 55	10.98-	110574	12 2.0	
E 90.32 2.7 Diesel	[TD27T]	10.98-	112394	14 70				
		10.98-	113291	14 55				
E 90.32 3.0 TD	[BD-30Ti]	10.98-	112394	14 70				
		10.98-	113291	14 55	10.98-	110574	12 2.0	
ECO-T 100 3.0 TD	[BD-30Ti]				04.93- 08.99	112365	12 2.2	
L 80 5.8	[6.354.3]					116041	24 4.0	
M 100 5.8	[6.354.3]					116041	24 4.0	
M 125 5.8	[6.354.3]					116041	24 4.0	
UD520			114414	28 55				
FORK LIFTS								
FD104						110155	12 1.0	
						110256	12 0.8	
FX	[Z24]					110415	12 1.4	
GF 03	[SD33]				01.78-	110616	24 4.5	
H15		01.94-	112069	14 50				
H20	[H20]	01.94-	112069	14 50				
H20S					01.86-	110415	12 1.4	
H25	[PJ01]	01.95-	112069	14 50				
H30					01.90-	111108	12 1.2	
Various Models			112068	14 35		110386	12 1.9	
			116104	28 80		110617	12 1.2	
			113418	28 25		110572	12 1.2	
						115466	12 2.0	
						115377	12 1.0	
					110256	12 0.8		
					114479	12 1.2		
YE 03	[SD33]				01.80-	113675	24 4.0	
YGF 03	[SD33]				01.80-	110616	24 4.5	
					01.80-	113675	24 4.0	
NSU								
PASSENGER CARS EU								
RO 80 1.0	[KKM]				10.67- 07.77	113705	12 1.9	
Oldsmobile								
PASSENGER CARS EU								
Cutlass 3.4 V6 Supreme	[6V]	09.90-	110499	14 100/105				
OMC								
MARINE								
Marine 2.5		01.84- 01.86	111250	14 42 DR				
Marine 3.0		01.84- 01.87	111250	14 42				
Marine 3.8		01.84- 01.85	111250	14 42				
Marine 4.3		01.84- 01.86	111250	14 42				
Marine 5.0		01.84- 01.86	111250	14 42				
Marine 5.7		01.84- 01.86	111250	14 42				
Various Models		01.81- 01.87	111250	14 42		112157	12	
		01.85-	110959	14 55		112145	12 0.5	
		01.85-	111710	14 65		111277	12	
		01.85-	110540	14 55		110216	12 1.4	
						111786	12 1.7	
						112232	12 2.4	
Onan								
MOTORS								
Various Models						113141	12 0.8	
						113476	12	
Opel								
PASSENGER CARS EU								
Adam 1.2	[A12XEL]				10.12-	115646	12 1.1	
Adam 1.4	[A14XEL]				10.12-	115646	12 1.1	
	[A14XER]				10.12-	115395	12 1.1	
					10.12-	115646	12 1.1	
Adam 1.4 S	[B14NEH]	11.14-	114728	14 100	11.14-	115395	12 1.1	
					A25 11.14-	115646	12 1.1	
Adam 1.4 LPG	[A14XEL]	07.13-	114728	14 100	07.13-	115646	12 1.1	
					07.13-	115395	12 1.1	
Agila 1.0	[K10B]	09.07-	114247	14 75	09.07-	114871	12 1.1	
	[Z10XEP]	08.03-	111824	14 70	09.03-	113276	12 1.1	
Agila 1.0 i 12V	[Z10XE]	09.00-	111824	14 70	Chas. 19P00894-	09.00-	113276	12 1.1
		Chas. 1G021260-	09.00-	111824	14 70	Chas. -19P00893	09.00-	111123
Agila 1.0 LPG	[K10B]	01.10-	114247	14 75				
Agila 1.2	[K12B]	09.07-	114247	14 75	09.07-	114871	12 1.1	
Agila 1.2 16V Twinport	[Z12XEP]	07.04-	111824	14 70	07.04-	113276	12 1.1	
					07.04-	111123	12 0.9	



Agila 1.2 i 16V	[Z12XE]	09.00-	111824	14	70		09.99-	111684	12	1.4	
							09.00-	111123	12	0.9	
		Chas. 1G021260-	09.00-	111824	14	70	09.00-	113276	12	1.1	
Agila 1.2 LPG	[K12B]		09.07-	114247	14	75					
Agila 1.3 CDTi	[D13A]		09.07-	113720	14	75	A49				
			09.07-	113722	14	90					
			09.07-	116064	14	75					
	[Z13DT]		08.03-	113720	14	75	A49	08.03-	113719	12	1.3
			08.03-	113722	14	90	A49	08.03-	113843	12	1.1
			08.03- 12.07	115963	14	90		08.03- 12.07	115869	12	1.3
		08.03- 12.07	116064	14	75					A49	
[Z13DTJ]		09.07-	113720	14	75	A49					
		09.07-	113722	14	90						
		09.07-	116064	14	75						
Antara 2.0 CDTi	[Z20DMH]		05.06-	115380	14	120		05.06-	114159	12	1.8
	[Z20S]		05.06-	115380	14	120		05.06-	114159	12	1.8
Antara 2.2 CDTi	[A22DM]		12.10-	115761	14	140		12.10-	115571	12	2.2
Antara 2.2 CDTi 4x4	[A22DM]		12.10-	115761	14	140		12.10-	115571	12	2.2
	[A22DMH]		12.10-	115761	14	140		12.10-	115571	12	2.2
Antara 2.4	[A24XE]		12.10-	116180	14	140					
	[Z24XE]						09.08-	111848	12	1.0	
	[Z24XED]						05.06-	111848	12	1.0	
Antara 2.4 4x4	[Z24XE]						01.07-	111848	12	1.0	
Antara 2.4 BiFuel LPG	[Z24XE]						10.08-	111848	12	1.0	
Antara 3.2 V6	[10HM]		03.07-	114235	14	120					
	[Z32SEE]		03.07-	114235	14	120					
Arena 1.9 Diesel	[19DJ]		01.97- 12.01	111718	14	75		01.97- 12.01	113481	12	1.4
	[19DL]		01.97- 12.01	111718	14	75		01.97- 12.01	113481	12	1.4
	[F8Q600]		03.98- 08.01	111718	14	75		03.98- 08.01	113481	12	1.4
	[F8Q606]		03.98- 08.01	111718	14	75		03.98- 08.01	113481	12	1.4
Arena 2.5 Diesel	[25DG]		01.97- 12.01	111937	14	75		01.97- 12.01	113134	12	2.2
			01.97- 12.01	112057	14	110					
	[25DM]		01.97- 12.01	111937	14	75		01.97- 12.01	113134	12	2.2
			01.97- 12.01	112057	14	110					
	[S8U780]		03.98- 08.01	111937	14	75		03.98- 08.01	113134	12	2.2
			03.98- 08.01	112057	14	110					
	[S8U782]		03.98- 08.01	112057	14	110					
Ascona A 1.2 S	[12S]		04.72- 08.75	110077	14	50					
Ascona B 1.2	[12N]		08.76- 02.79	110077	14	50					
Ascona B 1.2 S	[12S]		09.75- 02.79	110077	14	50					
Ascona B 1.3	[13N]		03.79- 08.81	113376	14	55					
Ascona B 1.3 S	[13S]		08.79- 08.81	113376	14	55					
Ascona B 2.0	[20N]		08.77- 08.81	113376	14	55					
Ascona B 2.0 Diesel	[20D]		08.78- 08.81	113376	14	55					
Ascona C 1.3	[13N]		09.81- 08.86	113376	14	55					
Ascona C 1.3 S	[13S]		09.81- 08.88	113376	14	55					
Ascona C 1.6	[16N]		09.81- 08.88	111168	14	55					
	[16SV]		09.86- 08.88	113376	14	55		09.86- 08.88	111127	12	1.4
							09.86- 08.88	111123	12	0.9	
Ascona C 1.6 i	[C16LZ]		09.86- 08.87	113376	14	55		09.86- 08.87	111127	12	1.4
							09.86- 08.87	111123	12	0.9	
	[C16NZ]		09.87- 08.88	113376	14	55		08.87- 08.88	111127	12	1.4
							08.87- 08.88	111123	12	0.9	
	[E16LZ]		09.87- 08.88	113376	14	55		09.87- 08.88	111127	12	1.4
							09.87- 08.88	111123	12	0.9	
	[E16NZ]		09.87- 08.88	113376	14	55		09.87- 08.88	111127	12	1.4
							09.87- 08.88	111123	12	0.9	
Ascona C 1.6 S	[16SH]		09.81- 08.86	111168	14	55					
Ascona C 1.6 Diesel	[16D]		03.82- 08.88	110972	14	65		03.82- 08.88	110839	12	1.7
			09.84- 08.88	112056	14	70					
	[16DA]		03.82- 08.88	110972	14	65		03.82- 08.88	110839	12	1.7
			09.84- 08.88	112056	14	70					
Ascona C 1.8	[E18NV]		09.87- 08.88	111168	14	55		09.87- 08.88	110847	12	1.4
	[S18NV]		01.85- 08.86	111168	14	55					
Ascona C 1.8 E	[C18NE]		01.85- 08.86	111168	14	55					
Ascona C 1.8 i	[18E]		09.82- 08.86	111168	14	55					
	[C18NE]		01.85- 08.86	111168	14	55					
Ascona C 2.0 GTi	[20SEH]		03.87- 08.88	111168	14	55		03.87- 08.88	110847	12	1.4
Ascona C 2.0 i	[20NE]		09.86- 08.88	111168	14	55		09.86- 08.88	110847	12	1.4
	[20SEH]		03.87- 08.88	111168	14	55		03.87- 08.88	110847	12	1.4
	[C20NE]		09.86- 08.88	111168	14	55		09.86- 08.88	110847	12	1.4
	[C20NEF]						08.87- 08.88	110847	12	1.4	
										BO	
Astra Classic 1.4	[Z14XEP]		01.09-	111824	14	70		01.09-	113276	12	1.1
			01.09-	114492	14	100					
			01.09-	115304	14	120					
Astra Classic 1.7 CDTi	[A17DTJ]		01.09-	114512	14	140		01.09-	112320	12	1.4
			01.09-	114665	14	100					
			01.09-	114512	14	140		01.09-	112320	12	1.4
			01.09-	114665	14	100					
Astra Classic 1.8	[Z18XER]		02.13-	114431	14	120		02.13-	114298	12	1.1
			02.13-	115306	14	120					
			02.13-	115843	14	120					
Astra Classic Estate 1.6	[Z16XER]		01.09-	114431	14	120		01.09-	114298	12	1.1
			01.09-	114668	14	100					
			01.09-	115306	14	120					
Astra Classic Estate 1.7 CDTi	[A17DTR]		01.09-	114512	14	140		01.09-	112320	12	1.4
			01.09-	114665	14	100					
Astra Classic Saloon 1.7 CDTi	[A17DTR]		01.09-	114512	14	140		01.09-	112320	12	1.4
			01.09-	114512	14	140		01.09-	112320	12	1.4
			01.09-	114665	14	100					
Astra F 1.4	[14NV]		09.91-	112229	14	70		09.91- 09.93	111123	12	0.9
								09.97-	111127	12	1.4
			09.92- 09.98	110077	14	50		09.92- 09.98	111123	12	0.9
		PS 09.92-	111426	14	100						
Astra F 1.4 i 16V	[X14NZ]		PS 01.98-	112229	14	70		01.98-	111123	12	0.9

STARTERS & ALTERNATORS



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	[X14XE]	01.96-02.98	111426	14	100		09.97-	111123	12	0.9
		01.96-02.98	111732	14	120		09.97-	111127	12	1.4
		02.96-	112229	14	70		Ecotec 09.97-09.00	111684	12	1.4
		09.97-03.01	111990	14	70					
		09.97-02.98	115619	14	120					
		03.98-	112416	14	100					
	Chas. -12257452, -15257663, -18131574	09.97-02.98	115619	14	120					
Astra F 1.4 i	[C14NZ]	09.91-01.99	110077	14	50		09.91-01.98	111123	12	0.9
		09.91-	112229	14	70		09.91-01.98	111127	12	1.4
		PS 09.91-01.98	112229	14	70					
		PS 09.92-01.98	111426	14	100					
	[C14SE]	03.92-09.98	110077	14	50		03.92-09.98	111127	12	1.4
							03.92-09.98	111123	12	0.9
		PS 08.92-02.98	112229	14	70					
		PS 09.92-	111426	14	100					
	[X14NZ]	09.91-09.98	110077	14	50		Only X14NZ OHC 09.97-08.00	111684	12	1.4
		09.91-09.98	112229	14	70		09.91-09.98	111127	12	1.4
		PS 09.91-09.98	111426	14	100		09.91-09.98	111123	12	0.9
		PS 09.91-09.98	112229	14	70					
Astra F 1.4 Si	[C14SE]	03.92-03.01	110077	14	50		03.92-01.98	111127	12	1.4
							03.92-01.98	111123	12	0.9
		PS 08.92-01.98	112229	14	70					
Astra F 1.6	[16LZ2]	09.95-09.98	111426	14	100					
		09.95-09.98	111732	14	120					
		09.95-09.98	112229	14	70					
		02.98-	111990	14	70					
Astra F 1.6 i 16V	[X16XEL]	08.94-09.98	110077	14	50		09.94-	111123	12	0.9
							09.94-	111127	12	1.4
		09.94-	112229	14	70					
Astra F 1.6 i	[16LZ2]	09.94-01.98	111426	14	100					
		09.94-01.98	111732	14	120					
		09.95-01.98	112229	14	70					
	[16NZR]						09.95-09.98	111123	12	0.9
		PS 09.95-09.98	111426	14	100		09.95-09.98	111127	12	1.4
	[C16NZ]	09.91-01.98	110077	14	50		09.91-08.94	111127	12	1.4
		09.91-08.94	111732	14	120		09.91-08.94	111123	12	0.9
		PS 03.92-08.94	112229	14	70					
		PS 09.92-08.94	111426	14	100					
	[C16SE]	09.91-02.98	112229	14	70		03.92-02.98	111127	12	1.4
		03.92-12.94	110077	14	50					
		PS 09.92-	111426	14	100					
	[C16SZR]	PS 03.92-08.94	111426	14	100		03.92-08.94	111123	12	0.9
		PS 03.92-08.94	112229	14	70		03.92-08.94	111127	12	1.4
	[X16SZ]	03.93-08.96	110077	14	50		09.92-03.96	111127	12	1.4
							09.92-02.96	111684	12	1.4
							09.92-07.96	111123	12	0.9
		PS, Chas. P25...-,P30...-,P40...-,P50...-,P80...-	09.92-03.96	112229	14	70				
		PS 09.92-07.96	112229	14	70					
	[X16SZR]	09.91-01.05	110077	14	50		09.91-06.93	111127	12	1.4
		PS 09.92-06.93	111426	14	100		09.95-08.00	111684	12	1.4
		PS 09.92-06.93	112229	14	70		09.91-06.93	111123	12	0.9
	[X16XEL]	08.94-03.98	111426	14	100		08.94-03.98	111123	12	0.9
		08.94-03.98	111732	14	120					
Astra F 1.7 Diesel	[17D]	12.91-	111168	14	55		08.92-08.94	110839	12	1.7
		12.91-09.92	111515	14	70					
		12.91-08.94	112056	14	70					
	[17DR]	12.91-08.94	112056	14	70		Eng. 14292840- 07.92-08.94	110839	12	1.7
		07.92-01.99	111515	14	70					
			111426	14	100					
Astra F 1.7 TD	[X17DT (TC4EE1)]	03.95-02.98	111186	14	70		03.95-02.98	111274	12	1.2
		03.95-02.98	111515	14	70		03.95-02.98	111690	12	1.1
	[X17DTL]	12.91-03.96	111186	14	70	VP	08.94-	110839	12	1.7
		08.94-01.99	111515	14	70	VP				
		08.94-	112056	14	70					
		AC 04.96-	111831	14	100	VP				
Astra F 1.7 TDS	[17DT (TC4EE1)]	12.91-01.98	111186	14	70		12.91-03.96	111274	12	1.2
		04.96-01.98	111515	14	70		Eng. 997453- 12.91-01.98	111690	12	1.1
	Chas. T2000001-	04.96-01.98	111515	14	70					
	[X17DT (TC4EE1)]	04.96-01.98	111515	14	70		04.96-01.98	111690	12	1.1
		AC 04.96-01.98	111831	14	100					
Astra F 1.8 16V	[18SE]	09.95-09.96	111426	14	100		09.95-09.96	111848	12	1.0
		09.95-09.96	111732	14	120					
		09.95-09.96	112229	14	70					
	[C18SEL]	09.95-08.97	111426	14	100		09.95-08.97	111848	12	1.0
		09.95-08.97	111732	14	120					
		09.95-08.97	112229	14	70					
Astra F 1.8 i 16V	[C18XE]	09.92-02.98	111426	14	100		09.93-02.98	111848	12	1.0
		09.92-02.98	111732	14	120					
		03.93-02.98	112229	14	70					
		06.93-01.98	111514	14	100					
	[C18XEL]	07.94-03.96	111426	14	100		07.94-03.96	111848	12	1.0
		07.94-01.98	111514	14	100					
		07.94-02.98	111732	14	120					
		07.94-03.96	112229	14	70					
		PS 09.94-03.96	112229	14	70					
	[X18XE]	07.94-01.98	111514	14	100		04.96-04.98	111848	12	1.0
		09.95-09.98	111732	14	120					
		04.96-04.98	111426	14	100					
		04.96-04.98	112229	14	70					
		PS 04.96-02.98	112229	14	70					
Astra F 1.8 i	[C18NZ]	09.91-08.92	111169	14	70		09.91-12.94	110847	12	1.4
		09.91-02.98	111426	14	100					BO
		09.91-01.98	111514	14	100					
		09.91-02.98	111732	14	120					
		09.91-	112229	14	70					
	Chas. P250...-,P300...-,P400...-,P500...-,P600...-	09.92-02.98	112229	14	70					



Astra F 2.0 GSi 16V	[C20XE]	09.91- 02.98	111426	14	100	09.91- 12.94	110847	12	1.4	BO			
		09.91- 02.98	111732	14	120								
		09.91- 02.98	112056	14	70								
		09.91- 02.98	112229	14	70								
	PS 09.91-	112229	14	70									
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14	100	09.91- 12.94	110847	12	1.4	BO			
		09.91-	111732	14	120								
		09.91-	112056	14	70								
		09.91-	112229	14	70								
		[X20XEVI]	01.95-	111426	14	100	01.95-	111848	12	1.0			
			01.95-	111732	14	120							
			01.95-	112229	14	70							
			02.95- 09.98	111514	14	100							
			02.98-	111990	14	70							
			03.98-	112416	14	100							
	PS 01.95-	112229	14	70									
Astra F 2.0 i	[C20NE]	09.91- 08.92	111169	14	70	09.91- 12.94	110847	12	1.4	BO			
		09.91- 02.98	111426	14	100								
		09.91- 09.98	111514	14	100								
		09.91- 02.98	111732	14	120								
		09.91- 02.98	112229	14	70								
		Chas. P250.-,P300.-,P400.-,P500.-,P600.-,P810.-	09.92- 02.98	112229	14						70		
Astra Family 1.4	[Z14XEP]	01.09-	111824	14	70	01.09-	113276	12	1.1				
		01.09-	114492	14	100								
		01.09-	115304	14	120								
Astra G 1.2 16V	[X12XE]	02.98-	111824	14	70	02.98-	111123	12	0.9				
						02.98-	113276	12	1.1				
Astra G 1.2 i 16V	[X12XE]	09.98-	111824	14	70	09.97- 09.00	111684	12	1.4				
										09.98-	111123	12	0.9
							09.98-	113276	12	1.1			
		[Z12XE]	09.00-	111824	14	70	Ecotec 09.00-	111684	12	1.4			
						09.00-	113276	12	1.1				
Astra G 1.4 i 16V	[X14XE]	02.98-	111990	14	70	02.98-	111123	12	0.9				
		02.98-	112416	14	100								
	Chas. -12257452, -15257663, -18131574	09.97- 09.00	115619	14	120								
		[Z14XE]	02.98-	111990	14	70	Ecotec 09.00-	111684	12	1.4			
			02.98-	112416	14	100	02.98-	111123	12	0.9			
	Chas. -12257452, -15257663, -18131574	09.00- 06.04	115619	14	120	02.98-	113276	12	1.1				
Astra G 1.6	[Z16XEP]	01.03- 10.05	114431	14	120	03.03- 04.05	113276	12	1.1				
										03.03-	111123	12	0.9
										10.04- 04.05	114298	12	1.1
Astra G 1.6 16V	[X16XEL]	02.98-	111990	14	70	02.98-	111123	12	0.9				
		02.98-	112416	14	100								
	Chas. -12257452, -15257663, -18131574	09.97- 08.00	115619	14	120	02.98-	113276	12	1.1				
		[Z16XE]	03.00- 05.05	114431	14	120	03.00- 05.05	113276	12	1.1			
		[Z16XEP]	03.00- 05.05	114431	14	120	03.00-	111123	12	0.9			
Astra G 1.6 i 16V	[X16XEL]	02.98-	111990	14	70	02.98-	111123	12	0.9				
		09.98-	112416	14	100								
	Chas. -12257452, -15257663, -18131574	09.97- 08.01	115619	14	120	09.98-	113276	12	1.1				
		[Z16XE]	02.98-	111990	14	70	02.98-	111123	12	0.9			
			02.98-	112416	14	100	02.98-	113276	12	1.1			
	Chas. -12257452, -15257663, -18131574	09.00- 08.05	115619	14	120								
Astra G 1.6 i	[X16SZR]	02.98-	111990	14	70	02.98-	111123	12	0.9				
		02.98-	112416	14	100								
	Chas. -12257452, -15257663, -18131574	09.97- 09.00	115619	14	120	02.98-	113276	12	1.1				
		[Z16SE]	09.00-	111990	14	70	09.00-	111123	12	0.9			
		09.00-	112416	14	100	09.00-	113276	12	1.1				
Chas. -12257452, -15257663, -18131574	09.00- 06.04	115619	14	120									
Astra G 1.6 Twinport	[Z16XEP]	12.02- 01.05	114431	14	120	03.03- 06.04	113276	12	1.1				
						03.03- 06.04	111123	12	0.9				
Astra G 1.6	[Z16YNG]	09.02- 06.04	115619	14	120	09.02- 06.04	113276	12	1.1				
										09.02-	111684	12	1.4
Astra G 1.7 CDTi	[Z17DTL]	03.03- 06.04	112271	14	100	03.03- 06.04	112320	12	1.4				
		07.03- 11.04	112271	14	100					07.03- 11.04	112320	12	1.4
Astra G 1.7 DTi 16V	[Y17DT]	02.00- 04.05	112271	14	100	02.00- 04.05	112320	12	1.4				
		02.00- 04.05	112272	14	70								
		AC 02.00-	112271	14	100								
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14	100	02.98-	110839	12	1.7				
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14	70	02.98-	112431	12	1.1				
		02.98-	112416	14	100								
		Chas. -12257452, -15257663, -18131574	09.97- 09.00	115619	14					120			
Astra G 1.8 i 16V	[X18XE1]	02.98-	111990	14	70	03.98-	112431	12	1.1				
		09.98-	112416	14	100								
	Chas. -12257452, -15257663, -18131574	09.97- 08.00	115619	14	120	09.98-	113276	12	1.1				
		[Z18XE]	09.00-	111990	14	70	09.00-	112431	12	1.1			
			09.00-	112416	14	100	09.00-	113276	12	1.1			
	Chas. -12257452, -15257663, -18131574	09.00- 08.05	115619	14	120								
Astra G 2.0	[Z20LER]	11.02-	112416	14	100	09.02- 01.04	111848	12	1.0				
		11.02- 03.05	115619	14	120								
		[Z20LET]	09.02- 07.04	115619	14	120	09.01- 06.04	111848	12	1.0			
		11.02-	112416	14	100								
Astra G 2.0 OPC	[Z20LET]	09.01- 06.04	115619	14	120	09.02- 01.04	111848	12	1.0				
		09.02-	112416	14	100								
Astra G 2.0 16V	[X20XEVI]	09.97- 06.04	115619	14	120	02.98-	111848	12	1.0				
		02.98-	111990	14	70								
		02.98-	112416	14	100								
	[Z20LET]	03.02-	112416	14	100	03.02-	111848	12	1.0				
Astra G 2.0 i 16V	[X20XER]	11.99-	112416	14	100	11.99-	111848	12	1.0				
		11.99- 09.02	115619	14	120								
			[X20XEVI]	02.98-	111990					14	70	02.98-	111848
		09.98-	112416	14	100								
		09.98- 01.04	115619	14	120								
Astra G 2.0 Turbo 16V	[Z20LET]	12.00-	112416	14	100	03.00-	111848	12	1.0				
		Chas. Y6062241-	03.00-	112416	14					100			

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Astra G 2.0 Diesel Di	[X20DTL]	01.99-	112415	14	120	A49				
		01.99- 04.05	113879	14	100					
		01.99- 04.05	116334*	14	120					
Astra G 2.0 Diesel	[X20DTL]	02.98-	112415	14	120	A49	02.98-	113674	12 2.0	
		02.98- 01.05	113879	14	100					
		02.98- 01.05	116334*	14	120					
	[Y20DTL]	02.98-	112415	14	120	A49	02.98-	113674	12 2.0	
		02.98- 01.05	113879	14	100					
		02.98- 01.05	116334*	14	120					
Astra G 2.0 DTi 16V	[X20DTH]	08.99- 06.04	112415	14	120	A49	08.99-	113674	12 2.0	
		08.99- 01.05	116334*	14	120					
	[Y20DTH]	08.99- 06.04	112415	14	120	A49	08.99-	113674	12 2.0	
		08.99- 01.05	116334*	14	120					
Astra G 2.2 i 16V	[Z22SE]	09.00-	113352	14	120		09.00- 05.05	114341	12 1.2	
Astra G 2.2 DTi	[Y22DTR]	09.02- 01.05	112415	14	120	A49	09.02- 01.05	113674	12 2.0	
		09.02- 10.05	114656	14	140					
		09.02- 01.05	114658	14	140					
		09.02- 10.05	116334*	14	120					
		A19 09.02- 01.05	114658	14	140					
Astra G Classic 1.6	[Z16XEP]	02.06- 07.09	114431	14	120		02.06- 07.09	114298	12 1.1	
							02.06- 07.09	113276	12 1.1	
Astra H 1.2	[Z12XEP]	08.05-	114492	14	100		08.05-	111824		
		08.05-	115304	14	120					
Astra H 1.3 CDTi	[Z13DTH]	08.05-	113720	14	75	A49	08.05-	113719	12 1.3	
		08.05-	113722	14	90	A49	08.05-	113843	12 1.1	
		08.05-	114451	14	105		08.05-	114029	12 1.8	
		08.05-	115308	14	120		08.05-	115869	12 1.3 A49	
		08.05-	115963	14	90					
		08.05-	116064	14	75					
Astra H 1.3 CDTi GTC	[Z13DTH]	01.06-	113722	14	90	A49	01.06-	113719	12 1.3	
		01.06-	114451	14	105		01.06-	113843	12 1.1	
		01.06-	115308	14	120		01.06-	114029	12 1.8	
		01.06-	115963	14	90		01.06-	115869	12 1.3 A49	
Astra H 1.4	[Z14XEL]	04.04- 10.04	111824	14	70		04.04- 10.04	113276	12 1.1	
		03.05-	113722	14	90	A49				
		03.05-	115963	14	90					
	[Z14XEP]					03.04-	111123	12 0.9		
Astra H 1.4 Twinport GTC	[Z14XEP]					03.05-	111123	12 0.9		
Astra H 1.4 LPG	[Z14XEP]	08.09-	111824	14	70	08.09-	113276	12 1.1		
		08.09-	114492	14	100					
		08.09-	115304	14	120					
Astra H 1.6	[A16XER]	12.06-	114431	14	120		12.06-	114298	12 1.1	
		12.06-	114668	14	100					
		12.06-	115306	14	120					
	[Z16XE1]	03.04-	114431	14	120		03.04-	114298	12 1.1	
							03.04-	113276	12 1.1	
	[Z16XEP]	03.04-	114431	14	120		03.04-	114298	12 1.1	
							03.04-	113276	12 1.1	
	[Z16XER]	12.06-	114431	14	120		12.06-	114298	12 1.1	
		12.06-	114668	14	100					
		12.06-	115306	14	120					
Astra H 1.6 Ecotec	[Z16XER]	02.07-	114431	14	120	02.07-	114298	12 1.1		
		02.07-	115306	14	120					
Astra H 1.6 GTC	[Z16XER]	12.06-	114431	14	120		12.06-	114298	12 1.1	
		12.06-	114668	14	100					
		12.06-	115306	14	120					
Astra H 1.6 Turbo	[Z16LET]	02.07-	115843	14	120	02.07-	114298	12 1.1		
Astra H 1.6 Turbo GTC	[Z16LET]	02.07-	115843	14	120	02.07-	114298	12 1.1		
Astra H 1.6 Twinport	[Z16XE1]	08.04-	114431	14	120		08.04-	114298	12 1.1	
							08.04-	113276	12 1.1	
	[Z16XEP]	08.04-	114431	14	120		08.04-	114298	12 1.1	
							08.04-	113276	12 1.1	
Astra H 1.6 Twinport GTC	[Z16XE1]	03.05-	114431	14	120		03.05-	114298	12 1.1	
							03.05-	113276	12 1.1	
	[Z16XEP]	03.05-	114431	14	120		03.05-	114298	12 1.1	
							03.05-	113276	12 1.1	
Astra H 1.6 CNG	[Z16YNG]	11.05-	115619	14	120					
Astra H 1.6 LPG	[Z16XER]	08.09-	114431	14	120		08.09-	114298	12 1.1	
		08.09-	114668	14	100					
		08.09-	115306	14	120					
Astra H 1.7 CDTi	[A17DTJ]	02.07-	114512	14	140		02.07-	112320	12 1.4	
		02.07-	114665	14	100					
	[A17DTR]	02.07-	114512	14	140		02.07-	112320	12 1.4	
		02.07-	114665	14	100					
	[D17DTL]	08.04-	113956	14	100		08.04-	112320	12 1.4	
		08.04-	114121	14	110					
	[Z17DTH]	03.04-	113956	14	100		03.04-	112320	12 1.4	
		03.04-	114121	14	110					
	AC	08.04-	114121	14	110					
	[Z17DTJ]	02.07-	114512	14	140		02.07-	112320	12 1.4	
		02.07-	114665	14	100					
	[Z17DTL]	03.04-	113956	14	100		03.04-	112320	12 1.4	
		03.04-	114121	14	110					
[Z17DTR]	02.07-	114665	14	100		02.07-	112320	12 1.4		
	07.10-	114512	14	140						
Astra H 1.7 CDTi Ecotec	[Z17DTL]	03.05- 03.07	113956	14	100					
		AC 03.05- 03.07	114121	14	110					
Astra H 1.7 CDTi GTC	[A17DTJ]	02.07-	114665	14	100					
		02.07-	114665	14	100					
	[Z17DTH]	03.05-	113956	14	100		03.05-	112320	12 1.4	
		AC 03.05-	114121	14	110					
Astra H 1.7 CRDi	[Z17DT]	02.07-	114665	14	100	02.07-	112320	12 1.4		
Astra H 1.8	[A18XER]	08.05-	114431	14	120		08.05-	114298	12 1.1	
		09.05-	114668	14	100					
		Chas. 72094719-, 75086480-, 78048188-	09.05-	115306	14	120				
		Chas. -72094718, -75086479, -78048187	09.05-	114431	14	120				
		[Z18XE]	03.04-	115619	14	120		03.04-	113276	12 1.1



	[Z18XER]	08.05- 09.05- Chas. 72094719-, 75086480-, 78048188- Chas. -72094718, -75086479, -78048187	09.05- 09.05- 09.05- 09.05-	114431 114668 115306 114431	14 120 14 100 14 120 14 120		08.05-	114298	12 1.1
Astra H 1.8 Ecotec	[A18XER]	Chas. 72094719-, 75086480- , 78048188- Chas. -72094718, -75086479, -78048187	02.07- 02.07- 02.07-	115306 114431 115306	14 120 14 120 14 120		02.07-	114298	12 1.1
	[Z18XER]	Chas. 72094719-, 75086480- , 78048188- Chas. -72094718, -75086479, -78048187	02.07- 02.07- 02.07-	115306 114431 115306	14 120 14 120 14 120		02.07-	114298	12 1.1
Astra H 1.8 GTC	[Z18XER]	Chas. 72094719-, 75086480-, 78048188- Chas. -72094718, -75086479, -78048187	01.06- 01.06- 01.06-	114668 115306 114431	14 100 14 120 14 120		01.06-	114298	12 1.1
Astra H 1.8 I GTC	[Z18XE]		03.05-	115619	14 120		03.05-	113276	12 1.1
Astra H 1.9 CDTi 16V	[Z19DTH]		04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49				
	[Z19DTJ]		04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		04.04-	114058	12 1.7
Astra H 1.9 CDTi 16V GTC	[Z19DTH]		03.05- 03.05- 03.05- 03.05- 03.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		03.05-	113931	12 1.7
	[Z19DTJ]		03.05- 03.05- 03.05- 03.05- 03.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		03.05-	114058	12 1.7
Astra H 1.9 CDTi	[Z19DT]		09.05- 09.05- 09.05- 09.05- 09.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		09.05-	113931	12 1.7
	[Z19DTH]		09.04- 09.04- 09.04- 09.04- 09.04- 09.04-	113904 113955 114088 114204 114510 115487	14 130 14 105 14 140 14 120 14 120 14 140 A49		09.04- 09.04-	113931 114058	12 1.7 12 1.7
	[Z19DTJ]		08.04-	113904	14 130		08.04-	114058	12 1.7
	[Z19DTL]		09.05- 09.05- 09.05- 09.05- 09.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		09.05-	113931	12 1.7
Astra H 1.9 CDTi GTC	[Z19DT]		09.05- 09.05- 09.05- 09.05- 09.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		09.05-	113931	12 1.7
	[Z19DTL]		01.06- 01.06- 01.06- 01.06- 01.06-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		01.06-	113931	12 1.7
Astra H 2.0 Turbo	[Z20LEH]		03.05-	115846	14 120		03.05-	111848	12 1.0
	[Z20LEL]		03.04-	115846	14 120		03.04-	111848	12 1.0
	[Z20LER]		09.04-	115846	14 120		09.04-	111848	12 1.0
Astra H 2.0 Turbo GTC	[Z20LEH]		08.05-	115846	14 120		08.05-	111848	12 1.0
	[Z20LEL]		03.05-	115846	14 120		03.05-	111848	12 1.0
	[Z20LER]		03.05-	115846	14 120		03.05-	111848	12 1.0
Astra J 1.3 CDTi 16V Ecoflex	[A13DTE]		10.10-	115862	14 120		10.10-	115570	12 1.4
Astra J 1.3 CDTi	[A13DTE]		06.12-	115862	14 120		06.12-	115570	12 1.4
Astra J 1.4	[A14NEL]						10.11-	115395	12 1.1
	[A14XER]		06.12-	114728	14 100		10.11-	115646	12 1.1
							10.11-	115395	12 1.1
Astra J 1.4 Ecoflex	[A14XER]		10.10-	114728	14 100		10.10-	115719	12 1.1
							10.10-	115646	12 1.1
Astra J 1.4 GTC	[A14NET]						10.11-	115395	12 1.1
							10.11-	115646	12 1.1
Astra J 1.4 Turbo	[A14NEL]		10.10-	114728	14 100		10.10-	115719	12 1.1
							10.10-	115395	12 1.1
							10.10-	115646	12 1.1
	[A14NET]		10.10-	114728	14 100		10.10-	115646	12 1.1
							06.12-	115395	12 1.1
							10.10-	115719	12 1.1
Astra J 1.4 LPG	[A14NET]						07.14-	115395	12 1.1
							07.14-	115646	12 1.1
Astra J 1.4 BiFuel LPG	[A14NET]		01.12-	114728	14 100		01.12-	115719	12 1.1
							01.12-	115395	12 1.1
							01.12-	115646	12 1.1
Astra J 1.6	[A16LET]		10.11- 10.11-	114067 114779	14 140 14 100		10.11-	114298	12 1.1
	[A16XER]		10.10- 10.10- 10.10- 10.10-	114067 114779 114779 115861	14 140 14 100 14 100 14 140		10.10- A25 10.10-	114298 116257	12 1.1 12 1.7
Astra J 1.6 Ecotec	[A16XER]		12.09- 12.09- 12.09-	114779 115410 115861	14 100 14 100 14 140		12.09- A25 12.09-	114298 116257	12 1.1 12 1.7

STARTERS & ALTERNATORS



Application list

OPEL *Continued*

Astra J 1.6 Sports Tourer	[A16XER]	10.12-	114779	14	100		10.12-	114298	12	1.1	
		10.12-	115410	14	100		A25 10.12-	116257	12	1.7	
Astra J 1.6 Turbo	[A16LET] [A16XER]	06.12-	114779	14	100		06.12-	114298	12	1.1	
		06.12-	114779	14	100		06.12-	114298	12	1.1	
		06.12-	115861	14	140		A25 06.12-	116257	12	1.7	
Astra J 1.6 Turbo ecotec	[A16LET]	10.10-	114067	14	140		10.10-	114298	12	1.1	
		10.10-	114779	14	100						
Astra J 1.7 CDTi 16V Ecotec	[A17DTC] [A17DTE] [A17DTJ] [A17DTR] [A17DTS]	10.10-	114726	14	100		10.10-	112320	12	1.4	
		10.10-	115396*	14	140						
		10.10-	114726	14	100		10.10-	112320	12	1.4	
		10.10-	115396*	14	140						
		10.10-	114726	14	100		10.10-	112320	12	1.4	
		10.10-	115396*	14	140						
		10.10-	114726	14	100		10.10-	112320	12	1.4	
Astra J 1.7 CDTi	[A17DTC] [A17DTE] [A17DTF] [A17DTJ] [A17DTL] [A17DTN] [A17DTS]	06.12-	114726	14	100		06.12-	112320	12	1.4	
		06.12-	115396*	14	140		A25 06.12-	115830	12	2.0	
		06.12-	114726	14	100		06.12-	112320	12	1.4	
		06.12-	115396*	14	140		A25 06.12-	115830	12	2.0	
		12.09-	114726	14	100		06.12-	112320	12	1.4	
		06.12-	115396*	14	140		A25 12.09-	115830	12	2.0	
		A25 12.09-	115396*	14	140						
		06.12-	114726	14	100		06.12-	112320	12	1.4	
		06.12-	115396*	14	140		A25 06.12-	115830	12	2.0	
		10.10-	114726	14	100						
		10.10-	115396*	14	140		10.10-	112320	12	1.4	
Astra J 1.7 CDTi GTC	[A17DTC] [A17DTE] [A17DTF] [A17DTJ] [A17DTS]	10.11-	114726	14	100		10.11-	112320	12	1.4	
		10.11-	115396*	14	140		10.11-	115830	12	2.0	
		10.11-	114726	14	100		10.11-	112320	12	1.4	
		10.11-	115396*	14	140		10.11-	115830	12	2.0	
		10.11-	114726	14	100		10.11-	112320	12	1.4	
		10.11-	115396*	14	140		10.11-	115830	12	2.0	
		10.11-	114726	14	100		10.11-	112320	12	1.4	
Astra J 1.7 CDTi Sports Tourer	[A17DTF] [A17DTS]	10.10-	114726	14	100		10.10-	115830	12	2.0	
		A25 10.10-	115396*	14	140						
		10.10-	114726	14	100		10.10-	115830	12	2.0	
Astra J 1.8 GTC	[A18XER]	10.11-	114067	14	140		10.11-	114298	12	1.1	
		10.11-	114779	14	100						
Astra J 2.0 GTC	[A20NFT] [A20DTH]	10.11-	115410	14	100						
		10.11-	115861	14	140						
		04.12-	116180	14	140						
		10.11-	114202	14	100		10.11-	113931	12	1.7	
Astra J 2.0 GTC	[A20DTH]	10.11-	114847	14	140						
		10.11-	115526	14	100						
		10.11-	115583	14	120 A49						
		10.11-	116183*	14	120						
		10.11-	116183*	14	120						
Astra J 2.0 BiTurbo CDTi	[A20DTR]	12.12-	114202	14	100		12.12-	114058	12	1.7	
		12.12-	114847	14	140		12.12-	113931	12	1.7	
		12.12-	115526	14	100						
		12.12-	115583	14	120 A49						
		12.12-	116183*	14	120						
Astra J 2.0 BiTurbo CDTi Sports Tourer [A20DTR]	[A20DTR]	12.12-	114202	14	100		12.12-	114058	12	1.7	
		12.12-	114847	14	140		12.12-	113931	12	1.7	
		12.12-	115526	14	100						
		12.12-	115583	14	120 A49						
		12.12-	116183*	14	120						
Astra J 2.0 CDTi	[A20DTH]	06.11-	114202	14	100		06.11-	113931	12	1.7	
		06.11-	114847	14	140						
		06.11-	115526	14	100						
		06.11-	115583	14	120 A49						
		06.11-	116183*	14	120						
Astra J 2.0 CDTi Ecotec	[A20DTH]	10.10-	114202	14	100		10.10-	113931	12	1.7	
		10.10-	114847	14	140						
		10.10-	115526	14	100						
		10.10-	115583	14	120 A49						
		10.10-	116183*	14	120						
Astra J 2.0 CDTi Sports Tourer	[A20DTH]	08.11-	114202	14	100		08.11-	114058	12	1.7	
		08.11-	114847	14	140		08.11-	115768	12	2.2	
		08.11-	115526	14	100						
		08.11-	115583	14	120 A49						
		08.11-	116183*	14	120						
		10.10-	114847	14	140		A25 10.10-	115768	12	2.2	
Astra J GTC 2.0 BiTurbo CDTi	[A20DTR]	10.10-	114058	12	1.7						
		10.10-	113931	12	1.7						
		10.10-	113931	12	1.7						
		10.10-	113931	12	1.7						
		10.10-	113931	12	1.7						
Astra Sports Tourer 1.4 BiFuel LPG	[A14NET]	01.12-	114728	14	100		01.12-	115646	12	1.1	
							01.12-	115395	12	1.1	
							01.12-	115719	12	1.1	



Calibra A 2.0 i 16V	[C20XE]	06.90-08.91	112056	14	70	06.90-12.94	110847	12	1.4	BO	
		06.90-07.97	112229	14	70						
		09.90-02.94	111514	14	100						
		09.91-07.97	111169	14	70						
		09.92-07.97	111426	14	100						
		09.92-07.97	111732	14	120						
[X20XE]	09.92-07.97	111426	14	100	02.94-07.97	111848	12	1.0			
	11.93-03.97	111732	14	120							
	11.93-03.97	112229	14	70							
	11.93-03.97	112229	14	70							
Calibra A 2.0 i 16V 4x4	[C20XE]	06.90-08.92	112056	14	70	06.90-12.94	110847	12	1.4	BO	
		09.91-07.97	111169	14	70						
		09.92-07.97	111426	14	100						
		09.92-07.97	111732	14	120						
		09.92-07.97	112229	14	70						
		11.93-03.97	111426	14	100						
[X20XE]	11.93-03.97	111732	14	120	02.94-07.97	111848	12	1.0			
	11.93-03.97	111732	14	120							
	11.93-03.97	112229	14	70							
	11.93-03.97	112229	14	70							
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92-07.97	111514	14	100	03.92-12.94	110847	12	1.4	BO	
		03.92-08.92	112056	14	70						
		09.92-03.97	111426	14	100						
		09.92-03.97	111732	14	120						
		09.92-03.97	112229	14	70						
Calibra A 2.0 i	[C20NE]	06.90-08.92	111169	14	70	AT 06.90-07.97	110847	12	1.4		
		06.90-07.97	111514	14	100						
		06.90-07.97	112229	14	70						
		09.92-07.97	111426	14	100						
		09.92-07.97	111732	14	120						
Calibra A 2.0 i 4x4	[C20NE]	06.90-08.92	111169	14	70	AT 06.90-07.97	110847	12	1.4		
		09.92-07.97	111426	14	100						
		09.92-07.97	111732	14	120						
		09.92-07.97	112229	14	70						
		09.92-07.97	112229	14	70						
Calibra A 2.5 i V6	[C25XE]	04.93-07.97	111514	14	100						
Campo 2.2 Diesel	[C223]	08.87-09.96	110697	14	50	08.87-09.96	111683	12	2.0		
Campo 2.2 Diesel 4x4	[C223]	08.91-09.96	110697	14	50	08.91-09.96	111683	12	2.0		
Campo 2.3	[4ZD1]	08.91-09.96	110679	14	60						
Campo 2.3 4x4	[4ZD1]	08.91-09.96	110679	14	60						
Campo 2.5 Diesel	[4JA1]	09.91-11.95	111267	14	50	09.91-11.94	111559	12	2.0		
		09.91-11.95	111767	14	80	12.94-11.95	112083	12	2.8		
Campo 2.5 DTI	[4JA1]	RHD 08.01-	111767	14	80	12.01-	112083	12	2.8		
Campo 2.5 DTI 4x4	[4JA1]	RHD 08.01-	111767	14	80	12.01-	112083	12	2.8		
Campo 2.5 TD	[4JA1]	02.89-06.97	111267	14	50	12.89-08.97	112083	12	2.8		
		02.89-06.97	111767	14	80						
		07.94-	111267	14	50	07.94-	112083	12	2.8		
		07.94-	111767	14	80						
Campo 2.5 TD 4x4	[4JA1]	08.91-06.94	111767	14	80	02.89-08.97	112083	12	2.8		
		07.94-	111267	14	50	07.94-	112083	12	2.8		
		07.94-	111767	14	80						
Campo 3.1 TD	[4JG2T]	12.92-07.95	111267	14	50	12.92-09.94	111559	12	2.0		
		03.95-08.97	112228	14	60	VP	12.92-	112083	12	2.8	
Campo 3.1 TD 4x4	[4JG2T]	12.92-07.95	111267	14	50	10.94-	112083	12	2.8		
		12.92-	112228	14	60						
Cascada 1.4	[A14NEL]					03.13-	115395	12	1.1		
						03.13-	115646	12	1.1		
Cascada 1.4 Turbo	[A14NET]					03.13-	115395	12	1.1		
						03.13-	115646	12	1.1		
Cascada 2.0 CDTI	[A20DTH]					03.13-	113931	12	1.7		
						03.13-	113931	12	1.7		
Combo 1.2 i	[C12NZ]	03.94-	113376	14	55	09.97-10.01	113276	12	1.1		
						03.94-09.97	111123	12	0.9		
						03.94-09.97	111127	12	1.4		
						09.94-10.01	111684	12	1.4		
						07.94-08.97	111123	12	0.9		
						08.97-10.01	113276	12	1.1		
Combo 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14	75	A49	08.05-	113719	12	1.3	
		08.05-	113722	14	90	A49	08.05-	113843	12	1.1	
		08.05-	115963	14	90		08.05-	115869	12	1.3	A49
		08.05-	116064	14	75						
		10.05-	113720	14	75	A49	10.05-	113719	12	1.3	
		10.05-	113722	14	90	A49	10.05-	113843	12	1.1	
Combo 1.3 CDTi 16V Tour	[Y13DT]	10.04-	113720	14	75	A49	10.04-	113719	12	1.3	
		10.04-	113722	14	90	A49	10.04-	113843	12	1.1	
		10.04-	115963	14	90		10.04-	115869	12	1.3	A49
		10.04-	116064	14	75						
		10.04-	113720	14	75	A49	10.04-	115869	12	1.3	A49
		10.04-	113722	14	90	A49	10.04-	113719	12	1.3	
Combo 1.3 CDTI	[A13FD]	02.12-	115346	14	120						
		07.94-03.96	111732	14	120	07.94-03.96	111123	12	0.9		
		07.94-03.96	113376	14	55	07.94-03.96	111127	12	1.4		
		PS 07.94-03.96	112229	14	70						
		ACPS 07.94-03.96	111426	14	100						
		AC, Chas. R4000001- 07.94-03.96	112229	14	70						
		AC 07.94-03.96	113376	14	55						
						04.96-10.01	113276	12	1.1		
Combo 1.4 Tour	[Z14XEP]					10.04-	111123	12	0.9		
Combo 1.4 16V	[X14XE]	08.99-10.01	111426	14	100	08.99-10.01	111123	12	0.9		
		08.99-10.01	112229	14	70						
Combo 1.4 i	[Z14XEP]	08.05-	111824	14	70	08.05-	111123	12	0.9		
		07.94-10.01	110077	14	50	07.94-	111127	12	1.4		
		07.94-	112229	14	70	09.94-10.01	111684	12	1.4		
		PS 07.94-	112229	14	70	07.94-	111123	12	0.9		
		AC 07.94-	111732	14	120	08.97-10.01	113276	12	1.1		
		AC 07.94-	112229	14	70						

STARTERS & ALTERNATORS



Application list

OPEL *Continued*

Combo 1.6	[Z16SE]	10.01- 08.04	111990	14	70			10.01- 08.04	113276	12	1.1
								10.01-	111684	12	1.4
Combo 1.6 16V	[Z16YNG]	06.06-	115619	14	120						
Combo 1.6 16V Tour	[Z16YNG]	06.06-	112416	14	100			06.06-	113276	12	1.1
		06.06-	115619	14	120						
Combo 1.6 CNG	[Z16YNG]	04.05-	115619	14	120						
Combo 1.6 CDTI	[A16FDH]	02.12-	114493	14	100			02.12-	116045	12	1.4
		02.12-	115429	14	120						
	[A16FDL]	02.12-	114493	14	100			02.12-	116045	12	1.4
		02.12-	115429	14	120						
		04.15-	115429	14	120			04.15-	116045	12	1.4
		04.15-	114493	14	100			A25 04.15-	115399	12	1.4
								04.15-	113931	12	1.7
Combo 1.6 CDTI Tour		03.15-	115429	14	120			03.15-	116045	12	1.4
		03.15-	114493	14	100			A25 03.15-	115399	12	1.4
								03.15-	113931	12	1.7
Combo 1.7 CDTI 16V	[Z17DTH]	12.04-	113941	14	100			12.04-	112320	12	1.4
Combo 1.7 CDTI 16V Tour	[Z17DTH]	12.04-	113941	14	100						
		AC 12.04-	114121	14	110						
Combo 1.7 Diesel 16V	[Y17DTL]	10.01- 08.04	112271	14	100			10.01- 08.04	112320	12	1.4
		10.01- 08.04	112272	14	70						
Combo 1.7 Diesel	[17D (4EE1)]	04.94- 06.96	111186	14	70	VP	Eng. -00877695	07.94-	111136	12	1.4
		07.94-	111515	14	70	VP	Eng. 877696-	07.94-	111534	12	1.4
		AC 04.96-	111831	14	100	VP					
	[X17D (4EE1)]	Eng. 00975025-	07.94-	111515	14	70	Eng. -00877695	07.94-	111136	12	1.4
		Eng. -00975024	07.94-	111186	14	70	Eng. 877696-	07.94-	111534	12	1.4
		AC 04.96-	111831	14	100						
Combo 1.7 DTI 16V	[Y17DT]	10.01- 08.04	112272	14	70			10.01- 08.04	112320	12	1.4
		AC 10.01- 08.04	112271	14	100						
Combo 2.0 CDTI	[A20FD]	02.12-	115429	14	120						
Combo Tour 1.3 CDTI	[A13FD]							03.16-	113719	12	1.3
								03.16-	115869	12	1.3
Commodore A 2.5 GS	[25H]	08.67- 01.72	112228	14	60						
Corsa 1.4	[A14NEL]							07.12-	115395	12	1.1
								07.12-	115646	12	1.1
Corsa A 1.0	[10S]	09.82- 03.93	113376	14	55						
		RHD 09.82- 03.93	113376	14	55						
Corsa A 1.0 S	[10S]	02.86- 03.93	113376	14	55						
		RHD 02.86- 03.93	113376	14	55						
Corsa A 1.2	[12 S]							09.82- 08.90	111123	12	0.9
	[12NC]	01.85- 12.86	113376	14	55						
	[12NV]	09.86- 08.88	113376	14	55			09.86- 03.93	111127	12	1.4
								09.86- 03.93	111123	12	0.9
	[12ST]	02.86- 04.89	110077	14	50			02.86- 04.89	111127	12	1.4
		02.86- 08.88	113376	14	55			02.86- 04.89	111123	12	0.9
	[E12GV]	01.85- 08.88	113376	14	55						
Corsa A 1.2 i	[12NC]	09.82- 08.88	113376	14	55						
	[C12NZ]							09.89- 03.93	111123	12	0.9
								09.89- 03.93	111127	12	1.4
Corsa A 1.2 N	[12NC]	01.85- 08.88	113376	14	55						
Corsa A 1.2 S	[12S]	04.83- 08.94	113376	14	55			09.82- 10.87	111127	12	1.4
								09.82- 10.87	111123	12	0.9
	[12ST]	09.82- 03.93	110077	14	50			09.82- 03.93	111123	12	0.9
		09.82- 08.88	113376	14	55			09.82- 03.93	111127	12	1.4
Corsa A 1.3	[13NB]	09.85- 08.88	113376	14	55			09.85- 03.93	111127	12	1.4
								09.85- 03.93	111123	12	0.9
	[13SB]	09.82- 08.88	113376	14	55			09.82- 03.93	111127	12	1.4
		02.86- 04.89	110077	14	50			09.82- 03.93	111123	12	0.9
	[C13N]	09.85- 10.87	113376	14	55			09.85- 10.87	111127	12	1.4
								09.85- 10.87	111123	12	0.9
Corsa A 1.3 i	[13NB]	09.85- 08.88	113376	14	55			09.85- 03.93	111127	12	1.4
								09.85- 03.93	111123	12	0.9
	[C13N]	09.85- 08.88	113376	14	55			09.85- 03.93	111127	12	1.4
								09.85- 03.93	111123	12	0.9
Corsa A 1.3 S	[13SB]	09.82- 10.89	110077	14	50			09.82- 03.93	111127	12	1.4
		09.82- 10.89	113376	14	55			09.82- 03.93	111123	12	0.9
Corsa A 1.4 i	[C14NZ]							01.90- 03.93	111123	12	0.9
								01.90- 03.93	111127	12	1.4
	[C14SE]							09.91- 03.93	111123	12	0.9
								09.91- 03.93	111127	12	1.4
Corsa A 1.4 S	[14NV]							09.89- 03.93	111123	12	0.9
								01.90- 03.93	111127	12	1.4
Corsa A 1.5 Diesel	[15D (4EC1)]							06.87- 03.93	111136	12	1.4
Corsa A 1.5 TD	[15DT (T4EC1)]							10.87- 03.93	111274	12	1.2
Corsa A 1.6 GSi	[C16NZ]							08.88- 09.92	111123	12	0.9
	[C16SE]							05.88- 03.93	111123	12	0.9
								05.88- 03.93	111127	12	1.4
	[C16SEI]							09.89- 03.93	111123	12	0.9
								09.89- 03.93	111127	12	1.4
	[E16SE]	05.88- 03.92	110077	14	50			05.88- 03.93	111127	12	1.4
		05.88- 08.88	113376	14	55			05.88- 03.93	111123	12	0.9
Corsa B 1.0 i 12V	[X10XE]	03.97-	111824	14	70			03.97-	111123	12	0.9
Corsa B 1.2 i 16V	[X12XE]	01.98-	111824	14	70			09.94- 08.00	111684	12	1.4
								01.98-	111123	12	0.9
Corsa B 1.2 i	[12NZ]	03.93- 09.00	112229	14	70			09.94- 09.00	113276	12	1.1
								09.94- 09.00	111684	12	1.4
	[C12NZ]	03.93- 09.94	113376	14	55			03.93- 09.97	111127	12	1.4
		AC 03.93-	112229	14	70			03.93- 09.97	111123	12	0.9
	[X12SZ]	03.93- 09.94	113376	14	55			03.93- 09.97	111127	12	1.4
		AC 03.93-	112229	14	70			03.93- 09.97	111123	12	0.9
Corsa B 1.4 i 16V	[C14SEL]	08.97- 09.00	111426	14	100			08.97- 09.00	111123	12	0.9
		08.97- 09.00	112229	14	70						
	[X14XE]	09.94-	111426	14	100			09.94- 09.97	111127	12	1.4
		09.94- 09.00	111514	14	100			09.94- 09.97	111123	12	0.9
		09.94-	111732	14	120						
		09.94-	112229	14	70						



Corsa B 1.4 i	[C14NZ]	03.93- 09.00	110077	14 50		03.93- 03.96	111127	12 1.4
		03.93- 03.96	111426	14 100		03.93- 03.96	111123	12 0.9
		03.93- 09.00	111514	14 100				
		03.93-	112229	14 70				
		PS 03.93- 03.96	112229	14 70				
		AC 03.93- 03.96	111732	14 120				
		AC 03.93- 03.96	112229	14 70				
		AC 09.93- 03.96	111426	14 100				
[X14SZ]		03.93- 09.00	110077	14 50		08.99- 09.00	111123	12 0.9
		03.93- 09.00	111514	14 100		09.96- 08.98	113276	12 1.1
		09.96- 08.98	111426	14 100				
		ACPS 09.96- 09.00	112229	14 70				
Corsa B 1.4 Si	[C14SE]	03.93- 09.00	111514	14 100		03.93-	111127	12 1.4
		03.93-	111732	14 120		03.93-	111123	12 0.9
		03.93-	112229	14 70				
		AC 03.93-	112229	14 70				
		AC 09.93-	111426	14 100				
Corsa B 1.5 Diesel	[15D (4EC1)]	03.93- 09.00	111515	14 70		Eng. 877696- 03.93- 09.00	111534	12 1.4
		Chas. -L4999999 03.93-	111186	14 70		Eng. -00877695 03.93- 09.00	111136	12 1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	Eng. 00975025- 03.93-	111515	14 70		Chas. 877696- 09.94- 09.00	111534	12 1.4
		Eng. -00975024 03.93-	111186	14 70		03.93-	111136	12 1.4
		[X15DT (T4EC1)]	Eng. 00975025- 04.96-	111515	14 70		Chas. 877696- 04.96- 09.00	111534
		Eng. -00975024 04.96-	111186	14 70		04.96-	111136	12 1.4
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14 100		03.93- 09.97	111123	12 0.9
		03.93-	112229	14 70		03.93- 09.97	111127	12 1.4
Corsa B 1.6 i 16V	[C16SEL]	08.97- 09.00	111426	14 100		08.97- 09.00	111123	12 0.9
		08.97- 09.00	112229	14 70				
	[X16XE]	09.94-	111426	14 100		09.94- 09.97	111123	12 0.9
		09.94- 09.00	111514	14 100		09.94- 09.97	111127	12 1.4
Corsa B 1.7 Diesel	[17D (4EE1)]	02.96- 09.00	111515	14 70		Eng. 877696- 02.96- 09.00	111534	12 1.4
		Eng. -975024 03.93-	111186	14 70		Eng. -00877695 03.93- 09.00	111136	12 1.4
		[X17D (4EE1)]	02.96- 09.00	111515	14 70		Eng. 877696- 02.96- 09.00	111534
					Eng. -00877695 02.96- 09.00	111136	12 1.4	
Corsa C 1.0 Twinport	[Z10XEP]	06.03-	111824	14 70		06.03-	111123	12 0.9
						06.03-	113276	12 1.1
Corsa C 1.0 i 12V	[Z10XE]	09.00-	111824	14 70		Chas. -19P00893 09.00-	111123	12 0.9
						Chas. 19P00894- 09.00-	113276	12 1.1
Corsa C 1.2	[Z12XEP]					07.05-	113276	12 1.1
Corsa C 1.2 Twinport	[Z12XEP]					07.04-	111123	12 0.9
Corsa C 1.2 i 16V	[Z12XE]	09.00-	111824	14 70		09.00-	111684	12 1.4
						09.00-	111123	12 0.9
						09.00-	113276	12 1.1
Corsa C 1.3 CDTi 16V	[Z13DT]	08.05-	113720	14 75 A49		08.05-	113843	12 1.1
		08.05-	113722	14 90 A49		08.05-	115869	12 1.3 A49
		08.05-	114451	14 105		08.05-	113719	12 1.3
		08.05-	115308	14 120				
		08.05-	115963	14 90				
		08.05-	116064	14 75				
Corsa C 1.3 CDTi	[Z13DT]	06.03-	113720	14 75 A49		06.03-	113719	12 1.3
		06.03-	113722	14 90 A49		06.03-	113843	12 1.1
		06.03-	114451	14 105		06.03-	115869	12 1.3 A49
		06.03-	115308	14 120				
		06.03-	115963	14 90				
		06.03-	116064	14 75				
Corsa C 1.4	[Z14XEP]	08.03-	115304	14 120		08.03-	113276	12 1.1
Corsa C 1.4 i 16V	[Z14XE]	09.00-	111990	14 70		09.00-	111123	12 0.9
		09.00-	112416	14 100		09.00-	113276	12 1.1
						09.00-	111123	12 0.9
						06.03-	111123	12 0.9
Corsa C 1.4 Twinport	[Z14XEP]							
Corsa C 1.7 CDTi	[Z17DTH]	06.03-	113941	14 100		09.03-	112320	12 1.4
Corsa C 1.7 CDTi SE	[Z17DTH]	08.03- 09.06	113941	14 100				
		08.03- 09.06	114121	14 110				
Corsa C 1.7 Diesel 16V	[Y17DTL]	09.00-	112272	14 70		09.00-	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsa C 1.7 DT	[Y17DTL]	09.00-	112272	14 70		09.00-	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsa C 1.7 DTi 16V	[Y17DT]	09.00-	112272	14 70		09.00-	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsa C 1.7 DTi	[Y17DT]	09.00-	112272	14 70		09.00-	112320	12 1.4
		AC 09.00-	112271	14 100				
Corsa C 1.8 i 16V	[Z18XE]	09.00-	111990	14 70		09.00-	113276	12 1.1
		09.00-	112416	14 100				
Corsa D 1.0	[A10XEP]	07.06-	114249	14 70		07.06-	113276	12 1.1
		07.06-	114249	14 70				
Corsa D 1.2	[A12XEL]	06.10-	114249	14 70		06.10-	115646	12 1.1
		06.10-	114492	14 100		06.10-	113276	12 1.1
		06.10-	115304	14 120		06.10-	115719	12 1.1
						06.10-	115395	12 1.1
						06.10-	115395	12 1.1
	[A12XER]	06.10-	114249	14 70		06.10-	115646	12 1.1
		06.10-	114492	14 100		06.10-	115719	12 1.1
						06.10-	113276	12 1.1
						06.10-	115395	12 1.1
						06.10-	115395	12 1.1
[Z12XEP]	07.06-	114249	14 70		07.06-	113276	12 1.1	
Corsa D 1.2 LPG	[A12XER]	06.11-	114249	14 70		06.11-	115646	12 1.1
		06.11-	114492	14 100		06.11-	115719	12 1.1
		08.11-	115304	14 120		08.11-	115395	12 1.1
Corsa D 1.2 Ecoflex	[Z12XEP]	09.09-	114249	14 70		09.09-	113276	12 1.1
Corsa D 1.2 LPG	[Z12XEP]	09.09-	114249	14 70		09.09-	113276	12 1.1
		09.09-	114492	14 100				
Corsa D 1.3 CDTi	[A13DTC]	07.06-	113722	14 90 A49		07.06-	115570	12 1.4
		07.06-	114409	14 100		07.06-	114029	12 1.8
		07.06-	114754	14 120				
		07.06-	114895	14 70				
		07.06-	115963	14 90				



Application list

OPEL Continued

	[A13DTE]	06.10- 06.10- 06.10- 06.10-	113722 114754 114895 115963	14 90 A49 14 120 14 70 14 90		06.10-	115570	12 1.4
	[A13DTR]	06.10- 06.10- 06.10- 06.10- 06.10-	113722 114409 114754 114895 115963	14 90 A49 14 100 14 120 14 70 14 90		06.10- 06.10-	114029 115570	12 1.8 12 1.4
	[Z13DTE]	06.10- 06.10- 06.10- 06.10- 06.10-	113722 114409 114754 114895 115963	14 90 A49 14 100 14 120 14 70 14 90		06.10- 06.10-	114029 115570	12 1.8 12 1.4
	[Z13DTH]	07.06- 07.06- 07.06-	114409 114754 114895	14 100 14 120 14 70		07.06- 07.06-	113843 114029	12 1.1 12 1.8
	[Z13DTJ]	07.06- 07.06- 07.06- 07.06- 07.06-	113722 114409 114754 114895 115963	14 90 A49 14 100 14 120 14 70 14 90		07.06- 07.06- 07.06-	113843 114029 115570	12 1.1 12 1.8 12 1.4
Corsa D 1.4	[A14XER]	06.10- 06.10- 06.10- 06.10-	114249 114492 116202 116203	14 70 14 100 14 120 14 100		06.10- 06.10- 06.10- 06.10-	113276 115395 115646 115719	12 1.1 12 1.1 12 1.1 12 1.1
	[Z14XEP]	07.06- 07.06-	114249 115304	14 70 14 120	A25	07.06-	113276	12 1.1
Corsa D 1.4 LPG	[A14XEL]	09.09-	114249	14 70		09.09-	113276	12 1.1
	[Z14XEP]	07.06- 07.06- 07.06-	114249 114492 115304	14 70 14 100 14 120		07.06-	113276	12 1.1
Corsa D 1.4 Ecoflex	[Z14XEL]	09.09- 09.09- 09.09- 09.09-	114249 114492 116202 116203	14 70 14 100 14 120 14 100		09.09- 09.09-	115395 115719	12 1.1 12 1.1
Corsa D 1.6 Turbo	[A16LEL]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[A16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[A16LES]	06.11-	115843	14 120		06.11-	114298	12 1.1
	[B16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[B16LES]	06.11-	115843	14 120		06.11-	114298	12 1.1
	[Z16LEL]	02.07-	115843	14 120		02.07-	114298	12 1.1
	[Z16LER]	02.07-	115843	14 120		02.07-	114298	12 1.1
Corsa D 1.7 CDTi 16V	[A17DTS]	06.10-	114665	14 100				
Corsa D 1.7 CDTi	[Z17DTR]	07.06-	114665	14 100				
Corsa E 1.2	[B12XEL]					09.14-	115395	12 1.1
Corsa E 1.2 Van	[B12XEL]					01.15-	115395	12 1.1
Corsa E 1.2 CDTi	[B13DTC]					09.14-	113843	12 1.1
						09.14-	115570	12 1.4
Corsa E 1.4	[B14XEJ]					09.14-	115395	12 1.1
	[B14XEL]					09.14-	115395	12 1.1
Corsa E 1.4 Van	[B14XEJ]					09.14-	115395	12 1.1
	[B14XEL]					09.14-	115395	12 1.1
Corsa E 1.4 Turbo	[B14NEH]					03.15-	115395	12 1.1
	[B14NEJ]					09.14-	115395	12 1.1
Corsa E 1.4 LPG	[B14XEL]					03.15-	115395	12 1.1
Corsa E 1.6 Turbo	[B16LES]					03.15-	114298	12 1.1
Corsa MK IV 1.2	[B12XEL]					08.14-	115395	12 1.1
Corsa MK IV 1.4	[B14NEL]					08.14-	115395	12 1.1
	[B14XEL]					08.14-	115395	12 1.1
						07.15-	115395	12 1.1
Corsa MK IV 1.6 VXR	[B16LES]					04.15-	114298	12 1.1
Corsavan E 1.2	[B12XEL]					10.14-	115395	12 1.1
Frontera A 2.0 i Sport	[C20NE]	03.92- 08.95 03.92- 10.98	111169 111514	14 70 14 100		03.92- 08.95	110847	12 1.4 BO
	[X20SE]	03.92- 10.98 02.95- 10.98	111514 111426	14 100 14 100				
		AC 02.95- 10.98	111732	14 120				
Frontera A 2.2 i	[X22XE]	03.95- 03.95- 10.98	111426 111514	14 100 14 100		03.95-	111848	12 1.0
		AC 03.95-	111732	14 120				
Frontera A 2.3 TD	[Z23DTR]	03.92- 08.95	111164	14 70		03.92- 08.95	110844	12 2.2
Frontera A 2.5 TDS	[Z25TDS]	09.96- 10.98	115752	14 90		06.96-	111724	12 2.0
Frontera A 2.5 TDS Sport	[Z25TDS]	09.96- 10.98	115752	14 90		06.96-	111724	12 2.0
Frontera A 2.8 TD	[Z28TDI (4JB1T)]	03.95- 10.98	110077	14 50		03.92- 08.98	110807	12 0.85
		03.95-	111767	14 80		03.95-	111559	12 2.0
	[4JB1T]	03.95- 08.96 03.95- 08.96	110077 111767	14 50 14 80		03.92- 08.98 03.95- 08.96	110807 111559	12 0.85 12 2.0
Frontera B 2.2 i	[X22SE]	02.95- AC 02.95-	111426 111732	14 100 14 120		02.95-	111848	12 1.0
	[Y22SE]					02.95-	111848	12 1.0
Frontera B 2.2 DTi	[Y22DTH]					09.02-	113674	12 2.0
GT 1.1	[11SR]	09.68- 12.70	110077	14 50				
GT 2.0 GT	[LNF]					06.07-	115575	12 1.4
	[Z20NHH]					06.07-	115575	12 1.4
Insignia 1.4 Sports Tourer	[A14NET]					09.11-	115395	12 1.1
						09.11-	115646	12 1.1
Insignia 1.4 Turbo	[A14NET]					04.11-	115395	12 1.1
						04.11-	115646	12 1.1
Insignia 1.4 LPG	[A14NET]					07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Insignia 1.4 Sports Tourer	[A14NET]					07.12-	115395	12 1.1
						07.12-	115646	12 1.1
Insignia 1.6	[A16LET]	07.08-	114779	14 100		07.08-	114298	12 1.1
	[A16XER]	07.08-	114779	14 100		07.08-	114298	12 1.1
Insignia 1.6 Caravan	[A16XER]	07.08-	114779	14 100		07.08-	114298	12 1.1
Insignia 1.6 Turbo	[A16LET]	07.08-	114779	14 100		07.08-	114298	12 1.1



Insignia 1.8	[A18XER]	07.08-	114779	14 100	07.08-	114298	12 1.1	
Insignia 1.8 Caravan	[A18XER]	07.08-	114779	14 100	07.08-	114298	12 1.1	
Insignia 2.0 Turbo	[A20NHT]	07.08-	116008	14 100	07.08-	115575	12 1.4	
		07.08-	116180	14 140				
Insignia 2.0 Turbo 4x4	[A20NFT]	09.11-	116008	14 100	09.11-	115575	12 1.4	
		09.11-	116180	14 140				
	[A20NHT]	07.08-	116008	14 100	07.08-	115575	12 1.4	
		07.08-	116180	14 140				
Insignia 2.0 Turbo 4x4 Sports Tourer	[A20NFT]	09.11-	116008	14 100	09.11-	115575	12 1.4	
		09.11-	116180	14 140				
Insignia 2.0 Turbo Caravan	[A20NHT]	07.08-	116008	14 100	07.08-	115575	12 1.4	
		07.08-	116180	14 140				
Insignia 2.0 Turbo E85 Turbo	[A20NFT]	09.10-	116008	14 100	09.10-	115575	12 1.4	
		09.10-	116180	14 140				
	[A20NHT]	09.10-	116008	14 100	09.10-	115575	12 1.4	
		09.10-	116180	14 140				
Insignia 2.0 BiTurbo CDTI	[A20DTR]	01.12-	114202	14 100	01.12-	113931	12 1.7	
		01.12-	114847	14 140				
		01.12-	115526	14 100				
		01.12-	115583	14 120 A49				
		01.12-	116183*	14 120				
Insignia 2.0 BiTurbo CDTI 4x4	[A20DTR]	01.12-	114202	14 100	01.12-	113931	12 1.7	
		01.12-	114847	14 140				
		01.12-	115526	14 100				
		01.12-	115583	14 120 A49				
		01.12-	116183*	14 120				
Insignia 2.0 BiTurbo CDTI 4x4 Sports Tourer	[A20DTR]	01.12-	114202	14 100	01.12-	113931	12 1.7	
		01.12-	114847	14 140				
		01.12-	115526	14 100				
		01.12-	115583	14 120 A49				
		01.12-	116183*	14 120				
Insignia 2.0 BiTurbo CDTI Sports Tourer	[A20DTR]	01.12-	114202	14 100	01.12-	113931	12 1.7	
		01.12-	114847	14 140				
		01.12-	115526	14 100				
		01.12-	115583	14 120 A49				
		01.12-	116183*	14 120				
Insignia 2.0 CDTi	[A20DT]	07.08-	114202	14 100	07.08-	113931	12 1.7	
		07.08-	114847	14 140				
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
	[A20DTC]	07.08-	114202	14 100	07.08-	113931	12 1.7	
		07.08-	114847	14 140				
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
	[A20DTE]				07.13-	113931	12 1.7	
								03.12-
	[A20DTH]		07.08-	115526	14 100	07.08-	113931	12 1.7
					07.13-			
	[A20DTJ]		07.08-	114202	14 100	07.08-	113931	12 1.7
		07.08-	114847	14 140				
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
[A20DTL]		07.08-	116183*	14 120	07.08-	114058	12 1.7	
		07.08-	114202	14 100				
		07.08-	114847	14 140				
		07.08-	115583	14 120 A49				
[A20DTR]		07.08-	116183*	14 120	07.08-	113931	12 1.7	
		07.08-	114202	14 100				
		07.08-	114847	14 140				
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
Insignia 2.0 CDTi 4x4	[A20DTH]	06.10-	114202	14 100	06.10-	113931	12 1.7	
		06.10-	114847	14 140				
		06.10-	115526	14 100				
		06.10-	115583	14 120 A49				
		06.10-	116183*	14 120				
Insignia 2.0 CDTi 4x4 Sports Tourer	[A20DTR]	07.08-	114202	14 100	07.08-	113931	12 1.7	
		07.08-	114847	14 140				
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
Insignia 2.0 CDTi Caravan	[A20DT]	07.13-	114847	14 140	07.13-	113931	12 1.7	
		07.13-	115526	14 100				
Insignia 2.0 CDTi Caravan	[A20DT]	07.08-	114202	14 100	07.08-	113931	12 1.7	
		07.08-	114847	14 140				
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
	[A20DTC]	07.08-	114202	14 100	07.08-	113931	12 1.7	
		07.08-	114847	14 140				
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
	[A20DTH]		07.08-	116183*	14 120	07.08-	113931	12 1.7
					07.08-			
	[A20DTJ]		07.08-	114202	14 100	07.08-	113931	12 1.7
			07.08-	114847	14 140			
	[A20DTL]		07.08-	115526	14 100	07.08-	114058	12 1.7
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
		07.08-	114202	14 100				
		07.08-	114847	14 140				

STARTERS & ALTERNATORS



OPEL Continued

	[A20DTR]	07.08-114202 14 100		07.08-113931 12 1.7
		07.08-114847 14 140		07.08-114058 12 1.7
		07.08-115526 14 100		
		07.08-115583 14 120 A49		
		07.08-116183* 14 120		
Insignia 2.0 CDTi Sports Tourer	[A20DTE]	07.13-114847 14 140		07.13-115768 12 2.2 A49
				07.13-113931 12 1.7
	[A20DTH]	07.13-115526 14 100		
Insignia 2.0 Turbo E85 Turbo	[A20NFT]	07.08-116008 14 100		07.08-115575 12 1.4
		07.08-116180 14 140		
Insignia 2.8 Turbo V6 4x4	[A28NET]			07.08-115597 12 1.4
Insignia 2.8 Turbo V6 Caravan 4x4	[A28NET]			07.08-115597 12 1.4
Insignia Country Tourer 2.0 CDTi	[A20DT]	07.08-03.17 114847 14 140		07.08-03.17 114058 12 1.7
		07.08-03.17 115526 14 100	A25	07.08-03.17 115768 12 2.2
				07.08-03.17 113931 12 1.7
	[A20DTE]	03.12-03.17 114847 14 140		03.12-03.17 115768 12 2.2
	[A20DTH]	07.14-03.17 114847 14 140		07.14-03.17 114058 12 1.7
		07.14-03.17 115526 14 100	A25	07.14-03.17 115768 12 2.2
				07.14-03.17 113931 12 1.7
	[A20DTJ]	07.08-03.17 114847 14 140		07.08-03.17 114058 12 1.7
		07.08-03.17 115526 14 100	A25	07.08-03.17 115768 12 2.2
				07.08-03.17 113931 12 1.7
Insignia Country Tourer 2.0 CDTi 4x4	[A20DTH]	09.13-03.17 114847 14 140		09.13-03.17 114058 12 1.7
		09.13-03.17 115526 14 100	A25	09.13-03.17 115768 12 2.2
				09.13-03.17 113931 12 1.7
	[A20DTR]	09.13-03.17 114847 14 140		09.13-03.17 114058 12 1.7
		09.13-03.17 115526 14 100	A25	09.13-03.17 115768 12 2.2
				09.13-03.17 113931 12 1.7
Insignia Sports Tourer 2.0 Turbo	[A20NHT]	04.14-116008 14 100		04.14-115575 12 1.4
		04.14-116180 14 140		
Kadett B 1.1	[11N]	09.65-08.73 110077 14 50		
	[11S]	09.65-07.71 110077 14 50		
	[11SR]	11.66-07.71 110077 14 50		
Kadett B 1.1 S	[11S]	09.65-07.71 110077 14 50		
Kadett B 1.1 SR	[11SR]	11.66-07.71 110077 14 50		
Kadett B 1.2	[12S]	08.71-08.73 110077 14 50		
Kadett B 1.2 S	[12S]	08.71-08.73 110077 14 50		
Kadett C 1.0	[10N]	01.74-07.79 110077 14 50		
Kadett C 1.0 City	[10N]	05.75-07.79 110077 14 50		
Kadett C 1.2	[12N]	08.73-07.79 110077 14 50		
Kadett C 1.2 City	[12N]	05.75-07.79 110077 14 50		
Kadett C 1.2 S	[12S]	08.73-07.79 110077 14 50		
Kadett C 1.2 S City	[12S]	08.73-07.79 110077 14 50		
Kadett D 1.2	[12N]	08.79-07.82 110077 14 50		
Kadett D 1.2 S	[12S]	08.79-08.84 110077 14 50		
	[12ST]	08.82-08.84 110077 14 50		
Kadett D 1.3	[13N]	08.79-08.84 110077 14 50		
		08.79-08.84 113376 14 55		
Kadett D 1.3 N	[C13N]	08.79-08.84 113376 14 55		
Kadett D 1.3 S	[13S]	08.79-08.84 110077 14 50		
		08.79-08.84 113376 14 55		
Kadett D 1.6 S	[16SH]	09.81-08.84 111168 14 55		
Kadett D 1.6 Diesel	[16D]	03.82-08.84 110972 14 65		03.82-08.84 110839 12 1.7
Kadett D 1.8 GT/E	[18E]	02.83-08.84 111168 14 55		
Kadett E 1.2	[12SC]	09.84-07.86 110077 14 50		
Kadett E 1.2 S	[12SC]	09.84-07.86 110077 14 50		
Kadett E 1.3	[13N]	09.84-07.89 113376 14 55		
	[13NB]	09.84-07.89 113376 14 55		
Kadett E 1.3 Combo	[13N]	01.86-12.89 113376 14 55		
Kadett E 1.3 i	[C13N]	09.85-08.88 113376 14 55		
Kadett E 1.3 S	[13S]	09.84-08.87 113376 14 55		
Kadett E 1.3 S Combo	[13S]	01.86-12.89 113376 14 55		
Kadett E 1.4 i	[C14NZ]			01.90-08.91 111123 12 0.9
				01.90-08.91 111127 12 1.4
Kadett E 1.4 S	[C14SE]			09.89-08.91 111123 12 0.9
Kadett E 1.5 TD	[15DT (T4EC1)]			07.88-08.91 111274 12 1.2
Kadett E 1.6	[16SH]	09.86-06.93 111168 14 55		09.86-06.93 111123 12 0.9
	[16SV]	09.86-08.91 110077 14 50		09.86-08.91 111123 12 0.9
		09.88-08.91 111169 14 70		09.86-08.91 111127 12 1.4
Kadett E 1.6 Combo	[16SV]	09.86-12.91 110077 14 50		09.86-12.91 111127 12 1.4
		09.88-12.91 111169 14 70		09.86-12.91 111123 12 0.9
Kadett E 1.6 i	[16SV]			07.89-02.93 111123 12 0.9
				07.89-02.93 111127 12 1.4
	[C16LZ]	09.86-08.88 113376 14 55		09.88-08.91 111127 12 1.4
				09.88-08.91 111123 12 0.9
	[C16NZ]	09.86-08.88 113376 14 55		09.88-08.91 111127 12 1.4
				09.88-09.93 111123 12 0.9
	[E16NZ]	09.86-08.88 113376 14 55		09.88-08.91 111127 12 1.4
				09.88-08.91 111123 12 0.9
Kadett E 1.6 i Combo	[C16NZ]			08.91-07.94 111123 12 0.9
Kadett E 1.6 S	[16SH]	09.84-08.86 111168 14 55		09.84-08.86 111684 12 1.4
	[16SV]	09.86-08.91 110077 14 50		09.86-08.91 111127 12 1.4
		09.88-08.91 111169 14 70		09.86-08.91 111123 12 0.9
				09.86-08.91 111684 12 1.4
Kadett E 1.6 Diesel	[16D]	08.84-01.89 110972 14 65		08.84-09.85 110839 12 1.7
		08.84-01.89 112056 14 70		
	[16DA]	08.84-01.89 110972 14 65		08.84-09.85 110839 12 1.7
		08.84-01.89 112056 14 70		
Kadett E 1.6 Diesel Combo	[16DA]	01.86-12.89 110972 14 65		
		01.86-12.89 112056 14 70		
Kadett E 1.7 Diesel	[17D]	08.88-09.92 112056 14 70		02.89-08.91 110839 12 1.7
		02.89-08.91 111168 14 55		
	[17DR]	02.89-08.91 112056 14 70		
Kadett E 1.7 Diesel Combo	[17D]	01.89-07.94 112056 14 70		
Kadett E 1.8	[18E]			09.86-08.91 110847 12 1.4
	[18SE]	12.88-08.91 110972 14 65		
		12.88-08.91 111168 14 55		



	[C18NE]	10.85- 08.86	111168	14	55					
Kadett E 1.8 E	[C18NE]	10.85- 08.86	111168	14	55					
Kadett E 1.8 GSi	[18E]	09.84- 08.86	111168	14	55	09.84- 08.86	110847	12	1.4 BO	
Kadett E 1.8 i	[18E]	09.84- 08.86	111168	14	55	09.84- 08.86	110847	12	1.4	
	[18SV]	09.90- 08.91	111168	14	55					
	[C18NE]	10.85- 08.86	111168	14	55					
	[C18NT]	08.84- 09.92	111168	14	55					
	[C18NZ]	09.90- 08.91	111168	14	55	09.90- 08.91	110847	12	1.4 BO	
			09.90- 08.91	111169	14	70				
Kadett E 1.8 S	[S18NV]	09.86- 08.91	111168	14	55					
	[E18NV]	09.87- 08.91	111168	14	55	09.87- 08.91	110847	12	1.4 BO	
		09.88- 08.91	111169	14	70					
Kadett E 2.0	[S18NV]	09.87- 08.91	111168	14	55	09.87- 08.91	110847	12	1.4 BO	
		09.88- 08.91	111169	14	70					
	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO	
Kadett E 2.0 GSi 16V		09.88- 08.91	111169	14	70					
	[20SEH]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO	
		09.88- 08.91	111169	14	70					
Kadett E 2.0 GSi	[20XE]					12.87- 08.91	110847	12	1.4	
	[20XEJ]	03.88- 08.88	110972	14	65	03.88- 08.91	110847	12	1.4 BO	
		03.88- 08.91	112056	14	70					
	[C20XE]	03.88- 08.88	110972	14	65	03.88- 08.91	110847	12	1.4 BO	
Kadett E 2.0 GSi		03.88- 08.91	112056	14	70					
	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO	
Kadett E 2.0 i		09.88- 08.91	111169	14	70					
	[20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4	
Manta A 1.2		09.88- 08.91	111169	14	70					
	[C20NE]	09.86- 08.91	111168	14	55	09.86- 08.91	110847	12	1.4 BO	
		09.88- 08.91	111169	14	70					
Manta B 1.2	[12S]	04.72- 08.75	110077	14	50					
Manta B 1.3	[12N]	08.76- 07.83	110077	14	50					
	[12S]	09.75- 02.79	110077	14	50					
Manta B 1.3 S	[13N]	03.79- 12.80	113376	14	55					
Manta B 1.3 S	[13S]	08.79- 08.86	113376	14	55					
Manta B 1.8 S	[18S]	07.82- 08.87	111168	14	55					
Meriva 1.4 16V Twinport LPG	[Z14XEP]	07.04- 05.10	113722	14	90	A49	07.04- 05.10	113276	12	1.1
		07.04- 05.10	114249	14	70					
		07.04- 05.10	115963	14	90					
Meriva A 1.3 CDTi	[Y13DT]	04.05-	114451	14	105					
		04.05-	115308	14	120					
	[Z13DT]	04.05-	114451	14	105	04.05-	113843	12	1.1	
		04.05-	115308	14	120					
Meriva A 1.4 16V Twinport	[Z13DTJ]	09.03-	113722	14	90	A49	09.03-	114029	12	1.8
		09.03-	114451	14	105					
		09.03-	115308	14	120					
		09.03-	115963	14	90					
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	114249	14	70	07.04-	111123	12	0.9	
Meriva A 1.6	[Z16SE]	05.03-	111990	14	70	03.03-	111684	12	1.4	
		05.03-	112416	14	100	05.03-	113276	12	1.1	
		05.03-	115619	14	120					
Meriva A 1.6 16V	[Z16XEP]	01.06-	114431	14	120	01.06-	114298	12	1.1	
		05.03-	111990	14	70	03.03-	111684	12	1.4	
		05.03-	112416	14	100	05.03-	113276	12	1.1	
Meriva A 1.6 Turbo		05.03- 01.06	115619	14	120					
	[Z16LET]	09.05-	114431	14	120	09.05-	114298	12	1.1	
		09.05-	115843	14	120					
Meriva A 1.7 CDTi	[A17DTR]	09.06-	114665	14	100					
	[Z17DT]	09.03-	112271	14	100	09.03-	112320	12	1.4	
		09.03-	112272	14	70					
		09.03-	113941	14	100					
		09.03-	114121	14	110					
	[Z17DTH]	09.03-	112272	14	70	09.03-	112320	12	1.4	
		09.03-	113941	14	100					
	09.03-	114121	14	110						
	AC	09.03-	112271	14	100					
	[Z17DTR]	09.06-	114665	14	100					
Meriva A 1.7 DTi	[Y17DT]	09.03-	112272	14	70	09.02-	112320	12	1.4	
		AC	09.03-	112271	14	100				
Meriva A 1.8	[Z18XE]	09.02-	112416	14	100	09.02-	113276	12	1.1	
		05.03-	111990	14	70					
		05.03-	115619	14	120					
Meriva B 1.3 CDTi	[A13DTC]	06.10-	114409	14	100	06.10-	114029	12	1.8	
		06.10-	114754	14	120					
		06.10-	114895	14	70					
	[A13DTE]	06.10-	114409	14	100	06.10-	114029	12	1.8	
Meriva B 1.4 Ecoflex		06.10-	114754	14	120					
		06.10-	114895	14	70					
	[A14NEL]	06.10-	116202	14	120	06.10-	115719	12	1.1	
						06.10-	115395	12	1.1	
Meriva B 1.4 Ecotec						06.10-	115646	12	1.1	
	[B14NEL]	06.10-	116202	14	120	06.10-	115719	12	1.1	
						06.10-	115646	12	1.1	
						06.10-	115646	12	1.1	
Meriva B 1.4 Ecotec	[A14NET]	06.10-	116202	14	120	06.10-	115646	12	1.1	
		06.10-	116203	14	100	06.10-	115719	12	1.1	
						06.10-	115395	12	1.1	
	[A14XER]	06.10-	116202	14	120	06.10-	115646	12	1.1	
		06.10-	116203	14	100	06.10-	115719	12	1.1	
						06.10-	115395	12	1.1	
	[B14NET]	06.10-	116202	14	120	06.10-	115646	12	1.1	
		06.10-	116203	14	100	06.10-	115719	12	1.1	
					06.10-	115395	12	1.1		
Meriva B 1.4	[B14XER]	06.10-	116202	14	120	06.10-	115646	12	1.1	
		06.10-	116203	14	100	06.10-	115719	12	1.1	
						06.10-	115395	12	1.1	
Meriva B 1.4	[A14NEL]	06.11-	116202	14	120	06.11-	115646	12	1.1	
		06.11-	116203	14	100	06.11-	115719	12	1.1	
					06.11-	115395	12	1.1		

STARTERS & ALTERNATORS



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	[B14NEL]	06.11- 06.11-	116202 116203	14 120 14 100		06.11- 06.11- 06.11-	115646 115719 115395	12 1.1 12 1.1 12 1.1
Meriva B 1.7 CDTi	[A17DTC]	06.10-	114665	14 100		A25 06.10- 06.10-	115830 112320	12 2.0 12 1.4
	[A17DTI]	06.10-	114665	14 100		A25 06.10- 06.10-	115830 112320	12 2.0 12 1.4
	[A17DTS]	06.10-	114665	14 100		A25 06.10- 06.10-	115830 112320	12 2.0 12 1.4
Meriva B 1.7 CDTi Ecotec	[A17DT]	06.10-	114665	14 100				
Mokka 1.4	[A14NET]					04.13- 04.13-	115395 115646	12 1.1 12 1.1
						06.12- 06.12-	115395 115646	12 1.1 12 1.1
Mokka 1.4 4x4	[A14NET]					04.13-	115646	12 1.1
Mokka 1.4 LPG	[A14NET]					06.12-	116257	12 1.7
Mokka 1.6	[A16XER]	06.12-	115861	14 140		06.12-	115830	12 2.0
Mokka 1.7 CDTi	[A17DTS]	06.12-	115396*	14 140		06.12- 06.12-	115830 112320	12 2.0 12 1.4
						06.12-	115830	12 2.0
Mokka 1.7 CDTi 4x4	[A17DTS]	06.12-	115396*	14 140		06.12- 06.12-	115830 112320	12 2.0 12 1.4
Mokka 1.8	[A18XER]	01.13-	115861	14 140		01.13-	114298	12 1.1
Mokka 1.8 4x4	[A18XER]	01.13-	115861	14 140		01.13-	114298	12 1.1
Monterey A 3.1 TD	[4JG2TC]	09.91- 12.97	111267	14 50		09.91- 12.97	112083	12 2.8
		09.91- 12.97	112228	14 60				
		03.92- 12.97	111767	14 80				
Monterey A 3.2	[6VD1]					01.91-	113402	12 1.4
Monterey B 3.0 DTi	[4JX1]	07.98- 08.99	112673	14 70		04.98- 12.99	112083	12 2.8
		07.98- 08.99	113698	14 90				
Monterey B 3.5 V6 24V	[6VE1]					07.98- 08.99	113402	12 1.4
Movano 1.9 DTi	[F9Q772]	10.01-	112471	14 125		10.01-	112474	12 1.8
		10.01-	113248	14 120				
		10.01- AC 10.01-	113248 112471	14 120 14 125		10.01-	112474	12 1.8
Movano 2.2 DTi	[G9T720]	09.00-	112471	14 125		09.00-	112475	12 2.1
		09.00-	113248	14 120				
		09.00- AC 09.00-	113245 112471	14 125 14 125		09.00-	112475	12 2.1
	[G9T722]	09.00-	112471	14 125		09.00-	112475	12 2.1
		09.00-	113245	14 125				
		09.00-	113248	14 120				
Movano 2.3 CDTi	[M9T670]	12.10-	114826	14 185 A49		12.10-	114074	12 2.2
		12.10-	116324*	14 150				
	[M9T672]	12.10-	114826	14 185 A49		12.10-	114074	12 2.2
		12.10-	116324*	14 150				
	[M9T676]	12.10-	114826	14 185 A49		12.10-	114074	12 2.2
		12.10-	116324*	14 150				
	[M9T678]					12.10-	114074	12 2.2
	[M9T680]	12.10-	114826	14 185 A49		12.10-	114074	12 2.2
		12.10-	116324*	14 150				
	[M9T694]	01.13-	114826	14 185 A49		12.10-	114074	12 2.2
		01.13-	116324*	14 150				
	[M9T696]	01.13-	114826	14 185 A49		01.13-	114074	12 2.2
		01.13-	116324*	14 150				
	[M9T698]	01.13-	114826	14 185 A49		01.13-	114074	12 2.2
		01.13-	116324*	14 150				
	[M9T702]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150				
		05.14-	116324*	14 150				
	[M9T870]	05.14-	114826	14 185 A49		05.14-	114074	12 2.2
		05.14-	115356	14 150				
05.14-		116324*	14 150					
[M9T880]	01.13-	114826	14 185 A49		01.13-	114074	12 2.2	
	01.13-	116324*	14 150					
	07.15-	116324*	14 150					
	07.15-	115356	14 150		07.15-	114074	12 2.2	
	07.15-	114826	14 185					
Movano 2.5 CDTi	[G9U632]	08.06-	113837	14 150		08.06-	112475	12 2.1
	[G9U650]	08.06-	113837	14 150		08.06-	112475	12 2.1
	[G9U754]	10.03- 12.06	113837	14 150		10.03- 12.06	112475	12 2.1
Movano 2.5 CDTi Combi	[G9U632]	08.06-	113837	14 150		08.06-	112475	12 2.1
	[G9U650]	08.06-	113837	14 150		08.06-	112475	12 2.1
Movano 2.5 Diesel	[S8U770]	07.98- 09.00	111937	14 75		07.98- 09.00	112103	12 2.2
		01.99-	113248	14 120				
		AC 07.98-	112057	14 110				
		AC 01.99-	112471	14 125				
	[S8U772]	07.98- 09.01	111937	14 75		07.98- 09.01	112103	12 2.2
		07.98- 09.00	112057	14 110				
		01.99- 09.00	112471	14 125				
		01.99- 09.00	113248	14 120				
	AC 01.99- 09.00	112057	14 110					
Movano 2.5 DTi	[G9U720]	10.01-	112471	14 125		10.01-	112475	12 2.1
		10.01-	113245	14 125				
		10.01-	113248	14 120				
		10.01- AC 10.01-	113245 112471	14 125 14 125		10.01-	112475	12 2.1
	[G9U724]	10.01-	113245	14 125				
		10.01-	113248	14 120				
		10.01-	114700	14 150				
	[G9U750]	10.01-	112471	14 125		10.01-	112475	12 2.1
		10.01-	113245	14 125				
		10.01-	113248	14 120				
	10.01-	114700	14 150					



Application list

OPEL Continued

	[X20SE]	01.94- 03.94- 09.99 04.94- 04.94-	111426 111514 111732 112229	14 100 14 100 14 120 14 70				
Omega B 2.0 DTi 16V	[X20DTH]				09.97- 09.00	113674	12 2.0	
Omega B 2.2 i 16V	[Y22XE]	09.99- 07.03 09.99- Chas. -Y1999999 09.99- Chas. 11000001- 09.99- AC 09.99-	111514 112229 111426 112416 111732	14 100 14 70 14 100 14 100 14 120	09.99-	111848	12 1.0	
	[Z22XE]	09.99- 07.03 Chas. 11000001- 09.00-	111514 112416	14 100 14 100	09.99-	111848	12 1.0	
Omega B 2.2 DTi 16V	[Y22DTH]	09.00- 09.00- 07.03 09.00- 07.03	112415 114656 116334*	14 120 A49 14 140 14 120	06.00- 09.03	113674	12 2.0	
Omega B 2.5 i V6	[X25XE]	04.94-	111514	14 100				
Omega B 2.5 DTi	[Y25DT]	09.01- 07.03	112468	14 150	09.01-	113446	12 2.2	
Omega B 2.5 TD	[25DT]	04.94-	111788	14 105	04.94-	113446	12 2.2	
	[X25DT]	04.96-	111788	14 105	04.94- 04.96-	112533 113446	12 2.2 12 2.2	
Omega B 3.0 i V6	[X30XE]	04.94-	111514	14 100				
Rekord D 2.0 Diesel	[20D]	08.74- 08.77	113376	14 55				
Rekord D 2.1 Diesel	[21D]	09.72- 08.77	113376	14 55				
Rekord E 1.8	[18N]	11.82- 08.86	111168	14 55				
	[C18NV]	05.85- 08.86	111168	14 55				
Rekord E 1.8 E	[C18NV]	05.85- 08.86	111168	14 55				
Rekord E 1.8 S	[18S]	11.82- 08.86	111168	14 55				
Rekord E 2.0 Diesel	[20D]	09.77- 10.82	113376	14 55				
Rekord E 2.1 Diesel	[21D]	09.77- 07.78	113376	14 55				
Rekord E 2.3 Diesel	[23D]	08.78- 02.84 11.82- 08.86 03.84- 08.86	113376 110077 111164	14 55 14 50 14 70	09.84- 08.86	110844	12 2.2	
Rekord E 2.3 TD	[23TD]	06.84- 08.86 06.84- 08.86	111164 113376	14 70 14 55	09.84- 08.86	110844	12 2.2	
Senator A 2.3 TD	[23TD]	11.84- 08.87	111164	14 70 VP	11.84- 08.87	110844	12 2.2	
Senator B 3.0 i 24V	[C30SE]	09.89- 09.93	110077	14 50				
Senator B 3.0 i	[30NE]	01.88- 09.90	110077	14 50				
	[C30NE]	01.88- 09.93	110077	14 50				
Signum 1.8	[Z18XE]	05.03-	115619	14 120	05.03-	113276	12 1.1	
	[Z18XER]	Chas. 71052537- 09.05- Chas. -71052536 09.05-	115306 114431	14 120 14 120	09.05-	114298	12 1.1	
Signum 1.9 CDTi	[Z19DT]	04.04- 04.04- 04.04- 04.04- 08.05- Chas. -71111927 04.04-	113904 113955 114088 115487 114204 114204	14 130 14 105 14 140 14 140 A49 14 120 14 120	04.04-	113931	12 1.7	
	[Z19DTH]	04.04- 04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 114204 115487	14 130 14 105 14 140 14 120 14 120 14 140 A49	04.04-	113931	12 1.7	
Signum 2.0 Turbo	[Z20NET]	05.03-	113352	14 120	05.03- 05.03-	114341 114124	12 1.2 12 1.8	
Signum 2.0 DTi	[Y20DTH]	05.03- 05.03- 05.03-	112415 114656 116334*	14 120 A49 14 140 14 120	05.03-	113674	12 2.0	
Signum 2.2	[Z22YH]	05.03-	113352	14 120				
Signum 2.2 DTi 16V	[Y22DTR]	05.03- 06.08 05.03- 06.08 05.03- 06.08	112415 114656 116334*	14 120 A49 14 140 14 120	05.03- 06.08	113674	12 2.0	
Signum 2.2 DTi	[Y22DTR]	05.03- 05.03- 05.03-	112415 114656 116334*	14 120 A49 14 140 14 120	05.03- 05.03-	112320 113674	12 1.4 12 2.0	
Signum 2.8 Turbo V6	[Z28NET]				01.06-	115597	12 1.4	
Signum 3.0 CDTi V6	[Y30DT]				05.03-	114482	12 2.2	
	[Z30DT]				09.05-	114482	12 2.2	
Sintra 2.2 i 16V	[X22XE]	11.96- 04.99 11.96- 04.99	111426 111732	14 100 14 120	09.96-	111848	12 1.0	
Sintra 2.2 TD	[X22DTH]				07.97- 04.99	113674	12 2.0	
Speedster 2.0 Turbo	[Z20LET]	04.03- 09.06	113352	14 120	04.03-	111848	12 1.0	
Speedster 2.2 i	[Z22SE]	09.00- 09.06	113352	14 120	09.00-	114341	12 1.2	
Tigra 1.3 CDTi	[Z13DT]	06.04- 06.04- 06.04- 06.04- 06.04-	113720 113722 114451 115308 115963	14 75 A49 14 90 A49 14 105 14 120 14 90	06.04-	113719 113843 115869	12 1.3 12 1.1 12 1.3 A49	
		06.04-	116064	14 75				
Tigra 1.4 i 16V	[X14XE]	07.94- 07.94- 12.00 07.94-	111426 111514 112229	14 100 14 100 14 70	07.94- 07.94-	111123 111127	12 0.9 12 1.4	
Tigra 1.4 i	[Z14XEP]				06.04-	111123	12 0.9	
Tigra 1.6 i 16V	[C16SEL]	08.97- 08.97-	111426 112229	14 100 14 70	08.97- 08.98 08.97- 08.97-	111684 113276 111123	12 1.4 12 1.1 12 0.9	
	[X16XE]	07.94- 07.94- 08.98 07.94- 07.94-	111426 111514 111732 112229	14 100 14 100 14 120 14 70	07.94- 08.99 08.97- 07.94- 09.97 07.94- 09.97	111684 113276 111123 111127	12 1.4 12 1.1 12 0.9 12 1.4	
Tigra 1.8 i	[Z18XE]	06.04- 09.04-	115619 112416	14 120 14 100	06.04-	113276	12 1.1	
Vectra A 1.4 S	[14NV]	04.88- 06.92	113376	14 55	09.88- 09.92 04.88- 06.92 04.88- 06.92 09.88- 09.92	113276 111123 111127 111684	12 1.1 12 0.9 12 1.4 12 1.4	



Vectra A 1.6	[16SV]	09.91-08.95	111426	14	100	09.88-08.95	111123	12	0.9
		09.91-08.95	112229	14	70	09.88-08.95	111127	12	1.4
Vectra A 1.6 i	[16LZ2]	09.83-11.95	113376	14	55	09.93-11.95	111123	12	0.9
		09.93-11.95	111426	14	100	09.93-11.95	111127	12	1.4
		09.93-11.95	112229	14	70				
	[C16NZ]	09.88-11.95	110077	14	50	09.88-08.95	111123	12	0.9
		09.88-09.95	111426	14	100	09.88-08.95	111127	12	1.4
		09.88-09.95	112229	14	70	09.88-08.95	111684	12	1.4
	[C16NZ2]	09.88-11.95	113376	14	55				
		09.88-09.95	110077	14	50	09.88-08.95	111123	12	0.9
		09.88-09.95	112229	14	70	09.88-08.95	111127	12	1.4
	[E16NZ]	09.88-11.95	113376	14	55	09.88-10.90	111684	12	1.4
		09.91-09.95	111426	14	100				
		09.88-10.93	110077	14	50	09.88-08.95	111127	12	1.4
		09.88-08.95	112229	14	70	09.88-08.95	111684	12	1.4
		09.88-10.90	113376	14	55	09.88-08.95	111123	12	0.9
	[X16SZ]	09.91-08.95	111426	14	100				
09.93-11.95		110077	14	50	09.93-08.95	111684	12	1.4	
09.93-11.95		111426	14	100	09.93-11.95	111127	12	1.4	
09.93-11.95		112229	14	70	09.93-11.95	111123	12	0.9	
Vectra A 1.6 S	[16SV]	09.88-05.93	110077	14	50	09.88-08.95	111127	12	1.4
		09.91-08.95	111426	14	100	09.88-08.95	111684	12	1.4
		09.91-08.95	112229	14	70	09.88-08.95	111123	12	0.9
Vectra A 1.7 Diesel	[17D]	10.88-08.95	111168	14	55	10.88-08.95	110839	12	1.7
		10.88-08.95	112056	14	70				
Vectra A 1.7 Diesel	[17DR]	10.88-08.95	112056	14	70	10.88-08.95	110839	12	1.7
Vectra A 1.7 TD	[17DT]	03.90-08.95	111186	14	70	03.90-08.95	111274	12	1.2
						10.88-08.95	110839	12	1.7
						10.88-08.95	110839	12	1.7
Vectra A 1.7 TD	[X17DT]	03.90-08.95	111186	14	70	03.90-08.95	111274	12	1.2
						10.88-08.95	110839	12	1.7
						10.88-08.95	110839	12	1.7
Vectra A 1.8 i	[18SV]	09.88-09.91	111169	14	70	AT 09.88-08.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
		09.91-08.95	112229	14	70				
	[C18NZ]	03.90-08.91	111169	14	70	AT 03.90-08.95	110847	12	1.4 BO
		03.90-11.95	111514	14	100				
Vectra A 1.8 S	[18SV]	09.89-08.95	111169	14	70	AT 09.89-08.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
		09.91-08.95	112229	14	70				
	[E18NVR]	09.88-09.91	111169	14	70	AT 09.88-08.95	110847	12	1.4 BO
		09.88-08.95	112229	14	70				
Vectra A 1.8 S 4x4	[E18NVR]	01.89-08.91	111169	14	70	01.89-08.95	110847	12	1.4 BO
		01.89-08.95	112229	14	70				
		09.91-08.95	111426	14	100				
Vectra A 2.0 16V 2000 GT	[C20XE]	02.90-08.92	111169	14	70	02.90-11.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
		09.92-08.95	111732	14	120				
Vectra A 2.0 16V 2000 GT 4x4	[C20XE]	09.92-08.95	112229	14	70				
		02.90-08.92	111169	14	70	02.90-08.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
		09.92-08.95	111732	14	120				
Vectra A 2.0 GTi	[20SEH]	09.92-08.95	112229	14	70				
		09.88-08.92	111169	14	70	AT 09.88-08.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
		09.92-08.95	111732	14	120				
Vectra A 2.0 i 16V	[20XEJ]	02.89-10.90	111169	14	70	02.89-10.90	110847	12	1.4 BO
		02.90-09.92	111169	14	70	02.90-08.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
	[C20XE]	09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
[X20XEJ]	06.94-11.95	111426	14	100	06.94-11.95	111848	12	1.0	
	06.94-11.95	111514	14	100					
	06.94-11.95	111732	14	120					
	06.94-11.95	112229	14	70					
Vectra A 2.0 i 16V 2000 4WD	[20XEJ]	01.89-10.90	111169	14	70	01.89-10.90	110847	12	1.4 BO
		01.89-08.92	111169	14	70	01.89-06.94	110847	12	1.4 BO
Vectra A 2.0 i 16V 2000 GT	[20XEJ]	09.91-06.94	111426	14	100				
		09.92-06.94	111732	14	120				
		09.92-06.94	112229	14	70				
Vectra A 2.0 i 16V 4x4	[X20XEJ]	06.94-11.95	111426	14	100	06.94-11.95	111848	12	1.0
		06.94-11.95	111732	14	120				
		06.94-11.95	112229	14	70				
Vectra A 2.0 i Turbo 4x4	[C20LET]	09.92-08.95	111426	14	100	09.92-08.95	110847	12	1.4 BO
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
		06.94-11.95	111514	14	100				
Vectra A 2.0 i	[20NE]	09.88-08.92	111169	14	70	AT 09.88-08.95	110847	12	1.4 BO
		09.91-08.95	111426	14	100				
		09.92-08.95	111732	14	120				
		09.92-08.95	112229	14	70				
	[20SEH]	09.88-09.92	111169	14	70	AT 09.88-08.95	110847	12	1.4 BO
		09.88-08.95	112229	14	70				
		09.91-08.95	111426	14	100				
	[C20NE]	09.92-08.95	111732	14	120				
		09.88-08.92	111169	14	70	AT 09.88-11.95	110847	12	1.4 DR, BO
		09.88-11.95	111514	14	100				
[C20NEJ]	09.91-08.95	111426	14	100					
	09.92-08.95	111732	14	120					
	09.92-08.95	112229	14	70					
	04.88-09.92	111169	14	70	AT 04.88-09.89	110847	12	1.4 BO	
	09.88-	112229	14	70					



Application list

OPEL Continued

Vectra A 2.0 i 4x4	[20NE]	01.89- 08.92	111169	14 70	01.89- 08.95	110847	12 1.4	80
		09.91- 08.95	111426	14 100				
		09.92- 08.95	111732	14 120				
		09.92- 08.95	112229	14 70				
	[20SEH]	01.89- 09.92	111169	14 70	01.89- 09.92	110847	12 1.4	80
		01.89- 08.95	112229	14 70				
		09.91- 08.95	111426	14 100				
		09.92- 08.95	111732	14 120				
	[C20NE]	01.89- 08.92	111169	14 70	01.89- 08.95	110847	12 1.4	80
		09.91- 08.95	111426	14 100				
		09.92- 08.95	111732	14 120				
		09.92- 08.95	112229	14 70				
Vectra A 2.5 i V6	[C25XE]	02.93- 08.95	111514	14 100				
Vectra B 1.6 i 16V	[X16XEL]	09.95-	111426	14 100	09.95-	111123	12 0.9	
		09.95-	111732	14 120				
		09.95-	112229	14 70				
		10.95- 07.02	111514	14 100				
	[Y16XE]	10.95- 07.02	111514	14 100	09.95- 09.02	111684	12 1.4	
								10.95- 09.02
[Z16XE]	09.95- 07.02	111514	14 100	10.95- 09.02	111123	12 0.9		
Vectra B 1.6 i	[16LZ2]	10.95- 04.02	111426	14 100	10.95-	111123	12 0.9	
		10.95- 04.02	111732	14 120				
		10.95- 04.02	112229	14 70				
								10.95-
	[X16SZR]	09.95-	111426	14 100	09.95-	111123	12 0.9	
		09.95-	111732	14 120				
		09.95-	112229	14 70				
		10.95- 07.03	111514	14 100				
Vectra B 1.7 TD	[X17DT (TC4EE1)]	09.95- 11.96	111515	14 70	09.95- 11.96	111690	12 1.1	
		10.95- 11.96	111831	14 100				
Vectra B 1.8 16V	[X18XE]	10.95- 09.00	111426	14 100	10.95- 09.00	111848	12 1.0	
		10.95- 09.00	111732	14 120				
		11.96- 09.00	112229	14 70				
Vectra B 1.8 i 16V	[X18XE]	09.95-	111426	14 100	09.95- 09.00	111848	12 1.0	
		09.95-	111732	14 120				
		09.95-	112229	14 70				
		10.95- 09.00	111514	14 100				
	[X18XE1]	10.95- 09.00	111514	14 100	06.98-	112431	12 1.1	
		06.98-	111426	14 100				
		06.98-	111732	14 120				
		06.98-	112229	14 70				
	[Z18XE]	09.00- 07.03	111514	14 100	09.00- 09.02	112431	12 1.1	
		09.00- 09.02	111732	14 120				
		09.00- 09.02	112229	14 70				
Vectra B 2.0 i 16V	[C20SEL]	10.95- 09.00	111514	14 100	10.95- 09.02	111848	12 1.0	
	[X20XEV]	09.95-	111426	14 100				
		09.95-	111732	14 120				
		09.95-	112229	14 70				
		10.95- 09.00	111514	14 100				
Vectra B 2.0 i	[20NEJ]	10.95-	111426	14 100				
		10.95-	111732	14 120				
		10.95-	112229	14 70				
Vectra B 2.0 Diesel 16V	[X20DTL]				11.96- 04.02	113674	12 2.0	
Vectra B 2.0 TD 16V	[X20DTH]				06.97- 07.03	113674	12 2.0	
	[Y20DTH]				06.97- 07.03	113674	12 2.0	
Vectra B 2.2 i 16V	[Z22SE]	09.00-	113352	14 120	09.00- 07.03	114341	12 1.2	
		Chas. 17081352- 09.00-	113352	14 120				
Vectra B 2.2 DTi 16V	[Y22DTR]	09.00-	112415	14 120	09.00- 07.03	113674	12 2.0	
		09.00- 07.03	116334*	14 120				
Vectra B 2.2 DTi	[Y22DTR]	09.00- 04.02	112415	14 120	09.00- 04.02	113674	12 2.0	
		09.00- 04.02	116334*	14 120				
Vectra B 2.5 i V6	[X25XE]	09.95-	111514	14 100				
Vectra B 2.5 i	[X25XE]	05.98-	111514	14 100				
Vectra B CC 1.8 16V	[X18XE]	10.95- 09.00	111426	14 100	10.95- 09.00	111848	12 1.0	
		10.95- 09.00	111732	14 120				
Vectra B CC 2.2 DTi	[Y22DTR]	09.00- 04.02	112415	14 120	09.00- 04.02	113674	12 2.0	
		09.00- 04.02	116334*	14 120				
Vectra C 1.6	[Z16XEP]	01.06-	114668	14 100	01.06-	113276	12 1.1	
		Chas. 71052537- 01.06-	115306	14 120				
		Chas. -71052536 01.06-	114431	14 120				
Vectra C 1.6 GTS	[Z16XE]				08.05-	113276	12 1.1	
	[Z16XEP]	01.06-	114668	14 100	01.06-	111123	12 0.9	
Vectra C 1.6 16V	[Z16XE]	Chas. 71052537- 01.06-	115306	14 120	06.04- 07.05	113276	12 1.1	
		06.04-	112416	14 100				
		06.04- 07.05	115619	14 120				
Vectra C 1.8	[Z18XEL]	04.02- 08.05	112229	14 70				
	[Z18XER]	01.06-	114431	14 120	01.06-	114298	12 1.1	
Vectra C 1.8 GTS	[Z18XER]	01.06-	114668	14 100				
	Chas. 71052537- 01.06-	115306	14 120					
	Chas. -71052536 01.06-	114431	14 120					
Vectra C 1.8 16V GTS	[Z18XEL]	08.02- 12.06	112416	14 100	08.02- 12.06	113276	12 1.1	
		08.02- 12.06	115619	14 120				
Vectra C 1.8 i 16V	[Z18XE]	04.02-	112416	14 100	04.02-	113276	12 1.1	
		04.02-	115619	14 120				
	[Z18XEL]	04.02-	112416	14 100				
	04.02-	115619	14 120					
Vectra C 1.8 i 16V GTS	[Z18XE]	08.02-	112416	14 100				
	[Z18XEL]	08.02-	115619	14 120				
Vectra C 1.8 i	[Z18XE]	10.03-	112416	14 100	09.03-	113276	12 1.1	
		10.03-	115619	14 120				
Vectra C 1.9 CDTi	[Z19DT]	04.04-	113904	14 130	04.04-	113931	12 1.7	
		04.04-	113955	14 105				
		04.04-	114088	14 140				
		04.04-	115487	14 140				
		10.05-	114204	14 120				
		Chas. -71111927 04.04-	114204	14 120				



	[Z19DTH]	04.04- 04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		04.04- AT 04.04-	114058 113931	12 1.7 12 1.7
Vectra C 1.9 CDTi GTS	[Z19DT]	04.04- 04.04- 04.04- 04.04- Chas. -71111927 04.04-	113904 113955 114088 115487 114204	14 130 14 105 14 140 14 140 A49 14 120		04.04-	113931	12 1.7
	[Z19DTH]	04.04- 04.04- 04.04- 04.04-	113904 113955 114088 114204	14 130 14 105 14 140 14 120		04.04- AT 04.04-	114058 113931	12 1.7 12 1.7
	[Z19DTL]	10.05- 10.05- 10.05- 10.05- 10.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		10.05-	113931	12 1.7
Vectra C 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14 120				
Vectra C 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14 120				
Vectra C 2.0 Turbo	[Z20NET]	10.03-	113352	14 120				
Vectra C 2.0 DTi 16V	[Y20DTH]	04.02- 04.02- 04.02-	112415 114656 116334*	14 120 A49 14 140 14 120		04.02-	113674	12 2.0
Vectra C 2.0 DTi 16V GTS	[Y20DTH]	08.02- 08.02- 08.02-	112415 114656 116334*	14 120 A49 14 140 14 120		08.02-	113674	12 2.0
Vectra C 2.0 DTi	[Y20DTH]	10.03- 10.03- 10.03-	112415 114656 116334*	14 120 A49 14 140 14 120		10.03-	113674	12 2.0
Vectra C 2.2 Direct	[Z22YH]	10.03-	113352	14 120		10.03-	114341	12 1.2
Vectra C 2.2 GTS Direct	[Z22YH]	10.03-	113352	14 120		10.03-	114341	12 1.2
Vectra C 2.2 i 16V	[Z22SE]	04.02-	113352	14 120		04.02-	114341	12 1.2
Vectra C 2.2 i 16V GTS	[Z22SE]	08.02-	113352	14 120		08.02-	114341	12 1.2
Vectra C 2.2 DTi 16V	[Y22DTR]	04.02- 04.02- 04.02-	112415 114656 116334*	14 120 A49 14 140 14 120				
Vectra C 2.2 DTi 16V GTS	[Y22DTR]	08.02- 06.08 08.02- 06.08 08.02- 06.08	112415 114656 116334*	14 120 A49 14 140 14 120		08.02- 06.08	113674	12 2.0
Vectra C 2.2 DTi	[Y22DTR]	10.03- 06.08 10.03- 06.08 10.03- 06.08	112415 114656 116334*	14 120 A49 14 140 14 120		10.03- 06.08	113674	12 2.0
Vectra C 2.8 Turbo V6	[Z28NEL]					08.05-	115597	12 1.4
	[Z28NET]					08.05-	115597	12 1.4
Vectra C 2.8 Turbo V6 GTS	[Z28NET]					08.05-	115597	12 1.4
	[Z28NET]					08.05-	115597	12 1.4
Vectra C 2.8 V6 Turbo OPC	[Z28NET]					09.06- 09.08	115597	12 1.4
Vectra C 2.8 V6 Turbo	[Z28NET]					01.07-	115597	12 1.4
Vectra C 3.0 CDTi	[Z30DT]					08.05-	114482	12 2.2
Vectra C 3.0 CDTi GTS	[Z30DT]					08.05-	114482	12 2.2
Vectra C 3.0 DCTi V6	[Y30DT]					10.03-	114482	12 2.2
Vivaro 1.6 CDTi	[R9M408]					06.14-	115829	12 1.8
	[R9M413]	08.16-	116225*	12 150		08.16-	115829	12 1.8
	[R9M450]	05.14-	116225*	12 150		05.14-	115829	12 1.8
	[R9M452]	03.16-	116225*	12 150		03.16-	115829	12 1.8
Vivaro 1.9 Di	[F9Q762]					08.06-	114814	12 0.9
Vivaro 1.9 Diesel Di	[F9Q762]	08.01- AC 08.01-	113248 112471	14 120 14 125		08.01-	112474	12 1.8
Vivaro 1.9 Diesel	[F9Q762]	08.01- 08.01-	112471 113248	14 125 14 120		08.01-	112474	12 1.8
	[F9Q774]	08.01- AC 08.01-	113248 112471	14 120 14 125		08.01-	112474	12 1.8
Vivaro 1.9 DTi	[F9Q760]	08.01- AC 08.01-	113248 112471	14 120 14 125		08.01-	112474	12 1.8
Vivaro 2.0 Ecotec	[F4R820]					08.06-	114814	12 0.9
Vivaro 2.0 16V	[F4R]	08.06-	114122	14 150		08.06-	114814	12 0.9
	[F4R720]	08.01- 08.01- AC 08.01- A22 08.01-	113248 114122 113245 112471	14 120 14 150 14 125 14 125		08.01-	114814	12 0.9
Vivaro 2.0 CDTi	[M9R630]	08.06-	114509	14 150		08.06-	114074	12 2.2
	[M9R692]	08.06-	114509	14 150		08.06-	114074	12 2.2
	[M9R780]	08.06-	114509	14 150		08.06-	114074	12 2.2
	[M9R782]	01.06-	114509	14 150		08.06-	114074	12 2.2
	[M9R784]	08.06-	114509	14 150		08.06-	114074	12 2.2
	[M9R786]	08.06-	114509	14 150		08.06-	114074	12 2.2
	[M9R788]	08.06-	114509	14 150		08.06-	114074	12 2.2
Vivaro 2.5 CDTi	[G9MB6]	08.06-	113837	14 150				
	[G9U630]	08.06-	113837	14 150		08.06-	112475	12 2.1
Vivaro 2.5 CDTi Combi	[G9U630]	08.06-	113837	14 150				
Vivaro 2.5 DTi	[G9U730]	05.03- AC 05.03-	112471 113245	14 125 14 125		05.03-	112475	12 2.1
Zafira A 1.6 16V	[X16XEL]	03.99- 03.99- 08.00 Chas. -12257452, -15257663, -18131574 04.99- 07.05	111990 112416 115619	14 70 14 100 14 120		04.99- 04.99-	111123 113276	12 0.9 12 1.1
	[Z16XE]	03.99- 03.99- 08.00 Chas. -12257452, -15257663, -18131574 09.00- 07.05	111990 112416 115619	14 70 14 100 14 120		09.00- 04.99-	113276 111123	12 1.1 12 0.9
Zafira A 1.6 i	[Z16YNG]	09.01- 09.01- 06.05	111990 115619	14 70 14 120		09.01- 09.01- 09.98-	113276 111123 111684	12 1.1 12 0.9 12 1.4
Zafira A 1.8 16V	[X18XE1]	04.99- 04.99- Chas. -12257452, -15257663, -18131574 04.99- 09.00	111990 112416 115619	14 70 14 100 14 120		04.99-	112431	12 1.1

STARTERS & ALTERNATORS



Application list

Opel Continued

	[Z18XE]		09.00-111990 14 70		09.00-112431 12 1.1
			09.00-112416 14 100		
		Chas. -12257452, -15257663, -18131574	09.00-07.05 115619 14 120		
Zafira A 2.0	[Z20LET]		09.01-112416 14 100	09.01-	111848 12 1.0
			09.01-06.05 115619 14 120		
Zafira A 2.0 OPC	[Z20LER]		11.02-06.05 112416 14 100	11.02-06.05	111848 12 1.0
			11.02-06.05 115619 14 120		
	[Z20LET]		11.02-112416 14 100	09.01-	111848 12 1.0
			11.02-07.05 115619 14 120		
Zafira A 2.0 Diesel Di 16V	[X20DTL]		10.99-112415 14 120 A49	10.99-	113674 12 2.0
			10.99-06.05 113879 14 100		
			10.99-06.05 116334* 14 120		
Zafira A 2.0 DTI 16V	[Y20DTH]		09.00-06.05 113879 14 100	09.00-06.05	113674 12 2.0
Zafira A 2.2 16V	[Z22SE]		09.00-113352 14 120	09.00-	114341 12 1.2
Zafira A 2.2 DTI 16V	[Y22DTR]		01.02-112415 14 120 A49	01.02-	113674 12 2.0
			01.02-06.05 114656 14 140		
			01.02-06.05 116334* 14 120		
		A19	01.02-06.05 114658 14 140		
Zafira A 2.2 DTI	[Y22DTR]		01.02-06.05 112415 14 120 A49	01.02-06.05	113674 12 2.0
			01.02-06.05 114658 14 140		
			01.02-06.05 116334* 14 120		
Zafira B 1.6	[A16XER]		01.08-114668 14 100	01.08-	114298 12 1.1
		Chas. 72095157-	01.08-115306 14 120		
		Chas. -72095156	01.08-114431 14 120		
	[Z16XE1]		07.05-114431 14 120	07.05-	114298 12 1.1
				07.05-	113276 12 1.1
	[Z16XEP]		07.05-114431 14 120	07.05-	114298 12 1.1
				07.05-	113276 12 1.1
	[Z16XER]		01.08-114668 14 100	01.08-	114298 12 1.1
		Chas. 72095157-	01.08-115306 14 120		
		Chas. -72095156	01.08-114431 14 120		
Zafira B 1.6 Ecoflex CNG	[A16XNT]		02.09-115843 14 120	02.09-	114298 12 1.1
	[Z16XNT]		02.09-115843 14 120	02.09-	114298 12 1.1
Zafira B 1.6 Turbo CNG	[A16XNT]		02.09-115843 14 120	02.09-	114298 12 1.1
	[Z16XNT]		02.09-115843 14 120	02.09-	114298 12 1.1
Zafira B 1.6	[Z16YNG]		01.06-115619 14 120		
Zafira B 1.7 CDTi	[A17DTJ]		01.08-114512 14 140	01.08-	112320 12 1.4
			01.08-114665 14 100		
	[A17DTR]		01.08-114512 14 140	01.08-	112320 12 1.4
			01.08-114665 14 100		
	[Z17DTJ]		01.08-114512 14 140	01.08-	112320 12 1.4
			01.08-114665 14 100		
Zafira B 1.8	[A18XEL]		06.13-115306 14 120	06.13-	114298 12 1.1
	[A18XER]		07.05-114431 14 120	07.05-	114298 12 1.1
	[Z18XEP]		07.05-114431 14 120	07.05-	114298 12 1.1
	[Z18XER]		07.05-114431 14 120	07.05-	114298 12 1.1
Zafira B 1.8 LPG	[Z18XER]		07.09-115306 14 120	07.09-	114298 12 1.1
Zafira B 1.9 CDTi	[Z19DT]		07.05-113904 14 130	07.05-	113931 12 1.7
			07.05-113955 14 105		
			07.05-114088 14 140		
			07.05-114204 14 120		
			07.05-115487 14 140 A49		
	[Z19DTH]		07.05-113904 14 130	07.05-	114058 12 1.7
			07.05-113955 14 105	AT 07.05-	113931 12 1.7
			07.05-114088 14 140		
			07.05-114204 14 120		
			07.05-115487 14 140 A49		
Zafira B 2.0	[Z20LEH]		01.06-115846 14 120	01.06-	111848 12 1.0
	[Z20LER]		07.05-115846 14 120	07.05-	111848 12 1.0
Zafira B 2.2	[Z22YH]			07.05-	114341 12 1.2
Zafira C 1.4	[A14NEL]			10.11-	115395 12 1.1
				10.11-	115646 12 1.1
	[A14NET]			10.11-	115395 12 1.1
				10.11-	115646 12 1.1
	[B14NEL]			10.11-	115395 12 1.1
				10.11-	115646 12 1.1
	[B14NET]			10.11-	115395 12 1.1
				10.11-	115646 12 1.1
Zafira C 1.4 BiFuel LPG	[A14NET]			10.11-	115395 12 1.1
				10.11-	115646 12 1.1
	[B14NET]			10.11-	115395 12 1.1
				10.11-	115646 12 1.1
Zafira C 1.6 CNG	[A16XNT]		10.11-114067 14 140	10.11-	114298 12 1.1
			10.11-114779 14 100		
	[B16XNT]		10.11-114067 14 140	10.11-	114298 12 1.1
			10.11-114779 14 100		
Zafira C 1.8	[A18XEL]		10.11-115410 14 100	10.11-	114298 12 1.1
			10.11-115861 14 140		
	[A18XER]		10.11-115410 14 100	10.11-	114298 12 1.1
			10.11-115861 14 140		
Zafira C 1.8 LPG	[A18XER]		10.11-115410 14 100	10.11-	114298 12 1.1
			10.11-115861 14 140		
Zafira C 2.0 BiTurbo CDTi	[A20DTR]		01.13-114202 14 100	01.13-	114058 12 1.7
			01.13-114847 14 140		
			01.13-115526 14 100		
			01.13-115583 14 120 A49		
			01.13-116183* 14 120		
Zafira C 2.0 CDTi	[A20DT]		10.11-114202 14 100	10.11-	113931 12 1.7
			10.11-114847 14 140	10.11-	114058 12 1.7
			10.11-115526 14 100		
			10.11-115583 14 120 A49		
			10.11-116183* 14 120		
	[A20DTH]		10.11-114202 14 100	10.11-	113931 12 1.7
			10.11-114847 14 140	10.11-	114058 12 1.7
			10.11-115526 14 100		
			10.11-115583 14 120 A49		
			10.11-116183* 14 120		



[A20DTL]	10.11-	114202	14	100	10.11-	113931	12	1.7
	10.11-	114847	14	140	10.11-	114058	12	1.7
	10.11-	115526	14	100				
	10.11-	115583	14	120 A49				
	10.11-	116183*	14	120				
[Y20DTJ]	10.11-	114202	14	100	10.11-	113931	12	1.7
	10.11-	114847	14	140	10.11-	114058	12	1.7
	10.11-	115583	14	120 A49				
	10.11-	116183*	14	120				
[Z20DTJ]	10.11-	114202	14	100	10.11-	113931	12	1.7
	10.11-	114847	14	140	10.11-	114058	12	1.7
	10.11-	115583	14	120 A49				
	10.11-	116183*	14	120				
Orenstein and koppel								
MISCELLANEOUS								
Various Models KHD	[F8L413]					114438	24	5.4
Padane								
TRUCKS EU								
ZX 14.6	[OM422.907]		01.81-	113920			28	35
Payloader								
AGRICULTURE								
Various Models					01.69-	116139	12	3.0 A49
					01.69-	116086	12	2.7 A49
					01.69-	116312	12	2.7 BO
					01.69- 01.75	110438	12	2.1
					01.69- 06.76	110523	24	4.8
					01.69- 12.85	111752	12	2.7
					05.79-	110536	12	2.7
Pei Job								
INDUSTRI								
EB150	[Mitsubishi]					112178	12	1.6
						112185	12	1.2
ED..	[Mitsubishi]					112178	12	1.6
						112185	12	1.2
Perkins								
MARINE								
Various Models						114718	12	1.4
						114650	12	1.8
MOTORS								
1004-4 4.0						114107	12	3.2
						110615	12	2.8
						113269	12	3.0
						110615	12	2.8
1006-6 6.0						115389	12	4.2
1006C-E66TAG2	[1006C-E66TAG2]					115389	12	4.2
1006C-E66TAG3	[1006C-E66TAG3]					115389	12	4.2
1006C-E66TAG4	[1006C-E66TAG4]					115389	12	4.2
1006-TAG	[1006-TAG]					115389	12	4.2
3-152 2.5						110615	12	2.8
403C-07 0.7 3R						112534	12	2.0
403C-10 1.0 3R						112534	12	2.0
403C-11 1.1 3R						112534	12	2.0
403C-15 1.5 3R						112534	12	2.0
404C-20 2.0 4R						112534	12	2.0
404C-22 2.2 4R						112534	12	2.0
404C-22T 2.2 4R44						112534	12	2.0
4-108		112112	14	70	01.89-	112277	12	1.8
					01.89-	110602	12	2.8
4-154					01.89-	110602	12	2.8
4-236 3.9		111295	28	55		110615	12	2.8
4-248 4.0					01.87- 01.90	110615	12	2.8
					01.71- 06.90	113534	12	3.0
6-354		111510	28	55				
		112112	14	70	01.87- 01.89	110615	12	2.8
					07.87- 12.89	113534	12	3.0
						110449	12	3.6 A49
					07.87- 12.89	112670	24	4.0
					01.80-	110566	24	5.2
					01.80-	110566	24	5.2
6-372						110615	12	2.8
903-27 2.7						111097	24	5.5
Various Models	[Komatsu]				01.88-	112277	12	1.8
						114718	12	1.4
		113967	14	120 MA		115991	12	1.2
		114767	28	100		116307	12	3.2 IS
		112112	14	70		116308	12	3.2 IS
						116136	12	4.2
						114107	12	3.2
					01.76-	110819	12	2.8
					01.71- 01.90	113534	12	3.0
						113269	12	3.0
					OE	114387	12	3.2 IS
					OE	114388	12	3.2 IS
						110590	12	2.8
						112089	12	
					02.78- 03.97	111737	12	2.8
						111703	12	2.0
						112091	24	5.2
						112534	12	2.0
					07.87- 12.89	112670	24	4.0
					01.87- 01.89	113654	12	3.0 MA
					01.87- 01.89	113655	12	3.0 MA
					01.83- 01.86	110604	12	2.8
					01.70-	110450	12	3.6
						111041	12	2.8
Peterbilt Trucks								
TRUCKS EU								
Various Models					01.80- 01.84	110999	24	

STARTERS & ALTERNATORS



Application list

Peugeot									
PASSENGER CARS EU									
104 1.0	[108 (XV3)]	10.72- 10.79	111075	14 55					
	[108 (XV5)]	10.72- 06.88	111075	14 55	10.72- 10.79	111068	12 0.85		
	[108C (XV8)]	08.79- 06.88	111075	14 55	09.83- 06.88	111068	12 0.85		
104 1.1	[109 (XW3)]	08.79- 06.88	111075	14 55					
	[109F (XW7)]	08.79- 06.88	111075	14 55	11.84- 06.88	111068	12 0.85		
	[121 (XW3S)]	08.79- 06.88	111075	14 55					
104 1.2	[129 (XZ5)]	08.79- 06.83	111075	14 55	11.84- 07.88	111068	12 0.85		
104 1.4	[150 (XY6B)]	08.79- 06.84	111075	14 55	11.84- 07.88	111068	12 0.85		
106 1.0	[CDY (TU9M)]	09.91- 03.01	110619	14 70	09.91- 03.01	116306	12 1.2	Reman. Starter	
		09.91- 03.01	112782	14 80	09.91- 03.01	110584	12 1.2		
	[CDZ (TU9M)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12 1.2		
		AC 09.91- 04.96	112782	14 80	09.91- 04.96	116306	12 1.2	Reman. Starter	
	[TU9]	09.91- 03.01	110619	14 70	09.91- 03.01	110584	12 1.2		
		09.91- 03.01	112782	14 80	09.91- 03.01	116306	12 1.2	Reman. Starter	
106 1.0 i	[CDY (TU9M)]	05.96-	110619	14 70	05.96-	116306	12 1.2	Reman. Starter	
					05.96-	110584	12 1.2		
					05.96-	111994	12 0.7		
	[CDZ (TU9M)]	01.97-	110619	14 70	01.97-	116306	12 1.2	Reman. Starter	
				01.97-	110584	12 1.2			
				01.97-	111994	12 0.7			
106 1.1	[HDZ (TU1M)]	09.91- 04.96	110619	14 70	09.91- 04.96	116306	12 1.2	Reman. Starter	
					09.91- 04.96	110584	12 1.2		
106 1.1 i	[HDY (TU1M)]	03.00-	112648	14 70	01.97-	116306	12 1.2	Reman. Starter	
		01.97-	110619	14 70	01.97-	110584	12 1.2		
		AC 01.97-	111723	14 70	01.97-	111994	12 0.7		
	[HDZ (TU1M)]	03.00-	112648	14 70	05.96-	116306	12 1.2	Reman. Starter	
		05.96-	110619	14 70	05.96-	110584	12 1.2		
		AC 05.96-	111723	14 70	05.96-	111994	12 0.7		
	[HFX (TU1JP)]	03.00-	112648	14 70	03.00-	116306	12 1.2	Reman. Starter	
		05.96-	110619	14 70	03.00- 05.05	111994	12 0.7		
					03.00- 05.05	110584	12 1.2		
106 1.3	[TU2J2]	10.93- 04.96	110619	14 70	10.93- 04.96	116306	12 1.2	Reman. Starter	
					10.93- 04.96	110584	12 1.2		
106 1.4	[K5A (TU3)]	08.91- 03.96	110619	14 70	08.91- 03.96	110584	12 1.2		
		08.91- 03.96	112782	14 80	08.91- 03.96	116306	12 1.2	Reman. Starter	
	[KDX (TU3MC)]	12.92- 04.96	110619	14 70	12.92- 04.96	110584	12 1.2		
		AC 12.92- 04.96	112782	14 80	09.91- 04.96	116306	12 1.2	Reman. Starter	
	[KDY (TU3M)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12 1.2		
		09.91- 04.96	112782	14 80	09.91- 04.96	116306	12 1.2	Reman. Starter	
	[KFZ (TU3J2/Z)]	09.91- 04.96	110619	14 70	09.91- 04.96	110584	12 1.2		
		09.91- 04.96	112782	14 80	09.91- 04.96	116306	12 1.2	Reman. Starter	
106 1.4 i	[KFW (TU3JP)]	05.96-	110619	14 70	05.96-	116306	12 1.2	Reman. Starter	
					05.96-	110584	12 1.2		
	[KFX (TU3JP)]	03.00-	112648	14 70	05.96-	111994	12 0.7		
		05.96-	110619	14 70	05.96-	110584	12 1.2		
		05.96-	111723	14 70	05.96-	116306	12 1.2	Reman. Starter	
		05.96-	112782	14 80					
106 1.4 Diesel	[K9Y (TUD3Y)]				09.92- 04.96	111029	12 1.4		
106 1.5 Diesel	[VJX (TUD5)]	07.00-	111893	14 70	10.00-	111029	12 1.4		
		07.00-	112287	14 70					
		10.00-	111532	14 80					
	[VJY (TUD5)]	12.93- 04.96	112287	14 70	06.94- 04.96	111029	12 1.4		
		01.94- 04.96	111532	14 80					
	06.94- 04.96	112467	14 90						
106 1.6	[NFY (TU5J2)]	01.94- 04.96	110619	14 70	01.94- 04.96	110584	12 1.2		
		AC 01.94- 04.96	112782	14 80	01.94- 04.96	116306	12 1.2	Reman. Starter	
	[NFZ (TU5JP)]	06.93- 04.96	110619	14 70	06.93- 04.96	116306	12 1.2	Reman. Starter	
		09.98-	113404	14 90	06.93- 04.96	110584	12 1.2		
	AC 06.93- 04.96	112782	14 80						
106 1.6 i	[NFW (TU5J2)]	05.96-	111893	14 70					
		05.96-	112782	14 80					
		09.98-	113404	14 90					
	[NFY (TU5J2)]	05.96-	111893	14 70	05.96-	111994	12 0.7		
		05.96-	112782	14 80	05.96-	116306	12 1.2	Reman. Starter	
					05.96-	110584	12 1.2		
	[NFZ (TU5JP)]	05.96-	111723	14 70	05.96-	111994	12 0.7		
		05.96-	112782	14 80	05.96-	116306	12 1.2	Reman. Starter	
				05.96-	110584	12 1.2			
106 1.6 S 16	[NFX (TU5J4)]	05.96-	112782	14 80	05.96-	116306	12 1.2	Reman. Starter	
					05.96-	110584	12 1.2		
					05.96-	111994	12 0.7		
107 1.0	[1KR (384F)]	06.05-	114090	14 70	06.05-	113963	12 1.1		
		06.05-	114099	14 80					



107 1.4 HDI	[8HT (DV4TD)]	06.05-	113755	14	150	06.05- 06.05- 06.05-	113933 111848 113254	12	1.5 1.0 1.4
108 1.0 VTI	[1KR-FE]					05.14-	116279*	12	1.2
108 1.0 VTI 72	[CFB (1KR)]					A13 05.18- A42 05.18-	116279* 113963	12	1.2 1.1
108 1.2	[HMT (EB2D)]					05.14-	116092	12	1.0
205 1.0	[108C (XV8)]	02.83- 10.87	111075	14	55	02.83- 10.87	111068	12	0.85
	[TU9]	10.87- 09.98	110077	14	50	10.87- 09.98	110584	12	1.2
		10.87- 09.98	111841	14	50	10.87- 09.98	116306	12	1.2
		10.87- 09.98	112754	14	70				Reman. Starter
205 1.1		AC 10.87- 09.98	114026	14	80				
	[109F (XW7)]	10.87	111075	14	55	02.83- 10.87	111068	12	0.85
	[109N (XW7)]	02.83- 10.90	111075	14	55	08.86- 10.90	111068	12	0.85
		10.87-	112162	14	70				
205 1.1	[H1B (TU1)]	10.87- 10.90	110077	14	50	10.87- 10.90	110584	12	1.2
		10.87- 10.90	111841	14	50	10.87- 10.90	116306	12	1.2
		10.87- 10.90	112754	14	70				Reman. Starter
	[HDZ (TU1M)]	07.89- 09.98	110077	14	50	07.89- 09.98	110584	12	1.2
205 1.1		07.89- 09.98	111841	14	50	07.89- 09.98	116306	12	1.2
		07.89- 09.98	112754	14	70				Reman. Starter
		AC 07.89- 09.98	114026	14	80				
	[HDZ (TU1M)]	10.89- 12.94	110077	14	50	10.89-	110584	12	1.2
205 1.1 CJ		10.89-	111841	14	50	10.89- 12.94	116306	12	1.2
		10.89- 12.94	112754	14	70				Reman. Starter
		AC 10.87- 10.90	114026	14	80	10.87- 10.90	110584	12	1.2
205 1.3 Rally		10.87- 10.90	111841	14	50	10.87- 10.90	116306	12	1.2
		10.87- 10.90	112754	14	70				Reman. Starter
		AC 10.87- 10.90	114026	14	80	10.87- 10.90	110584	12	1.2
205 1.4		10.87- 10.90	111841	14	50	10.87- 10.90	116306	12	1.2
		10.87- 10.90	112754	14	70				Reman. Starter
		AC 10.87- 10.90	114026	14	80	10.87- 10.90	110584	12	1.2
205 1.4	[150 (XY6B)]	02.83- 10.87	111075	14	55	02.83- 10.87	111068	12	0.85
	[150B (XY8)]	12.88	111075	14	55	02.83- 10.87	111068	12	0.85
	[150D (XY7)]	02.83- 05.89	111075	14	55	02.83- 05.89	111068	12	0.85
205 1.4		10.87- 05.89	111841	14	50				
	[150G (XY7)]	10.87- 10.90	111075	14	55				
	[150H (XY8)]	10.85- 05.89	111075	14	55	10.85- 05.89	111068	12	0.85
205 1.4		07.88- 05.89	111841	14	50				
	[K1D (TU3A)]	10.87- 10.90	110077	14	50	10.87- 10.90	110584	12	1.2
		10.87- 10.90	111841	14	50	10.87- 10.90	116306	12	1.2
205 1.4		10.87- 10.90	112754	14	70				Reman. Starter
	[K2B (TU3S)]	06.87- 12.89	110077	14	50	06.87- 12.89	110584	12	1.2
		06.87- 12.89	111841	14	50	06.87- 12.89	116306	12	1.2
205 1.4		06.87- 12.89	112754	14	70				Reman. Starter
	[KAY (TU3CP)]	08.87- 09.93	110077	14	50	08.87- 09.93	116306	12	1.2
		08.87- 09.93	112754	14	70	08.87- 09.93	110584	12	1.2
205 1.4		01.89- 09.93	111841	14	50				
	[KDX (TU3MC)]	08.90- 07.98	111841	14	50	08.90- 07.98	110584	12	1.2
		08.90- 07.98	112754	14	70	08.90- 07.98	116306	12	1.2
205 1.4		08.90- 07.98	112754	14	70				Reman. Starter
	[KDY (TU3M)]	07.88- 09.98	110077	14	50	07.88- 09.98	110584	12	1.2
		07.88- 09.98	111841	14	50	07.88- 09.98	116306	12	1.2
205 1.4		07.88- 09.98	112754	14	70				Reman. Starter
		AC 07.88- 09.98	114026	14	80				
	[KDZ (TU3M)]	07.88- 09.98	110077	14	50	07.88- 09.98	110584	12	1.2
205 1.4		07.88- 10.90	111841	14	50	07.88- 09.98	116306	12	1.2
		07.88- 09.98	112754	14	70				Reman. Starter
		AC 07.88- 09.98	114026	14	80				
205 1.4 CJ	[KFX (TU3JP)]	07.88- 09.98	110077	14	50				
	[150D (XY7)]	03.88- 05.89	111075	14	55	03.88- 05.89	111068	12	0.85
		03.88- 05.89	111841	14	50				
205 1.4 CJ	[150G (XY7)]	10.87- 10.90	111075	14	55	10.87- 10.90	111068	12	0.85
	[K1D (TU3A)]	03.89- 12.94	110077	14	50	03.89-	110584	12	1.2
		03.89-	111841	14	50	03.89- 12.94	116306	12	1.2
205 1.4 CJ		03.89- 12.94	112754	14	70				Reman. Starter
	[KDY (TU3M)]	05.91- 12.94	110077	14	50	05.91-	110584	12	1.2
		05.91-	111841	14	50	05.91- 12.94	116306	12	1.2
205 1.4 CJ		05.91- 12.94	112754	14	70				Reman. Starter
	[KDZ (TU3M)]	05.91- 12.94	110077	14	50	05.91- 12.94	116306	12	1.2
		05.91- 12.94	112754	14	70	06.91- 12.94	110584	12	1.2
205 1.4 CT		06.91- 12.94	111841	14	50				
	[150B (XY8)]	04.86- 12.88	111075	14	55	02.83- 12.88	111068	12	0.85
205 1.6	[150H (XY8)]	02.83- 12.88	111075	14	55	02.83- 12.88	111068	12	0.85
	[B1A (XU51C)]	08.86- 10.87	111076	14	50	02.83- 10.87	110587	12	1.2
205 1.6		08.86- 10.87	112162	14	70	11.90- 09.98	111130	12	1.1
	[B1E (XU51C)]	03.87- 10.87	111076	14	50	10.87-	111130	12	1.1
		03.87- 10.87	112162	14	70	03.87- 10.87	110587	12	1.2
205 1.6	[BAZ (XU5CP)]	02.83- 10.87	111076	14	50	02.83- 09.98	110587	12	1.2
	[BDY (XU5M2Z)]	05.90- 09.98	111076	14	50	05.90- 09.98	110587	12	1.2
		05.90- 09.98	112162	14	70	05.90- 09.98	111130	12	1.1
205 1.6	[BDY (XU5M3Z)]	05.90- 09.98	111076	14	50	05.90- 09.98	110587	12	1.2
		05.90- 09.98	112162	14	70	05.90- 09.98	111130	12	1.1
	[XU51C]	10.87- 09.98	110587	12	1.2				
205 1.6 CJ	[BDY (XU5M3Z)]	08.92-	112162	14	70	08.92-	111130	12	1.1
		08.92-	110587	12	1.2				
205 1.6 CTI	[180A (XU5J)]	04.86- 10.90	111076	14	50	04.86- 10.90	110587	12	1.2
		04.86- 10.90	112162	14	70	04.86- 10.90	111130	12	1.1
	[180Z (XU5J)]	04.86- 10.90	111076	14	50	10.83- 10.87	110587	12	1.2

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205 1.6 GTi	[180A (XU5J)]	03.84- 12.89	111076	14 50	10.87- 12.89	111130	12 1.1	
		12.84- 10.87	112162	14 70	12.84- 12.89	110587	12 1.2	
	[180Z (XU5J)]	10.87- 12.89	111076	14 50				
	[XU5JA]	10.87- 12.89	111076	14 50	10.87- 12.89	110587	12 1.2	
205 1.7 Diesel	[161A (XUD7)]	03.94-	111076	14 50	03.94-	111070	12 1.7	
205 1.8 Diesel	[161A (XUD7)]	08.83- 12.89	111076	14 50	08.83- 12.89	111070	12 1.7	
	[ABB (XUD7TE)]	01.90-	111076	14 50	11.90- 09.98	111070	12 1.7	
	[A9A (XUD7)]	02.83- 07.90	111076	14 50				
205 1.9 CTi	[DFZ (XU9J1)]	10.87-	111076	14 50	10.87-	110587	12 1.2	
		10.87-	112162	14 70	10.87-	111130	12 1.1	
205 1.9 GTi	[D2A (XU92C)]	10.87- 05.89	111076	14 50	10.87- 05.89	110587	12 1.2	
		10.87- 05.89	112162	14 70				
	[D6B (XU9JA)]	10.86- 09.98	111076	14 50	11.90- 09.98	111130	12 1.1	
		10.86- 09.98	112162	14 70	10.86- 09.98	110587	12 1.2	
	[DFZ (XU9J1)]	03.87- 07.94	111076	14 50	11.90- 07.94	111130	12 1.1	
		03.87- 07.94	112162	14 70	03.87- 07.94	110587	12 1.2	
	[DKZ (XU9JAZ)]	10.87- 10.94	111076	14 50	10.87- 10.94	110587	12 1.2	
		10.87- 10.94	112162	14 70	11.90- 10.94	111130	12 1.1	
205 1.9 Diesel	[DJZ (XUD9Y)]	10.87- 09.98	111076	14 50	10.87- 09.98	111070	12 1.7	
		10.87- 09.98	112162	14 70				
206 1.1	[HFZ (TU1JP)]	03.02-	113603	14 80	07.02-	111994	12 0.7	
		07.02-	113575	14 80	07.02-	110584	12 1.2	
	PS	07.02-	113405	14 70	07.02-	116306	12 1.2	Reman. Starter
	ACPS	07.02-	112469	14 90				
206 1.1 i	[HFZ (TU1JP)]	03.00-	113503	14 120	03.00-	110584	12 1.2	
		03.00-	113603	14 80	09.98-	116306	12 1.2	Reman. Starter
		09.98-	113575	14 80	06.98-	111994	12 0.7	
	PS	03.00-	112058	14 70				
	[HFZ (TU1JP)]	06.98-	113603	14 80	06.98-	111994	12 0.7	
		09.98-	112469	14 90				
	09.98-	113575	14 80					
	PS	09.98-	113405	14 70				
	ACPS	09.98-	112469	14 90				
206 1.4	[KFV (TU3A)]	07.02-	113575	14 80	07.02-	111994	12 0.7	
		07.02-	113603	14 80	07.02-	116306	12 1.2	Reman. Starter
		03.07-	110619	14 70	07.02-	110584	12 1.2	
		03.07-	113405	14 70				
		03.07-	113503	14 120				
	PS	07.02-	113405	14 70				
	ACPS	07.02-	112469	14 90				
	[KFW (TU3JP)]	03.02-	113603	14 80	07.02-	111994	12 0.7	
		07.02-	113575	14 80	07.02-	116306	12 1.2	Reman. Starter
		03.07-	110619	14 70	07.02-	110584	12 1.2	
	03.07-	113405	14 70					
	03.07-	113503	14 120					
	PS	07.02-	113405	14 70				
	ACPS	07.02-	112469	14 90				
206 1.4 16V	[KFU (ET3J4)]	10.03-	112469	14 90	10.03-	116306	12 1.2	Reman. Starter
		10.03-	113405	14 70	10.03-	111994	12 0.7	
		10.03-	113575	14 80	10.03-	110584	12 1.2	
206 1.4 i	[KFW (TU3JP)]	03.00-	113603	14 80	09.98-	116306	12 1.2	Reman. Starter
		09.98-	113575	14 80	06.98-	111994	12 0.7	
	PS	03.00-	112058	14 70	03.00-	110584	12 1.2	
	[KFX (TU3JP)]	06.98-	113603	14 80	09.98-	116306	12 1.2	Reman. Starter
	09.98-	112469	14 90	06.98-	111994	12 0.7		
	09.98-	113575	14 80	09.98-	110584	12 1.2		
	PS	09.98-	113405	14 70				
	ACPS	09.98-	113405	14 70				
206 1.4 LPG	[KFV(TU3JP)]	05.06- 09.07	110619	14 70	05.06- 09.07	110584	12 1.2	
		05.06- 09.07	112058	14 70	05.06- 09.07	111994	12 0.7	
		05.06- 09.07	113405	14 70	05.06- 09.07	116306	12 1.2	Reman. Starter
		05.06- 09.07	113503	14 120				
		05.06- 09.07	113575	14 80				
		05.06- 09.07	113603	14 80				
206 1.4 HDi	[8HX (DV4TD)]	09.01- 03.09	113755	14 150	09.01- 03.09	113254	12 1.4	
		07.02- 02.07	113948	14 150	09.01- 03.09	113933	12 1.5	
	[8HZ (DV4TD)]	09.01- 03.09	113755	14 150	09.01- 03.09	113933	12 1.5	
				09.01- 03.09	113254	12 1.4		
206 1.4 HDi eco	[8HX (DV4TD)]	09.01-	113755	14 150	09.01-	113254	12 1.4	
		09.01-	113948	14 150	09.01-	113933	12 1.5	
	[8HZ (DV4TD)]	09.01-	113755	14 150	09.01-	113254	12 1.4	
		09.01-	113948	14 150	09.01-	113933	12 1.5	
206 1.4 HDi eco 70	[8HZ (DV4TD)]				09.08-	113254	12 1.4	
					09.08-	113933	12 1.5	
206 1.6 16V	[NFU (TU5JP4)]	03.00-	113603	14 80	09.00-	116306	12 1.2	Reman. Starter
		09.00-	112058	14 70	09.00-	111994	12 0.7	
		09.00-	112469	14 90	09.00-	110584	12 1.2	
		09.00-	113405	14 70				
		09.00-	113575	14 80				
		12.00-	112480	14 90				
	PS	07.02-	113405	14 70				
	ACPS	09.00-	112480	14 90				
	ACPS	07.02-	112469	14 90				



206 1.6 i	[NFZ (TU5JP)]	06.98-	113603	14 80	09.98- 12.00	116306	12 1.2	Reman. Starter
		09.98-	112058	14 70	06.98-	111994	12 0.7	
		09.98-	112469	14 90	06.98-	110584	12 1.2	
		09.98- 12.00	113575	14 80				
		PS 09.98-	113405	14 70				
ACPS 09.98-	112469	14 90						
206 1.6 HDi	[9HZ (DV6TED4)]	04.05-	113640	14 150	04.05-	114030	12 2.2	
					04.05-	113254	12 1.4	
					04.05-	113933	12 1.5	
206 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113503	14 120	05.04-	113933	12 1.5	
		05.04-	113640	14 150	05.04-	114030	12 2.2	
					05.04-	113254	12 1.4	
	[9HZ (DV6TED4)]	05.04-	113503	14 120	05.04-	113933	12 1.5	
		05.04-	113640	14 150	05.04-	114030	12 2.2	
					05.04-	113254	12 1.4	
206 1.9 Diesel	[WJZ (DW8)]	06.98-	113603	14 80	09.98- 11.01	114460	12 1.4	
		09.98-	112058	14 70	09.98-	111070	12 1.7	
		09.98-	112480	14 90				
		ACPS 09.98-	112480	14 90				
206 2.0 RC	[RFK (EW10J4S)]				07.03-	111730	12 1.0	
206 2.0 16V	[RFN (EW10J4)]	03.02-	113503	14 120				
206 2.0 S 16	[RFN (EW10J4)]	05.00-	112058	14 70				
		05.00-	112480	14 90				
		05.00-	113405	14 70				
	[RFR (DEW10J4)]	04.99-	112058	14 70				
	04.99-	112480	14 90					
206 2.0 HDi	[RHY (DW10TD)]	03.02-	113503	14 120	12.99-	111070	12 1.7	
		12.99-	112460	14 150	12.99-	114460	12 1.4	
		12.99-	112480	14 90				
		12.99-	113640	14 150				
207 1.4	[KFV (TU3A)]	02.06-	114707	14 80	02.06-	110584	12 1.2	
		02.06-	115474	14 80	02.06-	116306	12 1.2	Reman. Starter
	[KFV(TU3A)]	12.07-	114707	14 80	12.07-	110584	12 1.2	
	12.07-	115474	14 80	12.07-	116306	12 1.2	Reman. Starter	
207 1.4 16V	[8FR (EP3)]	10.09-	114752*	14 80	10.09-	113960	12 0.9	
	[8FS (EP3)]	06.07-	114752*	14 80	06.07-	113960	12 0.9	
		06.07-	114811	14 120 A49				
		06.07-	116311	14 120				
	[EP3]	06.07-	114752*	14 80	06.07-	113960	12 0.9	
		06.07-	114811	14 120 A49				
		06.07-	116311	14 120				
	[EP3C]	06.07-	114752*	14 80	06.07-	113960	12 0.9	
		06.07-	114811	14 120 A49				
		06.07-	116311	14 120				
[KFU (ET3J4)]	02.06-	113246	14 90	02.06-	116306	12 1.2	Reman. Starter	
				02.06-	110584	12 1.2		
207 1.4 Bioflex	[KFW (TU3A)]				01.09-	110584	12 1.2	
					01.09-	116306	12 1.2	Reman. Starter
	[KFW (TU3JP)]				01.09-	110584	12 1.2	
				01.09-	116306	12 1.2	Reman. Starter	
207 1.4 HDi	[8HR (DV4C)]	02.06-	113640	14 150	02.06-	111848	12 1.0	
		02.06-	113946	14 90	02.06-	113254	12 1.4	
		02.06-	115369	14 150	02.06-	113933	12 1.5	
	[8HZ (DV4TD)]	02.06-	113640	14 150	02.06-	111848	12 1.0	
		02.06-	113946	14 90	02.06-	113254	12 1.4	
		02.06-	115369	14 150	02.06-	113933	12 1.5	
207 1.6 16V Turbo	[5FR (EP6DT)]	10.09-	114752*	14 80	10.09-	113960	12 0.9	
		10.09-	114771*	14 150				
		10.09-	114811	14 120 A49				
		10.09-	115604	14 150 A49				
		10.09-	116311	14 120				
		10.09-	116353*	14 150				
207 1.6 16V	[5FS (EP6C)]	02.07-	114752*	14 80	02.07-	113960	12 0.9	
		02.07-	114811	14 120 A49				
		02.07-	116311	14 120				
	[EP6]	02.07-	114752*	14 80	02.07-	113960	12 0.9	
		02.07-	114811	14 120 A49				
		02.07-	116311	14 120				
[NFU (TU5JP4)]	02.06-	113246	14 90	02.06-	110584	12 1.2		
				02.06-	116306	12 1.2	Reman. Starter	
207 1.6 16V RC	[5FY (EP6DTS)]				02.07-	113960	12 0.9	
207 1.6 Turbo 16V	[5FX (EP6DT)]				02.06-	113960	12 0.9	
207 1.6 VTi 16V	[5FS (EP6C)]	02.07-	114752*	14 80	02.07-	113960	12 0.9	
		02.07-	114811	14 120 A49				
		02.07-	116311	14 120				
	[EP6]	02.07-	114752*	14 80	02.07-	113960	12 0.9	
		02.07-	114811	14 120 A49				
	02.07-	116311	14 120					
207 1.6 Bioflex	[N6A (TU5JP4)]	01.08-	112469	14 90	01.08-	116306	12 1.2	Reman. Starter
					01.08-	110584	12 1.2	
207 1.6 HDi	[9HP (DV6ATED)]	11.09-	115634		11.09-	114030	12 2.2	
					11.09-	113254	12 1.4	
					11.09-	113933	12 1.5	
	[9HR (DV6C)]	08.09-	113640	14 150	08.09-	113933	12 1.5	
		08.09-	115369	14 150	08.09-	114030	12 2.2	
	[9HV (DV6ATED4)]	02.06-	113640	14 150	02.06-	114030	12 2.2	
					02.06-	113254	12 1.4	
				02.06-	113933	12 1.5		

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	[9HV (DV6TED4)]	02.06-	113640	14	150		02.06-	114030	12	2.2	
							02.06-	113254	12	1.4	
							02.06-	113933	12	1.5	
	[9HX (DV6ATED4)]	02.06-	113640	14	150		02.06-	114030	12	2.2	
							02.06-	113254	12	1.4	
							02.06-	113933	12	1.5	
	[9HY (DV6TED4)]						02.06-	113254	12	1.4	
							02.06-	113933	12	1.5	
							02.06-	114030	12	2.2	
	[9HZ (DV6TED4)]	02.06-	113640	14	150		02.06-	114030	12	2.2	
							02.06-	111848	12	1.0	
							02.06-	113254	12	1.4	
							02.06-	113933	12	1.5	
208 1.0	[ZMZ (EB0)]	03.12-	115546	14	80 A49		03.12-	113960	12	0.9	
		03.12-	116357*	14	80		03.12-	116092	12	1.0	
208 1.2	[HMP (EB2FB)]	08.16-	115546	14	80		08.16-	116092	12	1.0	
		08.16-	116357*	14	80						
	[HMZ (EB2F)]	03.12-	115546	14	80 A49		03.12-	113960	12	0.9	
		03.12-	116357*	14	80		03.12-	116092	12	1.0	
208 1.2 PureTech 82							03.18-	116092	12	1.0	
							03.18-	113960	12	0.9	
208 1.2 GPL	[HMZ (EB2F)]	06.15-	115546	14	80 A49		06.15-	116092	12	1.0	
		06.15-	116357*	14	80						
208 1.2 THP	[HNZ (EB2DT)]						A25 01.13-	116281*	12	1.8	
							01.13-	113960	12	0.9	
208 1.4	[8FS (EP3)]	03.12-	114811	14	120 A49		03.12-	113960	12	0.9	
		03.12-	116311	14	120						
	[EP3C]	03.12-	114811	14	120 A49		03.12-	113960	12	0.9	
		03.12-	116311	14	120						
208 1.4 GPL		10.13-	114752*	14	80		10.13-	113960	12	0.9	
208 1.4 HDi	[8HP(DV4C)]						03.12-	113254	12	1.4	
							03.12-	113933	12	1.5	
	[8HR (DV4C)]						10.12-	113254	12	1.4	
							10.12-	113933	12	1.5	
	[8HR(DV4C)]						03.12-	113254	12	1.4	
							03.12-	113933	12	1.5	
208 1.6	[5FS (EP6C)]	03.12-	114811	14	120 A49		03.12-	113960	12	0.9	
		03.12-	116311	14	120						
	[5FV (EP6CDT)]	03.12-	114768	14	120		03.12-	113960	12	0.9	
		03.12-	114768	14	120		03.12-	113960	12	0.9	
208 1.6 GTi	[5FU (EP6CDTX)]	08.12-	114752*	14	80		08.12-	113960	12	0.9	
		08.12-	114811	14	120 A49						
		08.12-	116311	14	120						
		10.14-	114752*	14	80		10.14-	116281*	12	1.8	
208 1.6 THP 165							03.15-	116281*	12	1.8	
208 1.6 BlueHDI 100	[BHY (DV6FD)]						01.15-	113254	12	1.4	
							01.15-	114030	12	2.2	
208 1.6 BlueHDI 75	[9HK (DV6ETEDM), BHW (DV6FE)]						01.13-	113254	12	1.4	
							01.13-	114030	12	2.2	
208 1.6 HDi	[9HD (DV6CTED)]						03.12-	113933	12	1.5	
							03.12-	114030	12	2.2	
	[9HP (DV6DTED)]						03.12-	113254	12	1.4	
							03.12-	113933	12	1.5	
							03.14-	114030	12	2.2	
301 1.2 VTI 72	[HMY (EB2M)]	11.12-	115546	14	80 A49		11.12-	116092	12	1.0	
		11.12-	116357*	14	80						
301 1.2 VTI 82	[HMZ (EB2F)]	12.14-	115546	14	80		12.14-	116092	12	1.0	
		12.14-	116357*	14	80						
301 1.5 Diesel							05.18-	114030	12	2.2	
							05.18-	113254	12	1.4	
301 1.6 VTI 115	[NFP(EC5)]	11.12-	113246	14	90		11.12-	110581	24	4.5	
301 1.6 BlueHDI 100							04.14-	114030	12	2.2	
							04.14-	113254	12	1.4	
301 1.6 HDi 92	[9HF (DV6DTED)]						11.12-	113254	12	1.4	
							11.12-	114030	12	2.2	
305 1.6	[171 (XU5S)]	10.82- 06.88	111076	14	50		10.82- 06.88	111130	12	1.1	
							10.82- 06.88	110587	12	1.2	
	[B1A (XU51C)]	10.82- 12.88	111076	14	50		10.82- 12.88	111130	12	1.1	
							10.82- 12.88	110587	12	1.2	
	[BAZ (XU5CP)]	11.86- 12.88	111076	14	50		11.86- 12.88	111130	12	1.1	
							11.86- 12.88	110587	12	1.2	
		11.82- 12.88	111076	14	50		11.82- 12.88	110587	12	1.2	
305 1.9	[159 (XU9S)]	10.82- 10.87	111076	14	50		10.82- 10.87	110587	12	1.2	
		10.82- 12.88	112162	14	70		10.82- 10.87	111130	12	1.1	
	[DFZ (XU9J1)]	11.86- 12.88	111076	14	50		11.86- 12.88	110587	12	1.2	
		11.86- 12.88	112162	14	70		11.86- 12.88	111130	12	1.1	
305 1.9 Diesel	[162 (XUD9)]	10.82- 12.88	111076	14	50		10.82- 12.88	111070	12	1.7	
		10.82- 12.88	112162	14	70						
	[D9A (XUD9)]	10.82- 12.88	111076	14	50		10.82- 12.88	111070	12	1.7	
		10.82- 12.88	112162	14	70						
		11.82- 12.88	111076	14	50		11.82- 12.88	111070	12	1.7	
306 1.1	[HDZ (TU1M)]	01.93-	112782	14	80		05.93- 05.01	116306	12	1.2	Reman. Starter
		05.93- 05.01	110619	14	70		01.93-	110584	12	1.2	
306 1.4	[KDX (TU3MC)]	05.93- 05.01	110619	14	70		01.93-	110584	12	1.2	
		AC 01.93-	112782	14	80		05.93- 05.01	116306	12	1.2	Reman. Starter
	[KFW (TU3JP)]	10.00- 10.03	112782	14	80		05.93- 05.01	116306	12	1.2	Reman. Starter
							10.00- 10.03	110584	12	1.2	
	[KFX (TU3JP)]	05.93- 05.01	110619	14	70		09.96-	110584	12	1.2	
		09.96-	112782	14	80		05.93- 05.01	116306	12	1.2	Reman. Starter
306 1.4 SL	[KDX (TU3MC)]	06.94- 05.01	110619	14	70		02.93-	110584	12	1.2	
		ACPS 02.93-	112782	14	80		06.94- 05.01	116306	12	1.2	Reman. Starter



	[KFW (TU3JP)]	10.00- 10.03	112782	14 80		06.94- 05.01	116306	12 1.2	Reman. Starter
		06.94- 05.01	110619	14 70		10.00- 10.03	110584	12 1.2	
	[KFX (TU3JP)]	06.94- 05.01	110619	14 70		09.96-	110584	12 1.2	Reman. Starter
		ACPS 09.96-	112782	14 80		06.94- 05.01	116306	12 1.2	Reman. Starter
306 1.4 i	[KFW (TU3JP)]	10.00- 10.03	112782	14 80		03.97-	116306	12 1.2	Reman. Starter
		03.97- 04.02	110619	14 70		03.97-	110584	12 1.2	Reman. Starter
	[KFX (TU3JP)]	03.97- 04.02	110619	14 70		03.97-	110584	12 1.2	Reman. Starter
		03.97-	111723	14 70		03.97- 04.02	116306	12 1.2	Reman. Starter
306 1.6	[NFT (TU5JP/L4)]	10.00- 04.02	110619	14 70		10.00- 04.02	116306	12 1.2	Reman. Starter
		10.00-	112782	14 80		10.00-	110584	12 1.2	Reman. Starter
		PS 10.00-	111723	14 70					
	[NFZ (TU5JP)]	05.93- 10.00	110619	14 70		01.93-	110584	12 1.2	Reman. Starter
		03.97-	111723	14 70		05.93- 10.00	116306	12 1.2	Reman. Starter
		ACPS 01.93-	112782	14 80					
306 1.6 SR	[NFZ (TU5JP)]	06.94- 10.00	110619	14 70		06.94-	110584	12 1.2	Reman. Starter
		ACPS 06.94-	112782	14 80		06.94- 10.00	116306	12 1.2	Reman. Starter
306 1.8	[LFZ (XU7JP)]	01.93-	112299	14 95		01.93-	113443	12 1.4	
		03.94-	112298	14 80		01.93-	111130	12 1.1	
		AC 03.97-	112298	14 80		03.93-	111070	12 1.7	
306 1.8 ST	[LFZ (XU7JP)]	06.94-	112299	14 95		06.94-	113443	12 1.4	
						06.94-	111130	12 1.1	
306 1.8 16V	[LFY (XU7JP4)]	03.97-	111318	14 80		03.97-	113443	12 1.4	
		03.97-	113604	14 95		03.97-	111130	12 1.1	
		AC 03.97-	111318	14 80					
306 1.8 Diesel	[A9A (XUD7)]	05.93- 02.02	112230	14 80		04.97- 10.03	111070	12 1.7	
		05.93- 02.02	112292	14 70		05.93- 05.01	114460	12 1.4	
		ACPS 06.95- 02.02	113485	14 80					
306 1.9 Diesel	[DHW (XUD9BSD)]	03.98-	112292	14 70		03.98- 05.01	114460	12 1.4	
		03.98-	112298	14 80		05.97- 10.03	111070	12 1.7	
		PS 03.98-	111893	14 70					
		PS 03.98-	112688	14 95					
		PS 03.98-	113485	14 80					
	[DJY (XUD9A)]	06.94- 04.97	112230	14 80		06.94-	111070	12 1.7	
		06.94- 04.97	112292	14 70		03.97- 04.02	114460	12 1.4	
		07.95- 04.97	112688	14 95					
		03.97-	112298	14 80					
		PS 03.97-	111893	14 70					
		PS 03.97-	112688	14 95					
		PS 03.97-	113485	14 80					
		ACPS 06.94- 06.95	112230	14 80					
		ACPS 07.95- 04.97	113485	14 80					
	[DJZ (XUD9Y)]	05.93- 06.94	112230	14 80		05.93- 06.94	111070	12 1.7	
		05.93- 09.94	112292	14 70					
		ACPS 05.93- 06.94	112230	14 80					
	[WJY (DW8B)]	02.99- 10.03	112058	14 70		09.98- 05.01	114460	12 1.4	
		02.99- 08.01	112480	14 90		02.99- 10.03	111070	12 1.7	
		02.99- 10.03	113603	14 80					
	[WJZ (DW8)]	09.98- 10.03	112058	14 70		09.98- 04.02	114460	12 1.4	
		09.98-	112292	14 70		09.98- 10.03	111070	12 1.7	
		09.98-	112298	14 80					
		09.98- 10.03	113603	14 80					
		PS 09.98-	111893	14 70					
		PS 09.98-	112688	14 95					
		PS 09.98-	113485	14 80					
	[XUD9TE]	02.94- 04.99	112230	14 80		02.94- 04.99	111070	12 1.7	
		02.94- 04.99	113485	14 80					
306 1.9 Diesel SLD	[DJY (XUD9A)]	06.94- 04.97	112230	14 80		06.94-	111070	12 1.7	
		06.94- 04.97	112292	14 70		06.94- 05.01	114460	12 1.4	
		07.95- 04.97	112688	14 95					
		ACPS 06.94- 06.95	112230	14 80					
		ACPS 07.95- 04.97	113485	14 80					
	[DJZ (XUD9Y)]	05.93- 06.94	112230	14 80		06.94- 05.01	114460	12 1.4	
		05.93- 06.94	112292	14 70		06.94-	111070	12 1.7	
		ACPS 05.93- 06.94	112230	14 80					
306 1.9 Diesel SRDT	[DHY (XUD9TE)]	05.93- 04.97	112230	14 80		06.94-	111070	12 1.7	
		05.93- 04.97	112292	14 70					
		07.95- 04.97	112688	14 95					
		ACPS 05.93- 06.95	112230	14 80					
		ACPS 07.95- 04.97	113485	14 80					
306 1.9 STD	[XUD9]	02.94- 10.95	112230	14 80		02.94- 10.95	111070	12 1.7	
		02.94- 10.95	112688	14 95					
		02.94- 10.95	113485	14 80					
306 1.9 TD	[DHY (XUD9TE)]	05.93- 04.97	112230	14 80		05.93- 04.97	111070	12 1.7	
		05.93- 04.97	112292	14 70					
		05.93- 04.97	112688	14 95					
		02.97-	112298	14 80					
		02.97-	113485	14 80					
		PS 02.97-	111893	14 70					
		ACPS 05.93- 04.97	112230	14 80					
		ACPS 05.93- 04.97	113485	14 80					
306 2.0	[RFV (XU10J4R)]	03.97-	111318	14 80		03.97-	111130	12 1.1	
		03.97-	113604	14 95					
	[RFX (XU10J2)]	01.94- 06.97	112298	14 80		01.94- 06.97	111130	12 1.1	
		01.94- 06.97	112299	14 95		01.94- 06.97	113443	12 1.4	
		03.94-	113604	14 95					
		07.96-	111318	14 80					
		PS 01.94- 06.97	111318	14 80					

STARTERS & ALTERNATORS



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306 2.0 ST	[RFX (XU10J2)]	07.94- 06.96	112298	14 80	07.94-	111130	12 1.1	
		07.94- 06.96	112299	14 95	07.94-	113443	12 1.4	
		07.94-	113604	14 95				
		07.96-	111318	14 80				
306 2.0 16V	[RFV (XU10J4R)]	03.97-	111318	14 80	03.97-	111130	12 1.1	
		03.97-	113604	14 95				
306 2.0 i 16V	[RFS (XU10J4RS)]	03.96-	111318	14 80				
		03.96-	113604	14 95				
	[RFT (XU10J4)]	06.94- 06.96	112298	14 80				
		06.94- 06.96	112299	14 95				
306 2.0 i XS	[RFX (XU10J2)]	05.93- 06.96	112298	14 80	05.93-	111130	12 1.1	
		05.93- 06.96	112299	14 95	05.93-	113443	12 1.4	
		05.93-	113604	14 95				
		07.96-	111318	14 80				
306 2.0 S 16	[RFT (XU10J4)]	06.94- 06.96	112298	14 80				
		06.94- 06.96	112299	14 95				
		06.94-	113604	14 95				
		07.96-	111318	14 80				
	[RFY (XU10J4Z)]	05.93-	113604	14 95				
		06.94- 06.96	112298	14 80				
306 2.0 HDi	[RHY (DW10TD)]	06.99-	112460	14 150	06.99-	111070	12 1.7	
		06.99-	112480	14 90				
307 1.4	[KFW (TU3JP)]	08.00-	113246	14 90	08.00-	111994	12 0.7	
					08.00-	110584	12 1.2	
					08.00-	116306	12 1.2	Reman. Starter
307 1.4 16V	[KFU (ET3J4)]	11.03-	113246	14 90	11.03-	111994	12 0.7	
		11.03-	113405	14 70	11.03-	116306	12 1.2	Reman. Starter
307 1.4 HDi	[8HX (DV4TD)]	10.01-	113755	14 150	10.01-	113254	12 1.4	
	[8HZ (DV4TD)]	10.01-	113755	14 150	10.01-	113254	12 1.4	
307 1.6 16V	[NFU (TU5JP4)]	03.02-	113246	14 90	03.02-	116306	12 1.2	Reman. Starter
					03.02-	110584	12 1.2	
				03.02-	111994	12 0.7		
	[NFU(TU5JP4)]	08.00-	113246	14 90	08.00-	116306	12 1.2	Reman. Starter
				08.00-	110584	12 1.2		
				08.00-	111994	12 0.7		
307 1.6 HDi	[9HV (DV6ATED4)]	01.06-	113640	14 150	05.05-	114030	12 2.2	
307 1.6 HDi FAP	[9HY (DV6TED4)]	02.04-	112461	14 150	02.04-	113933	12 1.5	
		02.04-	113640	14 150	02.04-	114030	12 2.2	
				02.04-	113254	12 1.4		
	[9HZ (DV6TED4)]	02.04-	112461	14 150	02.04-	113933	12 1.5	
		02.04-	113640	14 150	02.04-	114030	12 2.2	
				02.04-	113254	12 1.4		
307 2.0	[RFN (EW10J4)]	03.02-	112469	14 90				
307 2.0 16V	[RFJ (EW10A)]	03.05-	113575	14 80	06.05-	111070	12 1.7	
		03.05-	115371	14 120	03.05-	114460	12 1.4	
		03.05-	115541	14 150				
	[RFK (EW10J4S)]	10.03-	112469	14 90				
		06.05-	113755	14 150				
	[RFN (EW10J4)]	08.00-	112469	14 90				
307 2.0 HDi	[RHS (DW10ATED4)]	08.00-	112461	14 150	08.00-	111070	12 1.7	
		08.00-	113640	14 150	08.00-	114460	12 1.4	
		03.02-	112460	14 150				
		03.02-	112480	14 90				
		03.02-	113503	14 120				
	[RHY (DW10TD)]	08.00-	112461	14 150	08.00-	111070	12 1.7	
		08.00-	112480	14 90	03.02-	114460	12 1.4	
		08.00-	113640	14 150				
03.02-		112460	14 150					
	03.02-	113503	14 120					
	AC 08.00-	112460	14 150					
307 2.0 HDi FAP	[RHR (DW10BTED4)]	02.04-	113640	14 150	10.03-	113926	12 1.9	
		Chas. 09520- 10.03-	113640	14 150	10.03-	114460	12 1.4	
		Chas. -09519 10.03-	112461	14 150	10.03-	111070	12 1.7	
	[RHS (DW10ATED4)]	Chas. 9520- 03.02-	113640	14 150	03.02-	114460	12 1.4	
		Chas. -9519 03.02-	112461	14 150	03.02-	111070	12 1.7	
308 1.2 THP 110	[HNZ (EB2DT)]				11.13-	116281*	12 1.8	
308 1.2 THP 130	[HNY (EB2DTS)]				11.13-	116281*	12 1.8	
308 1.2 VTi 72	[HMZ (EB2F)]				09.13-	113960	12 0.9	
308 1.4 16V	[8FR (EP3C)]	12.09-	114771*	14 150	12.09-	113960	12 0.9	
		12.09-	114811	14 120 A49				
		12.09-	115604	14 150 A49				
		12.09-	116311	14 120				
		12.09-	116353*	14 150				
	[8FS (EP3)]	09.07-	114752*	14 80	09.07-	113960	12 0.9	
		09.07-	114771*	14 150				
		09.07-	114811	14 120 A49				
		09.07-	115604	14 150 A49				
		09.07-	116311	14 120				
		09.07-	116353*	14 150				
	[EP3]	09.07-	114752*	14 80	09.07-	113960	12 0.9	
		09.07-	114771*	14 150				
09.07-		114811	14 120 A49					
09.07-		115604	14 150 A49					
09.07-		116311	14 120					
	09.07-	116353*	14 150					
308 1.5 BlueHDI 100	[YHY (DV5RD)]				05.18-	113254	12 1.4	
					05.18-	114030	12 2.2	



308 1.6	[5FV (EP6DT)]	09.13-	114811	14 120 A49	09.13-	113960	12 0.9	
		09.13-	116311	14 120				
		09.13-	116311	14 120	09.13-	113960	12 0.9	
		09.13-	114811	14 120 A49				
308 1.6 GT 205				06.14-	116281*	12 1.8		
308 1.6 PureTech 225				01.18-	116281*	12 1.8		
308 1.6 16V	[5FT (EP6DT)]				09.07-	113960	12 0.9	
	[5FX (EP6DT)]				09.07-	113960	12 0.9	
	[5FY (EP6DTS)]				03.08-	113960	12 0.9	
	[EP6]	09.07-	114752*	14 80	09.07-	113960	12 0.9	
		09.07-	114771*	14 150				
		09.07-	114811	14 120 A49				
		09.07-	115604	14 150 A49				
		09.07-	116311	14 120				
		09.07-	116353*	14 150				
	[EP6CDT]	10.09-	114771*	14 150	10.09-	113960	12 0.9	
		10.09-	114811	14 120 A49				
	10.09-	115604	14 150 A49					
	10.09-	116311	14 120					
	10.09-	116353*	14 150					
308 1.6 16V CC	[5FX (EP6DT)]				06.09-	113960	12 0.9	
308 1.6 GTI	[EP6CDTX]	07.10-	114811	14 120 A49	07.10-	113960	12 0.9	
		07.10-	115604	14 150 A49				
		07.10-	116311	14 120				
		07.10-	116353*	14 150				
308 1.6 GTI GTI	[5GN (EP6FDR)]				A25 06.15-	116281*	12 1.8	
					A25 08.15-	116281*	12 1.8	
308 1.6 Bioflex	[NFU (TU5JP4)]				04.08-	110584	12 1.2	
					04.08-	116306	12 1.2	Reman. Starter
308 1.6 HDi	[9HC (DV6C)]				09.13-	113254	12 1.4	
					09.13-	113933	12 1.5	
					09.13-	114030	12 2.2	
					11.09-	113254	12 1.4	
	[9HP (DV6DTED)]				11.09-	113933	12 1.5	
					12.09-	113933	12 1.5	
	[9HR (DV6C)]				12.09-	114030	12 2.2	
	[9HV (DV6ATED4)]	09.07-	113640	14 150	09.07-	113933	12 1.5	
					09.07-	114030	12 2.2	
	[9HX (DV6ATED4)]	09.07-	113640	14 150	09.07-	113933	12 1.5	
					09.07-	114030	12 2.2	
	[9HZ (DV6ATED4)]	09.07-	113640	14 150	09.07-	113254	12 1.4	
	[BHZ (DV6FC)]				09.13-	113254	12 1.4	
					09.13-	113933	12 1.5	
				09.13-	114030	12 2.2		
[DV6TED4]	09.07-	113640	14 150	09.07-	114030	12 2.2		
				09.07-	113933	12 1.5		
				03.13-	114030	12 2.2		
				03.13-	113933	12 1.5		
308 2.0 Bioflex	[RFJ (EW10A)]	01.08- 01.12	115371	14 120				
		01.08- 01.12	115541	14 150				
308 2.0 BlueHDi 180	[EHZ (DW10FC)]				06.17-	114854	12 2.5	
308 2.0 BlueHDi GT 180	[EHZ (DW10FC)]				06.17-	114854	12 2.5	
308 2.0 Diesel CC	[RHF (DW10BTED4)]				04.09-	114854	12 2.5	
308 2.0 HDi	[AHX (DW10FD)]				11.13-	111070	12 1.7	
					11.13-	113926	12 1.9	
					11.13-	114460	12 1.4	
	[RHH (DW10CTED4)]				04.12-	113926	12 1.9	
					04.12-	114460	12 1.4	
					04.12-	114854	12 2.5	
[RHR (DW10BTED4)]	09.07-	113640	14 150	09.07-	114854	12 2.5		
				07.10-	113933	12 1.5		
308 2.0 HDi 180	[AHW (DW10FC)]				06.14-	111070	12 1.7	
					06.14-	114854	12 2.5	
309 1.1	[HDZ (TU1M)]				08.90- 12.93	110584	12 1.2	
					08.90- 12.93	116306	12 1.2	Reman. Starter
309 1.4	[K1D (TU3A)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	111841	14 50	03.89- 12.93	116306	12 1.2	Reman. Starter
		03.89- 12.93	112754	14 70				
	[K2B (TU3S)]	03.89- 07.89	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	111841	14 50	03.89- 07.89	116306	12 1.2	Reman. Starter
		03.89- 07.89	112754	14 70				
	[KDY (TU3M)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	112754	14 70	03.89- 12.93	116306	12 1.2	Reman. Starter
	[KDZ (TU3M)]	03.89- 12.93	110077	14 50	03.89- 12.93	110584	12 1.2	
		03.89- 12.93	111841	14 50	03.89- 12.93	116306	12 1.2	Reman. Starter
	03.89- 12.93	112754	14 70					
309 1.6	[180Z (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12 1.2	
	[B1A (XU51C)]	10.85- 07.89	111076	14 50	10.85- 07.89	110587	12 1.2	
		10.85- 12.93	112162	14 70				
	[B1E (XU51C)]	08.87- 07.89	111076	14 50	08.87- 07.89	110587	12 1.2	
		08.87- 07.89	112162	14 70				
	[B2A (XU52C/K)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2	
		07.89- 12.93	112162	14 70				
	[B6B (XU5J)]	11.85- 09.88	111076	14 50	11.85- 09.88	110587	12 1.2	
		11.85- 09.88	112162	14 70				
	[BDY (XU5M2Z)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2	
	[BDY (XU5M3Z)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2	
[BDZ (XU5M)]	07.89- 12.93	111076	14 50	07.89- 12.93	110587	12 1.2		
	07.89- 12.93	112162	14 70					
	10.85- 04.89	111076	14 50	10.85- 12.90	110587	12 1.2		



Application list

PEUGEOT *Continued*

309 1.8 Diesel	[161A (XUD7)]	07.89- 12.93	111076	14 50	07.89- 12.93	111070	12 1.7	
		07.89- 12.93	112162	14 70				
309 1.8 TD	[ABB (XUD7TE)]	08.89- 12.93	111076	14 50	08.89- 12.93	111070	12 1.7	
		08.89- 12.93	112162	14 70				
309 1.9	[D2B (XU9S)]	10.85- 07.89	111076	14 50	10.85- 07.89	110587	12 1.2	
		10.85- 07.89	112162	14 70	10.85- 07.89	111130	12 1.1	
	[D6B (XU9JA)]	10.86- 07.89	111076	14 50	10.86- 07.89	110587	12 1.2	
		10.86- 07.89	112162	14 70				
	[DDZ (XU9M)]	07.88- 12.93	111076	14 50	07.88- 12.93	110587	12 1.2	
		07.88- 12.93	112162	14 70				
[DFZ (XU9J1)]	03.86- 12.93	111076	14 50	03.86- 12.93	110587	12 1.2		
	03.86- 12.93	112162	14 70					
309 1.9 GTi 16V	[DFW (XU9J4Z)]	10.90- 12.93	112162	14 70	10.90- 12.93	110587	12 1.2	
309 1.9 GTi	[D6C (XUD9J4)]	08.89- 12.93	112162	14 70	08.89- 07.90	110587	12 1.2	
		07.88- 12.93	112162	14 70	07.88- 12.93	110587	12 1.2	
309 1.9 Diesel	[162 (XUD9)]	06.86- 12.93	111076	14 50	06.86- 12.93	111070	12 1.7	
		06.86- 12.93	111076	14 50	06.86- 12.93	111070	12 1.7	
	[D9A (XUD9)]	06.86- 12.93	111076	14 50	06.86- 12.93	111070	12 1.7	
		06.86- 12.93	112162	14 70				
[DJZ (XUD9Y)]	07.89- 12.93	111076	14 50	07.89- 12.93	111070	12 1.7		
404 1.6	[XC6]				04.63-	110793	12 0.9	
					04.63- 12.71	111066	12 1.05	
404 1.6 GT	[XC6]				07.71-	110793	12 0.9	
					07.71- 12.71	111066	12 1.05	
405 1.4	[K5A (TU3)]	01.87- 07.92	110077	14 50	01.87- 07.92	110584	12 1.2	
		01.87- 07.92	111841	14 50	01.87- 07.92	116306	12 1.2	Reman. Starter
	[KDX (TU3MC)]	01.87- 07.92	112754	14 70				
		08.92- 10.96	110619	14 70	08.92- 10.96	116306	12 1.2	Reman. Starter
405 1.6	[B1E (XU51C)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2	
		07.87- 12.92	112162	14 70	07.87- 12.92	111130	12 1.1	
	[BAZ (XU5CP)]	07.87- 08.92	111076	14 50	07.87- 08.92	110587	12 1.2	
		07.87- 08.92	112162	14 70	07.87- 08.92	111130	12 1.1	
	[BDY (XU5M2Z)]	07.87- 12.92	111076	14 50	08.92- 04.97	113443	12 1.4	
		08.92- 04.97	112772	14 120	07.87- 04.97	111130	12 1.1	
	AC	08.92- 04.97	112299	14 95				
	[BDY (XU5M3Z)]	10.88- 08.92	111076	14 50	08.92- 04.97	113443	12 1.4	
		08.92- 04.97	112772	14 120	10.88- 04.97	111130	12 1.1	
	AC	08.92- 04.97	112299	14 95				
	[BDZ (XU5M)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2	
		07.87- 12.92	112162	14 70	07.87- 09.09	111130	12 1.1	
	[BFZ (XU5JP)]	08.92- 05.97	112298	14 80	09.94- 04.97	113443	12 1.4	
		08.92- 05.97	112299	14 95	08.92- 05.97	111130	12 1.1	
09.94- 04.97		112772	14 120					
AC		09.94- 04.97	112299	14 95				
[XU52C]		01.87- 12.92	111076	14 50	01.87- 12.92	110587	12 1.2	
		01.87- 12.92	112162	14 70	01.87- 12.92	111130	12 1.1	
[XU5J]		10.88- 08.92	111076	14 50	10.88- 08.92	110587	12 1.2	
		10.88- 08.92	112162	14 70	10.88- 08.92	111130	12 1.1	
					10.88- 08.92	111130	12 1.1	
					10.88- 08.92	111130	12 1.1	
405 1.6 SRI 4x4		04.88- 07.92	112162	14 70	04.88- 07.92	110587	12 1.2	
		04.88- 07.92	111076	14 50				
405 1.8	[LFZ (XU7JP)]	08.92-	112298	14 80	08.92- 04.97	113443	12 1.4	
		08.92-	112299	14 95	08.92- 04.97	111130	12 1.1	
	AC	08.92- 04.97	112298	14 80				
	AC	08.92- 04.97	112299	14 95				
405 1.8 TD	[ABA (XUD7TE)]	03.88- 12.92	111076	14 50	03.88- 12.92	111070	12 1.7	
		03.88- 12.92	112162	14 70				
	[AJZ (XUD7TEY)]	03.88- 12.92	111076	14 50	03.88- 12.92	111070	12 1.7	
		10.90- 08.92	112162	14 70				
405 1.9	[D2C (XU92C)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2	
		07.87- 12.92	112162	14 70				
	[D6A (XU9J2)]	07.87- 12.92	111076	14 50	07.87- 12.92	111130	12 1.1	
		07.87- 12.92	112162	14 70	07.87- 12.92	110587	12 1.2	
	[DDZ (XU9M)]	07.88- 12.92	111076	14 50	07.88- 12.92	110587	12 1.2	
		07.88- 12.92	112162	14 70				
	[DFZ (XU9J1)]	10.88- 08.92	111076	14 50	10.88- 08.92	110587	12 1.2	
		10.88- 08.92	112162	14 70				
	[DKZ (XU9JAZ)]	07.88- 12.92	111076	14 50	07.88- 12.92	110587	12 1.2	
		07.88- 12.92	112162	14 70				
		10.88- 08.92	112162	14 70	10.88- 08.92	111130	12 1.1	
		10.88- 08.92	111076	14 50	10.88- 08.92	110587	12 1.2	
405 1.9 4x4	[DDZ (XU9M)]	07.88- 12.92	111076	14 50	07.88- 12.92	110587	12 1.2	
		07.88- 12.92	112162	14 70				
405 1.9 Sport MI 16	[D6C (XU9J4)]	07.87- 11.91	111076	14 50	07.87- 11.91	110587	12 1.2	
		07.87- 12.92	112162	14 70				
[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50	04.88- 12.92	110587	12 1.2		
	04.88- 12.92	112162	14 70					
405 1.9 Sport MI 16 4X4	[DFW (XU9J4Z)]	04.88- 12.92	111076	14 50	04.88- 12.92	110587	12 1.2	
		04.88- 12.92	112162	14 70				
405 1.9 i	[DFZ (XU9J1)]	07.87- 12.92	111076	14 50	07.87- 12.92	110587	12 1.2	
		07.87- 12.92	112162	14 70				
405 1.9 Diesel	[D9B (XUD9A)]	03.88- 12.92	112162	14 70	03.88- 12.92	111070	12 1.7	
		10.88- 08.92	111076	14 50	06.94- 10.96	114460	12 1.4	
	06.94-	112230	14 80	10.88- 04.97	111070	12 1.7		
	06.94-	112292	14 70					
	06.94- 10.95	114026	14 80					
	[DJZ (XUD9Y)]	07.88- 09.92	112162	14 70	07.88- 06.94	111070	12 1.7	
08.92- 06.94		112230	14 80	08.92- 10.96	114460	12 1.4		
08.92- 06.94		112292	14 70					
08.92- 10.95		114026	14 80					
[XUD9]		09.93- 12.95	114026	14 80	09.93- 12.95	114460	12 1.4	
					01.93-	111070	12 1.7	
405 1.9 TD	[DHY (XUD9TE)]	08.92- 04.97	112230	14 80	08.92- 04.97	111070	12 1.7	
		08.92- 04.97	112292	14 70	08.92- 10.96	114460	12 1.4	
		08.92- 10.96	114026	14 80				



405 2.0	[RFX (XU10J2)]	08.92-	112299	14 95	08.92- 04.97	111130	12 1.1
		AC 08.92- 04.97	112299	14 95	08.92- 04.97	113443	12 1.4
		AC 08.92- 04.97	112772	14 120			
405 2.0 4x4	[RFX (XU10J2)]	08.92-	112299	14 95	08.92- 04.97	111130	12 1.1
		AC 08.92- 04.97	112299	14 95	08.92- 04.97	113443	12 1.4
		AC 08.92- 04.97	112772	14 120			
405 2.0 MI 16	[RFY (XU10J4Z)]	08.92-	112299	14 95			
		AC 08.92- 04.97	112299	14 95			
		AC 08.92- 04.97	112772	14 120			
405 2.0 16V	[RFT (XU10J4)]	06.94-	112299	14 95			
		AC 06.94-	112299	14 95			
		AC 06.94-	112772	14 120			
405 2.0 Turbo 16 4x4	[RGZ (XU10J4TE/Z)]	08.92-	112299	14 95			
		AC 08.92- 04.97	112299	14 95			
		AC 08.92- 04.97	112772	14 120			
406 1.6	[BFZ (XU5JP)]	11.95-	112298	14 80	11.95-	111130	12 1.1
		11.95-	112299	14 95	11.95-	113443	12 1.4
		AC 11.95-	112298	14 80			
		AC 11.95-	112299	14 95			
406 1.8	[LFX (XU7JB)]	05.97-	111318	14 80	05.97-	113443	12 1.4
		05.97- 05.04	113604	14 95	05.97-	111130	12 1.1
		AC 05.97-	111318	14 80			
406 1.8 16V	[6FZ (EW7J4)]	10.00-	112480	14 90			
		10.00- 05.04	113575	14 80			
	[LFY (XU7JP4)]	10.95-	111318	14 80	11.95-	111130	12 1.1
		11.95- 10.00	113604	14 95	11.95-	113443	12 1.4
406 1.9 Diesel	[DHW (XUD9SD)]	10.96-	112688	14 95	10.96- 05.04	114460	12 1.4
		10.96-	112703	14 120	10.96-	111070	12 1.7
		10.96-	113485	14 80			
406 1.9 TD	[DHX (XUD9TE)]	01.96-	112688	14 95	01.96-	111070	12 1.7
		01.96-	112703	14 120	01.96- 10.04	114460	12 1.4
	[DHY (XUD9TE)]	01.96-	112688	14 95	01.96-	111070	12 1.7
		01.96-	112703	14 120	01.96- 05.04	114460	12 1.4
406 2.0 16V	[RFN (EW10J4)]	08.00-	112460	14 150			
		08.00-	112480	14 90			
	[RFR (DEW10J4)]	01.99-	112460	14 150	01.99-	111130	12 1.1
		01.99-	112461	14 150	01.99-	113443	12 1.4
	[RFV (XU10J4R)]	01.99-	112480	14 90			
		11.95-	111318	14 80	11.95-	111130	12 1.1
		11.95- 05.04	113604	14 95	11.95-	113443	12 1.4
AC 11.95-	111318	14 80					
406 2.0 HPi 16V	[RLZ (EW10D)]	10.00-	112480	14 90			
406 2.0 Turbo	[RGX (XU10J2TE)]	04.96-	111318	14 80	04.96-	111130	12 1.1
		04.96- 05.04	113604	14 95	04.96-	113443	12 1.4
406 2.0 HDi	[RHY (DW10TD)]	02.99-	112461	14 150	02.99-	111070	12 1.7
		02.99-	112480	14 90	02.99- 10.04	114460	12 1.4
		AC 02.99-	112460	14 150			
	[RHZ (DW10ATED)]	06.98-	112461	14 150	06.98- 04.04	114460	12 1.4
		10.98- 03.99	113503	14 120	02.99-	111070	12 1.7
02.99-	112480	14 90					
AC 02.99-	112460	14 150					
406 2.0 HDi FAP	[RHS (DW10ATED)]	08.01-	112461	14 150	08.01- 05.04	113926	12 1.9
					08.01- 05.04	111070	12 1.7
	[RHS (DW10ATED4)]	08.01-	112461	14 150	08.01- 10.04	113926	12 1.9
					08.01-	111070	12 1.7
	[RHZ (DW10ATED)]				08.01- 05.04	113926	12 1.9
[RHZ (DW10ATED4)]				08.01- 10.04	113926	12 1.9	
406 2.1 TD 12V	[P8C (XUD11BTE)]	01.96-	112688	14 95	01.96-	111070	12 1.7
		01.96-	112703	14 120	01.96- 10.04	114460	12 1.4
		01.96-	113485	14 80			
406 2.2	[3FZ (EW12J4)]	07.00- 05.04	112460	14 150			
		07.00- 05.04	112480	14 90			
406 2.2 HDi	[4HX (DW12TED4/FAP)]	03.00-	112460	14 150	03.00- 12.04	114126	12 2.3
		03.00-	112461	14 150	03.00- 12.04	114460	12 1.4
					03.00-	111070	12 1.7
					03.00- 12.04	113926	12 1.9
406 3.0 V6	[XFX (ES9J4S)]				AT 03.00- 10.04	115354	12 1.3
					03.00-	115354	12 1.3
407 1.6 HDi FAP	[9HY (DV6TED4)]	05.04-	113640	14 150	05.04-	114030	12 2.2
					05.04-	113254	12 1.4
					05.04-	113933	12 1.5
	[9HZ (DV6TED4)]	05.04-	113640	14 150	05.04-	114030	12 2.2
					05.04-	113254	12 1.4
			05.04-	113933	12 1.5		
407 1.8	[6FZ (EW7J4)]	05.04-	112469	14 90			
407 1.8 16V	[6FY (EW7A)]	09.05-	115371	14 120	09.05-	114460	12 1.4
		09.05-	115541	14 150			
407 2.0	[RFN (EW10J4)]	05.04-	113755	14 150	05.04-	111070	12 1.7
407 2.0 16V	[RFJ (EW10A)]	09.05-	115371	14 120	09.05-	111070	12 1.7
		09.05-	115541	14 150	09.05-	114460	12 1.4
407 2.0 Bioflex	[RFJ (EW10A)]	09.07-	115541	14 150	09.07-	114460	12 1.4
					09.07-	111070	12 1.7
407 2.0 HDi	[RHE (DW10CTED4)]	02.10-	115475	14 180	02.10-	114854	12 2.5
					02.10-	111070	12 1.7
	[RHF (DW10BTED4)]				08.08-	114030	12 2.2
					08.08-	114854	12 2.5
[RHH (DW10CTED4)]	06.09-	115475	14 180	06.09-	114854	12 2.5	



Application list

PEUGEOT Continued

	[RHR (DW10BTED4)]	09.08- 12.09	113640	14 150		09.08- 12.09	114126	12 2.3
						09.08- 12.09	113254	12 1.4
						10.05- 12.09	113926	12 1.9
						08.08-	114030	12 2.2
						10.05- 12.09	114460	12 1.4
						08.08-	114854	12 2.5
		11.04- 10.07	114859	14 180		AT6S 11.04- 10.07	114854	12 2.5
		11.04- 10.07	113640	14 150		11.04- 10.07	114126	12 2.3
						11.04- 10.07	113926	12 1.9
						11.04- 10.07	113254	12 1.4
						11.04- 10.07	111070	12 1.7
407 2.0 HDi FAP	[RHR (DW10BTED4)]	05.04-	113640	14 150		05.04-	114854	12 2.5
						05.04-	111070	12 1.7
						05.04-	113926	12 1.9
						05.04-	114460	12 1.4
407 2.2	[3FZ (EW12J4)]	05.04- 05.04-	112469 115541	14 90 14 150				
407 2.2 16V	[3FY (EW12J4)]	09.05- 09.05-	115371 115541	14 120 14 150		09.05- 09.05-	111070 114460	12 1.7 12 1.4
407 2.2 HDi	[4HP(DW12BTED4)]					06.08-	114854	12 2.5
407 2.2 HDi FAP	[4HT (DW12BTED4)]	05.06-	114859	14 180		05.06-	114854	12 2.5
407 2.7 HDi	[UHZ (DT17)]	10.05-	114391	14 180		10.05-	115328	12 2.2
	[UHZ (DT17TED4)]	10.05-	114391	14 180		10.05-	115328	12 2.2
407 3.0	[XFV (ES9A)]					05.04-	115354	12 1.3
407 3.0 V6	[XFV (ES9A)]					10.05-	115354	12 1.3
407 3.0 HDi	[DT20C]	06.09-	115582	14 230		06.09-	115328	12 2.2
504 1.6	[XC7P]					10.71- 12.77	110793	12 0.9
						01.80- 06.87	111066	12 1.05
504 1.8	[XM]					07.68- 12.77	110793	12 0.9
	[XM7]					07.68- 02.71	111066	12 1.05
						01.71- 12.77	110793	12 0.9
						12.77- 12.89	111066	12 1.05
504 1.8 i	[KF5]					07.68- 02.71	111066	12 1.05
	[KF6]					07.68- 02.71	111066	12 1.05
504 2.0	[106 (XN1)]					03.71- 12.77	110793	12 0.9
						12.77- 06.86	111066	12 1.05
	[107 (XN2)]					01.71- 08.84	111066	12 1.05
	[XN1]					04.71- 12.77	110793	12 0.9
						12.77- 07.86	111066	12 1.05
	[XN2]					10.74- 12.77	110793	12 0.9
						12.77- 08.82	111066	12 1.05
						09.79- 07.86	111066	12 1.05
						09.79- 07.86	110793	12 0.9
504 2.0 Ti	[107 (XN2)]					01.71- 12.77	110793	12 0.9
						12.77- 06.83	111066	12 1.05
504 2.7	[140 (ZMJ)]					10.77- 08.84	110793	12 0.9
						10.77- 08.84	111066	12 1.05
505 1.8	[105 (XM7)]					01.82- 10.85	110793	12 0.9
	[XM7A]					01.82- 10.85	111066	12 1.05
						09.85- 10.86	110793	12 0.9
						09.85- 10.86	111066	12 1.05
505 2.0	[106 (XN1)]					11.80- 12.85	110793	12 0.9
						11.80- 12.85	111066	12 1.05
	[106E (XN1A)]					09.85- 11.87	111066	12 1.05
	[829 (ZEJ)]					08.79- 10.86	111063	12 1.2
	[XC6]					04.82- 11.87	111066	12 1.05
						09.79- 10.86	111063	12 1.2
						03.82- 10.84	111066	12 1.05
						03.82- 10.84	110793	12 0.9
505 2.2	[851 (ZDJ)]					05.81- 10.84	111063	12 1.2
	[851X (ZDJL)]					01.86- 12.93	111063	12 1.2
505 2.2 GTi	[851B (ZDJL)]					08.83- 12.93	111063	12 1.2
508 1.6 THP	[5FN]	11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10-	114811 115604 116311 116353* 114771* 114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150 14 150 14 120 A49 14 150 A49 14 120 14 150		11.10- 11.10-	113960 113960	12 0.9 12 0.9
508 1.6 VTi	[5FH]	11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10- 11.10-	114811 115604 116311 116353* 114771* 114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150 14 150 14 120 A49 14 150 A49 14 120 14 150		11.10- 11.10-	113960 113960	12 0.9 12 0.9
508 1.6 BlueHdi 120	[BHZ (DV6FC)]					03.14-	113933	12 1.5
508 1.6 HDi	[9HD (DV6CTED)]					02.12- 02.12- 02.12-	111130 113933 114030	12 1.1 12 1.5 12 2.2
	[9HR (DV6C)]	11.10-	115475	14 180		11.10- 11.10-	114030 113933	12 2.2 12 1.5
	[BHX (DV6FC)]					09.14-	113933	12 1.5
508 2.0 BlueHdi 160						AT 10.18- 10.18-	114854 113926	12 2.5 12 1.9
508 2.0 BlueHdi 180						AT 10.18- 10.18-	114854 113926	12 2.5 12 1.9
508 2.0 HDi	[RHF (DW10BTED4)]					11.10-	114460	12 1.4
	[RHH(DW10CTED4)]					11.10-	114460	12 1.4
	[RHR (DW10BTED4)]	11.10-	115475	14 180		11.10-	113926	12 1.9
508 2.0 HDi 150	[AHX (DW10FD)]					04.14- 04.14- 04.14-	111070 113926 114460	12 1.7 12 1.9 12 1.4



508 2.0 HDi 180	[AHW (DW10FC)]				04.14-	114854	12 2.5
508 2.0 HDi AWC	[RHC (DW10CTED4)]				11.10-	113926	12 1.9
					11.10-	114460	12 1.4
					11.10-	114854	12 2.5
508 2.0 HDi Hybrid4					11.10-	113926	12 1.9
					11.10-	111070	12 1.7
508 2.2 HDi	[4HL(DW12C)]				11.10-	114854	12 2.5
604 2.7	[112 (ZM)]	08.77- 05.83	111071	14 75			
	[140 (ZMJ)]	08.77- 05.83	111071	14 75			
604 2.8 GTi	[154A (ZMJK)]	09.83- 07.87	111071	14 75			
605 2.0	[R5A (XU102C)]				10.89- 05.99	111130	12 1.1
					10.89- 05.99	113443	12 1.4
	[RDZ (XU10MZ)]				02.90-	111130	12 1.1
					06.92-	113443	12 1.4
605 2.0 16V	[RFV (XU10J4R)]	07.94- 06.95	112772	14 120	06.95-	111130	12 1.1
		07.94- 09.99	113604	14 95	06.95-	113443	12 1.4
		06.95-	111318	14 80			
605 2.0 Turbo	[RGX (XU10J2TE)]	07.91- 09.99	113604	14 95	07.94- 05.99	113443	12 1.4
		07.95- 05.99	111318	14 80	07.94- 05.99	111130	12 1.1
	[RGY (XU10J2TE)]				07.92- 06.95	111130	12 1.1
605 2.1 Diesel	[P9A (XUD11A)]				05.89- 07.95	111070	12 1.7
					06.89- 07.95	114460	12 1.4
605 2.1 TD 12V	[P8C (XUD11BTE)]	07.95-	112688	14 95	08.94-	111070	12 1.7
		07.95-	112703	14 120	08.94- 09.99	114460	12 1.4
605 2.1 TD	[PHZ (XUD11ATE)]	06.95- 10.96	112688	14 95	06.89- 10.96	111070	12 1.7
		06.95- 10.96	112703	14 120			
605 2.5 TD	[THY (DK5ATE)]				07.94-	112053	12 2.2
607 2.0	[RFN (EW10J4)]	02.00-	112469	14 90			
		02.00-	113575	14 80			
607 2.0 HDi	[RHR (DW10BTE4)]	09.05-	114859	14 180	09.05-	113926	12 1.9
	[RHS (DW10ATED)]	03.01- 07.04	113640	14 150	03.01- 07.04	114126	12 2.3
					03.01- 07.04	111070	12 1.7
	[RHZ (DW10ATED)]	05.00-	112460	14 150	05.00-	111070	12 1.7
607 2.2 16V	[3FY (EW12J4)]	05.00-	112461	14 150	05.00-	114126	12 2.3
		09.05-	113755	14 150	09.05-	114460	12 1.4
					09.05-	111070	12 1.7
607 2.2 HDi	[4HX (DW12TED4/FAP)]	02.00-	112480	14 90			
		02.00- 11.04	113503	14 120			
		AT 02.00-	112480	14 90			
		02.00-	112460	14 150	02.00-	114126	12 2.3
607 2.2 HDi FAP	[4HT (DW12BTE4)]	02.00-	112461	14 150	02.00-	114460	12 1.4
		02.00-	113640	14 150	02.00-	111070	12 1.7
		05.06-	114859	14 180	05.06-	114854	12 2.5
607 2.7 HDi 24V	[DT17TED4]	12.04-	114391	14 180	12.04-	115328	12 2.2
607 3.0 V6 24V	[XFV (ES9A)]				03.04-	115354	12 1.3
	[XFX (ES9J4S)]				02.00-	115354	12 1.3
806 1.8	[LFW (XU7JP)]	07.95-	112298	14 80	07.95-	111130	12 1.1
		07.95-	112299	14 95	07.95-	113443	12 1.4
		07.95- 08.02	112772	14 120			
806 1.9 TD	[DHX (XUD9TE)]	08.94-	111893	14 70	08.94-	111070	12 1.7
		08.94-	112688	14 95	07.95- 08.02	114460	12 1.4
		08.94-	112703	14 120			
		08.94-	113485	14 80			
	[DHY (XUD9TE)]	03.94-	111893	14 70	03.94-	111070	12 1.7
		03.94-	112688	14 95	05.97- 08.02	114460	12 1.4
	03.94-	112703	14 120				
	03.94-	113485	14 80				
806 2.0	[RFU (XU10J2)]	06.94-	112298	14 80	06.94-	111130	12 1.1
		06.94-	112299	14 95	06.94-	113443	12 1.4
		06.94-	112772	14 120			
806 2.0 16V	[RFN (EW10J4)]	09.00-	112480	14 90			
		09.00-	113503	14 120			
806 2.0 Turbo	[RFV (XU10J4R)]	05.98-	111318	14 80	05.98-	111130	12 1.1
		05.98- 09.00	113604	14 95	05.98-	113443	12 1.4
		06.94- 03.97	112298	14 80	06.94-	111070	12 1.7
	06.94- 03.97	112299	14 95	06.94-	113443	12 1.4	
	06.94- 08.02	113604	14 95	06.94-	111130	12 1.1	
	Eng. 7390- 04.97-	111318	14 80				
	Eng. -7389 06.94- 03.97	112298	14 80				
	Eng. -7389 06.94- 03.97	112299	14 95				
	Eng. -7389 06.94- 03.97	112772	14 120				
806 2.0 HDi 16V	[RHW (DW10ATED4)]	08.99- 08.02	112460	14 150	08.99- 08.02	111070	12 1.7
		08.99- 08.02	112461	14 150	08.99- 08.02	114460	12 1.4
		08.99- 08.02	112480	14 90			
		08.99- 08.02	113503	14 120			
806 2.0 HDi	[RHZ (DW10ATED)]	08.99-	112460	14 150	08.99-	111070	12 1.7
		08.99- 08.02	112461	14 150	08.99- 08.02	114460	12 1.4
		08.99-	112480	14 90			
		08.99- 08.02	113503	14 120			
806 2.1 TD	[P8C (XUD11BTE)]	06.96-	111893	14 70	06.96-	111070	12 1.7
		06.96-	112688	14 95	06.96- 08.99	114460	12 1.4
		06.96-	112703	14 120			
		06.96-	113485	14 80			
807 2.0	[RFN (EW10J4)]	06.02-	112469	14 90			
807 2.0 16V	[RFJ (EW10A)]	09.05-	115371	14 120	09.05-	114460	12 1.4
		09.05-	115541	14 150			
807 2.0 HDi	[DW10UTED4]				11.06-	113926	12 1.9
					11.06-	114460	12 1.4
					06.09-	111070	12 1.7
					06.09-	113926	12 1.9
	[RHH (DW10CTED4)]				06.02-	114126	12 2.3
	[RHK (DW10UTED4)]				06.02-	114460	12 1.4

STARTERS & ALTERNATORS



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	[RHM (DW10ATED4)]	06.02-	112461	14 150		06.02- 06.02- 06.02-	114460 111070 114126	12 1.4 12 1.7 12 2.3	
	[RHR (DW10BTED4)]	06.06-	113640	14 150		06.06-	113926	12 1.9	
	[RHT (DW10ATED4)]					06.02- 06.02-	114126 114460	12 2.3 12 1.4	
	[RHW (DW10ATED4)]					06.02- 05.06 06.02- 05.06	114126 114460	12 2.3 12 1.4	
807 2.2	[3FZ (EW12J4)]	06.02-	112469	14 90					
807 2.2 HDi	[4HT (DW12BTED4)]					06.06-	114854	12 2.5	
807 2.2 HDi FAP	[4HX (DW12TED4/FAP)]	06.02-	112461	14 150		06.02- 06.02- 06.02-	114460 111070 114126	12 1.4 12 1.7 12 2.3	
1007 1.4	[KFV (TU3JP)]	04.05- 04.05-	113405 114707	14 70 14 80		04.05- 04.05- 04.05-	111994 116306 110584	12 0.7 12 1.2 12 1.2	Reman. Starter
1007 1.4 16V	[KFU (ET3J4)]	10.05-	113246	14 90		10.05- 10.05-	116306 110584	12 1.2 12 1.2	Reman. Starter
1007 1.4 HDi	[8HX (DV4TD)]					04.05- 04.05-	113254 113933	12 1.4 12 1.5	
	[8HZ (DV4TD)]	04.05-	113755	14 150		04.05- 04.05-	113933 113254	12 1.5 12 1.4	
1007 1.6	[NFU (TU5JP4)]	04.05-	113405	14 70		04.05- 04.05- 04.05-	116306 110584 114030	12 1.2 12 1.2 12 2.2	Reman. Starter
1007 1.6 HDi	[9HZ (DV6TED4)]	06.07-	113640	14 150		06.07-	114030	12 2.2	
2008 1.2 THP 110	[HNZ (EB2DT)]	01.15- 01.15-	115546 116357*	14 80 A49 14 80		01.15-	116281*	12 1.8	
2008 1.2 THP 130	[HNZ (EB2DTS)]	01.15- 01.15-	115546 116357*	14 80 14 80		01.15-	116281*	12 1.8	
2008 1.2 VTi	[HMZ (EB2F)]	03.13- 03.13-	115546 116357*	14 80 A49 14 80		03.13- 03.13-	113960 116092	12 0.9 12 1.0	
2008 1.4 HDi	[8HR (DV4C)]					06.13- 06.13-	113254 113933	12 1.4 12 1.5	
2008 1.6 VTi	[5FS (EP6C)]	03.13- 03.13- 03.13-	114752* 114811 116311	14 80 14 120 A49 14 120		03.13-	113960	12 0.9	
2008 1.6 BlueHdi 100	[BHY (DV6FD)]					01.15-	114030	12 2.2	
2008 1.6 BlueHdi 120	[BHZ (DV6FC)]					07.14-	114030	12 2.2	
2008 1.6 HDi	[9HD (DV6CTED)]					03.13- 03.13- 03.13-	113933 114030 113254	12 1.5 12 2.2 12 1.4	
	[9HP (DV6DTE)]					03.13-	114030	12 2.2	
3008 1.2	[HNY (EB2DTS)]					01.15-	116281*	12 1.8	
3008 1.6 THP	[5FV (EP6DT)]	06.09- 06.09- 06.09- 06.09- 06.09-	114771* 114811 115604 116311 116353*	14 150 14 120 A49 14 150 A49 14 120 14 150		06.09-	113960	12 0.9	
3008 1.6 THP 165	[5GZ (EP6FDT)]					05.16-	116281*	12 1.8	
3008 1.6 i	[EP6CDT]					05.09-	113960	12 0.9	
3008 1.6 i THP 150	[5FX (EP6DT)]	06.09- 06.09- 06.09- 06.09- 06.09-	114771* 114811 115604 116311 116353*	14 150 14 120 A49 14 150 A49 14 120 14 150		06.09-	113960	12 0.9	
3008 1.6 VTi	[5FS (EP6C)]	06.09- 06.09- 06.09- 06.09- 06.09- 06.09-	114771* 114811 115604 116311 116353*	14 150 14 120 A49 14 150 A49 14 120 14 150		06.09-	113960	12 0.9	
	[EP6]	06.09- 06.09- 06.09- 06.09- 06.09-	114771* 114811 115604 116311 116353*	14 150 14 120 A49 14 150 A49 14 120 14 150		06.09-	113960	12 0.9	
3008 1.6 HDi	[9HD (DV6CTED)]					03.13- 03.13-	113933 114030	12 1.5 12 2.2	
	[9HR (DV6C)]					08.10- 08.10-	113933 114030	12 1.5 12 2.2	
	[9HZ (DV6ATED4)]					06.09- 06.09-	113933 114030	12 1.5 12 2.2	
3008 1.6 HDi BlueHdi 115	[BHX (DV6FC)]					02.13-	113933	12 1.5	
3008 1.6 HDi BlueHdi 120	[BHZ (DV6FC)]					05.16-	113933	12 1.5	
3008 2.0 Diesel Hybrid4	[RHH (DW10CTED4)]					02.11-	113926	12 1.9	
3008 2.0 HDi	[RHE (DW10CTED4)]	06.09-	115475	14 180		06.09- 06.09- 09.11-	114854 114854 113926	12 2.5 12 2.5 12 1.9	
3008 2.0 HDi BlueHdi 136	[AHV (DW10FD)]					11.16- 11.16- 11.16-	111070 113926 114854	12 1.7 12 1.9 12 2.5	
3008 2.0 HDi BlueHdi 150	[AHX (DW10FD)]					05.16-	114460	12 1.4	
3008 2.0 HDi BlueHdi 180	[AHW (DW10FC)]					05.16- 05.16- 05.16-	111070 113926 114854	12 1.7 12 1.9 12 2.5	
4007 2.2 HDi	[4HK (DW12MTED4)]	02.07-	115369	14 150		02.07- 02.07-	114854 114460	12 2.5 12 1.4	
	[4HN (DW12MTED4)]	02.07-	115369	14 150		02.07- 02.07-	114854 114460	12 2.5 12 1.4	
4008 1.8 HDi		05.12-	116030	14 130					
4008 1.8 HDi AWC		05.12-	116030	14 130					
5008 1.2	[HNY (EB2DTS)]					A25 01.15-	116281*	12 1.8	



5008 1.6	[5GZ (EP6FDT)]	02.12-	114811	14 120 A49	02.12-	113960	12 0.9
		02.12-	115604	14 150 A49			
		02.12-	116311	14 120			
		02.12-	116353*	14 150			
5008 1.6 PureTech 180					AT 07.18-	114854	12 2.5
					07.18-	113926	12 1.9
					07.18-	111070	12 1.7
5008 1.6 THP 165	[5GZ (EP6FDT)]				12.16-	116281*	12 1.8
5008 1.6 16V	[5FV (EP6DT)] [EP6]				09.09-	113960	12 0.9
		09.09-	114771*	14 150	09.09-	113960	12 0.9
		09.09-	114811	14 120 A49			
		09.09-	115604	14 150 A49			
		09.09-	116311	14 120			
5008 1.6 THP 150		02.12-	116353*	14 150	02.12-	113960	12 0.9
		02.12-	116311	14 120			
		02.12-	115604	14 150 A49			
		02.12-	114811	14 120 A49			
5008 1.6 THP 165	[5GZ (EP6FDT)]				02.12-	116281*	12 1.8
5008 1.6 HDi	[9HD (DV6CTED)] [9HR (DV6C)] [9HZ (DV6TED4)] [9HZP (DV6TED4)]				03.13-	113933	12 1.5
					03.13-	114030	12 2.2
					08.10-	113933	12 1.5
					08.10-	114030	12 2.2
					09.09-	113933	12 1.5
					09.09-	114030	12 2.2
5008 1.6 HDi BlueHdi 115	[BHx (DV6FC)]				12.16-	113933	12 1.5
5008 1.6 HDi BlueHdi 120	[BHZ (DV6FC)]				12.16-	113933	12 1.5
5008 2.0 BlueHdi 180	[EHZ (DW10FC)]				AT 01.18-	114854	12 2.5
					01.18-	111070	12 1.7
					01.18-	113926	12 1.9
5008 2.0 HDi	[AHV (DW10FD)] [RHD (DW10CTED4)] [RHE (DW10CTED4)] [RHH (DW10CTED4)]				02.12-	113926	12 1.9
					02.12-	113926	12 1.9
		06.09-	115475	14 180	06.09-	114854	12 2.5
					06.09-	113926	12 1.9
		09.09-	115475	14 180	09.09-	114854	12 2.5
5008 2.0 HDi BlueHdi 150	[AHX (DW10FD)]				12.16-	111070	12 1.7
					12.16-	113926	12 1.9
					12.16-	114854	12 2.5
5008 2.0 HDi BlueHdi 180	[AHW (DW10FC)]				12.16-	111070	12 1.7
					12.16-	113926	12 1.9
					12.16-	114854	12 2.5
206+ 1.1	[HFx (TU1A)] [HFx (TU1JP)]	01.09-	113405	14 70	01.09-	111994	12 0.7
		01.09-	113405	14 70	01.09-	116306	12 1.2
206+ 1.1 LPG	[HFx (TU1A)] [HFx (TU1JP)]				01.09-	110584	12 1.2
					01.09-	111994	12 0.7
		04.09- 06.13	113405	14 70	04.09- 06.13	110584	12 1.2
		04.09- 06.13	113575	14 80	04.09- 06.13	116306	12 1.2
206+ 1.4	[KFT (TU3A)] [KfV (TU3A)] [KfW (TU3A)]	04.09- 06.13	113405	14 70	04.09- 06.13	110584	12 1.2
		04.09- 06.13	113575	14 80	04.09- 06.13	116306	12 1.2
		09.10-	113405	14 70	09.10-	116306	12 1.2
					09.10-	110584	12 1.2
		01.09-	112469	14 90	01.09-	111994	12 0.7
		01.09-	113575	14 80	01.09-	116306	12 1.2
206+ 1.6V	[NFU (TU5JP4)]				01.09-	110584	12 1.2
					01.09-	111994	12 0.7
					01.09-	116306	12 1.2
					01.09-	110584	12 1.2
207 CC 1.6 16V Turbo	[EP6CDT]				10.09-	113960	12 0.9
207 SW 1.4 16V	[8FR (EP3)]	11.09-	114752*	14 80	11.09-	113960	12 0.9
207 SW 1.4 LPG	[KFT (TU3A)] [KfV (TU3JP)]	08.07- 12.12	115474	14 80	08.07- 12.12	116306	12 1.2
					08.07- 12.12	110584	12 1.2
					08.07- 12.12	111994	12 0.7
		08.07- 12.12	115474	14 80	08.07- 12.12	116306	12 1.2
207 SW 1.6 16V	[5FY (EP6DTS)]				08.07- 12.12	110584	12 1.2
					08.07- 12.12	110584	12 1.2
					08.07- 12.12	111994	12 0.7
					02.07-	113960	12 0.9
207 SW 1.6 HDi	[9HP (DV6DTEd)] [9HR (DV6C)]				11.09-	113933	12 1.5
					11.09-	114030	12 2.2
					08.09-	113933	12 1.5
207 Van 1.4	[KfV (TU3A)]	06.07- 10.08	115474	14 80	08.09-	114030	12 2.2
					06.07- 10.08	116306	12 1.2
270 CC 1.6 HDi	[9HR (DV6C)]				06.07- 10.08	110584	12 1.2
					06.07- 10.08	111994	12 0.7
		08.09-	113640	14 150	08.09-	113933	12 1.5
3008 MPV 2.0 BlueHdi 135 Hybrid	[AHS (DW10FD)]	08.09-	115369	14 150	08.09-	114030	12 2.2
					01.15- 12.16	111070	12 1.7
3008 MPV 2.0 BlueHdi 150 Hybrid	[AHR (DW10FD)]				01.15- 12.16	113926	12 1.9
					01.15- 12.16	111070	12 1.7
3008 SUV 1.6 PureTech 180					01.15- 12.16	113926	12 1.9
					AT 07.18-	114854	12 2.5
					07.18-	113926	12 1.9
307 SW 1.4 HDi 70	[8HZ (DV4TD)]	03.02- 01.05	113755	14 150	03.02- 01.05	111070	12 1.7
308 CC 1.6 THP	[EP6CDTX]				07.18-	111070	12 1.7
		10.10-	114811	14 120 A49			
		10.10-	115604	14 150 A49	10.10-	113960	12 0.9
		10.10-	116311	14 120			
		10.10-	116353*	14 150			

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308 CC 1.6 16V	[5FS (EP6C)]				06.09-	113960	12	0.9	
	[5FT (EP6DT)]				06.09-	113960	12	0.9	
	[5FV (EP6CDT)]				06.09-	113960	12	0.9	
308 CC 1.6 HDi	[9HL (DV6C)]				06.09-	114030	12	2.2	
	[9HR (DV6C)]				06.09-	114030	12	2.2	
	[9HZ (DV6TED4)]				03.13-	113933	12	1.5	
					03.13-	114030	12	2.2	
308 CC 2.0 HDi	[RHH(DW10CTED4)]	06.09-	115475	14	180				
						06.09-	114854	12	2.5
	[RHR (DW10BTED4)]					06.09-	113926	12	1.9
308 SW 1.2 THP 110	[HNZ (EB2DT)]					04.09-	114854	12	2.5
308 SW 1.2 THP 130	[HNY (EB2DTS)]					03.14-	116281*	12	1.8
308 SW 1.4 16V	[8FS (EP3)]	12.09-	114771*	14	150				
		12.09-	114811	14	120 A49				
		12.09-	115604	14	150 A49				
		12.09-	116311	14	120				
		12.09-	116353*	14	150				
308 SW 1.5 BlueHdi 100	[YHY (DV5RD)]					04.18-	113254	12	1.4
						04.18-	114030	12	2.2
308 SW 1.6 GT 205					06.14-	116281*	12	1.8	
308 SW 1.6 PureTech 225					01.18-	116281*	12	1.8	
308 SW 1.6 THP 155	[5FV (EP6DT)]	03.14-	114811	14	120 A49				
		03.14-	116311	14	120				
308 SW 1.6 16V	[5FT (EP6DT)]					09.07-	113960	12	0.9
	[5FV (EP6CDT)]	10.09-	114771*	14	150				
		10.09-	114811	14	120 A49				
		10.09-	115604	14	150 A49				
		10.09-	116311	14	120				
308 SW 1.6 THP 125		10.09-	116353*	14	150				
		03.14-	116353*	14	150				
		03.14-	116311	14	120				
		03.14-	115604	14	150 A49				
308 SW 1.6 VTI		03.14-	114811	14	120 A49				
		03.14-	115438	14	120				
308 SW 1.6 Bioflex	[NFU (TU5JP4)]	03.09-	115438	14	120				
						03.09-	116306	12	1.2
308 SW 1.6 HDi									Reman. Starter
	[9HD (DV6C)]					03.09-	110584	12	1.2
						03.14-	113254	12	1.4
						03.14-	113933	12	1.5
						03.14-	114030	12	2.2
	[9HR (DV6C)]	12.09-	115475	14	180				
						12.09-	114030	12	2.2
					12.09-	113933	12	1.5	
					09.13-	114030	12	2.2	
					09.13-	113933	12	1.5	
					09.13-	113254	12	1.4	
308 SW 2.0 Bioflex	[RFJ (EW10A)]	01.08-	115541	14	150				
308 SW 2.0 BlueHdi 180	[AHW (DW10FC)]					06.14-	111070	12	1.7
						06.14-	114854	12	2.5
						06.14-	114854	12	2.5
						06.14-	111070	12	1.7
308 SW 2.0 BlueHdi SW	[EHZ (DW10FC)]					11.17-	114854	12	2.5
308 SW 2.0 HDi	[RHE (DW10CTED4)]					04.11-	113926	12	1.9
	[RHF (DW10BTED4)]					09.07-	114854	12	2.5
	[RHH(DW10CTED4)]	06.09-	113640	14	150				
		06.09-	115475	14	180				
	[RHR (DW10BTED4)]					06.09-	113926	12	1.9
						06.09-	114854	12	2.5
					09.07-	114854	12	2.5	
					03.14-	114460	12	1.4	
					03.14-	113926	12	1.9	
380 SW 1.6 HDi	[9HP (DV6DTED)]					11.09-	113254	12	1.4
						11.09-	113933	12	1.5
407 SW 2.0 Bioflex	[RFJ (EW10A)]	01.08-	115541	14	150				
407 SW 2.0 HDi	[RHE (DW10CTED4)]					02.10-	114854	12	2.5
	[RHH (DW10CTED4)]					07.09-	114854	12	2.5
	[RHL (DW10BTED4)]	11.04-	113640	14	150				
		11.04-	114859	14	180				
					11.04-	113254	12	1.4	
					11.04-	111070	12	1.7	
					11.04-	113926	12	1.9	
407 SW 2.2 HDi	[4HP(DW12BTED4)]					06.08-	114854	12	2.5
508 SW 1.6		02.12-	114771*	14	150				
508 SW 1.6 THP	[5FV (EP6DT)]	11.10-	114771*	14	150				
		11.10-	114811	14	120 A49				
		11.10-	115604	14	150 A49				
		11.10-	116311	14	120				
		11.10-	116353*	14	150				
	[5FX (EP6DT)]	11.10-	114811	14	120 A49				
		11.10-	115604	14	150 A49				
		11.10-	116311	14	120				
		11.10-	116353*	14	150				
508 SW 1.6 VTI	[5FH]	11.10-	114811	14	120 A49				
		11.10-	115604	14	150 A49				
		11.10-	116311	14	120				
		11.10-	116353*	14	150				
	[5FS (EP6C)]	11.10-	114771*	14	150				
		11.10-	114811	14	120 A49				
		11.10-	115604	14	150 A49				
		11.10-	116311	14	120				
		11.10-	116353*	14	150				
508 SW 1.6 HDi	[9HD (DV6CTED)]					02.12-	111130	12	1.1
						02.12-	113933	12	1.5
						02.12-	114030	12	2.2
	[9HR (DV6C)]	11.10-	115475	14	180				
					11.10-	114030	12	2.2	
					11.10-	113933	12	1.5	
	[BHX (DV6FC)]					09.14-	113933	12	1.5
508 SW 2.0 HDi	[RHF (DW10BTED4)]					11.10-	114460	12	1.4
	[RHH(DW10CTED4)]					11.10-	114460	12	1.4



	[RHR (DW10BTED4)]	11.10-	115475	14 180		11.10-	114854	12 2.5	
						11.10-	111070	12 1.7	
						11.10-	113926	12 1.9	
508 SW 2.0 HDi 150	[AHX (DW10FD)]					04.14-	111070	12 1.7	
						04.14-	113926	12 1.9	
						04.14-	114460	12 1.4	
508 SW 2.0 HDi 180	[AHW (DW10FC)]					04.14-	114854	12 2.5	
508 SW 2.0 HDi 180 RXH						10.14-	113926	12 1.9	
						10.14-	111070	12 1.7	
508 SW 2.0 HDi Hybrid	[RHC (DW10CTED4)]					12.11-	111070	12 1.7	
						12.11-	113926	12 1.9	
508 SW 2.0 Hybrid	[RHC (DW10CTED4)]					11.10-	113926	12 1.9	
						11.10-	114460	12 1.4	
508 SW 2.2 HDi	[4HL(DW12C)]					11.10-	114854	12 2.5	
Bipper 1.2 HDi Tepee 80	[FHY (F13DTE6)]					12.15-	115400	12 1.4	
Bipper 1.3 HDi 75	[199A9.000]	10.10-	115384	14 120					
Bipper 1.4 Tepee	[KFV (TU3A)]	04.08-	112469	14 90		04.08-	110584	12 1.2	
		04.08-	113575	14 80		04.08-	116306	12 1.2	Reman. Starter
Bipper 1.4 HDi	[8HS (DV4TD)]	02.08-	114848	14 90		02.08-	113933	12 1.5	
						02.08-	113254	12 1.4	
Boxer 1.9 Diesel	[D8C (XUD9AU)]	03.94- 04.02	112230	14 80		03.94- 04.02	111070	12 1.7	
						03.94- 04.02	114460	12 1.4	
	[DJY (XUD9A)]	07.98- 02.02	112230	14 80		07.98- 02.02	111070	12 1.7	
Boxer 1.9 DT 4x4	[XUD9TE]					03.96- 09.98	114460	12 1.4	
Boxer 1.9 TD	[D8C (XUD9UTF)]	03.94- 04.02	112230	14 80		03.94- 04.02	114460	12 1.4	
						03.94- 04.02	111070	12 1.7	
	[DHX (XUD9TE)]	02.94- 02.02	112230	14 80		07.99- 04.02	114460	12 1.4	
						02.94- 12.98	111070	12 1.7	
	[DHY (XUD9TE)]	08.94- 04.02	112230	14 80		08.94- 04.02	114460	12 1.4	
						08.94- 04.02	111070	12 1.7	
Boxer 1.9 TD 4x4	[D8C (XUD9UTF)]	07.96-	112230	14 80		07.96- 04.02	114460	12 1.4	
						07.96-	111070	12 1.7	
Boxer 2.0	[RFL (XU10J2U)]	04.02-	112298	14 80		04.02-	113443	12 1.4	
						04.02-	111130	12 1.1	
Boxer 2.0 i	[RFW (XU10J2U)]	03.94-	112298	14 80		03.94-	111130	12 1.1	
		03.94-	112299	14 95		03.94-	113443	12 1.4	
		03.94-	112772	14 120					
		AC 03.94-	112299	14 95					
Boxer 2.0 i 4x4	[RFW (XU10J2U)]	08.96-	112298	14 80		02.94- 04.02	113443	12 1.4	
		08.96-	112772	14 120		02.94- 04.02	111130	12 1.1	
		AC 08.96-	112299	14 95					
Boxer 2.0 BlueHDi 110						07.15-	113926	12 1.9	
Boxer 2.0 BlueHDi 130	[AHN (DW10FUD)]					07.15-	113926	12 1.9	
Boxer 2.0 BlueHDi 160	[AHP (DW10FUC)]					07.15-	113926	12 1.9	
Boxer 2.0 HDi	[RHV (DW10TD)]	08.01- 04.02	112461	14 150		04.02-	114126	12 2.3	
		08.01- 04.02	112480	14 90		08.01- 04.02	111070	12 1.7	
		04.02-	112460	14 150		08.01- 04.02	114460	12 1.4	
		04.02-	113640	14 150					
		04.02-	113946	14 90					
		AC 04.02-	112460	14 150					
		AC 04.02-	112480	14 90					
		AC 04.02-	113640	14 150					
	[RHV (DW10UTD)]	04.02-	112460	14 150		04.02-	114126	12 2.3	
		04.02-	112461	14 150		04.02-	111070	12 1.7	
		04.02-	112480	14 90					
		04.02-	113946	14 90					
		AC 04.02-	112460	14 150					
		AC 04.02-	112480	14 90					
		AC 04.02-	113640	14 150					
Boxer 2.0 HDi BlueHDi 110						07.15-	113926	12 1.9	
Boxer 2.0 HDi BlueHDi 110 Flatbed						07.15-	113926	12 1.9	
Boxer 2.0 HDi BlueHDi 130	[AHN (DW10FUD)]					07.15-	113926	12 1.9	
Boxer 2.0 HDi BlueHDi 130 Flatbed	[AHN (DW10FUD)]					07.15-	113926	12 1.9	
Boxer 2.0 HDi BlueHDi 160	[AHP (DW10FUC)]					07.15-	113926	12 1.9	
Boxer 2.0 HDi BlueHDi 160 Flatbed	[AHP (DW10FUC)]					07.15-	113926	12 1.9	
Boxer 2.2 HDi	[4HG]	03.11-	115461	14 150		03.11-	113959	12 2.0	
		03.11-	116061	14 150 A49		03.11-	115510	12 2.0 A49	
	[4HG (P22DTE)]	03.11-	115461	14 150		03.11-	113959	12 2.0	
		03.11-	116061	14 150 A49		03.11-	115510	12 2.0 A49	
	[4HH (P22DTE)]	03.11-	115461	14 150		03.11-	115510	12 2.0 A49	
		03.11-	115739	14 180		A25 03.11-	115986	12 2.5	
		03.11-	116061	14 150 A49		03.11-	113959	12 2.0	
	[4HJ (P22DTE)]	03.11-	115461	14 150		03.11-	113959	12 2.0	
		03.11-	115739	14 180		03.11-	115510	12 2.0 A49	
		03.11-	116061	14 150 A49		A25 03.11-	115986	12 2.5	
	[4HU (P22DTE)]	04.06-	113958	14 150		04.06-	113959	12 2.0	
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49	
	[4HV (P22DTE)]	04.06-	113958	14 150		04.06-	113959	12 2.0	
		04.06-	115499	14 150 A49		04.06-	115510	12 2.0 A49	
	[4HY (DW12UTED)]	04.02-	112460	14 150		04.02-	114126	12 2.3	
		04.02-	112480	14 90		04.02-	111070	12 1.7	
		04.02-	113946	14 90					
		AC 04.02-	112460	14 150					
		AC 04.02-	112480	14 90					
		AC 04.02-	113640	14 150					
Boxer 2.4 TDi	[THX (DJ5TED)]	10.96- 04.02	112772	14 120		01.97-	112053	12 2.2	
		01.97-	112230	14 80					
		01.97-	112298	14 80					
		01.97-	112299	14 95					
Boxer 2.4 TDi 4x4	[THX (DJ5TED)]	01.97-	112298	14 80		01.97-	112053	12 2.2	
		01.97-	112299	14 95					
		01.97-	112772	14 120					
Boxer 2.5 i	[RFW (XU10J2U)]	06.94-	112298	14 80		06.94-	113443	12 1.4	
		06.94-	112299	14 95		06.94-	111130	12 1.1	
		06.94-	112772	14 120					
		AC 06.94-	112299	14 95					

STARTERS & ALTERNATORS



Application list

PEUGEOT *Continued*

Boxer 2.5 Diesel	[T9A (DJ5)]	03.94- 04.02	112298	14 80		02.94-	111070	12 1.7		
		03.94- 04.02	112299	14 95		03.94- 04.02	112053	12 2.2		
		03.94- 04.02	112772	14 120						
Boxer 2.5 Diesel 4x4	[T9A (DJ5)]	02.94- 02.02	112772	14 120		02.94- 02.02	112053	12 2.2		
		07.96-	112298	14 80						
		07.96-	112299	14 95						
Boxer 2.5 TD	[T8A (DJ5T)]	03.94- 04.02	112298	14 80		02.94-	111070	12 1.7		
		03.94- 04.02	112299	14 95		03.94- 04.02	112053	12 2.2		
		03.94- 04.02	112772	14 120						
Boxer 2.5 TD 4x4	[T8A (DJ5T)]	07.96-	112298	14 80		07.96-	112053	12 2.2		
		07.96-	112299	14 95						
		07.96-	112772	14 120						
Boxer 2.5 TDI	[THX (DJ5TED)]	01.97-	112298	14 80		01.97-	112053	12 2.2		
		01.97-	112299	14 95						
		01.97-	112772	14 120						
Boxer 2.5 TDI 4x4	[THX (DJ5TED)]	10.96- 02.02	112772	14 120		10.96- 04.02	112053	12 2.2		
Boxer 2.8 Diesel	[8140.63 (F28D)]					01.99- 02.02	113451	12 2.2		
Boxer 2.8 HDi	[8140.43N]	04.04-	113247	14 120		04.04-	113935	12 2.5		
		04.04-	113950	14 90		04.04-	115501	12 2.5 A49		
		04.04-	114680	14 150		04.04-	112436	12 2.3		
		[8140.43S]	11.00-	113247	14 120		11.00- 04.02	115501	12 2.5 A49	
		11.00- 04.02	114680	14 150		Chas. -17600143	11.00-	112436	12 2.3	
		04.04-	113950	14 90		Chas. 17600144-	11.00- 04.02	113935	12 2.5	
							11.00-	112026	12 2.6	
		[8140.43S (F28DTCR)]	10.00- 11.01	113247	14 120		Chas. -17600143	10.00- 11.01	112436	12 2.3
			10.00- 04.02	113950	14 90		Chas. 17600144-	10.00- 04.02	113935	12 2.5
			10.00- 04.02	114680	14 150			10.00- 04.02	115501	12 2.5 A49
								11.00-	112026	12 2.6
		[8140.43S(F28DTCR)]	04.02- 09.09	113247	14 120		04.02-	115501	12 2.5 A49	
			04.02-	113950	14 90		04.02- 09.09	112026	12 2.6	
	04.02- 09.09	114680	14 150		Chas. -17600143	04.02- 09.09	112436	12 2.3		
					Chas. 17600144-	04.02-	113935	12 2.5		
Boxer 2.8 HDi 4x4	[8140.43S (F28DTCR)]	10.00- 04.02	114680	14 150		04.02-	115501	12 2.5 A49		
		04.02-	113247	14 120		Chas. -17600143	04.02-	112436	12 2.3	
		04.02-	113950	14 90		Chas. 17600144-	04.02-	113935	12 2.5	
							04.02-	112026	12 2.6	
		[8140.43S(F28DTCR)]	04.02-	113247	14 120		04.02-	112026	12 2.6	
			04.02-	113950	14 90		Chas. -17600143	04.02-	112436	12 2.3
	04.02-	114680	14 150			04.02-	115501	12 2.5 A49		
Boxer 2.8	[8040.63]					01.99-	113451	12 2.2		
Boxer 3.0 HDi	[F1CE0481D(FG30DT)] [F1CE3481E]	04.06-	115452	14 150						
		03.11-	114082	14 180 A49		03.11-	114054	12 2.5		
		03.11-	114705	14 140			115516	12 2.5 A49		
		03.11-	115490	14 140 A49						
		03.11-	116043	14 180						
		[F30DTE5]	04.10-	114705	14 140		04.10-	114054	12 2.5	
	04.10-	115490	14 140 A49		04.10-	115516	12 2.5 A49			
Expert 1.6	[222A2]					02.96-	112124	12 0.9		
Expert 1.6 BlueHDi 115	[BHS (DV6FDU)] [BHV (DV6FDU)] [BHX (DV6FC)]					04.16-	113254	12 1.4		
						04.16-	114030	12 2.2		
						04.16-	113254	12 1.4		
						04.16-	114030	12 2.2		
Expert 1.6 BlueHDi 175	[BHX (DV6FCU)]					04.16-	113254	12 1.4		
						04.16-	114030	12 2.2		
Expert 1.6 BlueHDi 95	[BHV (DV6FDU)]					04.16-	113254	12 1.4		
						04.16-	114030	12 2.2		
Expert 1.6 HDi	[9HU (DV6UTED4)]	01.07-	113640	14 150		01.07-	113254	12 1.4		
Expert 1.6 HDi 90	[9HM (DV6UC), 9HH (DV6DUM)]					01.07-	113254	12 1.4		
						01.07-	114030	12 2.2		
		01.07-	113946	14 90		01.07-	114030	12 2.2		
		01.07-	113640	14 150		01.07-	113254	12 1.4		
Expert 1.6 HDi BlueHDi 95	[BHV (DV6FDU)]					09.16-	113254	12 1.4		
						09.16-	114030	12 2.2		
Expert 1.6 HDi Tepee	[9HM (DV6UC), 9HH (DV6DUM)]					01.07-	113254	12 1.4		
						01.07-	114030	12 2.2		
						01.07-	113254	12 1.4		
Expert 1.8	[LFZ (XU7JP)]	10.96- 09.00	112298	14 80		10.96- 09.00	111130	12 1.1		
		10.96- 09.00	112299	14 95						
Expert 1.9 Diesel	[D9B (XUD9AU)]	02.96-	111893	14 70		02.96-	111070	12 1.7		
		02.96-	112688	14 95		02.96-	114460	12 1.4		
		02.96-	112703	14 120						
		02.96-	113485	14 80						
		[DW8]	06.98-	112058	14 70		06.98-	111070	12 1.7	
			06.98-	112480	14 90		06.98-	114460	12 1.4	
		[WJY (DW8B)]	09.01-	113603	14 80		12.98-	114460	12 1.4	
			12.98-	112058	14 70		12.98-	111070	12 1.7	
			AC 12.98-	112480	14 90					
			AC 12.98-	113503	14 120					
		[WJZ (DW8)]	06.98- 08.01	113603	14 80		12.98-	111070	12 1.7	
			12.98-	113640	14 150		12.98-	114460	12 1.4	
		Expert 1.9 TD	[D8B (XUD9TE)]	02.96-	111893	14 70		02.96-	111070	12 1.7
02.96-	112688			14 95		02.96-	114460	12 1.4		
02.96-	112703			14 120						
02.96-	113485			14 80						
[DHX (XUD9TE)]	02.96-			111411	14 75		02.96-	111070	12 1.7	
	02.96-			111893	14 70		02.96-	114460	12 1.4	
Expert 2.0	[RFN (EW10J4)]	03.00-	112480	14 90						
		03.00-	113503	14 120						
Expert 2.0 16V	[RFH (EW10A)]	01.07-	115371	14 120						
		01.07-	115541	14 150						



	[RFJ (EW10A)]	01.07- 01.07-	115371 115541	14 120 14 150				
Expert 2.0 BlueHDI 120					04.16-	111070	12 1.7	
Expert 2.0 BlueHDI 150	[AHH (DW10FC)]				04.16-	111070	12 1.7	
					04.16-	114854	12 2.5	
	[AHX (DW10FD)]				04.16-	111070	12 1.7	
Expert 2.0 BlueHDI 180					04.16-	113926	12 1.9	
	[AHH (DW10FC)]				04.16-	111070	12 1.7	
Expert 2.0 BlueHDI 95					04.16-	114854	12 2.5	
	[AHX (DW10FD)]				04.16-	111070	12 1.7	
Expert 2.0 HDi	[AHY]				04.16-	113926	12 1.9	
					03.11-	111070	12 1.7	
	[AHZ]				03.11-	113926	12 1.9	
					03.11-	111070	12 1.7	
	[AHZ (DW10CD)]				03.11-	113926	12 1.9	
					03.11-	111070	12 1.7	
	[RHH (DW10CTED4)]				09.09-	113926	12 1.9	
					09.09-	111070	12 1.7	
					09.09-	113926	12 1.9	
	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
	[RHW (DW10ATED4)]	07.00-	112480	14 90	07.00-	111070	12 1.7	
		07.00-	113503	14 120	07.00-	114460	12 1.4	
	Chas. -09520-	07.00-	113640	14 150				
	Chas. -09519	07.00-	112460	14 150				
	Chas. -09519	07.00-	112461	14 150				
	[RHX (DW10BTED)]	07.00-	112461	14 150	07.00-	111070	12 1.7	
		07.00-	113640	14 150	07.00-	114460	12 1.4	
	AC	10.99- 12.02	112460	14 150				
	[RHZ (DW10ATED)]	07.00-	112460	14 150	07.00-	111070	12 1.7	
		07.00-	112461	14 150	07.00-	114460	12 1.4	
		07.00-	113603	14 80				
		07.00-	113640	14 150				
	AC	07.00- 12.02	112460	14 150				
	[RHZ (DW10BTED)]	07.00-	112460	14 150	07.00-	111070	12 1.7	
		07.00-	112461	14 150	07.00-	114460	12 1.4	
		07.00-	113603	14 80				
	07.00-	113640	14 150					
[RHZ (DW10CTED)]	07.00-	112460	14 150	07.00-	111070	12 1.7		
	07.00-	112461	14 150	07.00-	114460	12 1.4		
	07.00-	113603	14 80					
	07.00-	113640	14 150					
				10.00- 10.06	113503			
				10.00- 10.06	113640	14 150	10.00- 10.06	111070 12 1.7
				10.00- 10.06	112480	14 90	03.11-	113926 12 1.9
				10.00- 10.06	112461	14 150		
				10.00- 10.06	112460	14 150		
Expert 2.0 HDi 120 4x4	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
Expert 2.0 HDi 130	[AHZ (DW10CD)]	03.11-	115475	14 180	03.11-	113926	12 1.9	
					03.11-	111070	12 1.7	
Expert 2.0 HDi 165	[RHH (DW10CTED4)]	09.09-	115475	14 180	09.09-	114854	12 2.5	
					09.09-	111070	12 1.7	
					09.09-	113926	12 1.9	
Expert 2.0 HDi 4x4	[AHZ (DW10CD)]				03.11-	111070	12 1.7	
					03.11-	113926	12 1.9	
Expert 2.0 HDi BlueHDI 120					09.16-	114854	12 2.5	
					09.16-	113926	12 1.9	
Expert 2.0 HDi BlueHDI 150	[AHX (DW10FD)]				09.16-	111070	12 1.7	
					09.16-	113926	12 1.9	
Expert 2.0 HDi Tepee	[RHH (DW10CTED4)]				09.09-	111070	12 1.7	
					09.09-	113926	12 1.9	
	[RHK (DW10UTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
	[RHR (DW10BTED4)]	01.07-	113640	14 150	01.07-	113926	12 1.9	
Hoggar 1.4 Flexfuel	[KFV(TU3A)]				05.10-	110584	12 1.2	
					05.10-	116306	12 1.2	Reman. Starter
Hoggar 1.6 Flexfuel	[NFU(TU5JP4)]	05.10-	112469	14 90	05.10-	116306	12 1.2	Reman. Starter
					05.10-	110584	12 1.2	
J5 1.8	[169B (XM7T)]				01.83- 11.88	110793	12 0.9	
					01.83- 11.88	111066	12 1.05	
J5 1.9 Diesel	[D9B (XUD9A)]	11.87-	111076	14 50	11.87-	111070	12 1.7	
J5 2.0	[170 (XN1T)]				01.83- 09.90	110793	12 0.9	
					01.83- 09.90	111066	12 1.05	
	[170B (XN1T)]				09.81- 09.90	110793	12 0.9	
					09.81- 09.90	111066	12 1.05	
	[170D (XN1TACP)]				10.90-	110793	12 0.9	
					10.90-	111066	12 1.05	
J5 2.5 Diesel	[CRD93 (U25/661)]	09.81- 12.93	111071	14 75	09.81- 12.93	111115	12 2.2	
J5 2.5 Diesel 4x4	[CRD93 (U25/661)]	10.90-	111071	14 75	10.90-	111115	12 2.2	
J5 2.5 TD	[CRD93LS (U25-673)]				10.90-	111115	12 2.2	
J5 2.5 TD 4x4	[CRD93LS (U25/673)]				10.90-	111115	12 2.2	
	[CRD93LS (U25-673)]				10.90-	111115	12 2.2	
J7 1.6	[XC7P]				08.68- 03.80	110793	12 0.9	
Partner 1.1	[HDZ (TU1M)]	06.96-	110619	14 70	06.96-	110584	12 1.2	
		06.96-	111723	14 70	06.96-	116306	12 1.2	Reman. Starter
		06.96-	112782	14 80				
	[HFX (TU1JP)]	06.96-	110619	14 70	06.96-	116306	12 1.2	Reman. Starter
					06.96-	110584	12 1.2	
Partner 1.4	[KFW (TU3JP)]	06.96-	110619	14 70	06.96-	110584	12 1.2	
		06.96-	111723	14 70	06.96-	116306	12 1.2	Reman. Starter
		06.96-	112782	14 80				
		06.96-	113404	14 90				

STARTERS & ALTERNATORS



Application list

PEUGEOT Continued

	[KFX (TU3JP)]	06.96-	110619	14 70	06.96-	110584	12 1.2	
		06.96-	111723	14 70	06.96-	116306	12 1.2	Reman. Starter
		06.96-	112782	14 80				
		06.96-	113404	14 90				
	[TU32]	06.96-	110619	14 70	06.96-	110584	12 1.2	
		06.96-	111723	14 70	06.96-	116306	12 1.2	Reman. Starter
		06.96-	112782	14 80				
		06.96-	113404	14 90				
Partner 1.4 BiFuel	[KFW (TU3JP)]	09.02-	112469	14 90	09.02- 04.03-	110584 116306	12 1.2 12 1.2	Reman. Starter
Partner 1.6	[5FK (EP6C) DTR]				11.10-	113960	12 0.9	
	[5FS (EP6C)]				04.10-	113960	12 0.9	
Partner 1.6 Tepee	[5FK (EP6C) DTR]	08.10- 08.10- 08.10- 08.10-	114811 115604 116311 116353*	14 120 A49 14 150 A49 14 120 14 150	08.10-	113960	12 0.9	
	[5FS (EP6C)]	04.10- 04.10- 04.10- 04.10- 04.10- 04.10-	114752* 114771* 114811 115604 116311 116353*	14 80 14 150 14 120 A49 14 150 A49 14 120 14 150	04.10-	113960	12 0.9	
Partner 1.6 16V	[NFU(TU5JP4)]				07.01- 07.01- 07.01-	110584 111994 116306	12 1.2 12 0.7 12 1.2	Reman. Starter
Partner 1.6 BlueHdi 100	[BHY (DV6FD)]				04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Partner 1.6 BlueHdi 120	[BHZ (DV6FC)]				04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Partner 1.6 BlueHdi 75	[BHW (DV6FE)]				01.15- 01.15- 01.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Partner 1.6 BlueHdi Tepee	[BHW (DV6FE)]				01.15- 01.15- 01.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	[BHY (DV6FD)]				12.14- 12.14- 12.14-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	[BHZ (DV6FC)]				12.14- 12.14- 12.14-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Partner 1.6 HDi	[9HF (DV6DTEd)]	03.13-	115475	14 180	03.13- 03.13- 03.13-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HL (DV6C)]				03.13- 03.13-	113933 114030	12 1.5 12 2.2	
	[9HP (DV6DTEd)]				04.10- 04.10- 04.10-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	[9HS (DV6TED4BU)]	04.08-	113640	14 150	04.08- 04.08-	114030 113254	12 2.2 12 1.4	
	[9HT (DV6BTED4)]	01.09- 01.09-	113640 113946	14 150 14 90	04.08- 04.08-	113254 114030	12 1.4 12 2.2	
	[9HW (DV6BTED4)]	02.06-	113640	14 150	04.08- 02.06-	114030 113254	12 2.2 12 1.4	
	[9HX (DV6ATED4)]	02.06- 02.06- 01.09-	113640 114859 113946	14 150 14 180 14 90	02.06- 04.08-	113254 114030	12 1.4 12 2.2	
	[9HX (DV6ATED4), 9HJ (DV6DTEdM)]	04.10-	115475	14 180	04.10- 04.10-	114030 113254	12 2.2 12 1.4	
	[9HZ (DV6TED4)]				04.08- 08.10- 08.10-	114030 114030 113933	12 2.2 12 2.2 12 1.5	
Partner 1.6 HDi 75	[9HK (DV6ETEDM)]	08.05- 07.08	115475	14 180	08.05- 07.08 08.05- 07.08	114030 113254	12 2.2 12 1.4	
Partner 1.6 HDi BlueHdi 110 4x4	[BHY (DV6FD)]				04.15- 04.15- 04.15-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
Partner 1.6 HDi Tepee	[9HF (DV6DTEd)]	03.13-	115475	14 180	03.13- 03.13- 03.13-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HL (DV6C)]				08.10- 08.10-	113933 114030	12 1.5 12 2.2	
	[9HP (DV6DTEd)]				04.10- 04.10- 04.10-	113254 113933 114030	12 1.4 12 1.5 12 2.2	
	[9HT (DV6BTED4)]	04.08-	113640	14 150	04.08- 04.08-	114030 113254	12 2.2 12 1.4	
	[9HV (DV6TED4)]	04.08-	113640	14 150	04.08- 04.08-	114030 113254	12 2.2 12 1.4	
	[9HW (DV6BTED4)]	04.08-	113640	14 150	04.08- 04.08-	114030 113254	12 2.2 12 1.4	
	[9HX (DV6ATED4)]	04.08-	113640	14 150	04.08- 04.08- 04.10-	114030 113254 113933	12 2.2 12 1.4 12 1.5	
	[9HZ (DV6TED4)]				04.08-	114030	12 2.2	
Partner 1.8	[LFX (XU7JB)]	05.97- 05.97-	111318 113604	14 80 14 95	05.97- 05.97-	111130 113443	12 1.1 12 1.4	



Partner 1.8 Diesel	[A9A (XUD7)]	06.96-	112230	14 80	06.96- 02.98 06.96-	114460	12 1.4	
		06.96-	112292	14 70		111070	12 1.7	
		06.96-	112688	14 95				
		PS 06.96-	111893	14 70				
		PS 06.96-	113485	14 80				
	AC 06.96-	112703	14 120					
Partner 1.9 Diesel	[DJY (XUD9A)]	06.96-	112230	14 80	06.96- 06.96-	114460	12 1.4	
		06.96-	112292	14 70		111070	12 1.7	
		06.96-	112688	14 95				
		PS 06.96-	111893	14 70				
		PS 06.96-	113485	14 80				
		AC 06.96-	112703	14 120				
		[WJY (DW8)]	09.00-	113603	14 80	12.98-	114460	12 1.4
		[WJY (DW8B)]	09.00-	113603	14 80	06.96-	114460	12 1.4
			06.96-	112058	14 70	06.96-	111070	12 1.7
			06.96-	112460	14 150			
			06.96-	112480	14 90			
		[WJY (DW8B),]	01.99- 07.08	113405	14 70	01.99- 07.08	111070	12 1.7
			01.99- 07.08	113640	14 150	01.99- 07.08	112469	
			01.99- 07.08	113946	14 90			
			01.99- 07.08	115438	14 120			
	[WJZ (DW8)]	06.96-	112058	14 70	06.96-	114460	12 1.4	
		06.96-	112460	14 150	06.96- 07.08	111070	12 1.7	
		06.96-	112480	14 90	01.99- 07.08	112469		
		11.98- 08.02	113603	14 80				
		01.99- 07.08	113405	14 70				
		01.99- 07.08	113640	14 150				
		01.99- 07.08	113946	14 90				
		01.99- 07.08	115438	14 120				
	[XUD9]	05.96- 07.96	112292	14 70	05.96- 12.98	111070	12 1.7	
		06.96- 12.98	112230	14 80				
		06.96- 12.98	112688	14 95				
		07.96- 12.98	111893	14 70				
		07.96- 12.98	113485	14 80				
Partner 1.9 Diesel 4x4	[WJY (DW8B)]	08.00-	113603	14 80	04.04-	114460	12 1.4	
		04.04-	112058	14 70	04.04-	111070	12 1.7	
		04.04-	112480	14 90				
	[WJY(DW8B)]				04.04- 08.05	114460	12 1.4	
Partner 2.0 HDi	[RHY (DW10TD)]	02.00-	113755	14 150	12.99-	111070	12 1.7	
		02.00-	113948	14 150	02.00-	114460	12 1.4	
		09.02-	113603	14 80				
		12.99- 11.02	112460	14 150				
		12.99- 11.02	112480	14 90				
Partner 2.0 HDi 4x4	[RHY (DW10TD)]	04.04-	112058	14 70	04.04-	111070	12 1.7	
		04.04-	112480	14 90	04.04-	114460	12 1.4	
		04.04-	113603	14 80				
		04.04-	113755	14 150				
			[RHY(DW10TD)]			04.04- 08.05	114460	12 1.4
RCZ 1.6	[5FG (EP6CDTR)]	06.13-	114811	14 120 A49	06.13-	113960	12 0.9	
		06.13-	115604	14 150 A49				
		06.13-	116311	14 120				
		06.13-	116353*	14 150				
RCZ 1.6 16V	[5FV (EP6CDT)]	03.10-	114752*	14 80	03.10-	113960	12 0.9	
		03.10-	114771*	14 150				
		03.10-	114811	14 120 A49				
		03.10-	115604	14 150 A49				
		03.10-	116311	14 120				
		03.10-	116353*	14 150				
		[EP6CDTX]	06.10-	114752*	14 80	06.10-	113960	12 0.9
			06.10-	114771*	14 150			
			06.10-	114811	14 120 A49			
			06.10-	115604	14 150 A49			
		06.10-	116311	14 120				
		06.10-	116353*	14 150				
RCZ 1.6 THP THP 150	[5FE (EP6CDTMD)]	03.11-	114811	14 120 A49	03.11-	113960	12 0.9	
		03.11-	115604	14 150 A49				
		03.11-	116311	14 120				
		03.11-	116353*	14 150				
RCZ 2.0 HDi	[RHH (DW10CTED4)]				03.10-	113926	12 1.9	
Rifter 1.5 BlueHdi 100					09.18-	114030	12 2.2	
					09.18-	113254	12 1.4	
Rifter 1.5 BlueHdi 130					09.18-	114030	12 2.2	
					09.18-	113254	12 1.4	
Traveller 1.6 BlueHdi 115					04.16-	114030	12 2.2	
					04.16-	113254	12 1.4	
Traveller 1.6 BlueHdi 95					04.16-	114030	12 2.2	
					04.16-	113254	12 1.4	
Traveller 2.0 BlueHdi 150					04.16-	113926	12 1.9	
					04.16-	111070	12 1.7	
Traveller 2.0 BlueHdi 180					04.16-	114854	12 2.5	
					04.16-	111070	12 1.7	
Various Models					07.87-	111115	12 2.2	
					11.87-	111070	12 1.7	
Plaggio								
PASSENGER CARS EU								
APE 0.4	[GL400]				06.00-	112171	12 1.1	
Ape Car D 0.5					10.86- 12.96	114741	12 1.6	
Ape Car TMD 0.5					10.86- 12.96	114741	12 1.6	
Ape Poker Quadrificio 0.4					10.86- 12.96	114741	12 1.6	
Porter 1.0	[CB41]	12.92- 05.98	111048	14 40	02.94- 05.98	111088	12 0.8	
		12.92- 05.98	113921	14 40				
Porter 1.3 16V	[HCEL]	06.98-	111437	14 45	06.98-	114851	12 0.8	
Porter 1.3 16V 4x4	[HCEL]	06.98-	111437	14 45	06.98-	114851	12 0.8	
Porter 1.3 i 16V		05.98-	111437	14 45	05.98-	114851	12 0.8	
Porter 1.3 16V LPG	[HCEL]	06.98-	111437	14 45	06.98-	114851	12 0.8	

STARTERS & ALTERNATORS



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Pininfarina							
PASSENGER CARS EU							
124 2.0 2000	[132C3.031]	06.79- 04.85	110912	14	55		
124 2.0 2000 Spider Europa	[132C3.031]	06.79- 04.85	110912	14	55		
		03.82- 09.85	111620	14	65		
124 2.0 2000 Volumex	[232R14]	06.83- 04.85	110912	14	55		
Plymouth							
PASSENGER CARS EU							
Voyager 2.0 i	[ECC]					01.95- 03.01	114294 12 1.1
Voyager 3.3 i	[EGM]					01.95- 03.01	111492 12 1.4
Voyager 3.8 i	[EGH]					01.95- 03.01	111492 12 1.4
Voyager 3.8 i 4WD	[EGH]					01.95- 03.01	111492 12 1.4
Polaris							
MOTOR BIKES							
Various Models							115450 12 1.4
MARINE							
Various Models						01.92-	112010 12
						01.96- 01.07	113528 12
Pontiac							
PASSENGER CARS EU							
Bonneville 3.8 V6	[L36]		111220	14	105		
Grand Lemans						01.98- 12.99	112900 12 1.4
Trans Sport 3.8	[L27]	07.89- 03.97	112884	14	140		
Porsche							
PASSENGER CARS EU							
911 3.3 Turbo	[M30.69]	08.90- 09.93	112693	14	115 A49		
911 3.3 Turbo S	[930.60]	09.86- 11.90	110931	14	70		
911 3.3 Turbo SC	[930.60]	07.74- 01.83	110931	14	70		
	[930.66]	08.82- 01.83	110931	14	70		
911 3.4	[M96.02]	02.98- 09.01	116170	14	120	02.98- 09.01	114316 12 1.7
	[M96.04]	02.98- 09.01	115678	14	150	02.98- 09.01	114316 12 1.7
		02.98- 09.01	116170	14	120		
911 3.4 Carrera	[M96.01]	09.97- 09.01	115678	14	150	09.97- 09.01	114316 12 1.7
		09.97- 09.01	115835	14	120		
		09.97- 09.01	116170	14	120		
	[M96.02]					05.01-	114316 12 1.7
	[M96.04]	09.97- 09.01	115678	14	150	09.97- 09.01	114316 12 1.7
		09.97- 09.01	115835	14	120		
		09.97- 09.01	116170	14	120		
911 3.4 Carrera 4	[M96.01]	09.97- 09.01	115678	14	150	06.97- 09.01	114316 12 1.7
		09.97- 09.01	115835	14	120		
		09.97- 09.01	116170	14	120		
	[M96.02]					05.01-	114316 12 1.7
	[M96.04]	09.97- 09.01	115678	14	150	06.97- 09.01	114316 12 1.7
		09.97- 09.01	115835	14	120		
		09.97- 09.01	116170	14	120		
911 3.6	[M96.03]	10.01- 08.05	115678	14	150	10.01-	114316 12 1.7
		10.01- 08.05	115835	14	120		
		10.01- 08.05	116170	14	120		
	[M96.05]	07.04- 12.08	115678	14	150	07.04- 12.08	114316 12 1.7
911 3.6 4	[M96.05]	04.05- 12.08	115678	14	150	04.05- 12.08	114316 12 1.7
911 3.6 Carrera	[M64.05]	10.93-	112693	14	115 A49		
	[M64.06]	10.93-	112693	14	115 A49		
	[M64.07]	10.93- 08.95	112693	14	115 A49		
	[M64.08]	10.93- 08.95	112693	14	115 A49		
	[M64.21]	08.95- 09.97	112693	14	115 A49		
	[M64.22]	08.95- 09.97	112693	14	115 A49		
	[M64.23]	08.95- 09.97	112693	14	115 A49		
	[M64.24]	08.95- 09.97	112693	14	115 A49		
	[M96.05]	04.05- 12.08	115678	14	150	04.05-	114316 12 1.7
911 3.6 Carrera 2	[M64.01]	07.89- 05.94	112693	14	115 A49		
	[M64.02]	07.89- 05.94	112693	14	115 A49		
911 3.6 Carrera 4	[M64.01]	12.88- 09.93	112693	14	115 A49		
	[M64.05]	07.94-	112693	14	115 A49		
	[M64.07]	07.94-	112693	14	115 A49		
	[M64.21]	08.95- 09.97	112693	14	115 A49		
	[M64.23]	08.95- 09.97	112693	14	115 A49		
	[M96.03]	10.01- 08.05	115678	14	150	10.01-	114316 12 1.7
		10.01- 08.05	115835	14	120		
		10.01- 08.05	116170	14	120		
	[M96.05]	07.04-	115678	14	150	07.04-	114316 12 1.7
911 3.6 Carrera RS	[64.03]	06.91- 09.93	112693	14	115 A49		
911 3.6 Carrera Targa	[M64.21]	08.95- 09.97	112693	14	115 A49		
	[M64.22]	08.95- 09.97	112693	14	115 A49		
911 3.6 GT2	[M96.70]	04.01- 08.05	115835	14	120		
911 3.6 GT3	[M96.76]	03.99- 08.05	116170	14	120		
	[M96.79]	03.03- 08.05	116170	14	120		
911 3.6 Targa	[M96.03]	12.01- 08.05	115835	14	120	12.01-	114316 12 1.7
		12.01- 08.05	116170	14	120		
911 3.6 M96.05 Carrera 4	[M96.05]	04.05- 12.08	115678	14	150	04.05-	114316 12 1.7
911 3.6 S Carrera	[M96.03]	06.02- 08.05	115835	14	120	06.02-	114316 12 1.7
		06.02- 08.05	116170	14	120		
		02.03-	115678	14	150		
911 3.6 S Carrera 4	[M96.03]	06.02- 08.05	115835	14	120	06.02-	114316 12 1.7
		06.02- 08.05	116170	14	120		
		02.03- 08.05	115678	14	150		
911 3.6 Turbo	[M64.50]	01.93- 09.93	112693	14	115 A49		
	[M64.60]	03.95-	112693	14	115 A49		
	[M64.60R]	03.95- 09.97	112693	14	115 A49		
	[M96.70]	10.03- 08.05	115835	14	120		
		10.03- 08.05	116170	14	120		
911 3.6 Turbo 4S	[M96.70]	10.03- 08.05	115835	14	120		
		10.03- 08.05	116170	14	120		
911 3.6 Turbo S	[M96.70]	02.03- 08.05	115678	14	150	02.03- 08.05	114316 12 1.7
		02.03- 08.05	115835	14	120		
		02.03- 08.05	116170	14	120		
911 3.8 4S	[M97.01]	09.05- 12.08	115678	14	150	09.05- 12.08	114316 12 1.7



911 3.8 Carrea RS	[M64.20]	09.94-	112693	14	115	A49			
911 3.8 Carrera	[M64.21S]	08.95- 09.97	112693	14	115	A49			
	[M97.01]	11.06- 12.08	115678	14	150		11.06-	114316	12 1.7
911 3.8 Carrera 4S	[M97.01]	07.04- 12.08	115678	14	150		07.04-	114316	12 1.7
911 3.8 Carrera RS	[M64.21S]	09.94- 08.97	112693	14	115	A49			
911 3.8 Carrera RS 4	[M64.21S]	09.94-	112693	14	115	A49			
		08.95- 09.97	111009	28	35				
911 3.8 Carrera S	[M97.01]	04.05- 12.08	115678	14	150		07.04-	114316	12 1.7
911 3.8 Carrera Targa	[M64.20S]	05.96-	112693	14	115	A49			
911 3.8 S	[M97.01]	07.04- 12.08	115678	14	150		07.04- 12.08	114316	12 1.7
911 3.8 S4	[M97.01]	04.05- 12.10	115678	14	150		04.05- 12.10	114316	12 1.7
914 1.7	[W]	07.74-	110931	14	70		01.69- 10.73	110363	12 0.7
914 1.8	[AN]						08.73- 08.74	110363	12 0.7
914 2.0	[GB]	07.74-	110931	14	70		10.69- 08.74	110363	12 0.7
924 2.0	[XJ]	11.75- 08.85	111139	14	75				
924 2.0 Turbo	[M31.01]	11.78- 06.80	111139	14	75				
	[M31.03]	06.80- 10.86	111139	14	75				
911 Speedster 3.6 Carrera	[M64.01]	08.92- 06.94	112693	14	115	A49			
	[M64.02]	08.92- 06.94	112693	14	115	A49			
911 Targa 3.6 Carrera	[M64.01]	12.88- 09.93	112693	14	115	A49			
	[M64.02]	12.88- 09.93	112693	14	115	A49			
911 Targa 3.6 Carrera 4	[M64.01]	12.88- 09.93	112693	14	115	A49			
Boxster 2.5	[M96.20]	09.96- 08.99	116170	14	120		09.96- 08.99	115942	12 1.1
							09.96- 08.99	114316	12 1.7
Boxster 2.7	[M96.22]	08.99- 07.02	115835	14	120		08.99- 07.02	114316	12 1.7
		08.99- 07.02	116170	14	120		08.99- 07.02	115942	12 1.1
	[M96.25]	11.04- 12.06	115678	14	150		11.04-	114316	12 1.7
	[M97.20]						07.06- 12.08	114316	12 1.7
		06.99- 12.02	116170	14	120		06.99- 12.02	115942	12 1.1
Boxster 2.7 24V	[M96.23]	07.02-	115835	14	120		07.02-	114316	12 1.7
		07.02-	116170	14	120		07.02-	115942	12 1.1
Boxster 3.2	[M96.21]	08.99- 07.02	115835	14	120		08.99- 07.02	114316	12 1.7
		08.99- 07.02	116170	14	120		08.99- 07.02	115942	12 1.1
Boxster 3.2 S	[M96.24]	07.02-	115835	14	120		07.02-	114316	12 1.7
		07.02-	116170	14	120		07.02-	115942	12 1.1
	[M96.26]						11.04-	114316	12 1.7
Boxster 3.4 S	[M97.21]						07.06-	114316	12 1.7
Carrera 5.7 GT	[M80.01]	07.03- 12.06	115678	14	150		07.03-	114316	12 1.7
Cayenne 3.0 Diesel	[M05.9E]						06.10-	115559	12 1.4
							06.10-	116054	12 1.4 A49
	[MCN.RB]						06.10-	115559	12 1.4
	[MCR.C]						06.11-	116000	12 2.0
	[MCR.CB]						06.10-	116000	12 2.0
Cayenne 3.2	[M02.2Y]	10.03- 09.07	116173	14	150		10.03- 09.07	116039	12 1.7
Cayenne 3.6	[M55.01]						02.07-	116039	12 1.7
Cayenne 4.5 S	[M48.00]						09.02-	114477	12 1.7
Cayenne 4.5 Turbo	[M48.50]						09.02-	114477	12 1.7
Cayenne 4.5 Turbo S	[M48.50]						03.06-	114477	12 1.7
	[M48.50S]						01.04-	114477	12 1.7
Cayman 2.7	[M97.20]						07.06-	114316	12 1.7
Cayman 3.4 S	[M97.21]	11.05-	115678	14	150		11.05-	114316	12 1.7
Macan 2.0	[MCN.CC, MCV.NA]						07.14-	115394	12 1.1
	[MCY.NA]						07.14-	115394	12 1.1
Macan 3.0 Diesel	[MCT.BA]						02.14-	115948	12 2.2
	[MCT.BB]						02.14-	115948	12 2.2
	[MCT.BC]						02.14-	115948	12 2.2
Panamera 3.0 4S	[MCW.DA]						A25 07.13-	115998	12 1.8
Panamera 3.0 S	[MCW.DA]						A25 07.13-	115998	12 1.8
Panamera 3.0 Hybrid	[MCG.EA]						A25 03.11-	115998	12 1.8
							03.11-	111911	12 1.4
	[MCG.FA]						A25 03.11-	115998	12 1.8
							03.11-	111911	12 1.4
Panamera 3.0 Hybrid	[MCG.EA]						A25 03.11-	115998	12 1.8
	[MCG.FA]						A25 03.11-	115998	12 1.8
Panamera 3.0 Diesel	[MCR.CB]						A25 08.11-	115998	12 1.8
	[MCR.CC]						A25 08.11-	115998	12 1.8
Panamera 3.6	[M46.20]						A25 05.10-	115998	12 1.8
	[M46.40]						A25 05.10-	115998	12 1.8
	[MCW.AA]						A25 07.13-	115998	12 1.8
Panamera 3.6 4	[MCW.AA]						A25 07.13-	115998	12 1.8
	[MCX.NA]						A25 07.13-	115998	12 1.8
Panamera 4.8 4S	[M48.40]						A25 09.09-	115998	12 1.8
Panamera 4.8 GTS	[M48.40]						A25 01.12-	115998	12 1.8
Panamera 4.8 S	[M48.20]						A25 09.09-	115998	12 1.8
Panamera 4.8 Turbo	[M48.70]						A25 09.09-	115998	12 1.8
	[MCW.CA]						A25 01.14-	115998	12 1.8
Proton									
PASSENGER CARS EU									
Aeroback 1.5							01.91- 11.96	110315	12 0.9
Persona 313 1.3 i	[G13B]	03.96-	111375	14	75				
Persona 315 1.5 GLi / GLSi	[4G15M]	03.96-	111309	14	75		12.95-	110158	12 1.2
							03.96-	110315	12 0.9
Persona 315 1.5 GLSi	[G15B]	09.96-	111309	14	75				
Persona 316 1.6	[4G92]	03.96-	111309	14	75		03.96-	110315	12 0.9
Persona 316 1.6 GLXi	[4G92]	03.96-	111309	14	75				
Persona 318 1.8 GTi 16V	[4G93]	03.96-	111375	14	75				
Persona 413 1.3	[4G13]						01.94-	110315	12 0.9
Persona 413 1.3 GLSi	[4G13]						01.94-	110315	12 0.9
Persona 415 1.5	[4G15]	01.94-	111309	14	75		01.94-	110315	12 0.9
Persona 416 1.6 GLXi	[4G92]	01.94-	111309	14	75		01.94-	110315	12 0.9
		AT 01.94-	111375	14	75				
Persona 416 1.6 i	[4G92]	12.95-	111375	14	75		12.95-	110315	12 0.9
		AT 12.95-	111309	14	75				
Persona 418 1.8	[4G93 (DOHC)]	05.96-	111375	14	75				
Persona 418 1.8 GLXi	[4G93]	05.96-	111375	14	75				
Persona 420 2.0 Diesel	[4D68T]						09.96-	110809	12 2.0
							09.96-	111912	12 2.2

STARTERS & ALTERNATORS



PROTON *Continued*

Persona 420 2.0 Diesel GLS	[4D68]	05.96-	111375	14 75		05.96- 05.96-	110809 111912	12 2.0 12 2.2
Saloon 1.5						01.91- 11.96	110315	12 0.9
Satria 1.5	[4G15]	07.00-	111375	14 75				
Wira 1.3	[4G13]	08.00-	111375	14 75				
Wira 1.5	[4G15]	08.00-	111375	14 75				
	[4G15M]	08.00-	111375	14 75				
Puch (Steyr-Daimler)								
PASSENGER CARS EU								
230 GE 2.3	[M102.981] [M102.987]					04.82- 08.85 09.85- 08.92	110862 110862	12 1.5 12 1.5
250 GD 2.5	[OM602.930]					10.87- 12.92	114319	24 2.5
300 GD 3.0	[OM603.931]					09.89-	114319	24 2.5
G 290 td 2.9	[OM602.983]					07.97-	114319	24 2.5
Renault								
PASSENGER CARS EU								
Avantime 2.0 Turbo 16V	[F4R760] [F4R761]	09.01- 12.03	113245	14 125		11.01- 05.03 11.01- 05.03	114814 114814	12 0.9 12 0.9
Avantime 2.2 DCi	[G9T712]	12.01- 12.03	113245	14 125		05.02-	112475	12 2.1
Avantime 3.0 V6	[L7X720] [L7X721]					09.01- 05.03	115354	12 1.3 12 1.3
Captur 0.9 TCe 90	[H4B400]	06.13-	116095*	14 90				
Captur 1.5 dCi	[K9K608]	06.13-	116363*	14 120		06.13- 06.13-	115624 113897	12 1.2 12 1.4
	[K9K609]	06.13-	116363*	14 120		06.13-	113897	12 1.4
Captur 1.5 DCi 110	[K9K646]	01.15-	116363*	14 120		01.15-	113897	12 1.4
Clio 0.9 Tce 90	[H4B400]	01.14-	116095*	14 90				
	[H4B408]	01.14-	116240*	12 125				
	[H4B408]	01.14-	116095*	14 90				
	[H4B408]	01.14-	116240*	12 125				
Clio 0.9 TCe 90	[H4B400]	11.12-	116095*	14 90				
Clio 0.9 TCe Grandtour 90	[H4B400]	01.13-	116095*	14 90				
Clio 1.0		06.01- 04.05	113403	14 75		06.01- 04.05	111641	12 0.7
Clio 1.1	[C1E700]	06.90- 03.96	111082	14 60		06.90- 03.96	110585	12 1.2
		06.90- 03.96	112728	14 55				
	[D7F720]	03.98- 09.99	112165	14 75		03.98-	111641	12 0.7
	[D7F746]	09.98-	113403	14 75		10.99-	111641	12 0.7
Clio 1.1 Hi-Flex	[D4F740]	07.08-	114131	14 90 BO		07.08-	111641	12 0.7
		07.08-	115653	14 110				
		07.08-	116368*	14 90 VA				
Clio 1.2	[C3G720]	09.95- 03.96	111082	14 60		01.96- 12.96	110585	12 1.2
		09.95- 03.96	112728	14 55		06.94- 02.98	111251	12 1.1
	[D4F706]	06.01- 10.03	113403	14 75		06.01- 10.03	111641	12 0.7
		06.01- 10.03	115549	14 95		06.01- 10.03	114095	12 0.85
	[D7F720]	03.98- 09.99	112165	14 75		03.98-	111641	12 0.7
		09.98-	113577	14 75				
	[D7F726]	09.98-	113577	14 75		10.99-	111641	12 0.7
		10.99- 03.00	112165	14 75				
	[D7F730]	01.96- 09.98	113577	14 75		04.96- 09.98	111641	12 0.7
		04.96- 09.98	112165	14 75				
	[D7F746]	05.00-	113403	14 75		09.98-	111641	12 0.7
		09.98- 10.99	112165	14 75				
		09.98-	113577	14 75				
	[D7F764]	09.98-	112165	14 75		09.98-	111641	12 0.7
		09.98-	113577	14 75				
	[D7F766]	09.98-	112165	14 75		09.98-	111641	12 0.7
		09.98-	113577	14 75				
	[E5F710]					05.90- 03.96	110585	12 1.2
	[E7F700]					06.90- 03.94	111251	12 1.1
	[E7F706]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		01.91- 02.98	112756	14 60				
	[E7F708]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	[E7F750]	01.94- 02.98	111325	14 70		01.94- 02.98	111251	12 1.1
		01.94- 02.98	112756	14 60				
Clio 1.2 16V	[D4F706]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F712]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F714]	06.01-	113403	14 75		03.00-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F722]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F728]	06.01-	113403	14 75		06.01-	111641	12 0.7
		06.01-	115549	14 95				
	[D4F740]	06.05-	113403	14 75		06.05-	114095	12 0.85
		06.05-	114131	14 90 BO		06.05-	111641	12 0.7
		06.05-	115653	14 110				
		06.05-	116368*	14 90 VA				
	[D4F764]	06.05-	113403	14 75		06.05-	111641	12 0.7
		06.05-	114131	14 90 BO				
		06.05-	115653	14 110				
		06.05-	116368*	14 90 VA				
	[D4F784]	05.07-	114131	14 90 BO		05.07-	111641	12 0.7
		05.07-	115653	14 110				
		05.07-	116368*	14 90 VA				
	[D4F786]	09.10-	114131	14 90 BO		09.10-	111641	12 0.7
		09.10-	115653	14 110				
		09.10-	116368*	14 90 VA				
		01.14-	116368*	14 90 VA		01.14-	111641	12 0.7
		01.14-	116205*	12 90				
		01.14-	115653	14 110				
		01.14-	114131	14 90 BO				
Clio 1.2 16V Grandtour	[D4F740]	11.12-	115653	14 110		11.12-	111641	12 0.7
	[D4F786]	09.10-	114131	14 90 BO		09.10-	111641	12 0.7
		09.10-	115653	14 110				
		09.10-	116368*	14 90 VA				



Clio 1.2 i	[C3G720]	09.95- 03.96	111082	14 60		09.95- 03.96	110585	12 1.2
		09.95- 03.96	112728	14 55				
Clio 1.2 LPG 16V	[D4F740]	11.12-	114131	14 90 BO		11.12-	111641	12 0.7
		11.12-	115653	14 110				
		11.12-	116205*	12 90				
		11.12-	116368*	14 90 VA				
Clio 1.2		07.08-	116368*	14 90 VA		07.08-	111641	12 0.7
		07.08-	115653	14 110				
		07.08-	114131	14 90 BO				
Clio 1.2 16V Hi-Flex	[D4F740]	07.08-	114131	14 90 BO		07.08-	111641	12 0.7
		07.08-	115653	14 110				
		07.08-	116368*	14 90 VA				
		07.08-	114131	14 90 BO		07.08-	111641	12 0.7
	[D4F742]	07.08-	114131	14 90 BO		07.08-	111641	12 0.7
		07.08-	115653	14 110				
		07.08-	116368*	14 90 VA				
		07.08-	114131	14 90 BO				
Clio 1.4	[E7J601]	01.91- 09.98	111325	14 70		01.91- 09.98	111251	12 1.1
		01.91- 09.98	112756	14 60				
		PS 01.91- 09.98	111325	14 70				
	[E7J634]					09.98- 05.05	115442	12 0.8
	[E7J718]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	PS 06.91- 02.98	111325	14 70					
		06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
	[E7J719]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	PS 06.91- 02.98	111325	14 70					
		06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
	[E7J754]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	PS 06.91- 02.98	111325	14 70					
		04.96- 02.98				04.96- 02.98	111251	12 1.1
[E7J757]					04.96- 02.98	111251	12 1.1	
[E7J780]					09.98- 05.05	115442	12 0.8	
[K7J700]					09.98- 05.05	115442	12 0.8	
Clio 1.4 16V	[K4J710]	08.00-	112144	14 98		08.00-	112218	12 1.0
		08.00-	112199	14 75				
	[K4J711]	08.00-	112144	14 98		08.00-	112218	12 1.0
		08.00-	112199	14 75				
	[K4J712]	10.99-	112199	14 75		10.99-	112218	12 1.0
		PS 10.99-	112199	14 75		10.99- 08.00	115442	12 0.8
	AC 10.99-	112144	14 98					
		10.99-	112199	14 75		10.99-	112218	12 1.0
	[K4J713]	PS 10.99-	112199	14 75		10.99- 08.00	115442	12 0.8
		AC 10.99-	112144	14 98				
[K4J780]	06.05-	114463	14 120		06.05-	114057	12 1.1	
	AC 06.05-	115382	14 120					
Clio 1.4 i	[E7J601]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
		06.90- 02.98	112756	14 60				
	[E7J710]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
	06.90- 02.98	112756	14 60					
	[E7J711]	06.90- 02.98	111325	14 70		06.90- 02.98	111251	12 1.1
06.90- 02.98	112756	14 60						
Clio 1.5 dCi	[K9K608]	11.12-	116363*	14 120		11.12-	115624	12 1.2
		06.01-	114673	14 120		06.01-	113927	12 1.4
	AC 06.01-	112457	14 110					
		113248	14 120					
	AC 06.01-	114673	14 120					
		06.01-	112457	14 110		06.01- 10.03	113927	12 1.4
	[K9K702]	06.01-	113248	14 120				
		06.01- 10.03	113862	14 125 A49				
		06.01- 10.03	113940	14 110 A49, A47				
		06.01- 10.03	114673	14 120				
		06.01- 10.03	116325*	14 125				
	[K9K704]	06.01- 12.06	112457	14 110		06.01- 12.06	113927	12 1.4
		06.01-	114673	14 120				
		AC 06.01-	113248	14 120				
	AC 06.01- 12.06	114673	14 120					
		06.01- 10.04	113862	14 125 A49		06.01- 10.04	113927	12 1.4
	[K9K710]	06.01- 10.04	113940	14 110 A49, A47				
		06.01- 10.04	114673	14 120				
		06.01- 10.04	116325*	14 125				
	[K9K712]	01.04-	113940	14 110 A49, A47		01.04-	113897	12 1.4
		01.04-	113945	14 150				
	[K9K714]	06.05-	114463	14 120		06.05-	113897	12 1.4
		06.05-	114721	14 150 A49				
		06.05-	116323*	14 150				
	[K9K718]	02.07-	114673	14 120		02.07-	113897	12 1.4
	[K9K740]	06.05-	114463	14 120		06.05-	113927	12 1.4
		06.05-	114721	14 150 A49				
		06.05-	116323*	14 150				
	[K9K752]	05.05- 10.06	114463	14 120		06.05-	113897	12 1.4
		06.05-	114721	14 150 A49		05.05- 10.06	113927	12 1.4
		06.05-	116323*	14 150				
	[K9K764]	06.05-	114463	14 120		06.05-	113897	12 1.4
		06.05-	114721	14 150 A49				
		06.05-	116323*	14 150				
	[K9K766]	06.05-	114463	14 120		06.05-	113897	12 1.4
		06.05-	114721	14 150 A49				
06.05-		116323*	14 150					
[K9K768]	06.05-	114463	14 120		06.05-	113897	12 1.4	
	06.05-	114721	14 150 A49					
	06.05-	116323*	14 150					
[K9K770]	08.10-	114463	14 120		08.10-	113927	12 1.4	
	08.10-	114721	14 150 A49		08.10-	113897	12 1.4	
	08.10-	116323*	14 150					

STARTERS & ALTERNATORS



Application list

RENAULT Continued

	[K9K772]	06.05-	114463	14 120		06.05-	113897	12 1.4
		06.05-	114721	14 150 A49				
		06.05-	116323*	14 150				
		08.10- 12.14	116323*	14 150		08.10- 12.14	113897	12 1.4
		08.10- 12.14	114721	14 150				
Clio 1.5 DCi 110	[K9K646]	06.16-	116363*	14 120		06.16-	113897	12 1.4
Clio 1.5 DCi 75	[K9K612]					01.14-	113897	12 1.4
Clio 1.5 DCi 90	[K9K608]	01.14-	116363*	14 120		01.14-	115624	12 1.2
						01.14-	113897	12 1.4
Clio 1.5 dCi Grandtour	[K9K608]	11.12-	116363*	14 120		11.12-	115624	12 1.2
						11.12-	113897	12 1.4
	[K9K612]	11.12-	113987	14 140				
		11.12-	116363*	14 120				
Clio 1.5 Diesel	[K9K714]	08.04-	113862	14 125 A49		08.04-	113897	12 1.4
		08.04-	113940	14 110 A49, A47				
		08.04-	113945	14 150				
		08.04-	114463	14 120				
		08.04-	116325*	14 125				
Clio 1.6	[K7M744]	10.99-	112199	14 75		11.99-	112295	12 1.7
						09.98-	115442	12 0.8
		AC 10.99-	112144	14 98		03.98- 05.05	111251	12 1.1
	[K7M745]	10.99-	112199	14 75		09.98- 05.05	115442	12 0.8
						03.98- 05.05	111251	12 1.1
		AC 10.99-	112144	14 98		11.99-	112295	12 1.7
Clio 1.6 Flex		05.00- 12.06	112199	14 75		05.00- 12.06	112218	12 1.0
		05.00- 12.06	112144	14 98				
Clio 1.6 RS	[M5M400]					03.13-	115341	12 1.0
	[M5M450]					03.13-	115341	12 1.0
Clio 1.6 RS Trophy						03.15-	115341	12 1.0
Clio 1.6 16V	[K4M708]	08.00-	112144	14 98		08.00-	112218	12 1.0
		08.00-	112199	14 75				
		09.98-	115711	14 120				
	[K4M740]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
		09.98-	115711	14 120				
	[K4M742]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
		09.98-	115711	14 120				
	[K4M743]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
		09.98-	115711	14 120				
	[K4M744]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
		09.98-	115711	14 120				
	[K4M745]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
		09.98-	115711	14 120				
	[K4M748]	09.98-	112144	14 98		09.98-	112218	12 1.0
		09.98-	112199	14 75				
		09.98-	115711	14 120				
	[K4M800]	06.05-	112144	14 98		06.05-	114057	12 1.1
		06.05-	114463	14 120				
		06.05-	115382	14 120				
	[K4M801]	06.05-	114463	14 120		02.08-	114057	12 1.1
		06.05-	115382	14 120				
	[K4M804]	06.05-	112144	14 98		06.05-	114057	12 1.1
		06.05-	114463	14 120				
		06.05-	115382	14 120				
	[K4M862]	11.08-	115411	14 110		11.08-	114057	12 1.1
Clio 1.6 16V GT	[K4M862]	06.09-	115411	14 110		06.09-	115842	12 1.0
						06.09-	114057	12 1.1
						06.09-	115728	12 1.2
Clio 1.6 Hi-Flex	[K4M748]	01.05- 02.10	112144	14 98		01.05- 02.10	112218	12 1.0
		01.05- 02.10	112199	14 75		01.05- 02.10	113932	12 0.85
Clio 1.7	[F2N770]					06.90- 03.96	110585	12 1.2
Clio 1.8	[F3P710]					06.90- 07.94	110585	12 1.2
						06.90- 02.98	111251	12 1.1
	[F3P714]					06.90- 07.94	110585	12 1.2
						06.90- 04.96	111251	12 1.1
	[F3P754]					01.94- 02.98	111251	12 1.1
	[F3P755]					01.94- 02.98	111251	12 1.1
Clio 1.8 RSi	[F3P758]					01.94- 02.98	111251	12 1.1
Clio 1.8 16V	[F7P722]					A13 03.91- 02.96	112295	12 1.7
						08.91- 03.96	110585	12 1.2
						03.91- 02.96	113481	12 1.4
Clio 1.8 i	[F3P712]					01.93- 08.95	110585	12 1.2
						07.92- 03.96	111251	12 1.1
Clio 1.9 Diesel	[F8Q630]	03.98-	111718	14 75		09.98-	112295	12 1.7
		03.98-	112059	14 110		03.98-	113481	12 1.4
		AC 03.98-	112059	14 110				
	[F8Q676]					05.96- 02.98	113481	12 1.4
	[F8Q678]					01.97-	112295	12 1.7
						01.97-	113481	12 1.4
	[F8Q696]					05.96- 02.98	113481	12 1.4
	[F8Q730]	06.90- 04.91	112769	14 60		06.90- 03.96	113481	12 1.4
						06.90- 02.98	112295	12 1.7
	[F8Q732]	06.90- 04.91	112769	14 60		06.90- 02.98	113481	12 1.4
						06.90- 02.98	112295	12 1.7
Clio 1.9 DTi	[F9Q780]	11.99-	111718	14 75		02.00-	112295	12 1.7
		11.99-	112470	14 110				
Clio 2.0 16V	[F4R736]	06.01-	111718	14 75				
		AC 06.01-	112059	14 110				
	[F7R700]					01.94- 09.98	112295	12 1.7
						07.92- 03.96	113481	12 1.4
	[M4R700]					09.06-	115341	12 1.0
	[M4R701]					09.06-	115341	12 1.0
Clio 2.0 16V Sport	[F4R730]	02.00-	112059	14 110		02.00-	113761	12 0.9



	[F4R738]	01.04-	111718	14	75				
	[F4R830]							02.06-	114814 12 0.9
								02.06-	115698 12 1.1
Clio 3.0 V6 Sport	[L7X760]							11.00- 12.02	115354 12 1.3
	[L7X762]							12.02-	115354 12 1.3
Clio Grandtour 1.5 DCi 110	[K9K646]	06.16-	116297*	14	150			06.16-	113897 12 1.4
		06.16-	116363*	14	120				
Espace 1.9 DCi	[F9Q680]							11.02-	112474 12 1.8
	[F9Q820]							11.02-	112474 12 1.8
	[F9Q826]							11.02-	112474 12 1.8
Espace 1.9 DTi	[F9Q722]	AC 02.99-	111719#	14	120			02.99-	113481 12 1.4
		AC 02.99-	112458	14	120 A47				
Espace 2.0	[F3R728]	PS 11.96- 10.00	111722	14	75			11.96- 06.97	111251 12 1.1
		AC 11.96- 10.00	112679	14	110				
	[F3R729]	11.96- 10.00	112679	14	110			11.96- 10.97	111251 12 1.1
		PS 11.96- 10.00	111722	14	75				
		AC 11.96- 10.00	112679	14	110				
	[F3R742]	11.96- 10.00	113403	14	75			02.98- 10.02	111251 12 1.1
	[F3R768]	11.96- 10.00	113403	14	75			10.96- 10.02	111251 12 1.1
	[F3R769]	11.96- 10.00	113403	14	75			10.96- 10.02	111251 12 1.1
	[F4R700]	AC 09.01- 10.02	112144	14	98				
	[F4R701]	09.01- 10.02	112144	14	98				
	[F4R790]							11.02- 02.05	114814 12 0.9
	[F4R792]							11.02-	114814 12 0.9
	[F4R796]							04.05-	114814 12 0.9
								04.05-	115698 12 1.1
	[F4R797]							04.05-	114814 12 0.9
								04.05-	115698 12 1.1
	[F4R896]							04.05-	114814 12 0.9
								04.05-	115698 12 1.1
	[F4R897]							04.05-	114814 12 0.9
								04.05-	115698 12 1.1
	[J6R234]							07.84- 12.87	111063 12 1.2
	[J6R236]							07.86- 12.90	111063 12 1.2
	[J6R734]							01.88- 04.91	111063 12 1.2
	[J7R768]	AC 04.91- 10.96	111319	14	105			04.91- 10.96	111063 12 1.2
Espace 2.0 16V	[F4R700]	10.98-	112144	14	98				
		10.98-	112199	14	75				
		AC 10.98-	111718	14	75				
	[F4R701]	AC 07.00- 10.02	112144	14	98				
Espace 2.0 i	[J7R760]							01.89- 04.91	111063 12 1.2
Espace 2.0 i 4x4	[J7R760]							03.88- 04.91	111063 12 1.2
Espace 2.0 Turbo	[F4R794]							11.02-	114814 12 0.9
	[F4R795]							11.02-	114814 12 0.9
	[F4R796]							11.02-	114814 12 0.9
	[F4R797]							11.02-	114814 12 0.9
	[F4R896]							06.05-	114814 12 0.9
	[F4R897]							06.05-	114814 12 0.9
Espace 2.0 DCi	[M9R740]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R750]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R760]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R761]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R762]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R763]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R802]	01.06-	114509	14	150				
		01.06-	114670	14	210				
		01.06-	116216	14	210				
	[M9R815]	01.06-	114509	14	150			01.06-	114074 12 2.2
		01.06-	114670	14	210				
		01.06-	116216	14	210				
Espace 2.1 TD	[J8S610]	AC 06.92- 08.96	111319	14	105				
	[J8S612]	AC 11.94- 08.96	111319	14	105				
	[J8S772]	AC 01.91- 10.93	111319	14	105				
	[J8S776]	AC 01.91- 08.96	111319	14	105				
	[J8S778]	AC 06.92- 08.96	111319	14	105				
Espace 2.2	[J7T770]							07.86- 12.90	111063 12 1.2
	[J7T772]	AC 01.91- 10.96	111319	14	105			01.91- 10.96	111063 12 1.2
	[J7T773]	AC 01.91- 10.96	111319	14	105			01.91- 10.96	111063 12 1.2
	[J7T776]	AC 05.93- 10.96	111319	14	105			05.93- 10.96	111063 12 1.2
Espace 2.2 4x4	[J7T770]							01.88- 12.90	111063 12 1.2
	[J7T772]	AC 03.91- 12.96	111319	14	105			03.91- 12.96	111063 12 1.2
	[J7T773]	AC 03.91- 12.96	111319	14	105			03.91- 12.96	111063 12 1.2
Espace 2.2 DCi	[G9T642]	10.00-	112471	14	125			10.00-	112475 12 2.1
		10.00-	113245	14	125				
	[G9T645]							02.06-	114161 12 2.4
	[G9T710]	10.00-	112471	14	125			10.00-	112475 12 2.1
		10.00-	113245	14	125				
	[G9T742]							11.02-	114161 12 2.4
	[G9T743]							11.02-	114161 12 2.4
Espace 2.2 TD	[G8T714]	11.96- 10.02	112679	14	110				
	[G8T716]	11.96- 10.02	112679	14	110				
	[G8T760]	11.96- 10.00	112679	14	110				
Espace 3.0 DCi	[P9X701]							11.02-	114526 12 2.0
	[P9X715]	01.06-	115704	14	150			01.06-	114526 12 2.0
		01.06-	115813	14	150				

STARTERS & ALTERNATORS



Application list

RENAULT Continued

Espace 3.5 V6	[V4Y711]	11.02-	114301	14 150	11.02-	115686	12 1.4
	[V4Y715]				11.02-	115686	12 1.4
Fluence 1.5 DCi	[K9K826]	07.14-	114463	14 120	07.14-	113897	12 1.4
		07.14-	114721	14 150 A49			
		07.14-	115651	14 210			
		07.14-	116323*	14 150			
	[K9K830]	02.10-	114721	14 150 A49	02.10-	113897	12 1.4
		02.10-	116323*	14 150			
	[K9K832]	06.05-	114721	14 150 A49	06.05-	113897	12 1.4
		06.05-	115651	14 210			
		06.05-	116323*	14 150			
	[K9K834]	02.10-	114721	14 150 A49	02.10-	113897	12 1.4
		02.10-	116323*	14 150			
	[K9K836]	02.10-	114721	14 150 A49	02.10-	113897	12 1.4
		02.10-	115651	14 210			
02.10-		116323*	14 150				
02.10-		114721	14 150 A49				
[K9K837]	02.10-	114721	14 150 A49	02.10-	113897	12 1.4	
	02.10-	115651	14 210				
	02.10-	116323*	14 150				
Fluence 1.6 16V	[K4M838]	02.10-	114463	14 120	02.10-	113932	12 0.85
	[K4M839]	02.10-	114463	14 120	02.10-	113932	12 0.85
		02.10-	115382	14 120			
Fluence 1.6 LPG 16V	[K4M839]	01.12-	114463	14 120	01.12-	113932	12 0.85
Fluence 1.6 DCi	[R9M402]	07.14-	114826	14 185 A49	07.14-	115829	12 1.8
		07.14-	116324*	14 150			
Fuego 1.4	[847720]				10.81- 06.85	110856	12 0.6
Fuego 1.6	[A2M723]	04.83- 10.85	111082	14 60			
Fuego 2.0	[829710]				10.80- 10.85	111063	12 1.2
	[J6R710]				10.80- 10.85	111063	12 1.2
	[J6R712]				10.80- 10.85	111063	12 1.2
	[J6R713]				10.80- 10.85	111063	12 1.2
	[J6R715]				10.80- 10.85	111063	12 1.2
	[J6R726]				10.80- 10.85	111063	12 1.2
Grand Kangoo 1.2 TCe TCe 115	[H5F400]	07.13-	115356	14 150			
		07.13-	115921	14 120			
Grand Kangoo 1.5 dCi	[K9K608]	11.12-	114721	14 150 A49	11.12-	113897	12 1.4
		11.12-	116323*	14 150			
		11.12-	114721	14 150 A49			
	[K9K802]	11.12-	114721	14 150 A49	11.12-	113897	12 1.4
		11.12-	116323*	14 150			
	[K9K804]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4
02.08-		116323*	14 150				
11.12-		114721	14 150 A49				
[K9K808]	11.12-	114721	14 150 A49	11.12-	113897	12 1.4	
	11.12-	116323*	14 150				
Grand Kangoo 1.5 DCi 110	[K9K636]	03.13-	114463	14 120	03.13-	113897	12 1.4
		03.13-	115431	14 150 A49			
		03.13-	116355*	14 150			
Grand Kangoo 1.6 LPG	[K4M834]	12.08-	114882	14 110	12.08-	113932	12 0.85
Grand Scénic 1.2 Tce 115	[H5F408]	09.16-	116240*	12 125			
Grand Scénic 1.2 Tce 130	[H5F408]	09.16-	116240*	12 125			
Grand Scénic 1.2 TCe	[H5F400]	04.12-	115356	14 150			
		04.12-	115921	14 120			
	[H5F404]	01.13-	115356	14 150			
		01.13-	115921	14 120			
Grand Scénic 1.3 TCe 115	[H5H450]	01.18-	116225*	12 150			
Grand Scénic 1.3 TCe 140	[H5H450]	01.18-	116225*	12 150			
Grand Scénic 1.3 TCe 160	[H5H450]	01.18-	116225*	12 150			
Grand Scénic 1.4 16V	[H4J700]				02.09-	115685	12
Grand Scénic 1.5 DCi	[K9K636]	04.09-	114463	14 120	04.09-	113897	12 1.4
		04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323*	14 150			
	[K9K728]	04.04-	113940	14 110 A49, A47	04.04-	113897	12 1.4
		04.04-	113945	14 150			
	[K9K729]	04.04-	113940	14 110 A49, A47	04.04-	113897	12 1.4
		04.04-	113945	14 150			
	[K9K734]	06.06- 11.08	114354	14 150	06.06- 11.08	113897	12 1.4
		06.06- 11.08	115651	14 210			
	[K9K830]	04.09-	114721	14 150 A49	04.09-	113897	12 1.4
		04.09-	116323*	14 150			
	[K9K832]	02.09-	113940	14 110 A49, A47	02.09-	113897	12 1.4
		02.09-	113945	14 150			
		02.09-	115651	14 210			
	[K9K836]	04.09-	114463	14 120	04.09-	113897	12 1.4
		04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323*	14 150			
	[K9K837]	04.09-	114463	14 120	04.09-	113897	12 1.4
		04.09-	114721	14 150 A49			
		04.09-	115651	14 210			
		04.09-	116323*	14 150			
	[K9K846]	11.10-	114463	14 120	11.10-	113897	12 1.4
		11.10-	114721	14 150 A49			
		11.10-	115651	14 210			
		11.10-	116323*	14 150			
[K9KP732]	05.05-	113940	14 110 A49, A47	08.07-	113897	12 1.4	
	08.07-	113945	14 150				
	08.07-	114354	14 150				
	08.07-	115651	14 210				
Grand Scénic 1.6	[K4M761]	04.04-	113940	14 110 A49, A47	04.04-	113932	12 0.85
		04.04-	113945	14 150			
		04.04-	115716	14 150			
		04.04-	115766	14 110			
	[K4M782]	04.04-	113940	14 110 A49, A47	04.04-	113932	12 0.85
		04.04-	113945	14 150			
		04.04-	115716	14 150			
		04.04-	115766	14 110			



	[K4M788]	06.06- 06.06- 06.06-	113940 113945 115766	14 110 14 150 14 110	A49, A47	06.06-	113932	12 0.85
Grand Scénic 1.6 16V Bifuel	[K4M866]	04.12-	116233*	12 150		04.12- 04.12-	115842 115728	12 1.0 12 1.2
Grand Scénic 1.6 16V	[K4M858]	02.09-	115382	14 120		02.09-	115728	12 1.2
Grand Scénic 1.6 E85	[K4M866]	02.09-	116233*	12 150		02.09- 02.09-	115842 115728	12 1.0 12 1.2
Grand Scénic 1.6 DCi	[R9M402]	04.11- 04.11-	114826 116324*	14 185 14 150	A49	04.11-	115829	12 1.8
	[R9M404]	04.11- 04.11-	114826 116324*	14 185 14 150	A49	04.11-	115829	12 1.8
Grand Scénic 1.6 Flexfuel	[K4M866]	02.09-	115382	14 120		02.09- 02.09-	115842 115728	12 1.0 12 1.2
Grand Scénic 1.9 dCi	[F9Q803]	05.05- 01.09 05.05- 01.09 05.05- 01.09	112144 113919 115649	14 98 14 125 14 150		05.05- 01.09	112474	12 1.8
	[F9Q804]	05.05- 01.09 05.05- 01.09 05.05- 01.09	112144 113919 115649	14 98 14 125 14 150		05.05- 01.09	112474	12 1.8
	[F9Q812]	04.04- 04.04- 01.09 04.04- 01.09 05.05- 01.09	113718 113919 115649 112144	14 70 14 125 14 150 14 98		04.04- 01.09	112474	12 1.8
	[F9Q816]	05.05- 05.05- 05.05- 05.05-	113718 113919 114039 115649	14 70 14 125 14 120 A49 14 150		05.05- 05.05- 05.05-	112474 115974	12 1.8 12 2.4
	[F9Q818]	05.05- 05.05- 05.05-	113718 113919 115649	14 70 14 125 14 150		05.05- 05.05-	112474 115974	12 1.8 12 2.4
	[F9Q870]	02.09- 02.09- 02.09-	115649 115921 116066	14 150 14 120 14 120		02.09-	114869	12 1.4
	[F9Q872]	02.09- 02.09- 02.09-	115649 115921 116066	14 150 14 120 14 120		02.09-	114869	12 1.4
	[F9QE804]	05.05- 05.05-	113945 115649	14 150 14 150		05.05- 05.05-	112474 115974	12 1.8 12 2.4
	[F9QEE804]	05.05- 05.05- 05.05-	113718 113919 115649	14 70 14 125 14 150		05.05- 05.05-	112474 115974	12 1.8 12 2.4
	[F9QJ803]	05.05- 05.05- 05.05-	113718 113919 115649	14 70 14 125 14 150		05.05- 05.05-	112474 115974	12 1.8 12 2.4
Grand Scénic 2.0	[F4R770]	04.04- 04.04-	113919 114039	14 125 14 120 A49		04.04-	114814	12 0.9
	[F4R771]	04.04- 04.04-	113919 114039	14 125 14 120 A49		04.04-	114814	12 0.9
	[F4R776]	04.04- 04.04-	113919 114039	14 125 14 120 A49		04.04-	114814	12 0.9
Grand Scénic 2.0 16V	[M4R711]	02.09-	116184	14 150		02.09-	115341	12 1.0
Grand Scénic 2.0 DCi	[M9R610]	04.09-	116216	14 210				
	[M9R615]	02.09-	116216	14 210				
	[M9R700]	09.05- 09.05- 09.05-	114768 115857 116216	14 120 14 150 14 210		09.05-	114074	12 2.2
	[M9R721]	09.05- 09.05- 09.05-	114768 115857 116216	14 120 14 150 14 210		09.05-	114074	12 2.2
	[M9R722]	09.05- 09.05- 09.05-	114768 115857 116216	14 120 14 150 14 210		09.05-	114074	12 2.2
Kadjar 1.2 Tce 130	[H5F408]	06.15-	115921	14 120				
Kadjar 1.5 DCi 110	[K9K646]	06.15-	116363*	14 120		06.15-	113897	12 1.4
	[K9K647]	06.15-	116363*	14 120		06.15-	113897	12 1.4
Kadjar 1.5 DCi Blue 115		08.18-	116381*	14 150		08.18-	113897	12 1.4
Kangoo 1.2	[D7F710]	10.97-	112165	14 75		10.97- 04.98	111641	12 0.7
	[D7F720]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F722]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F726]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F744]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F746]	03.98- 03.98-	113403 113577	14 75 14 75		03.98-	111641	12 0.7
Kangoo 1.2 Express	[D7F710]	10.97- 03.98-	112165 113577	14 75 14 75	BO	10.97-	111641	12 0.7
	[D7F720]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F722]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F726]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F744]	03.98-	113403	14 75		03.98-	111641	12 0.7
	[D7F746]	03.98-	113403	14 75		03.98-	111641	12 0.7
Kangoo 1.2 16V	[D4F712]	06.01- 06.01-	113403 115549	14 75 14 95		06.01-	111641	12 0.7
	[D4F714]	06.01- 06.01-	113403 115549	14 75 14 95		05.00-	111641	12 0.7
	[D4F716]	06.01- 06.01-	113403 115549	14 75 14 95		05.00-	111641	12 0.7
Kangoo 1.2 16V Express	[D4F712]	10.01- 10.01-	113403 115549	14 75 14 95		10.01-	111641	12 0.7
	[D4F714]	10.01- 10.01-	113403 115549	14 75 14 95		05.00-	111641	12 0.7
	[D4F730]	10.01- 10.01-	113403 115549	14 75 14 95		05.00-	111641	12 0.7
Kangoo 1.2 Tce Express TCe 115	[H5F400]	07.13- 07.13-	115356 115921	14 150 14 120				

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Kangoo 1.4	[E7J634]	09.98-	112199	14 75	08.97-	115442	12 0.8	
		AC 09.98-	112144	14 98	09.98-	111251	12 1.1	
	[E7J635]	03.98-	112199	14 75	09.98-	111251	12 1.1	
		AC 09.98-	112144	14 98				
	[E7J780]				10.97-	111251	12 1.1	
					03.98-	115442	12 0.8	
Kangoo 1.4 Express	[K7J700]	06.00-	112199	14 75	08.97-	115442	12 0.8	
		AC 06.00-	112144	14 98	06.00-	111251	12 1.1	
	[K7J701]	06.00-	112199	14 75	08.97-	115442	12 0.8	
		AC 06.00-	112144	14 98	06.00-	111251	12 1.1	
	[E7J634]	09.98-	112199	14 75	08.97-	115442	12 0.8	
		AC 09.98-	112144	14 98				
Kangoo 1.4 Express	[E7J635]	09.98-	112199	14 75	08.97-	115442	12 0.8	
		AC 09.98-	112144	14 98				
	[E7J780]				10.97-	111251	12 1.1	
	[K7J701]	06.00-	112199	14 75	08.97-	115442	12 0.8	
		AC 06.00-	112144	14 98				
	Kangoo 1.5 DCi	[K9K700]	12.01-	114673	14 120	04.05- 06.10	113897	12 1.4
		04.05- 06.10	112457	14 110	12.01-	113927	12 1.4	
		04.05- 06.10	113862	14 125 A49				
		04.05- 06.10	113940	14 110 A49, A47				
		04.05- 06.10	116325*	14 125				
		AC 05.00-	113248	14 120				
Kangoo 1.5 DCi	[K9K702]	02.01-	113248	14 120	07.02-	113927	12 1.4	
		07.02- 06.10	113862	14 125 A49	04.05- 06.10	113897	12 1.4	
		07.02-	114673	14 120				
		07.02- 06.10	116325*	14 125				
		04.05- 06.10	112457	14 110				
		04.05- 06.10	113940	14 110 A49, A47				
Kangoo 1.5 DCi	[K9K704]	12.01-	114673	14 120	07.03-	113897	12 1.4	
		07.03-	113862	14 125 A49	12.01-	113927	12 1.4	
		07.03-	113940	14 110 A49				
		07.03-	116325*	14 125				
		AC 05.00-	113248	14 120				
	[K9K710]	07.02-	113862	14 125 A49	07.02-	113927	12 1.4	
Kangoo 1.5 DCi		07.02-	114673	14 120				
		07.02-	116325*	14 125				
		AC 02.01-	113248	14 120				
	[K9K714]	06.05-	112457	14 110	06.05-	113897	12 1.4	
		06.05-	113862	14 125 A49				
		06.05-	116325*	14 125				
Kangoo 1.5 DCi	[K9K718]	06.05-	112457	14 110	06.05-	113897	12 1.4	
		06.05-	113862	14 125 A49				
		06.05-	116325*	14 125				
	[K9K800]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	[K9K802]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
Kangoo 1.5 DCi		02.08-	116323*	14 150				
	[K9K804]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	[K9K806]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	[K9K808]	06.09-	114721	14 150 A49	06.09-	113897	12 1.4	
Kangoo 1.5 DCi		06.09-	116323*	14 150				
	[K9K840]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	Kangoo 1.5 DCi 110	[K9K804]	09.10-	114721	14 150 A49	09.10-	113897	12 1.4
			09.10-	116323*	14 150	09.10-	115624	12 1.2
		Kangoo 1.5 DCi Be Bop	[K9K806]	02.09-	114721	14 150 A49	02.09-	113897
			02.09-	116323*	14 150			
[K9K808]			06.09-	114721	14 150 A49	06.09-	113897	12 1.4
			06.09-	116323*	14 150			
Kangoo 1.5 DCi Express	[K9K636]		09.13-	114463	14 120	09.13-	113897	12 1.4
	[K9K700]		12.01-	114673	14 120	12.01-	113927	12 1.4
		AC 05.00-	113248	14 120				
	[K9K702]	02.01-	113248	14 120	12.01-	113927	12 1.4	
		12.01-	114673	14 120				
		04.03-	113862	14 125 A49				
Kangoo 1.5 DCi Express		04.03-	116325*	14 125				
		AC 05.00-	113248	14 120				
	[K9K704]	12.01-	114673	14 120	12.01-	113927	12 1.4	
		AC 05.00-	113248	14 120				
	[K9K710]	04.03-	113862	14 125 A49	04.03-	113927	12 1.4	
		04.03-	114673	14 120				
Kangoo 1.5 DCi Express		04.03-	116325*	14 125				
		AC 02.01-	113248	14 120				
	[K9K714]	06.05-	113862	14 125 A49	06.05-	113897	12 1.4	
		06.05-	116325*	14 125				
	[K9K716]	10.05-	113862	14 125 A49	10.05-	113897	12 1.4	
		10.05-	113940	14 110 A47, A49				
Kangoo 1.5 DCi Express		10.05-	116048	14 110				
		10.05-	116325*	14 125				
	[K9K718]	06.05-	112457	14 110	06.05-	113897	12 1.4	
		06.05-	113862	14 125 A49				
		06.05-	114673	14 120				
		06.05-	116325*	14 125				
Kangoo 1.5 DCi Express	[K9K800]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	[K9K802]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	[K9K804]	09.10-	114721	14 150 A49	09.10-	113897	12 1.4	
		09.10-	116323*	14 150				
Kangoo 1.5 DCi Express	[K9K806]	02.08-	114721	14 150 A49	02.08-	113897	12 1.4	
		02.08-	116323*	14 150				
	[K9K808]	09.10-	114721	14 150 A49	09.10-	113897	12 1.4	
		09.10-	116323*	14 150				
	Kangoo 1.6	[K7M750]				02.08-	114180	12 0.8



Kangoo 1.6 Be Bop	[K4M830]	02.09-	114882	14 110	02.09-	113932	12 0.85
		02.09-	115411	14 110			
Kangoo 1.6 Express	[K7M750]				02.08-	114180	12 0.8
Kangoo 1.6 16V	[K4M750]				09.01-	112218	12 1.0
					09.05-	113932	12 0.85
	[K4M752]	09.01-	112199	14 75	09.05-	113932	12 0.85
					09.01-	112218	12 1.0
	[K4M753]				09.01-	112218	12 1.0
					09.05-	113932	12 0.85
	[K4M830]	02.08-	114882	14 110	02.08-	113932	12 0.85
Kangoo 1.6 16V 4x4	[K4M750]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Express	[K4M752]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Bivalent	[K4M850]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Express 4x4	[K4M750]	PS 10.01-	112199	14 75	06.00-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Express LPG	[K4M834]	PS 10.01-	112199	14 75	09.01-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Bivalent Express	[K4M850]	PS 10.01-	112199	14 75	06.00-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.6 16V Hi-Flex Hi-Flex	[K4M834]	PS 10.01-	112199	14 75	06.00-	112218	12 1.0
		AC 10.01-	112144	14 98			
Kangoo 1.9 DCi 4x4	[F9Q782]				10.01-	113930	12 1.4
					10.03-	113929	12 1.2
Kangoo 1.9 DCi Express	[F9Q790]				10.01-	113930	12 1.4
					07.03-	112295	12 1.7
Kangoo 1.9 DCi Express 4x4	[F9Q782]				10.01-	113929	12 1.2
					10.01-	113930	12 1.4
	[F9Q790]	07.03-	111718	14 75	10.01-	113929	12 1.2
					10.01-	113930	12 1.4
Kangoo 1.9 Diesel	[F8Q630]	08.97-	112059	14 110	10.97-	112295	12 1.7
		09.97-	111718	14 75	10.97-	113481	12 1.4
	03.98-	112470	14 110				
	AC 09.97-	112059	14 110				
	[F8Q632]				03.98-	112295	12 1.7
	[F8Q662]	08.97-	112059	14 110	10.97-	112295	12 1.7
Kangoo 1.9 Diesel Express	[F8Q630]	09.97-	111718	14 75	10.97-	112295	12 1.7
		03.98-	112470	14 110	10.97-	113481	12 1.4
	AC 09.97-	112059	14 110				
	[F8Q632]				03.98-	112295	12 1.7
	[F8Q662]	09.97-	111718	14 75	10.97-	112295	12 1.7
		03.98-	112470	14 110	10.97-	113481	12 1.4
Kangoo 1.9 DTi	[F9Q780]	02.00-	111718	14 75	02.00-	112295	12 1.7
		02.00-	112470	14 110	02.00-	113481	12 1.4
	AC 02.00-	112059	14 110				
Kangoo 1.9 DTi Express	[F9Q780]	02.00-	111718	14 75	02.00-	112295	12 1.7
		02.00-	112470	14 110	02.00-	113481	12 1.4
	AC 02.00-	112059	14 110				
	[F9Q782]				02.00-	112295	12 1.7
					02.00-	113929	12 1.2
Kangoo Express 1.5 DCi 90 (FW18)	[K9K647]	08.17-	116355*	14 150			
Koleos 1.6 DCi 130	[R9M409]	08.16-	115356	14 150	08.16-	115829	12 1.8
		08.16-	115356	14 150	08.16-	115829	12 1.8
Koleos 2.0 DCi 4x4	[M9R830]				09.08- 03.13	114074	12 2.2
	[M9R832]				09.08-	114074	12 2.2
	[M9R855]				09.08-	114074	12 2.2
	[M9R856]				09.08-	114074	12 2.2
	[M9R862]				09.08-	114074	12 2.2
	[M9R865]				09.08-	114074	12 2.2
	[M9R866]				09.08-	114074	12 2.2
Laguna 1.5 DCi	[K9K780]	10.07-	115651	14 210	10.07-	113897	12 1.4
		03.12-	114463	14 120	03.12-	113897	12 1.4
	03.12-	114721	14 150 A49				
	03.12-	115651	14 210				
	[K9K846]	03.12-	116323*	14 150			
Laguna 1.6 16V	[K4M710]	03.01-	112144	14 98	03.01-	112218	12 1.0
		03.01-	112470	14 110			
		AC 03.01-	112144	14 98			
	[K4M716]	02.05-	115711	14 120	02.05-	113932	12 0.85
	[K4M720]	11.97-	112144	14 98	11.97-	112218	12 1.0
		11.97-	112199	14 75			
		AC 11.97-	112144	14 98			
[K4M724]	AC 05.98- 02.01	112144	14 98	11.97- 02.01	112218	12 1.0	
[K4M824]	10.07-	115382	14 120	10.07-	115728	12 1.2	
				10.07-	115842	12 1.0	
Laguna 1.8	[F3P670]	09.95-	111722	14 75 A27	09.95- 04.97	111251	12 1.1
		AC 09.95- 04.98	112679	14 110 A28, A27	A13 09.95-	113481	12 1.4
	[F3P674]				06.95- 02.01	111251	12 1.1
	[F3P676]				06.95- 06.98	111251	12 1.1

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	[F3P678]					01.94- 03.01	111251	12 1.1
		AC 01.94- 11.95	112679	14 110 A28, A27		A13 01.94-	113481	12 1.4
	[F3P720]		111722	14 75		11.93- 03.01	111251	12 1.1
		AC 11.93- 11.95	112679	14 110		A13 11.93- 11.95	113481	12 1.4
	[F3P724]		111722	14 75 A27		11.93- 03.01	111251	12 1.1
		AC 11.93- 04.98	112679	14 110 A28, A27		A13 11.93-	113481	12 1.4
Laguna 1.8 RT	[F3P670]		111722	14 75 A27		08.95- 04.97	111251	12 1.1
		AC 08.95- 04.98	112679	14 110 A28, A27		A13 08.95-	113481	12 1.4
	[F3P678]					01.94- 03.01	111251	12 1.1
		AC 01.94- 01.96	112679	14 110 A27, A28		A13 01.94-	113481	12 1.4
	[F3P720]					01.94-	113481	12 1.4
		AC 01.94-	112679	14 110		08.95- 03.01	111251	12 1.1
	[F3P724]					08.95- 03.01	111251	12 1.1
		AC 01.94-	112679	14 110		A13 01.94-	113481	12 1.4
Laguna 1.8 16V	[F4P760]		111718	14 75				
		04.98-	112144	14 98				
		04.98-	112470	14 110				
		AC 04.98-	112144	14 98				
	[F4P770]		111718	14 75		03.01-	113761	12 0.9
		03.01-	112144	14 98		03.01- 09.07	114814	12 0.9
		03.01-	112470	14 110				
		03.01-	112471	14 125				
		03.01- 09.07	113245	14 125				
		03.01-	113248	14 120				
	[F4P771]		113245	14 125		03.01-	113761	12 0.9
	[F4P772]					03.01-	113761	12 0.9
						03.01-	114814	12 0.9
	[F4P773]		112471	14 125		03.01-	113761	12 0.9
		03.01-	113245	14 125				
	[F4P774]		113245	14 125		03.01-	113761	12 0.9
		03.01- 09.07				03.01- 09.07	114814	12 0.9
	[F4P775]		113245	14 125		03.01- 09.07	114814	12 0.9
		03.01- 09.07				03.01-	113761	12 0.9
Laguna 1.9 DCI	[F9Q650]		112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
	[F9Q664]		114700	14 150		08.03- 09.07	112474	12 1.8
	[F9Q670]		112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
	[F9Q674]		112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
		01.05-	114700	14 150				
	[F9Q718]		114353	14 150		09.99-	112474	12 1.8
		09.99-	112458	14 120 A47				
		09.99-	112471	14 125				
		09.99- 03.01	113248	14 120				
	[F9Q750]		112471	14 125		03.01-	112474	12 1.8
		03.01-	113248	14 120				
	[F9Q752]		113248	14 120		06.01-	115974	12 2.4
		06.01-	112471	14 125		06.01-	114814	12 0.9
		AC 06.01-	114353	14 150		03.01-	112474	12 1.8
	[F9Q754]		113248	14 120		03.01-	112474	12 1.8
		03.01-	114353	14 150				
		10.01-	112471	14 125				
		AC 10.01-	114353	14 150				
	[F9Q756]		113248	14 120		03.01-	112474	12 1.8
		03.01-	114353	14 150				
	[F9Q758]		114700	14 150		01.05- 09.07	112474	12 1.8
	[F9Q759]		114700	14 150		08.05- 09.07	112474	12 1.8
Laguna 1.9 TDI	[F9Q710]					10.97- 03.01	112295	12 1.7
		AC 10.97- 03.01	112458	14 120 A47				
	[F9Q716]					10.97- 03.01	112295	12 1.7
		AC 10.97-	111719#	14 120		10.97-	113481	12 1.4
	[F9Q717]		111719#	14 120		10.97- 03.01	112295	12 1.7
Laguna 2.0	[F3R611]		112679	14 110		A13 01.99-	113481	12 1.4
						01.99- 03.01	111251	12 1.1
	[F3R722]		111722	14 75 A27		11.93- 03.01	111251	12 1.1
		AC 11.93- 02.01	112679	14 110 A28, A27		A13 11.93-	113481	12 1.4
	[F3R723]		111722	14 75 A27		11.93- 03.01	111251	12 1.1
		AC 11.93- 02.01	112679	14 110 A28, A27		A13 11.93-	113481	12 1.4
	[F3R768]					06.95- 02.01	111251	12 1.1
	[F4R800]		115920	14 150		03.08-	115698	12 1.1
		03.08-				03.08-	114814	12 0.9
Laguna 2.0 GT	[F4R800]		115920	14 150		03.08-	115698	12 1.1
		03.08-				03.08-	114814	12 0.9
Laguna 2.0 16V Turbo	[F4R811]		115920	14 150		10.07-	115698	12 1.1
		10.07-				10.07-	114814	12 0.9
	[F4Rt811]		115920	14 150		09.08-	115698	12 1.1
		09.08-				09.08-	114814	12 0.9
Laguna 2.0 16V	[F4R712]					08.02-	114814	12 0.9
		A22 06.01- 08.02	113245	14 125				
	[F4R713]					08.02-	114814	12 0.9
		A22 06.01- 08.02	113245	14 125				
	[F4R714]		113837	14 150		08.02- 09.07	114814	12 0.9
		08.02-	114122	14 150				
		A22 06.01- 08.02	113245	14 125				
	[F4R715]		113837	14 150		08.02- 09.07	114814	12 0.9
		10.04- 09.07				09.01-	113761	12 0.9
		A22 06.01- 08.02	113245	14 125				
	[F4R780]		111718	14 75		09.99- 03.01	113605	12 1.1
		09.99- 02.01	112144	14 98				
		09.99- 02.01	112470	14 110				
		09.99- 03.01	112557	14 120				
		AC 09.99- 03.01	112144	14 98				
	[F4R784]		113837	14 150		01.05-	114814	12 0.9
	[F4R786]					01.05-	114814	12 0.9
	[F4R787]					01.05-	114814	12 0.9



	[F4R886]	01.05-	113837	14	150		01.05-	114814	12	0.9
		01.05-	115649	14	150					
	[F4R887]	01.05-	113837	14	150		01.05-	114814	12	0.9
		01.05-	115649	14	150					
	[M4R704]	10.07-	116184	14	150		10.07-	115341	12	1.0
	[N7Q700]	06.95- 02.01	112557	14	120		06.95- 03.01	113605	12	1.1
	[N7Q704]	06.95- 02.01	112557	14	120		06.95- 03.01	113605	12	1.1
Laguna 2.0 IDE 16V	[F5R700]	04.01-	113245	14	125		04.01-	114814	12	0.9
	[F5R701]	04.01-	113245	14	125		04.01-	114814	12	0.9
Laguna 2.0 Turbo 16V	[F4R764]	07.02-	113245	14	125		01.03-	114814	12	0.9
		01.03-	114122	14	150					
	[F4R765]	07.02-	113245	14	125		01.03-	114814	12	0.9
		01.03-	114122	14	150					
	[F4R786]	01.03-	113837	14	150		01.03-	114814	12	0.9
	[F4R787]	01.03-	113837	14	150		01.03-	114814	12	0.9
Laguna 2.0 Turbo	[F4R886]						01.05- 09.07	114814	12	0.9
	[F4R887]						01.05- 09.07	114814	12	0.9
Laguna 2.0 16V Hi-Flex	[M4R704]	10.07-	116184	14	150		10.07-	115341	12	1.0
Laguna 2.0 16V Hi-Flex Grandtour	[M4R704]	10.07-	116184	14	150		10.07-	115341	12	1.0
	[M4R726]	10.07-	116184	14	150		10.07-	115341	12	1.0
Laguna 2.0 DCi	[M9R700]	08.05-	114509	14	150		08.05-	114074	12	2.2
		08.05-	114670	14	210		08.05-	115354	12	1.3
		08.05-	115711	14	120					
	[M9R740]	08.05-	114509	14	150		08.05-	114074	12	2.2
		08.05-	114670	14	210		08.05-	115354	12	1.3
		08.05-	115711	14	120					
		10.07-	116216	14	210					
	[M9R742]	10.07-	116216	14	210		10.07-	114074	12	2.2
	[M9R744]	10.07-	116216	14	210		10.07-	114074	12	2.2
	[M9R746]	10.07-	116216	14	210					
	[M9R748]	10.07-	116216	14	210					
	[M9R760]	01.06-	114509	14	150		01.06-	114074	12	2.2
		01.06-	114670	14	210					
	[M9R800]	01.08-	116216	14	210		01.08-	114074	12	2.2
	[M9R802]	10.07-	116216	14	210		10.07-	114074	12	2.2
	[M9R805]	10.07-	116216	14	210					
	[M9R809]	01.08-	116216	14	210		01.08-	114074	12	2.2
	[M9R814]	10.07-	116216	14	210					
	[M9R815]	01.08-	116216	14	210		01.08-	114074	12	2.2
	[M9R816]	03.08-	116216	14	210		03.08-	114074	12	2.2
	[M9R820]	03.08-	116216	14	210		03.08-	114074	12	2.2
	[M9RA742]	10.07-	116216	14	210					
Laguna 2.0 DCi GT	[M9R816]	03.08-	116216	14	210		03.08-	114074	12	2.2
	[M9R820]	03.08-	116216	14	210		03.08-	114074	12	2.2
Laguna 2.2 DCi	[G9T600]	05.05-	114122	14	150		05.05-	114161	12	2.4
	[G9T605]	05.05-	114122	14	150		05.05-	114161	12	2.4
	[G9T700]	03.01- 02.03	113245	14	125		10.01-	112475	12	2.1
		10.01-	114122	14	150		10.01-	114161	12	2.4
	[G9T702]	03.01- 02.03	113245	14	125		10.01-	112475	12	2.1
		10.01-	114122	14	150		10.01-	114161	12	2.4
	[G9T706]	05.05-	114122	14	150		05.05-	114161	12	2.4
	[G9T707]	05.05-	114122	14	150		05.05-	114161	12	2.4
Laguna 2.2 Diesel	[G8T752]	02.94-	112679	14	110 A28, A27					
		AC 11.93-	112679	14	110					
	[G8T760]	03.96-	112679	14	110					
	[G8T794]	02.94-	112679	14	110 A28, A27					
		AC 11.93-	112679	14	110					
Laguna 2.2 TD	[G8T760]	03.96-	112679	14	110					
Laguna 3.0 V6 24V	[L7X731]						AT 03.01-	115354	12	1.3
Laguna 3.0 DCi	[V9X791]	09.08-	116216	14	210					
	[V9X891]	09.08-	116216	14	210					
Laguna 3.5 V6	[V4Y713]						04.08-	115686	12	1.4
Laguna Sport Tourer 2.9 V6 24V	[L7X731]						10.03- 12.07	115354	12	1.3
Latitude 1.5 dCi	[K9K782]						07.10-	113897	12	1.4
Latitude 2.0 DCi	[M9R804]	05.11-	116216	14	210		05.11-	114074	12	2.2
	[M9R817]	05.11-	116216	14	210		05.11-	114074	12	2.2
	[M9R844]	05.11-	116216	14	210		05.11-	114074	12	2.2
		02.11-	116216	14	210		02.11-	114074	12	2.2
Latitude 2.0 DCi 150	[M9R824]	02.11-	116216	14	210		02.11-	114074	12	2.2
	[M9R846]	02.11-	116216	14	210		02.11-	114074	12	2.2
Latitude 3.0 DCi 240	[V9X891]	02.11-	116216	14	210					
Logan 1.1	[D4F732]	11.13-	115549	14	95		11.13-	114095	12	0.85
		11.13-	116205*	12	90					
Logan 1.1 16V		12.13-	115549	14	95		12.13-	114095	12	0.85
Logan 1.1 Flexfuel LPG		12.13-	115549	14	95		12.13-	114095	12	0.85
Logan 1.5 dCi	[K9K796]	02.08-	113862	14	125 A49		02.08-	113897	12	1.4
		02.08-	113940	14	110 A47, A49					
		02.08-	116048	14	110					
		02.08-	116325*	14	125					
		06.11-	116325*	14	125					
		06.11-	113940	14	110 A49, A47					
		06.11-	113862	14	125 A49					
Logan 1.6	[K4M690]	04.07-	115766	14	110		04.07-	113932	12	0.85
Logan 1.6 MCV	[K4M697]	04.07-	115766	14	110		04.07-	113932	12	0.85
Master 1.9 DCi 80	[F9Q772]	11.01-	113248	14	120		11.01-	112474	12	1.8
		AC 11.01-	112471	14	125					
	[F9Q774]	11.01-	113248	14	120		11.01-	112474	12	1.8
		AC 11.01-	112471	14	125					
Master 2.2 DCi 90	[G9T720]	09.00-	113248	14	120		09.00-	112475	12	2.1
		AC 09.00-	112471	14	125					
	[G9T722]	09.00-	113248	14	120		09.00-	112475	12	2.1
		AC 09.00-	112471	14	125					
	[G9T750]	09.00-	113248	14	120		09.00-	112475	12	2.1
		AC 09.00-	112471	14	125					
Master 2.3 DCi	[M9T670]	02.10-	114826	14	185 A49		02.10-	114074	12	2.2
		02.10-	115356	14	150					
		02.10-	116324*	14	150					

STARTERS & ALTERNATORS



Application list

RENAULT Continued

	[M9T672]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T676]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T678]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T680]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T686]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T690]	02.10- 02.10- 02.10- 02.10-	114826 115356 115356 116324*	14 185 A49 14 150 14 150 14 150		02.10-	114074	12 2.2
	[M9T692]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T694]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T696]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T698]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T700]	07.14-	115356	14 150		07.14-	114074	12 2.2
	[M9T870]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T880]	10.12- 10.12-	114826 116324*	14 185 A49 14 150		10.12-	114074	12 2.2
	[M9T890]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T896]	02.10- 02.10- 02.10-	114826 115356 116324*	14 185 A49 14 150 14 150		02.10-	114074	12 2.2
	[M9T898]	03.13- 03.13-	114826 116324*	14 185 A49 14 150		03.13-	114074	12 2.2
Master 2.3 DCi 130	[M9T692]	06.16- 06.16- 07.16- 07.16-	114826 116324* 114826 116324*	14 185 A49 14 150 14 185 A49 14 150				
Master 2.3 DCi 135	[M9T702]	07.14- 07.14-	114826 116324*	14 185 A49 14 150				
Master 2.3 DCi 170	[M9T706]	07.15- 07.15- 06.16- 06.16-	114826 116324* 116324* 114826	14 185 A49 14 150 14 150 14 185 A49				
Master 2.3 DCi FWD	[M9T670]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T672]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T676]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T698]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T702]	07.14- 07.14-	114826 116324*	14 185 A49 14 150		07.14-	114074	12 2.2
	[M9T870]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T890]	02.10-	115356	14 150		02.10-	114074	12 2.2
	[M9T896]	02.10-	115356	14 150		02.10-	114074	12 2.2
Master 2.5 DCi	[G9U632]	08.06- 08.06-	113837 114700	14 150 14 150		08.06-	112475	12 2.1
	[G9U650]	08.06- 08.06-	113837 114700	14 150 14 150		08.06-	112475	12 2.1
	[G9U754]	08.06- 08.06-	113837 114700	14 150 14 150				
Master 2.5 DCi 100	[G9U754]	10.03- 10.03-	113837 114122	14 150 14 150		10.03-	112475	12 2.1
Master 2.5 DCi 120	[G9U754]	10.01- 10.01-	113837 114122	14 150 14 150				
Master 2.5 DCi 90	[G9U720]	10.01- 10.01- AC 10.01-	113248 113837 113245	14 120 14 150 14 125		10.01-	112475	12 2.1
	[G9U724]	AC 10.01-	113245	14 125		10.01-	112475	12 2.1
Master 2.5 Diesel	[S8U770]	09.97- 09.97-	111937 112057	14 75 14 110		07.98-	112103	12 2.2
Master 2.8 Diesel	[S9W702]	09.97- 09.97-	111937 112057	14 75 14 110		07.98-	112103	12 2.2
Master 2.8 DTi	[S9W702]	09.97- 09.97-	111937 112057	14 75 14 110		09.97-	112103	12 2.2
Master 3.0 DCi	[ZD3600]	06.05- 06.05-	113993 115317	14 135 14 120		06.05-	114032	12 2.5
	[ZD3A604]	06.05- 06.05-	113993 115317	14 135 14 120		06.05-	114032	12 2.5
Master 3.0 DCi 140	[ZD3200]	10.03- 10.03-	113993 115317	14 135 14 120		10.03-	114032	12 2.5
	[ZD3202]	10.03- 10.03-	113993 115317	14 135 14 120		10.03-	114032	12 2.5
Master 28-35 2.0	[829730]					10.82- 09.86	111063	12 1.2
	[829731]					08.80- 10.86	111063	12 1.2
	[J5R718]					10.86- 09.94	111063	12 1.2
	[J5R728]					10.86- 09.94	111063	12 1.2
Master 28-35 2.4 Diesel	[8140.61.2300]	08.80- 08.89	110889	14 75		01.85- 08.89	113134	12 2.2
	[S8U731]	08.80- 08.89	110889	14 75		08.80- 08.89	110814	12 2.7
						01.85- 08.89	113134	12 2.2
						08.80- 08.89	110814	12 2.7



Master 28-35 2.5 Diesel	[8140.61.2300]	09.80- 07.98	110889	14 75	01.85- 07.98	113134	12 2.2
					09.80- 07.98	110814	12 2.7
	[8140.67.2510]	08.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
	[S8U731]	09.80- 07.98	110889	14 75	01.85- 07.98	113134	12 2.2
					09.80- 07.98	110814	12 2.7
Master 28-35 2.5 TD	[S8U742]	08.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
	[8140.27.2580]	03.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
	[S9U702]	03.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
Master 30 2.2	[J7T782]				08.80- 07.98	111063	12 1.2
	[J7T788]				01.94- 09.94	111063	12 1.2
Master 35 2.5 TD	[8140.27.2500]	08.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
	[8140.27.2510]	08.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
	[S9U714]	08.89- 07.98	110889	14 75	08.89- 07.98	113134	12 2.2
Megane 1.2 TCe	[H5F400]	03.12-	115356	14 150			
		03.12-	115921	14 120			
	[H5F404]	01.13-	115356	14 150			
		01.13-	115921	14 120			
		01.13-	116174	14 90			
Megane 1.2 Tce 100	[H5F408]	11.15-	115921	14 120			
Megane 1.2 Tce 130	[H5F408]	11.15-	115921	14 120			
Megane 1.3 TCe 115	A13 01.18-	116225*	12 150				
Megane 1.3 TCe 140	A13 01.18-	116225*	12 150				
Megane 1.3 TCe 160	A13 01.18-	116225*	12 150				
Megane 1.4	[E7J626]	03.99- 10.02	112199	14 75	09.96- 08.03	115442	12 0.8
		AC 03.99- 10.02	112144	14 98	09.99-	113481	12 1.4
	[E7J764]				01.96- 09.03	111251	12 1.1
					02.99-	113481	12 1.4
					09.96- 08.03	115442	12 0.8
	[K4J730]	08.03-	113940	14 110 A49, A47	08.03-	113932	12 0.85
		08.03-	113945	14 150			
		08.03-	115716	14 150			
	[K4J732]	09.03-	113940	14 110 A49, A47	09.03-	113932	12 0.85
	[K4J740]	08.03-	113940	14 110 A49, A47	08.03-	113932	12 0.85
	08.03-	113945	14 150				
	08.03-	115716	14 150				
Megane 1.4 ECO	[E7J624]				02.96- 03.99	111251	12 1.1
					01.96- 03.99	115442	12 0.8
Megane 1.4 16V	[H4J700]				04.09-	115685	12
	[K4J714]	05.00- 09.03	112199	14 75	03.99- 09.03	112218	12 1.0
		03.99- 08.03	115711	14 120	03.99-	113761	12 0.9
		AC 05.00- 09.03	112144	14 98	03.99-	113932	12 0.85
		A22 03.99- 08.03	115711	14 120			
	[K4J730]	11.02-	113940	14 110 A47	11.02-	112218	12 1.0
		11.02-	113945	14 150	11.02-	113932	12 0.85
		11.02-	115716	14 150			
	[K4J732]	10.03-	113940	14 110 A49, A47	10.03-	113932	12 0.85
	[K4J740]	11.02-	113940	14 110 A49, A47	11.02-	112218	12 1.0
		11.02-	113945	14 150	11.02-	113932	12 0.85
		11.02-	115716	14 150			
	[K4J750]	03.99-	112144	14 98	03.99-	112218	12 1.0
		03.99-	112199	14 75	03.99-	113761	12 0.9
		03.99- 08.03	115711	14 120			
	AC 03.99-	112144	14 98				
	A22 03.99-	112144	14 98				
Megane 1.4 i	[E7J626]				03.99- 10.02	115442	12 0.8
		AC 01.96- 10.02	112144	14 98	01.96- 09.03	111251	12 1.1
	[E7J764]				01.96- 09.03	111251	12 1.1
				01.96- 08.03	115442	12 0.8	
Megane 1.5 DCi	[K9K636]	02.09-	114721	14 150 A49	02.09-	113897	12 1.4
		02.09-	115651	14 210	02.09-	115624	12 1.2
		02.09-	116323*	14 150			
	[K9K722]	11.02-	113940	14 110 A47, A49	11.02- 07.09	113927	12 1.4
		11.02- 07.09	113945	14 150			
		08.03- 07.09	114354	14 150			
		08.03- 07.09	114673	14 120			
		08.03- 07.09	116048	14 110			
		09.03-	114882	14 110			
		09.03-	115711	14 120			
	[K9K724]	05.05-	113940	14 110 A49, A47	05.05-	113897	12 1.4
		05.05-	114354	14 150			
		05.05-	114882	14 110			
	[K9K728]	10.03-	113940	14 110 A49, A47	10.03-	113897	12 1.4
		10.03-	113945	14 150			
		10.03-	114354	14 150 BO			
		02.04-	114673	14 120			
		02.04-	114721	14 150 A49			
	02.04-	114882	14 110				
	02.04-	116323*	14 150				
[K9K729]	10.03-	113940	14 110 A49, A47	10.03-	113897	12 1.4	
	10.03-	113945	14 150				
	10.03-	114354	14 150 BO				
	02.04-	114673	14 120				
	02.04-	114721	14 150 A49				
	02.04-	114882	14 110				
	02.04-	116323*	14 150				
[K9K732]	08.03- 07.09	114354	14 150	08.03- 07.09	113897	12 1.4	
	08.03- 07.09	114673	14 120				
	08.03- 07.09	116323*	14 150				
	02.04-	114754	14 120				
	05.05-	114721	14 150 A49				
	05.05-	114882	14 110				
	05.05-	115651	14 210				
	03.06-	113940	14 110 A49, A47				
	01.07-	112471	14 125				



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	[K9K734]	05.05- 05.05- 05.05- 05.05- 01.07-	114354 114721 115651 116323* 114882	14 150 14 150 A49 14 210 14 150 14 110		05.05-	113897	12 1.4
	[K9K830]	11.08- 11.08-	114721 116323*	14 150 A49 14 150		11.08-	113897	12 1.4
	[K9K832]	02.09- 02.09- 02.09-	114721 115651 116323*	14 150 A49 14 210 14 150		02.09-	113897	12 1.4
	[K9K834]	05.09- 05.09-	114721 116323*	14 150 A49 14 150		05.09-	113897	12 1.4
	[K9K836]	02.09- 02.09- 02.09-	114721 115651 116323*	14 150 A49 14 210 14 150		02.09- 02.09-	113897 115624	12 1.4 12 1.2
	[K9K837]	02.09- 02.09- 02.09-	114721 115651 116323*	14 150 A49 14 210 14 150		02.09- 02.09-	113897 115624	12 1.4 12 1.2
	[K9K846]	02.09- 02.09- 02.09- 11.13-	114721 115651 116323* 114463	14 150 A49 14 210 14 150 14 120		02.09- 02.09-	115624 113897	12 1.2 12 1.4
	[K9KH834]	11.08- 11.08-	114721 116323*	14 150 A49 14 150		11.08-	113897	12 1.4
	[K9KJ836]	02.09- 02.09- 02.09-	114721 115651 116323*	14 150 A49 14 210 14 150		02.09-	113897	12 1.4
		08.03- 02.08	116048	14 110		08.03- 02.08	113927	12 1.4
		08.03- 02.08	114673	14 120		08.03- 02.08	113897	12 1.4
		08.03- 02.08	114354	14 150				
		08.03- 02.08	113945	14 150				
Megane 1.5 DCi 110	[K9K646]	11.15- 11.15-	116363* 116381*	14 120 14 150		11.15-	113897	12 1.4
	[K9K656]	11.15- 11.15-	116363* 116381*	14 120 14 150		11.15-	113897	12 1.4
	[K9K657]	11.15- 11.15-	116363* 116381*	14 120 14 150		11.15-	113897	12 1.4
Megane 1.5 DCi 90 Megane 1.6	[K9K656]	11.15-	116363*	14 120		11.15-	113897	12 1.4
	[K4M760]	08.03- 08.03- 08.03- 08.03-	113940 113945 115716 115766	14 110 A49, A47 14 150 14 150 14 110		08.03-	113932	12 0.85
	[K4M761]	08.03- 08.03- 08.03- 08.03-	113940 113945 115716 115766	14 110 A49, A47 14 150 14 150 14 110		08.03-	113932	12 0.85
	[K4M762]	05.05- 05.05-	115382 115716	14 120 14 150		05.05-	113932	12 0.85
	[K7M702]					10.96- 09.03	111251	12 1.1
	[K7M703]					10.96- 03.99	111251	12 1.1
Megane 1.6 Classic	[K7M704]					02.00- 09.00	111251	12 1.1
						02.00- 09.00	115442	12 0.8
Megane 1.6 E	[K7M702]					01.96- 08.03	111251	12 1.1
						01.96-	112218	12 1.0
	[K7M703]					01.96- 09.03	111251	12 1.1
	[K7M790]					01.96- 03.99	111251	12 1.1
Megane 1.6 16V Flex-Fuel	[K4M762]	02.08- 02.08-	114882 115411	14 110 14 110		02.08-	113932	12 0.85
	[K4M856]	02.08- 02.08-	114882 115411	14 110 14 110		02.08-	113932	12 0.85
Megane 1.6 16V	[K4M C813]	01.07- 01.07-	114882 115766	14 110 14 110		01.07-	113932	12 0.85
	[K4M D812]	01.07- 01.07-	114882 115766	14 110 14 110		01.07-	113932	12 0.85
	[K4M700]	03.99- 03.99- 03.99- 08.03 AC 03.99- A22 03.99-	112144 112199 115711 112144 112144	14 98 14 75 14 120 14 98 14 98		03.99-	112218	12 1.0
	[K4M701]	08.98- 09.03 03.99- 08.03 AC 08.98- 09.03	112199 115711 112144	14 75 14 120 14 98		08.98- 09.03	112218	12 1.0
	[K4M704]	03.99- 10.02 AC 03.99- 10.02	112199 112144	14 75 14 98		03.99- 10.02	112218	12 1.0
	[K4M708]	03.99- 09.03 03.99- AC 03.99- 09.03	112199 115711 112144	14 75 14 120 14 98		03.99- 09.03	112218	12 1.0
	[K4M760]	11.02- 11.02- 11.02- 11.02- 01.07-	113940 113945 115716 115766 114882	14 110 A47, A49 14 150 14 150 14 110 14 110		11.02- 11.02-	112218 113932	12 1.0 12 0.85
	[K4M761]	01.07-	115766	14 110		01.07-	113932	12 0.85
	[K4M762[RA]]	05.06- 10.11	116233*	12 150		05.06- 10.11	113932	12 0.85
	[K4M812]	05.05- 05.05- 01.07-	115716 115766 114882	14 150 14 110 14 110		05.05-	113932	12 0.85
	[K4M813]	01.07- 01.07-	114882 115766	14 110 14 110		01.07-	113932	12 0.85
	[K4M838]					10.15-	113932	12 0.85
	[K4M848]					11.08-	113932	12 0.85
	[K4M858]	11.08-	115382	14 120		11.08- 11.08-	115842 115728	12 1.0 12 1.2
	[K4M866]	11.08-	115382	14 120		11.08- 11.08-	115728 115842	12 1.2 12 1.0
	[K4MP848]					11.08-	113932	12 0.85
		01.10- 08.15	115382	14 120		01.10- 08.15	113932	12 0.85



Megane 1.6 FlexFuel	[K4M788]	01.07-	114882	14 110	01.07-	113932	12 0.85
		01.07-	115411	14 110			
Megane 1.6 i	[K7M720]				01.96- 03.99	111251	12 1.1
Megane 1.6 LPG 16V	[K4M760]	01.06- 08.09	113940	14 110	01.06- 08.09	113932	12 0.85
		01.06- 08.09	116048	14 110			
Megane 1.6 Hi-Flex		03.06-	114882	14 110	03.06-	113932	12 0.85
Megane 1.6 16V Bifuel	[K4M866]	11.08-	115382	14 120	11.08-	115842	12 1.0
					11.08-	115728	12 1.2
Megane 1.6 DCi	[R9M402]	04.11-	114826	14 185 A49	04.11-	115829	12 1.8
		04.11-	116324*	14 150			
	[R9M404]	04.11-	114826	14 185 A49	04.11-	115829	12 1.8
		04.11-	116324*	14 150			
Megane 1.8 16V	[F4P720]	05.00- 09.03	112144	14 98	01.01-	113761	12 0.9
		AC 03.99- 10.02	112144	14 98			
	[F4P722]	05.00- 09.03	112144	14 98	01.01-	113761	12 0.9
		AC 03.99- 10.02	112144	14 98			
Megane 1.9 DCi	[F9Q732]	02.01- 10.02	111718	14 75	03.99- 07.03	113930	12 1.4
		02.01- 10.02	112470	14 110			
		AC 02.01-	112458	14 120 A47			
	[F9Q733]	02.01- 08.03	112458	14 120 A47	02.01-	113930	12 1.4
		AC 02.01-	112458	14 120 A47			
	[F9Q738]	02.01-	111718	14 75	02.01-	113930	12 1.4
		AC 02.01-	112458	14 120 A47			
	[F9Q800]	11.02-	113919	14 125	11.02-	112474	12 1.8
		08.03-	113940	14 110 A49, A47			
		09.03-	113837	14 150			
		09.03-	114039	14 120 A49			
		09.03-	115310	14 110			
		09.03-	115649	14 150			
		05.05-	112144	14 98			
	[F9Q803]	05.05-	113837	14 150	05.05-	113897	12 1.4
		05.05-	113919	14 125			
		05.05-	114039	14 120 A49			
		05.05-	115310	14 110			
		05.05-	115419	14 110			
	[F9Q804]	05.05-	115649	14 150	05.05-	113897	12 1.4
		05.05-	112144	14 98			
		05.05-	113837	14 150			
		05.05-	113919	14 125			
		05.05-	114039	14 120 A49			
	[F9Q808]	05.05-	115310	14 110	05.05-	115974	12 2.4
		05.05-	115419	14 110			
		05.05-	115649	14 150			
05.05-		112144	14 98				
05.05-		113837	14 150				
[F9Q816]	05.05-	113919	14 125	05.05-	112474	12 1.8	
	05.05-	114039	14 120 A49				
	05.05-	115310	14 110				
	05.05-	115419	14 110				
	05.05-	115649	14 150				
[F9Q818]	05.05-	112144	14 98	05.05-	115974	12 2.4	
	05.05-	113837	14 150				
	05.05-	113919	14 125				
	05.05-	113949	14 150				
	05.05-	114039	14 120 A49				
	05.05-	115310	14 110				
	05.05-	115419	14 110				
[F9Q870]	11.08-	115649	14 150	11.08-	114869	12 1.4	
	11.08-	115921	14 120				
	11.08-	116066	14 120				
[F9Q872]	11.08-	115649	14 150	11.08-	114869	12 1.4	
	11.08-	115921	14 120				
	11.08-	116066	14 120				
Megane 1.9 DCi Coach	[F9Q732]				03.99- 09.00	113930	12 1.4
Megane 1.9 Diesel	[F8Q620]	01.97-	111722	14 75	09.96-	112295	12 1.7
		AC 09.96- 05.97	112679	14 110			
		AC 04.97-	111719#	14 120			
	[F8Q622]				04.99- 09.03	112295	12 1.7
	[F8Q624]				09.96-	112295	12 1.7
	[F8Q790]	03.97-	111722	14 75	03.97- 09.03	112295	12 1.7
		04.99-	112470	14 110			
		AC 03.97- 05.97	112679	14 110			
		AC 04.97-	111719#	14 120			
			08.95- 09.00	112295	12 1.7		
Megane 1.9 Diesel Eco	[F8Q620]	01.96-	111722	14 75	01.96-	112295	12 1.7
		AC 11.95- 05.97	112679	14 110			
		AC 04.97-	111719#	14 120			
	[F8Q624]				01.96-	112295	12 1.7
Megane 1.9 DTi	[F9Q731]	03.99-	111718	14 75	03.99-	112295	12 1.7
	[F9Q736]	03.99-	111718	14 75	03.99-	112295	12 1.7
	[F9Q744]	02.01-	111718	14 75	02.01-	113930	12 1.4
	02.01-	112458	14 120 A47	02.01-	113929	12 1.2	
	02.01-	112470	14 110				
	AC 02.01-	112458	14 120 A47				
Megane 1.9 TD	[F8Q784]	01.97-	111722	14 75	01.96-	112295	12 1.7
		AC 11.95- 05.97	112679	14 110			
		AC 04.97-	111719#	14 120			
[F8Q786]				01.96- 09.99	112295	12 1.7	
Megane 1.9 Tdi	[F8Q784]	06.97-	111722	14 75	09.96-	112295	12 1.7
		AC 06.97-	111719#	14 120			
	[F9Q730]	06.97-	111722	14 75	03.97-	113481	12 1.4
	AC 06.97-	111719#	14 120	03.97-	112295	12 1.7	



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	[F9Q731]	03.99- 09.03	111718	14 75		03.97- 03.97	113481 112295	12 1.4 12 1.7
		AC 03.97- 02.01	112458	14 120 A47				
	[F9Q734]	06.97-	111722	14 75		03.97-	112295	12 1.7
		AC 06.97-	111719#	14 120		03.97-	113481	12 1.4
	[F9Q736]	03.99- 09.03	111718	14 75		03.97-	113481	12 1.4
						03.97-	112295	12 1.7
		AC 03.97- 02.01	112458	14 120 A47				
Megane 2.0	[F3R750]	04.97-	111722	14 75		04.97- 08.03	111251	12 1.1
		AC 04.97-	112679	14 110		A13 04.97-	113481	12 1.4
	[F4R770]	08.03-	113919	14 125		08.03-	114814	12 0.9
		09.03-	114039	14 120 A49		09.03-	115698	12 1.1
	[F4R771]	08.03-	113919	14 125		08.03-	114814	12 0.9
		09.03-	114039	14 120 A49		09.03-	115698	12 1.1
	[F4R774]	08.06-	113919	14 125		08.06-	114814	12 0.9
	[F4R874]	11.08-	115921	14 120		11.08-	115698	12 1.1
						06.06- 12.10	115698	12 1.1
		06.06- 12.10	115419	14 110		06.06- 12.10	114814	12 0.9
		06.06- 12.10	115310	14 110				
		06.06- 12.10	114039	14 120 A49				
		06.06- 12.10	113919	14 125				
Megane 2.0 R.S.	[F4R874]	07.14-	115921	14 120		07.14-	115698	12 1.1
Megane 2.0 Sport	[F4R774]	05.04-	113919	14 125		05.04-	114814	12 0.9
	[F4Rt774]	05.04-	113919	14 125		05.04-	114814	12 0.9
Megane 2.0 16V	[F4R746]	09.01- 10.02	112144	14 98		01.02- 08.03	114814	12 0.9
		01.02- 08.03	114122	14 150		09.01- 08.03	113761	12 0.9
	[F4R770]	01.02-	112144	14 98		01.02-	114814	12 0.9
		11.02-	113919	14 125		01.01- 09.03	113761	12 0.9
	[F4R870]	11.08-	116066	14 120		11.08-	115698	12 1.1
	[F4R872]	11.08-	116066	14 120		11.08-	115698	12 1.1
	[F7R710]					A13 11.95- 04.97	113481	12 1.4
						01.96- 04.97	111251	12 1.1
	[F7R714]	03.96-	111718	14 75		A13 05.97- 09.03	113481	12 1.4
		03.99-	112144	14 98		05.97- 09.03	111251	12 1.1
	[M4R711]	02.09-	116184	14 150		02.09-	115341	12 1.0
	[M4R713]	02.09-	116184	14 150		02.09-	115341	12 1.0
	[M4RF713]	05.09-	116184	14 150		05.09-	115341	12 1.0
Megane 2.0 i	[F3R750]	09.96- 03.99	111722	14 75		01.96- 08.03	111251	12 1.1
		03.99-	112679	14 110		A13 01.96- 03.99	113481	12 1.4
		AC 01.96- 03.99	112679	14 110				
	[F3R751]	09.96- 08.03	111722	14 75		01.96- 08.03	111251	12 1.1
		09.96- 08.03	112679	14 110		A13 03.99- 08.03	113481	12 1.4
	[F3R752]	09.96- 08.03	111722	14 75		09.96- 08.03	111251	12 1.1
		03.99- 08.03	112679	14 110		03.99- 08.03	113481	12 1.4
	[F3R791]	09.96- 08.03	111722	14 75		09.96- 09.03	111251	12 1.1
		09.96- 08.03	112679	14 110		A13 03.99- 08.03	113481	12 1.4
	[F3R796]	09.96- 08.03	111722	14 75		09.96- 09.03	111251	12 1.1
		09.96- 08.03	112679	14 110		A13 01.99- 08.03	113481	12 1.4
		AC 09.96- 09.03	112679	14 110				
	[F3R797]	09.96- 08.03	111722	14 75		03.99- 08.03	111722	
		09.96- 08.03	112679	14 110		03.99- 08.03	113481	12 1.4
						09.96- 08.03	111251	12 1.1
	[F3R798]	09.96- 08.03	111722	14 75		03.99- 08.03	111722	
		09.96- 08.03	112679	14 110		03.99- 08.03	113481	12 1.4
						09.96- 08.03	111251	12 1.1
Megane 2.0 iDE 16V	[F5R740]	11.99-	111718	14 75				
		AC 11.99-	112144	14 98				
Megane 2.0 TCe	[F4R872]	06.12-	115921	14 120		06.12-	115698	12 1.1
	[F4R874]	05.09-	115921	14 120		05.09-	115698	12 1.1
Megane 2.0 TCe TCe 220	[F4R874]	11.13-	115921	14 120		11.13-	115698	12 1.1
Megane 2.0 Turbo 16V	[F4R776]	05.04-	113919	14 125		05.04-	114814	12 0.9
		05.04-	114039	14 120 A49				
Megane 2.0 DCi	[M9R610]	04.09-	116216	14 210		07.12-	114074	12 2.2
	[M9R615]	04.09-	116216	14 210		10.10-	114074	12 2.2
	[M9R700]	09.05-	114768	14 120		09.05-	114074	12 2.2
		09.05-	115857	14 150				
		09.05-	116216	14 210				
	[M9R722]	09.05-	114768	14 120		09.05-	114074	12 2.2
		09.05-	115857	14 150				
		09.05-	116216	14 210				
	[M9R724]	01.07-	115857	14 150		01.07-	114074	12 2.2
Megane 2.0 dCi Grandtour	[M9R610]	07.12-	116216	14 210		07.12-	114074	12 2.2
Megane CC 1.2 TCe	[H5F400]	09.12- 08.15	115356	14 150				
		09.12- 08.15	115921	14 120				
Megane CC 1.4 16V	[H4J700]					06.10-	115685	12
Megane CC 1.5 DCi	[K9K837]	06.10-	114721	14 150 A49		06.10-	113897	12 1.4
		06.10-	115651	14 210				
		06.10-	116323*	14 150				
Megane CC 1.6 16V	[K4M858]	06.10-	114463	14 120		06.10-	115728	12 1.2
		06.10-	114721	14 150 A49		06.10-	115842	12 1.0
		06.10-	115382	14 120				
		06.10-	116323*	14 150				
Megane CC 1.6 16V Hi-Flex	[K4M866]	06.10-	114721	14 150		06.10-	115728	12 1.2
		06.10-	116233*	12 150		06.10-	115842	12 1.0
		06.10-	116323*	14 150				
Megane CC 1.6 DCi	[R9M402]	04.11-	114826	14 185 A49		04.11-	115829	12 1.8
		04.11-	116324*	14 150				
Megane CC 1.9 DCi	[F9Q870]	06.10-	115649	14 150		06.10-	114869	12 1.4
		06.10-	115921	14 120				
		06.10-	116066	14 120				
Megane CC 2.0 CVT	[M4R711]					06.10-	115341	12 1.0
	[M4R713]					06.10-	115341	12 1.0
Megane CC 2.0 TCe	[F4R870]	06.10-	115921	14 120		06.10-	115698	12 1.1
	[F4R872]	06.10-	115921	14 120		06.10-	115698	12 1.1
Megane CC 2.0 DCi	[M9R610]	06.10-	116216	14 210		06.10-	114074	12 2.2
Megane Grand Coupe 1.2 Tce 130		10.16-	116240*	12 125				
						10.16-	116262*	12 0.8



Megane Grand Coupe 1.5 DCI 110		10.16-	116355*	14	150			
		10.16-	116323*	14	150			
		10.16-	115431	14	150			
		10.16-	114721	14	150			
		10.16-	114463	14	120			
Megane Grand Coupe 1.5 DCI 90						10.16-	113897	12 1.4
Megane Grand Coupe 1.6 Sce						10.16-	115361	12 1.0
Modus 1.2	[D4F740]	12.04-	114131	14	90 BO	12.04-	111641	12 0.7
		12.04-	116368*	14	90 VA			
	[D4F764]	12.04-	114131	14	90 BO			
		12.04-	116368*	14	90 VA			
	[D4F786]	04.11-	114131	14	90 BO	04.11-	111641	12 0.7
		04.11-	116368*	14	90 VA			
Modus 1.2 16V	[D4F784]	05.07-	114131	14	90 BO			
		05.07-	116368*	14	90 VA			
Modus 1.2 16V Hi-Flex	[D4F740]	10.08-	114131	14	90 BO			
		10.08-	116368*	14	90 VA			
Modus 1.4	[K4J 770]	12.04-	114463	14	120	12.04-	114057	12 1.1
		12.04-	115382	14	120			
	[K4J 780]	12.04-	114463	14	120	12.04-	114057	12 1.1
		12.04-	115382	14	120			
Modus 1.5 DCI	[K9K750]	09.04-	114721	14	150 A49	09.04-	113897	12 1.4
		09.04-	116323*	14	150	10.10-	113927	12 1.4
		09.05-	114463	14	120			
	[K9K752]	12.04-	114463	14	120	12.04-	113897	12 1.4
		12.04-	114721	14	150 A49			
		12.04-	116323*	14	150			
	[K9K760]	12.04-	114463	14	120	09.04-	113897	12 1.4
		12.04-	114721	14	150 A49			
		12.04-	116323*	14	150			
	[K9K762]	12.04-	114463	14	120	09.04-	113897	12 1.4
		12.04-	114721	14	150 A49			
		12.04-	116323*	14	150			
	[K9K764]	05.05-	114463	14	120	05.05-	113897	12 1.4
		05.05-	114721	14	150 A49			
		05.05-	116323*	14	150			
	[K9K766]	12.04-	114463	14	120	12.04-	113897	12 1.4
		12.04-	114721	14	150 A49			
		12.04-	116323*	14	150			
	[K9K768]	12.04-	114463	14	120	12.04-	113897	12 1.4
		12.04-	114721	14	150 A49			
	12.04-	116323*	14	150				
[K9K770]	10.10-	114721	14	150 A49	10.10-	113897	12 1.4	
	10.10-	116323*	14	150				
[K9K772]	05.07-	114463	14	120	05.07-	113897	12 1.4	
	05.07-	114721	14	150 A49				
	05.07-	116323*	14	150				
Modus 1.6	[K4M790]	12.04-	114463	14	120	12.04-	114057	12 1.1
		12.04-	115382	14	120			
	[K4M800]	12.04-	114463	14	120	12.04-	114057	12 1.1
		12.04-	115382	14	120			
	[K4M801]	12.04-	114463	14	120	12.04-	114057	12 1.1
	12.04-	115382	14	120				
Modus 1.6 i 16V	[K4M791]	12.04-	114463	14	120	12.04-	114057	12 1.1
		12.04-	115382	14	120			
	[K4M792]	12.04-	114463	14	120	12.04-	114057	12 1.1
		12.04-	115382	14	120			
	[K4M794]	12.04-	114463	14	120	12.04-	114057	12 1.1
	12.04-	115382	14	120				
R11 1.1	[C1E715]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
	[C1E720]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
R11 1.2	[C1G700]	10.84- 02.86	111082	14	60	10.84- 12.86	110585	12 1.2
	[C1G710]	06.86- 03.91	111082	14	60	06.86- 03.91	110585	12 1.2
R11 1.4	[C1J715]	10.84- 12.85	111082	14	60	03.83- 12.85	110585	12 1.2
	[C2J717]	10.84- 03.91	111082	14	60	05.83- 03.91	110585	12 1.2
	[C2J718]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
	[C2J720]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
	[C2J730]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
	[C2J755]	10.84- 03.91	111082	14	60	05.83- 03.91	110585	12 1.2
	[C2J757]	10.84- 12.84	111082	14	60	03.83- 12.84	110585	12 1.2
	[C2J766]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
	[C2J767]	10.84- 03.91	111082	14	60	03.83- 03.91	110585	12 1.2
	[C2J768]	06.85- 03.91	111082	14	60	06.85- 03.91	110585	12 1.2
	R11 1.4 Turbo	[C1J760]	10.84- 12.86	111082	14	60	09.83- 12.86	110585
[C1J764]		10.84- 03.91	111082	14	60	09.83- 03.91	110585	12 1.2
[C1J770]		06.85- 03.91	111082	14	60	06.85- 03.91	110585	12 1.2
[C1J782]		06.85- 03.91	111082	14	60	06.85- 03.91	110585	12 1.2
R11 1.6 Diesel	[F8M700]					08.83- 03.91	112295	12 1.7
	[F8M720]					08.83- 09.87	112295	12 1.7
	[F8M730]					10.87- 03.91	112295	12 1.7
R11 1.7	[F2N700]					10.83- 12.87	110585	12 1.2
	[F2N704]					10.83- 06.87	110585	12 1.2
	[F2N708]					10.86- 03.91	110585	12 1.2
	[F2N710]					10.86- 03.91	110585	12 1.2
	[F2N730]					10.86- 03.91	110585	12 1.2
	[F2N732]	06.87- 12.88	111082	14	60	06.87- 03.91	110585	12 1.2
	[F2N742]					06.87- 03.91	110585	12 1.2
	[F2N798]					10.86- 03.91	110585	12 1.2
	[F3N708]	06.87- 12.88	111082	14	60	06.87- 12.88	110585	12 1.2
	[F3N718]					10.84- 03.91	110585	12 1.2
						06.80- 08.80	110866	12 0.9
R12 1.3	[810]					06.80- 08.80	110866	12 0.9
R12 1.3 Turbo TS	[810-06]					06.80- 08.80	110866	12 0.9
R18 2.0	[J6R716]					10.81- 07.86	111063	12 1.2
R18 2.0 4x4	[J6R714]					05.83- 12.86	111063	12 1.2
	[J6R716]					05.83- 12.86	111063	12 1.2
R18 2.1 Diesel	[852710]					11.81- 07.86	112541	12 2.2

STARTERS & ALTERNATORS



Application list

RENAULT Continued

	[J8S711]					11.81- 07.86	112541	12	2.2
R18 2.2 1	[J7T718]					06.84- 07.86	111063	12	1.2
R19 1.2	[C1G730]	01.88- 12.01	111082	14	60	01.88- 12.01	110585	12	1.2
		01.88- 12.95	112728	14	55				
R19 1.4	[C2J772]	01.89- 12.89	111082	14	60	01.89- 12.89	110585	12	1.2
		01.89- 12.89	112728	14	55	10.89- 04.92	111251	12	1.1
	[C3J710]	09.88- 10.95	111082	14	60	09.88- 10.95	110585	12	1.2
		09.88- 10.95	112728	14	55	10.89- 04.92	111251	12	1.1
	[E6J700]	01.88- 12.01	111325	14	70	01.88- 12.95	113481	12	1.4
		01.88- 12.95	112756	14	60	01.88- 12.01	110585	12	1.2
	[E6J701]					01.88- 12.01	111251	12	1.1
						01.88- 12.92	110585	12	1.2
						09.88- 12.01	111251	12	1.1
	[E7J]					01.88- 12.92	113481	12	1.4
						03.92- 12.95	111251	12	1.1
						03.92- 12.95	112756	14	60
						PS 03.92- 12.95	111325	14	70
	[E7J706]					PS 03.92- 12.95	112756	14	60
					AC 03.92- 12.95	111325	14	70	
R19 1.4 Chamade	[E7J745]				10.94- 11.95	111251	12	1.1	
R19 1.7	[F2N724]					07.91- 04.92	111251	12	1.1
	[F3N740]					A13 09.88- 12.95	112295	12	1.7
						09.88- 12.95	111251	12	1.1
	[F3N741]					A13 09.88- 12.95	112295	12	1.7
						09.88- 12.95	111251	12	1.1
	[F3N742]					A13 09.88- 04.92	112295	12	1.7
						A32 04.92- 12.95	112295	12	1.7
						AT 07.91- 04.92	112295	12	1.7
						09.88- 06.96	111251	12	1.1
	[F3N743]					A13 09.88- 04.92	112295	12	1.7
					A32 04.92- 12.95	112295	12	1.7	
					AT 09.88- 04.92	112295	12	1.7	
					09.88- 06.96	111251	12	1.1	
					04.92- 12.95	112295	12	1.7	
[F3N746]					08.88- 12.92	111251	12	1.1	
R19 1.7 Chamade	[F2N720]					09.88- 12.92	110585	12	1.2
						09.88- 12.92	111251	12	1.1
	[F2N721]					09.88- 12.92	111251	12	1.1
	[F2N724]					05.92- 11.95	111251	12	1.1
R19 1.8	[F3P682]					A13 11.94- 06.96	113481	12	1.4
						05.92- 06.96	111251	12	1.1
	[F3P700]					04.92- 05.94	111251	12	1.1
	[F3P704]					04.92- 06.96	111251	12	1.1
						04.92- 06.96	113481	12	1.4
	[F3P705]					04.92- 06.96	111251	12	1.1
						04.92- 06.96	113481	12	1.4
	[F3P706]					04.92- 06.96	111251	12	1.1
						04.92- 06.96	113481	12	1.4
	[F3P707]					04.92- 06.96	111251	12	1.1
						04.92- 06.96	113481	12	1.4
	[F3P708]					04.92- 06.96	111251	12	1.1
						04.92- 06.96	113481	12	1.4
	[F3P760]					04.92- 06.96	111251	12	1.1
					04.92- 06.96	113481	12	1.4	
[F3P764]					11.94- 06.96	111251	12	1.1	
					07.94- 06.96	113481	12	1.4	
[F3P765]					10.94- 06.96	111251	12	1.1	
					07.94- 06.96	113481	12	1.4	
R19 1.8 Chamade	[F3P700]					05.92- 11.95	111251	12	1.1
	[F3P765]					05.92- 09.94	111251	12	1.1
R19 1.8 RT	[F3P700]					04.92- 05.94	111251	12	1.1
	[F3P706]					04.92- 12.95	111251	12	1.1
	[F3P760]					04.92- 12.95	111251	12	1.1
R19 1.8 16V	[F7P704]					06.89- 06.96	110585	12	1.2
						06.89- 06.96	112295	12	1.7
						06.89- 06.96	113481	12	1.4
R19 1.9 Diesel	[F8Q706]	09.88- 04.92	113500	14	70	01.88- 12.95	113481	12	1.4
						09.88- 04.92	112295	12	1.7
	[F8Q742]	06.90- 10.95	113500	14	70	06.90- 12.95	113481	12	1.4
					06.90- 10.95	112295	12	1.7	
R19 1.9 DT	[F8Q740]	03.92- 12.95	113500	14	70	09.90- 12.95	112295	12	1.7
						03.92- 12.95	113481	12	1.4
	[F8Q744]	04.92-	113500	14	70	04.92-	112295	12	1.7
R20 2.0	[829.01]					10.77- 10.80	111063	12	1.2
	[829700]					07.82- 12.83	111063	12	1.2
	[829701]					07.82- 12.83	111063	12	1.2
	[829702]					07.82- 12.83	111063	12	1.2
	[829703]					07.82- 12.83	111063	12	1.2
R20 2.2	[851700]					07.82- 12.83	111063	12	1.2
R21 1.4	[C2J770]	09.89- 05.93	112728	14	55	09.89- 03.93	110585	12	1.2
R21 1.7	[F2N710]					03.86- 12.95	110585	12	1.2
						03.86- 12.88	111251	12	1.1
	[F2N712]					03.86- 03.93	110585	12	1.2
						03.86- 03.93	111251	12	1.1
	[F2N750]					03.86- 12.89	110585	12	1.2
					12.89- 12.94	111251	12	1.1	
[F2N752]					06.87- 04.89	110585	12	1.2	



	[F3N722]					A13 09.89-	112295	12	1.7
						AT 03.86-	112295	12	1.7
						03.86- 11.89	110585	12	1.2
						06.86- 12.95	111251	12	1.1
						06.90- 12.94	112295	12	1.7
	[F3N723]					AT 03.86- 12.94	112295	12	1.7
						03.86- 11.89	110585	12	1.2
						06.86- 12.95	111251	12	1.1
	[F3N726]					06.86- 11.89	110585	12	1.2
						09.89- 12.95	111251	12	1.1
R21 1.9 Diesel	[F8Q710]	03.86- 10.93	113500	14	70	03.86- 10.93	112295	12	1.7
R21 2.0	[J6R758]	AC 03.86- 03.93	111319	14	105	03.86- 10.93	111063	12	1.2
	[J6R759]	AC 03.86- 03.93	111319	14	105	03.86- 10.93	111063	12	1.2
	[J6R792]	AC 03.86- 03.93	111319	14	105	03.86- 03.93	111063	12	1.2
	[J6R793]	AC 03.86- 03.93	111319	14	105	03.86- 03.93	111063	12	1.2
	[J7R740]	AC 09.89- 06.94	111319	14	105	09.89- 06.94	111063	12	1.2
	[J7R746]	AC 03.86- 12.94	111319	14	105	03.86- 12.94	111063	12	1.2
	[J7R747]	AC 03.86- 12.94	111319	14	105	03.86- 12.94	111063	12	1.2
	[J7R750]	AC 03.86- 03.93	111319	14	105	03.86- 03.93	111063	12	1.2
	[J7R751]	AC 03.86- 03.93	111319	14	105	03.86- 03.93	111063	12	1.2
R21 2.0 4x4	[J7R740]	AC 12.89- 02.94	111319	14	105	12.89- 02.94	111063	12	1.2
	[J7R746]	AC 06.90- 12.95	111319	14	105				
	[J7R747]	AC 06.90- 12.95	111319	14	105				
R21 2.0 Turbo	[J7R752]	AC 04.87- 03.92	111319	14	105	04.87- 03.92	111063	12	1.2
	[J7R756]	PS 08.87-	111319	14	105	02.90- 10.92	111063	12	1.2
		AC 02.90- 10.92	111319	14	105				
R21 2.0 Turbo 4x4	[J7R752]	AC 08.89- 10.93	111319	14	105	08.89- 10.93	111063	12	1.2
	[J7R756]	AC 02.90- 10.92	111319	14	105	02.90- 10.92	111063	12	1.2
R21 2.1 Diesel	[J8S600]	AC 04.92- 12.95	111319	14	105				
	[J8S704]	AC 03.86- 12.95	111319	14	105				
	[J8S740]	AC 05.89- 12.95	111319	14	105				
	[J8S784]	AC 02.92- 06.94	111319	14	105				
R21 2.1 Diesel 4x4	[J8S704]	AC 10.88- 05.92	111319	14	105				
R21 2.1 TD	[J8S714]	AC 03.86- 03.93	111319	14	105				
	[J8S786]	AC 06.91- 12.95	111319	14	105				
	[J8S788]	AC 09.89- 12.95	111319	14	105				
R21 2.2	[J7T754]	AC 07.86- 12.95	111319	14	105	07.86- 12.95	111063	12	1.2
	[J7T755]	AC 07.86- 12.95	111319	14	105	07.86- 12.95	111063	12	1.2
R21 2.2 4x4	[J7T754]	AC 06.86- 06.94	111319	14	105	06.86- 06.94	111063	12	1.2
	[J7T755]	AC 06.86- 06.94	111319	14	105	06.86- 06.94	111063	12	1.2
R25 2.0	[J6R706]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R707]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R760]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R762]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
	[J6R763]	AC 04.84- 12.92	111319	14	105	04.84- 12.92	111063	12	1.2
R25 2.0 12V	[J7R720]	AC 06.88- 12.93	111319	14	105	06.88- 12.93	111063	12	1.2
	[J7R726]	AC 06.89- 12.92	111319	14	105	06.89- 12.92	111063	12	1.2
R25 2.1 Diesel	[J8S706]	AC 04.84- 05.89	111319	14	105				
	[J8S736]	AC 06.89- 12.92	111319	14	105				
R25 2.1 TD	[J8S708]	AC 04.84- 12.92	111319	14	105				
	[J8S738]	AC 06.89- 12.92	111319	14	105				
R25 2.2	[J7T706]	AC 01.84- 06.92	111319	14	105	01.84- 06.92	111063	12	1.2
	[J7T707]	AC 01.84- 06.92	111319	14	105	01.84- 06.92	111063	12	1.2
	[J7T708]	AC 10.85- 10.86	111319	14	105	10.85- 10.86	111063	12	1.2
	[J7T714]	AC 01.84- 06.92	111319	14	105	01.84- 06.92	111063	12	1.2
	[J7T715]	AC 01.84- 06.92	111319	14	105	04.84- 06.92	111063	12	1.2
	[J7T730]	AC 04.84- 12.89	111319	14	105	04.84- 12.89	111063	12	1.2
	[J7T731]	AC 04.84- 12.89	111319	14	105	04.84- 12.89	111063	12	1.2
	[J7T732]	AC 11.85- 12.92	111319	14	105	11.85- 12.92	111063	12	1.2
	[J7T733]	AC 09.86- 12.92	111319	14	105	09.86- 12.92	111063	12	1.2
R4 0.8	[800]					04.68- 09.83	110856	12	0.6
	[80001]					09.66- 12.88	110856	12	0.6
	[800705]					10.62- 09.83	110367	12	1.0
						04.83- 12.93	110856	12	0.6
	[B1B707]					04.83- 12.93	110856	12	0.6
R4 1.0	[C1C708]					06.87- 06.93	110866	12	0.9
R4 1.1	[688711]					12.81- 12.93	110866	12	0.9
	[688712]					12.81- 12.93	110866	12	0.9
	[C1E714]					12.81- 12.93	110866	12	0.9
	[C1E718]					12.81- 12.93	110866	12	0.9
	[C1E719]					12.81- 12.93	110866	12	0.9
R5 0.8	[800710]					01.82- 12.84	110856	12	0.6
R5 1.0	[C1C700]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
R5 1.1	[C1E726]					10.79- 12.85	110866	12	0.9
	[C1E750]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
	[C1E752]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	111251	12	1.1
	[C1E754]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	111251	12	1.1
	[C1E756]	06.87-	111082	14	60	06.87-	110585	12	1.2
		06.87-	112728	14	55	06.87- 08.90	111251	12	1.1
	[C1E760]	08.90- 12.96	112728	14	55	01.86- 03.95	111251	12	1.1
R5 1.3	[810719]					06.79- 09.84	110367	12	1.0
	[810725]					09.75- 09.84	110367	12	1.0
	[810726]					09.76- 09.79	110367	12	1.0
	[810729]					06.79- 09.84	110367	12	1.0
R5 1.4	[847712]					06.82- 09.84	110866	12	0.9
	[847725]					01.82- 12.85	110367	12	1.0
	[C1J768]	10.84- 12.96	111082	14	60	10.84- 12.96	110585	12	1.2
		10.84- 12.96	112728	14	55	10.84- 12.96	111251	12	1.1
	[C1J780]	10.84- 06.89	111082	14	60	10.84- 06.89	110585	12	1.2
		10.84- 06.89	112728	14	55	10.84- 06.89	111251	12	1.1
	[C2J700]	06.87- 12.96	111082	14	60	10.87- 12.96	110585	12	1.2
		06.87- 12.96	112728	14	55	06.87- 12.96	111251	12	1.1
	[C2J713]					01.82- 12.85	110367	12	1.0

STARTERS & ALTERNATORS



Application list

RENAULT Continued

	[C2J780]	10.84- 06.87	111082	14 60	10.84- 06.87	110585	12 1.2
		10.84- 06.87	112728	14 55	10.84- 06.87	111251	12 1.1
	[C2J781]	10.84- 07.89	111082	14 60	10.84- 07.89	110585	12 1.2
		10.84- 07.89	112728	14 55	10.84- 12.96	111251	12 1.1
	[C2J782]	06.87- 12.96	111082	14 60	06.87- 12.96	110585	12 1.2
		06.87- 12.96	112728	14 55	06.87- 12.96	111251	12 1.1
	[C2J784]	06.87- 12.96	111082	14 60	06.87- 12.96	110585	12 1.2
		06.87- 12.96	112728	14 55	06.87- 12.96	111251	12 1.1
	[C2J788]	10.84- 12.96	111082	14 60	10.84- 12.96	110585	12 1.2
		10.84- 12.96	112728	14 55	10.84- 12.96	111251	12 1.1
	[C2J789]	10.84- 07.89	111082	14 60	10.84- 07.89	110585	12 1.2
		10.84- 07.89	112728	14 55	10.84- 12.96	111251	12 1.1
	[C2J798]	10.84- 07.89	111082	14 60	10.84- 07.89	110585	12 1.2
		10.84- 07.89	112728	14 55	10.84- 07.89	111251	12 1.1
	[C3J700]	10.84- 10.87	111082	14 60	10.84- 10.87	110585	12 1.2
		10.84- 10.87	112728	14 55			
	[C3J702]	10.85- 02.88	111082	14 60	10.85- 02.88	110585	12 1.2
		10.85- 02.88	112728	14 55			
	[C3J760]	10.85- 12.96	111082	14 60	10.85- 12.96	110585	12 1.2
		10.85- 12.96	112728	14 55			
R5 1.4 Alpine A5	[840725]				09.77- 09.81	110866	12 0.9
R5 1.4 Turbo	[840730]				06.80- 01.85	110866	12 0.9
R5 1.4 Turbo Alpine	[840726]				10.81- 01.85	110866	12 0.9
	[C6J750]				10.81- 01.85	110866	12 0.9
R5 1.4 Turbo GT	[C1J782]	10.84- 08.90	111082	14 60	04.84- 08.90	110585	12 1.2
	[C1J784]	10.84- 12.96	111082	14 60	10.84- 12.96	110585	12 1.2
	[C1J788]	06.87- 12.96	111082	14 60	06.87- 12.96	110585	12 1.2
R5 1.6 Diesel	[F8M720]				10.87- 12.96	112295	12 1.7
	[F8M730]				10.87- 12.96	112295	12 1.7
R5 1.7	[F2N740]				06.87- 12.96	111251	12 1.1
	[F2N742]				06.87- 12.96	111251	12 1.1
	[F3N702]				10.86- 12.96	111251	12 1.1
	[F3N716]				10.86- 12.96	111251	12 1.1
	[F3N717]				10.86- 12.96	111251	12 1.1
	[F3N722]				10.86- 12.96	111251	12 1.1
R9 1.1	[C1E715]	10.84- 10.87	111082	14 60	09.81- 10.87	110585	12 1.2
		10.84- 10.87	112728	14 55			
	[C1E720]	10.84- 10.87	111082	14 60	09.81- 10.87	110585	12 1.2
		10.84- 10.87	112728	14 55			
R9 1.2	[C1G700]	09.85- 12.86	111082	14 60	09.85- 12.86	110585	12 1.2
		09.85- 12.86	112728	14 55			
	[C1G710]	12.86- 03.91	111082	14 60	12.86- 03.91	110585	12 1.2
		12.86- 03.91	112728	14 55			
R9 1.4	[C1J715]	10.84- 03.91	111082	14 60	12.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C1J792]	10.84- 03.91	111082	14 60	12.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C1J796]	10.84- 03.91	111082	14 60	12.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C2J717]	10.84- 03.91	111082	14 60	09.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C2J718]	10.84- 03.91	111082	14 60	09.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C2J720]	10.86- 06.87	111082	14 60	10.86- 06.87	110585	12 1.2
		10.86- 06.87	112728	14 55			
	[C2J730]	10.86- 03.91	111082	14 60	10.86- 03.91	110585	12 1.2
		10.86- 03.91	112728	14 55			
	[C2J755]	10.84- 03.91	111082	14 60	09.81- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C2J757]	09.81- 12.85	111082	14 60	09.81- 10.84	110585	12 1.2
		09.81- 12.85	112728	14 55			
	[C2J766]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C2J767]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C2J768]	09.85- 03.91	111082	14 60	09.85- 03.91	110585	12 1.2
		09.85- 03.91	112728	14 55			
R9 1.4 Turbo	[C1J760]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
	[C1J764]	10.84- 03.91	111082	14 60	10.84- 03.91	110585	12 1.2
		10.84- 03.91	112728	14 55			
R9 1.6 Diesel	[F8M700]				10.82- 03.91	112295	12 1.7
	[F8M720]				10.82- 03.91	112295	12 1.7
	[F8M730]				10.82- 03.91	112295	12 1.7
R9 1.7	[F2N708]				10.86- 03.91	110585	12 1.2
	[F2N710]				10.86- 03.91	110585	12 1.2
	[F2N730]				10.86- 03.91	110585	12 1.2
					10.86- 03.91	111251	12 1.1
	[F2N798]				10.86- 12.88	110585	12 1.2
	[F3N708]				06.87- 12.88	110585	12 1.2
					06.87- 12.88	111251	12 1.1
	[F3N718]				10.86- 03.91	110585	12 1.2
					10.86- 03.91	111251	12 1.1
R9 1.7 TXE	[F2N700]				09.84- 03.91	110585	12 1.2
	[F2N704]				09.84- 03.91	110585	12 1.2
Rapid 1.0	[C1C706]	02.86- 05.92	112728	14 55	02.86- 05.92	110585	12 1.2
Rapid 1.1	[C1E750]	07.85- 04.95	111082	14 60	03.86- 07.90	110585	12 1.2
		07.85- 04.95	112728	14 55			
	[C1E752]	07.85- 04.95	111082	14 60	03.86- 06.89	110585	12 1.2
		07.85- 04.95	112728	14 55			
	[C1E754]	07.85- 04.95	111082	14 60	03.86- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55			
	[C1E756]	06.87- 08.91	112728	14 55	06.87- 08.91	110585	12 1.2
	[C1E760]	07.85- 04.95	111082	14 60	08.90- 08.91	110585	12 1.2
		07.85- 04.95	112728	14 55			
	[C1E762]	07.85- 04.95	111082	14 60	09.91- 09.96	110585	12 1.2
		07.85- 04.95	112728	14 55			



	[C1E792]	07.85- 04.95	111082	14	60		03.86- 08.91	110585	12	1.2
		07.85- 04.95	112728	14	55					
Rapid 1.2	[C3G710]	09.91- 10.97	111082	14	60		09.91- 10.97	110585	12	1.2
		09.91- 10.97	112728	14	55		09.91- 10.97	111251	12	1.1
	[C3G712]	09.91- 10.97	111082	14	60		09.91- 10.97	110585	12	1.2
		09.91- 10.97	112728	14	55		09.91- 10.97	111251	12	1.1
	[E7F708]						05.95- 11.98	111251	12	1.1
Rapid 1.4	[C1J768]	07.85- 08.91	111082	14	60		07.85- 08.91	110585	12	1.2
		07.85- 08.91	112728	14	55					
	[C1J780]	07.85- 08.91	111082	14	60		07.85- 08.91	110585	12	1.2
		07.85- 08.91	112728	14	55					
	[C2J784]	06.87- 12.96	111082	14	60		06.87- 09.97	110585	12	1.2
		06.87- 12.96	112728	14	55					
	[C3J700]	03.86- 05.87	111082	14	60		03.86- 05.87	110585	12	1.2
		03.86- 05.87	112728	14	55	A13	03.86- 05.87	113481	12	1.4
	[C3J702]	06.87- 08.91	111082	14	60		08.88- 08.91	111251	12	1.1
		06.87- 08.91	112728	14	55		A13 06.87- 08.91	113481	12	1.4
							06.87- 08.91	110585	12	1.2
	[C3J760]	06.87- 08.91	111082	14	60		08.88- 08.91	111251	12	1.1
		06.87- 08.91	112728	14	55		A13 06.87- 08.91	113481	12	1.4
							06.87- 08.91	110585	12	1.2
	[C3J762]	09.91- 03.97	111082	14	60		09.91- 03.97	111251	12	1.1
		09.91- 03.97	112728	14	55		A13 09.91- 03.97	113481	12	1.4
	[E7J720]	09.91- 10.97	111325	14	70		09.91- 10.97	111251	12	1.1
		09.91- 10.97	112756	14	60		A13 09.91- 10.97	113481	12	1.4
	[E7J724]	09.91- 10.97	111325	14	70		A13 09.91- 10.97	113481	12	1.4
		09.91- 10.97	112756	14	60		09.91- 10.97	111251	12	1.1
	[E7J726]	09.91- 10.97	111325	14	70		09.91- 10.97	111251	12	1.1
		09.91- 10.97	112756	14	60		A13 09.91- 10.97	113481	12	1.4
	[E7J728]	01.94- 03.98	111325	14	70		01.94- 03.98	111251	12	1.1
		01.94- 03.98	112756	14	60					
	[E7J773]	03.94- 10.97	111325	14	70		A13 03.94- 10.97	113481	12	1.4
		03.94- 10.97	112756	14	60		03.94- 10.97	111251	12	1.1
Rapid 1.6 Diesel	[F8M720]						09.91- 08.98	112295	12	1.7
	[F8M730]						09.91- 08.98	112295	12	1.7
	[F8M736]						09.91- 08.98	112295	12	1.7
	[F8M760]						09.91- 08.98	112295	12	1.7
Rapid 1.9 Diesel	[F8Q640]						09.94-	113481	12	1.4
	[F8Q646]	09.91- 03.98	112769	14	60		09.91- 10.97	113481	12	1.4
							09.91- 03.98	112295	12	1.7
	[F8Q682]						09.94- 03.98	113481	12	1.4
	[F8Q722]	09.91- 03.98	112769	14	60		09.91- 09.92	113481	12	1.4
							09.91- 03.98	112295	12	1.7
	[F8Q724]	09.91- 03.98	112769	14	60		09.91- 03.98	113481	12	1.4
							09.91- 03.98	112295	12	1.7
	[F8Q774]	09.91- 03.98	112769	14	60		10.92- 09.96	113481	12	1.4
							09.91- 03.98	112295	12	1.7
	[F8Q776]	09.91- 03.98	112769	14	60		09.91- 03.97	113481	12	1.4
							09.91- 03.98	112295	12	1.7
Rodeo 0.8 4	[80001]						10.70- 08.81	110856	12	0.6
Safrane 1.9 16V	[N7Q710]	09.96-	112557	14	120		07.96- 03.99	112818	12	1.4
	[N7Q711]	09.96-	112557	14	120		07.96- 03.99	112818	12	1.4
Safrane 2.2 TD	[G8T740]	Chas. 970512- 07.96-	112679	14	110					
Safrane 2.5 20V	[N7U700]	07.96-	112557	14	120		07.96- 03.99	112818	12	1.4
	[N7U701]	07.96-	112557	14	120		07.96- 03.99	112818	12	1.4
Sandero 1.0 Hi-Flex		11.07-	115549	14	95		11.07-	114095	12	0.85
		11.07-	113403	14	75					
Sandero 1.6	[K7M710]	12.07-	113940	14	110	A47, A49	12.07-	113932	12	0.85
		12.07-	114879	14	90					
		12.07-	115766	14	110					
		12.07-	116048	14	110					
	[K7M718]	11.10-	114879	14	90		11.10-	113932	12	0.85
		11.10-	115716	14	150					
Sandero 1.6 Hi-Flex		11.07-	113940	14	110	A49, A47	11.07-	113932	12	0.85
		11.07-	116174	14	90					
Sandero/Stepway 1.6		04.14-	116174	14	90		04.14-	113932	12	0.85
Scénic 1.2 Tce 115	[H5F408]	09.16-	116240*	12	125					
Scénic 1.2 Tce 130	[H5F408]	09.16-	116240*	12	125					
Scénic 1.2 Tce	[H5F400]	04.12-	115356	14	150					
		04.12-	115921	14	120					
	[H5F404]	01.13-	115356	14	150					
		01.13-	115921	14	120					
		01.13-	116174	14	90					
Scénic 1.3 Tce 115	[H5H450]	01.18-	116225*	12	150					
Scénic 1.3 Tce 140	[H5H450]	01.18-	116225*	12	150					
Scénic 1.3 Tce 160	[H5H450]	01.18-	116225*	12	150					
Scénic 1.4	[K4J730]	06.03-	113940	14	110	A49, A47	06.03-	113932	12	0.85
		06.03-	113945	14	150					
		06.03-	115716	14	150					
	[K4J740]	06.03-	113940	14	110	A49, A47	06.03-	113932	12	0.85
		06.03-	113945	14	150					
		06.03-	115716	14	150					
Scénic 1.4 16V	[H4J700]						02.09-	115685	12	
	[K4J714]	02.01-	112199	14	75		02.01-	112218	12	1.0
		09.99- 08.03	115711	14	120					
		AC 02.01-	112144	14	98					
	[K4J750]	08.99-	112144	14	98		08.98-	112218	12	1.0
		08.99-	112199	14	75					
		09.99- 08.03	115711	14	120					
		AC 08.99-	112144	14	98					
		A22 08.99-	112144	14	98					
Scénic 1.4 i	[E7J764]						11.96- 04.03	111251	12	1.1
Scénic 1.5 DCi	[K9K636]	04.09-	114721	14	150	A49	04.09-	113897	12	1.4
		04.09-	115651	14	210					
		04.09-	116323*	14	150					

STARTERS & ALTERNATORS



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	[K9K722]	06.03- 06.03- 05.05-	113940 113945 114354	14 110 A49, A47 14 150 14 150		06.03- 05.05-	113927 113897	12 1.4 12 1.4
	[K9K724]	05.05-	114354	14 150		05.05-	113897	12 1.4
	[K9K728]	11.03- 11.03- 01.07- 01.07-	113940 113945 114354 115651	14 110 A49, A47 14 150 14 150 14 210		11.03-	113897	12 1.4
	[K9K729]	11.03- 11.03-	113940 113945	14 110 A49, A47 14 150		11.03-	113897	12 1.4
	[K9K732]	05.05- 05.05- 05.05-	113945 114354 115651	14 150 14 150 14 210		05.05-	113897	12 1.4
	[K9K734]	01.07- 01.07-	114354 115651	14 150 14 210		01.07-	113897	12 1.4
	[K9K830]	04.09- 04.09-	114721 116323*	14 150 A49 14 150		04.09-	113897	12 1.4
	[K9K832]	02.09- 02.09- 02.09-	114721 115651 116323*	14 150 A49 14 210 14 150		02.09-	113897	12 1.4
	[K9K836]	04.09- 04.09- 04.09-	114721 115651 116323*	14 150 A49 14 210 14 150		04.09-	113897	12 1.4
	[K9K837]	04.09- 04.09- 04.09-	114721 115651 116323*	14 150 A49 14 210 14 150		04.09-	113897	12 1.4
	[K9K846]	11.10- 11.10- 11.10- 11.10-	114463 114721 115651 116323*	14 120 14 150 A49 14 210 14 150		11.10-	113897	12 1.4
Scénic 1.6	[K4M700]	09.99- 09.03 09.99- 09.03 09.99- 09.03	112144 112199 115711	14 98 14 75 14 120		09.99- 09.03	112218	12 1.0
	[K4M706]	09.99- 09.03 09.99- 09.03 09.99- 09.03	112144 112199 115711	14 98 14 75 14 120		09.99- 09.03	112218	12 1.0
	[K4M707]	09.99- 09.03 09.99- 09.03 09.99- 09.03	112144 112199 115711	14 98 14 75 14 120		09.99- 09.03	112218	12 1.0
	[K4M776]	09.99- 09.03 09.99- 09.03 09.99- 09.03	112144 112199 115711	14 98 14 75 14 120		09.99- 09.03	112218	12 1.0
		06.01- 09.03 06.01- 09.03	112199 112144	14 75 14 98				
Scénic 1.6 16V Bifuel	[K4M866]	02.09-	116233*	12 150		02.09- 02.09-	115842 115728	12 1.0 12 1.2
Scénic 1.6 16V	[K4M700]	01.99- 01.99- 09.99- 08.03 AC 01.99- A22 01.99-	112144 112199 115711 112144 112144	14 98 14 75 14 120 14 98 14 98		01.99-	112218	12 1.0
	[K4M701]	02.01- 09.99- 08.03 AC 02.00-	112199 115711 112144	14 75 14 120 14 98		02.01-	112218	12 1.0
	[K4M704]	08.98- AC 08.98- A22 09.99- 08.03	112199 112144 115711	14 75 14 98 14 120		08.98-	112218	12 1.0
	[K4M708]	08.99- AC 08.99- A22 09.99- 08.03	112199 112144 115711	14 75 14 98 14 120		08.99-	112218	12 1.0
	[K4M812]	01.07- 01.07- 01.07-	113940 113945 115766	14 110 A49, A47 14 150 14 110		01.07-	113932	12 0.85
	[K4M858]	02.09-	115382	14 120		02.09-	115728	12 1.2
	[K4M9766]	01.07- 01.07- 01.07-	113940 113945 115766	14 110 A49, A47 14 150 14 110		01.07-	113932	12 0.85
	[K4MC813]	01.07- 01.07- 01.07-	113940 113945 115766	14 110 A49, A47 14 150 14 110		01.07-	113932	12 0.85
Scénic 1.6 i 16V	[K4M761]	06.03- 06.03- 06.03- 06.03-	113940 113945 115716 115766	14 110 A49, A47 14 150 14 150 14 110		06.03- 06.03-	112218 113932	12 1.0 12 0.85
	[K4M782]	06.03- 06.03- 06.03- 06.03-	113940 113945 115716 115766	14 110 A47, A49 14 150 14 150 14 110		06.03-	113932	12 0.85
Scénic 1.6 i	[K7M702]					01.96- 04.03 01.96-	111251 115442	12 1.1 12 0.8
Scénic 1.6	[K4M866]	02.09-	115382	14 120		02.09- 02.09-	115842 115728	12 1.0 12 1.2
Scénic 1.6 Flexfuel Hi-Flex	[K4M766]	03.05- 07.10 03.05- 07.10	114721 116323*	14 150 A49 14 150				
Scénic 1.6 DCi	[R9M402]	04.11- 04.11-	114826 116324*	14 185 A49 14 150		04.11-	115829	12 1.8
	[R9M404]	04.11- 04.11-	114826 116324*	14 185 A49 14 150		04.11-	115829	12 1.8
Scénic 1.8 4x4	[F4P722]	07.00- 04.01	115711	14 120		07.00- 04.01	114814	12 0.9
Scénic 1.8 16V	[F4P720]	01.01- 01.01- 08.03	112144 115711	14 98 14 120		11.00- 04.03	113761	12 0.9
	[F4P722]	01.01- 01.01- 08.03	112144 115711	14 98 14 120		01.01- 08.03	113761	12 0.9
Scénic 1.9 DCi	[F9Q732]	11.00- 08.03 12.02- 08.03 AC 11.00-	111718 112458 112458	14 75 14 120 A47 14 120 A47		11.00- 08.03	113930	12 1.4
	[F9Q733]	AC 11.00-	112458	14 120 A47		11.00-	113930	12 1.4



	[F9Q748]	12.02-08.03	111718	14 75		12.02-08.03	113930	12 1.4
		12.02-08.03	112458	14 120 A47				
	[F9Q796]	12.02-08.03	111718	14 75		12.02-08.03	113930	12 1.4
		12.02-08.03	112458	14 120 A47				
	[F9Q804]	06.03-05.05-	113919	14 125		05.05-05.05-	112474	12 1.8
			112144	14 98			115974	12 2.4
			113837	14 150				
			113945	14 150				
			115649	14 150				
	[F9Q812]	06.03-06.03-	113919	14 125		06.03-06.03-	112474	12 1.8
			114039	14 120 A49				
			115649	14 150				
	[F9Q816]	05.05-05.05-	112144	14 98		05.05-05.05-	112474	12 1.8
			113837	14 150				
			115649	14 150				
	[F9Q818]	05.05-05.05-	112144	14 98		05.05-05.05-	112474	12 1.8
			113837	14 150				
			115649	14 150				
	[F9Q870]	02.09-02.09-	115649	14 150		02.09-02.09-	114869	12 1.4
			115921	14 120				
			116066	14 120				
	[F9Q872]	02.09-02.09-	115649	14 150		02.09-02.09-	114869	12 1.4
			115921	14 120				
			116066	14 120				
	[F9QJ803]	05.05-05.05-	112144	14 98		05.05-05.05-	112474	12 1.8
			113837	14 150				
			115649	14 150				
Scénic 1.9 DCi RX4	[F9Q740]	03.99-AC 11.00-	111718	14 75		11.00-08.03	113930	12 1.4
			112458	14 120 A47				
Scénic 1.9 DTi	[F9Q731]	09.99-AC 09.99-	111718	14 75		09.99-09.99-	113481	12 1.4
			112458	14 120 A47			112295	12 1.7
	[F9Q734]					06.97-02.99	112295	12 1.7
						06.97-02.99	113481	12 1.4
	[F9Q736]	09.99-AC 09.99-	111718	14 75		09.99-09.99-	113481	12 1.4
			112458	14 120 A47			112295	12 1.7
	[F9Q744]	11.00-AC 02.01-	111718	14 75		02.01-08.03	113930	12 1.4
			112458	14 120 A47		02.01-08.03	113929	12 1.2
Scénic 2.0	[F4R770]	06.03-04.09	113919	14 125		06.03-04.09	114814	12 0.9
		06.03-04.09	114039	14 120 A49				
		02.08-04.09	115310	14 110				
		02.08-04.09	115419	14 110				
	[F4R771]	06.03-06.03-	113919	14 125		06.03-06.03-	114814	12 0.9
			114039	14 120 A49				
Scénic 2.0 16V	[F4R740]	07.00-07.00-08.03	112144	14 98		03.99-04.03	113761	12 0.9
		AC 07.00-	112144	14 98				
	[F4R741]	07.00-08.03	115711	14 120		03.99-04.03	113761	12 0.9
		03.99-	112144	14 98				
	[F4R746]	07.00-08.03	112144	14 98		07.00-08.03	113761	12 0.9
		07.00-08.03	115711	14 120				
	[M4R710]	02.09-	116184	14 150		02.09-	115341	12 1.0
	[M4R711]	02.09-	116184	14 150		02.09-	115341	12 1.0
Scénic 2.0 16V RX4	[F4R744]	06.00-06.00-08.03	112144	14 98		11.00-04.03	113761	12 0.9
		AC 06.99-	112144	14 98				
	[F4R746]	06.00-08.03	112144	14 98		06.00-08.03	113761	12 0.9
		06.00-08.03	115711	14 120				
Scénic 2.0 i	[F3R...]	AC 11.96-	112679	14 110		11.96-04.03	111251	12 1.1
Scénic 2.0 iDE 16V	[F4R740]	03.00-09.99-08.03	112144	14 98		09.99-08.03	113761	12 0.9
			115711	14 120				
	[F4R741]	09.99-08.03	115711	14 120		09.99-08.03	113761	12 0.9
	[F4R744]	09.99-08.03	115711	14 120		09.99-08.03	113761	12 0.9
	[F4R747]	09.99-08.03	115310	14 110		09.99-08.03	113761	12 0.9
		09.99-08.03	115711	14 120				
Scénic 2.0 Turbo 16V	[F4R776]	05.04-05.04-	113919	14 125		05.04-05.04-	114814	12 0.9
			114039	14 120 A49				
Scénic 2.0 DCi	[M9R610]	04.09-	116216	14 210				
	[M9R615]	02.09-	116216	14 210				
	[M9R700]	09.05-09.05-	114768	14 120		09.05-09.05-	114074	12 2.2
			115857	14 150				
			116216	14 210				
	[M9R721]	09.05-09.05-	114768	14 120		09.05-09.05-	114074	12 2.2
			115857	14 150				
			116216	14 210				
	[M9R722]	09.05-09.05-	114768	14 120		09.05-09.05-	114074	12 2.2
			115857	14 150				
			116216	14 210				
Sport Spider 2.0 16V	[F7R710]					03.95-10.99	111251	12 1.1
	[F7R712]					03.95-10.99	111251	12 1.1
	[F7R720]					03.95-10.99	111251	12 1.1
Super 5 1.0	[C1C700]	10.84-12.96	111082	14 60		10.84-12.96	110585	12 1.2
		10.84-12.96	112728	14 55				
Super 5 1.1	[C1E750]	10.84-12.96	111082	14 60		10.84-12.96	110585	12 1.2
		10.84-12.96	112728	14 55				
	[C1E752]					10.84-06.89	110585	12 1.2
	[C1E754]					10.84-06.89	110585	12 1.2
						10.89-12.90	111251	12 1.1
Super 5 1.2	[C1G702]	10.84-12.96	111082	14 60		10.84-12.96	110585	12 1.2
	[C1G720]	10.86-12.96	111082	14 60		10.86-12.96	110585	12 1.2
	[C1G722]	03.90-12.96	111082	14 60		03.90-12.96	110585	12 1.2
Super 5 1.6 Diesel	[F8M720]					10.84-12.96	112295	12 1.7
Super 5 1.7	[F3N702]					09.88-09.90	111251	12 1.1
Super 5 Box 1.2		07.87-06.89	111082	14 60		07.87-06.89	110585	12 1.2

STARTERS & ALTERNATORS

O.E.M. names and numbers are used for reference purposes only.

* Available while stock last, * Program development.



Application list

RENAULT Continued

Talisman 1.5 DCi 110	[K9K646]	11.15-	115431	14 150				
		11.15-	116355*	14 150				
	[K9K647]	11.15-	115431	14 150				
		11.15-	116355*	14 150				
Thalia 0.9 Tce		04.14-	116174	14 90	04.14-	113932	12 0.85	
		04.14-	116095*	14 90				
Thalia 1.1 16V	[D4F712]	09.08-	113403	14 75	09.08-	111641	12 0.7	
		09.08-	115549	14 95				
Thalia 1.1 LPG	[D4F728]	01.10- 12.13	113403	14 75	01.10- 12.13	111641	12 0.7	
		01.10- 12.13	115549	14 95				
Thalia 1.2 16V	[D4F712]	04.02-	113403	14 75	04.02-	111641	12 0.7	
		04.02-	115549	14 95				
		12.13-	116299	14 90 BO	07.14-	114095	12 0.85	
Thalia 1.4	[K7J700]	09.08- 06.14	112144	14 98	08.00- 06.14	115442	12 0.8	
		09.08- 06.14	112199	14 75				
Thalia 1.4 16V	[K4J712]	AC 05.01-	112144	14 98				
		06.01-	112199	14 75	08.00-	112218	12 1.0	
Thalia 1.5 DCi	[K9K700]	04.02-	114673	14 120	04.02-	113927	12 1.4	
		AC 09.01-	113248	14 120				
		AC 02.03-	114673	14 120				
Thalia 1.5 DCi	[K9K702]	06.01-	113862	14 125 A49	06.01-	113927	12 1.4	
		06.01-	113940	14 110 A49, A47				
	06.01-	116325*	14 125					
	[K9K714]	02.03-	112471	14 125	02.03-	113927	12 1.4	
Thalia 1.6 16V	[K4M734]	AC 02.03-	114673	14 120				
		[K9K740]	AC 06.05-	114673	14 120	06.05-	113927	12 1.4
		09.08-	112144	14 98	09.08-	112218	12 1.0	
Thalia 1.6 16V	[K4M740]	09.08-	112199	14 75				
		04.02-	112199	14 75	04.02-	112218	12 1.0	
Trafic 1.6 dCi 120	[R9M450]	05.14-	116225*	12 150				
Trafic 1.6 dCi 140	[R9M450]	05.14-	116225*	12 150				
Trafic 1.6 dCi 145	[R9M450]	07.15-	116225*	12 150				
Trafic 1.4	[847700]				03.80- 04.89	110866	12 0.9	
	[847701]				03.80- 04.89	110866	12 0.9	
	[C1J700]				03.80- 10.97	110866	12 0.9	
Trafic 1.6	[841705]				05.87- 02.89	110585	12 1.2	
	[A1M707]				05.87- 02.89	110585	12 1.2	
	[A1M708]				05.87- 02.89	110585	12 1.2	
Trafic 1.6 dCi 120	[R9M450]	05.14-	116225*	12 150				
Trafic 1.6 dCi 140	[R9M450]	05.14-	116225*	12 150				
Trafic 1.7	[F1N720]				08.92- 10.97	111251	12 1.1	
	[F1N722]				A13 06.86- 04.89	112295	12 1.7	
					06.86- 04.89	110585	12 1.2	
					05.89- 10.97	111251	12 1.1	
Trafic 1.7	[F1N724]				A13 06.86- 04.89	112295	12 1.7	
					06.86- 04.89	110585	12 1.2	
Trafic 1.9 DCi	[F9Q760]	03.01-	112471	14 125	03.01-	112474	12 1.8	
	[F9Q762]	03.01-	113248	14 120				
Trafic 1.9 DCi 100	[F9Q762]	03.01-	112471	14 125	03.01-	112474	12 1.8	
		03.01-	113248	14 120				
Trafic 1.9 DCi 80	[F9Q762]	AC 03.01-	112471	14 125				
		03.01-	113248	14 120	03.01-	112474	12 1.8	
Trafic 1.9 Diesel	[F8Q606]	06.97-	111718	14 75	06.97-	113481	12 1.4	
					06.97-	112295	12 1.7	
Trafic 2.0	[829720]				03.80- 12.86	111063	12 1.2	
	[829721]				09.80- 12.86	111063	12 1.2	
	[F4R720]	03.01-	114122	14 150	03.01-	114814	12 0.9	
		AC 03.01-	113245	14 125				
	[F4R722]				03.01-	114814	12 0.9	
		AC 03.01-	113245	14 125				
Trafic 2.0 4x4	[J5R716]				06.86- 10.97	111063	12 1.2	
	[J5R722]				06.86- 04.89	111063	12 1.2	
	[J5R726]				03.80- 10.97	111063	12 1.2	
Trafic 2.0 16V	[F4R820]	08.06-	114122	14 150	08.06-	115698	12 1.1	
					08.06-	114814	12 0.9	
Trafic 2.0 DCi	[M9R630]	08.06-	114509	14 150	08.06-	114074	12 2.2	
	[M9R692]	08.06-	114509	14 150	08.06-	114074	12 2.2	
	[M9R780]	08.06-	114509	14 150	08.06-	114074	12 2.2	
	[M9R782]	08.06-	114509	14 150	08.06-	114074	12 2.2	
	[M9R786]	08.06-	114509	14 150	08.06-	114074	12 2.2	
Trafic 2.2	[J7T780]				03.89- 10.97	111063	12 1.2	
Trafic 2.2 4x4	[J7T780]				05.89- 06.94	111063	12 1.2	
Trafic 2.5 DCi	[G9U630]	08.06-	113837	14 150	08.07-	112475	12 2.1	
		08.06-	114700	14 150				
	[G9U730]	03.01-	112471	14 125	03.01-	112475	12 2.1	
		03.01-	113245	14 125				
Trafic 2.5 Diesel	[8140.61.240]	09.80- 04.89	110889	14 75	03.89-	113134	12 2.2	
					03.80- 03.01	110814	12 2.7	
	[8140.67.2500]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2	
	[8140.67.2550]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2	
	[8140.67.2580]	03.89- 03.01	110889	14 75	03.89- 03.01	113134	12 2.2	
	[S8U720]	09.80- 09.81	110889	14 75	03.80- 03.01	110814	12 2.7	
					03.89-	113134	12 2.2	
	[S8U722]	09.80- 04.89	110889	14 75	03.89-	113134	12 2.2	
				03.80- 03.01	110814	12 2.7		
				03.89- 03.01	113134	12 2.2		



	[S8U752]	03.89- 03.01	110889	14	75		03.89- 03.01	113134	12	2.2
	[S8U758]	05.89- 03.01	110889	14	75		05.89- 03.01	113134	12	2.2
Trafic 2.5 Diesel 4x4	[8140.67.2500]	05.89-	110889	14	75		05.89-	113134	12	2.2
	[8140.67.2580]	05.89-	110889	14	75		05.89-	113134	12	2.2
	[814067.2500]	08.99-	110889	14	75		03.89- 10.97	113134	12	2.2
	[814067.2550]	08.99-	110889	14	75					
	[814067.2580]	08.99-	110889	14	75		03.89- 10.97	113134	12	2.2
	[S8U750]	05.89-	110889	14	75		05.89-	113134	12	2.2
	[S8U752]	05.89-	110889	14	75		05.89-	113134	12	2.2
	[S8U758]	08.99-	110889	14	75		08.99-	113134	12	2.2
Twingo 0.9 Tce 110	[H4B401]	11.16-	116240*	12	125		11.16-	116262*	12	0.8
Twingo 0.9 TCe 90	[H4B401]	09.14-	116240*	12	125					
Twingo 1.0 Sce 70	[H4D400]	09.14-	116240*	12	125		09.14-	116262*	12	0.8
Twingo 1.1 100	[D4F780]	02.11-	114131	14	90	BO	02.11-	114095	12	0.85
		02.11-	116368*	14	90	VA				
	[D4F782]	02.11-	114131	14	90	BO	02.11-	114095	12	0.85
		02.11-	116368*	14	90	VA				
Twingo 1.2	[C3G700]	03.93- 08.96	111803	14	60					
	[C3G702]	03.93- 08.97	111803	14	60					
	[D7F700]	05.00-	113403	14	75		05.96- 02.04	111641	12	0.7
		09.96- 02.98	112165	14	75	DR				
		09.96-	113577	14	75					
		AC 09.96- 01.98	112165	14	75					
	[D7F701]	05.00-	113403	14	75		05.96- 02.04	111641	12	0.7
		09.96- 02.98	112165	14	75	DR				
		09.96-	113577	14	75					
		AC 09.96- 01.98	112165	14	75					
	[D7F702]	05.00-	113403	14	75		05.96- 02.04	111641	12	0.7
		09.98-	113577	14	75					
	[D7F703]	05.00-	113403	14	75		01.96- 02.04	111641	12	0.7
	[D7F704]	05.00-	113403	14	75		05.96-	111641	12	0.7
		05.96-	113577	14	75					
	[D7F706]	09.98-	113577	14	75		09.98-	111641	12	0.7
[D7F800]	03.07-	114131	14	90	BO	03.07-	114095	12	0.85	
	03.07-	115648	14	85						
	03.07-	116368*	14	90	VA					
Twingo 1.2 16V	[D4F702]	09.00-	113403	14	75		09.00- 02.04	111641	12	0.7
	[D4F704]	01.01-	113403	14	75		09.00- 02.04	111641	12	0.7
	[D4F708]	08.04-	113403	14	75					
	[D4F764]	03.07-	114131	14	90	BO	03.07-	114095	12	0.85
		03.07-	116368*	14	90	VA				
		03.08-	115648	14	85					
Twingo 1.2 Turbo	[D4F780]	03.07-	114131	14	90	BO	03.07-	114095	12	0.85
		03.07-	116368*	14	90	VA				
	[D4F782]	03.07-	114131	14	90	BO	03.07-	114095	12	0.85
		03.07-	116368*	14	90	VA				
Twingo 1.2 LPG	[D7F702]	10.03-	113403	14	75		10.03-	111641	12	0.7
	[D7F708]	10.03-	113403	14	75		10.03-	111641	12	0.7
Twingo 1.5 DCi	[K9K718]	04.08-	114463	14	120		04.08-	113897	12	1.4
	[K9K740]	03.07-	113940	14	110	A49, A47	03.07-	113897	12	1.4
		03.07-	114463	14	120					
Twingo 1.6 RS	[K9K820]						10.10-	113897	12	1.4
	[K4M754]						05.08-	114057	12	1.1
	[K4M854]						05.08-	114057	12	1.1
Twingo Van 1.2	[D4F702]	01.01- 06.12	113403	14	75		01.01- 06.12	111641	12	0.7
Vel Satis 2.0	[F4R867]					04.05-	114814	12	0.9	
Vel Satis 2.0 Turbo 16V	[F4R762]	06.02-	113245	14	125		06.02-	114814	12	0.9
		06.02-	114122	14	150					
	[F4R763]	06.02-	113245	14	125		06.02-	114814	12	0.9
		06.02-	114122	14	150					
	[F4R766]	04.04-	113837	14	150		04.04-	114814	12	0.9
	[F4R767]						04.04-	114814	12	0.9
Vel Satis 2.0 Turbo	[F4R867]					07.05-	114814	12	0.9	
Vel Satis 2.0 DCi	[M9R760]	08.05-	114509	14	150		08.05-	114074	12	2.2
		08.05-	114670	14	210					
	[M9R762]	01.06-	114509	14	150		01.06-	114074	12	2.2
		01.06-	114670	14	210					
	[M9R763]	01.06-	114509	14	150		01.06-	114074	12	2.2
		01.06-	114670	14	210					
Vel Satis 2.2 CDI	[G9T702]	06.02-	113245	14	125		06.02-	112475	12	2.1
	[G9T703]	06.02-	113245	14	125		06.02-	112475	12	2.1
Vel Satis 2.2 DCi	[G9T600]	04.04-	114122	14	150		04.04-	114161	12	2.4
	[G9T606]	09.04- 12.10	114122	14	150		09.04- 12.10	114161	12	2.4
	[G9T607]	09.04-	114122	14	150		09.04-	114161	12	2.4
	[G9T700]	09.04-	114122	14	150		09.04-	114161	12	2.4
	[G9T702]	09.04-	114122	14	150		09.04-	114161	12	2.4
Vel Satis 3.0 DCi	[P9X715]					06.06-	114526	12	2.0	
Vel Satis 3.5 V6	[V4Y701]	06.02-	114301	14	150		06.02-	115686	12	1.4
	[V4Y711]						06.02-	115686	12	1.4
Wind 1.1 100	[D4F780]	02.11-	114131	14	90	BO	02.11-	114095	12	0.85
		02.11-	116368*	14	90	VA				
Wind 1.2	[D4F782]	07.10-	114131	14	90	BO	07.10-	114095	12	0.85
		07.10-	116368*	14	90	VA				
Wind 1.6	[K4M854]	07.10-	115411	14	110		07.10-	114057	12	1.1
AGRICULTURE										
Various Models 926 936	[BF6L1013FL]	01.02- 01.03	115833	14	120					
MARINE										
Various Models			110048	14	70					
Renault Agriculture										
AGRICULTURE										
610 RX,RZ	[6059D]		114513	14	95					
620 RX,RZ	[6068D]		114513	14	95					
630 RX,RZ	[6068T]		114513	14	95					
640 RZ	[6068T]		114513	14	95					

STARTERS & ALTERNATORS



Application list

RENAULT AGRICULTURE *Continued*

710	[DPSG-6068T1]		114514	14	95			113532	12	3.0
720	[DPSG-6068T2]							113532	12	3.0
725 6.8	[HRT51]		114514	14	95			113532	12	3.0
735 6.8	[HRT52]		114514	14	95			113532	12	3.0
815 6.8	[TRT52]		114514	14	95			113532	12	3.0
825 6.8	[HRT151]		114514	14	95			113532	12	3.0
836	[DPSG-6068T2]							113532	12	3.0
Various Models								111332	12	2.7
								113432		
Renault Trucks										
PASSENGER CARS EU										
150.35 3.0 Diesel							05.04- 12.13	114032	12	2.5
Mascott 3.0 Diesel	[DXI3]						07.04- 12.13	114032	12	2.5
Renault V.I.										
PASSENGER CARS EU										
110.35 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
	[8140.43.C.2586]	01.99- 01.01	113280	14	90		01.99- 01.01	115505	12	2.3 A49
		01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
110.50 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
	[8140.43.C.2586]	01.99- 01.01	113280	14	90		01.99- 01.01	115505	12	2.3 A49
		01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
110.55 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
	[8140.43.C.2586]	01.99- 01.01	113280	14	90		01.99- 01.01	115505	12	2.3 A49
		01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
110.60 2.8	(Mascott)[8140.43.B.3586]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.B.3588]	01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
	[8140.43.C.2586]	01.99- 01.01	113280	14	90		01.99- 01.01	115505	12	2.3 A49
		01.99- 06.04	114701	14	120		01.99- 06.04	112441	12	2.3
120.35 3.0	(Mascott)[DXI3]						05.04-	114032	12	2.5
	[ZD3A600]	05.04- 12.10	115317	14	120		05.04-	114032	12	2.5
120.55 3.0	(Mascott)[DXI3]						05.04-	114032	12	2.5
	[ZD3A600]						05.04-	114032	12	2.5
120.65 3.0	(Mascott)[DXI3]						05.04-	114032	12	2.5
	[ZD3A600]						05.04-	114032	12	2.5
130.35 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90		01.99- 01.01	112441	12	2.3
		01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.S.3585]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
							01.99- 06.04	112441	12	2.3
130.55 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90		01.99- 01.01	112441	12	2.3
		01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.S.3585]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
							01.99- 06.04	112441	12	2.3
130.65 2.8	(Mascott)[8140.43.S.2585]	01.99- 01.01	113280	14	90		01.99- 01.01	112441	12	2.3
		01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
	[8140.43.S.3585]	01.99- 06.04	114701	14	120		01.99- 06.04	115505	12	2.3 A49
							01.99- 06.04	112441	12	2.3
140.35 2.8	(Mascott)[8140.43k]	01.01-	113280	14	90		01.01- 06.04	115505	12	2.3 A49
		01.01- 06.04	114701	14	120		01.01-	112441	12	2.3
140.55 2.8	(Mascott)[8140.43k]	01.01-	113280	14	90		01.01- 06.04	115505	12	2.3 A49
		01.01- 06.04	114701	14	120		01.01-	112441	12	2.3
140.65 2.8	(Mascott)[8140.43k]	01.01-	113280	14	90		01.01-	112441	12	2.3
		01.01- 06.04	114701	14	120		01.01- 06.04	115505	12	2.3 A49
150.35 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14	90		10.01- 06.04	115505	12	2.3 A49
		10.01- 06.04	114701	14	120		10.01-	112441	12	2.3
150.55 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14	90		10.01-	112441	12	2.3
		10.01- 06.04	114701	14	120		10.01- 06.04	115505	12	2.3 A49
150.65 2.8	(Mascott)[8140.43N.3585]	10.01-	113280	14	90		10.01-	112441	12	2.3
		10.01- 06.04	114701	14	120		10.01- 06.04	115505	12	2.3 A49
160.35 3.0	(Mascott)[DXI3]	05.04- 12.10	113993	14	135					
	[ZD3A604]	05.04- 12.10	115317	14	120		05.04-	114032	12	2.5
		05.04- 12.10	113993	14	135					
		05.04- 12.10	115317	14	120		05.04-	114032	12	2.5
160.55 3.0	(Mascott)[DXI3]						05.04-	114032	12	2.5
	[ZD3A604]						05.04-	114032	12	2.5
160.65 3.0	(Mascott)[DXI3]						05.04-	114032	12	2.5
	[ZD3A604]						05.04-	114032	12	2.5
90.35 2.8	(Mascott)[8140.63.2585]	01.99- 01.01	113280	14	90		01.99- 12.01	115505	12	2.3 A49
		01.99- 12.01	114701	14	120		01.99- 01.01	112441	12	2.3
B 110.45 2.8	(Messenger)[8140.23.2565]	06.96- 06.99	110889	14	75					
	[8140.23.2585]	06.96- 06.99	111319	14	105		06.96- 06.99	113134	12	2.2
		06.96- 06.99	110889	14	75					
		06.96- 06.99	111319	14	105		06.96- 06.99	113134	12	2.2
B 120.35 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75					
		06.96- 06.99	111319	14	105		06.96- 06.99	113134	12	2.2
B 120.55 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14	75					
		07.94- 07.96	111319	14	105		07.94- 07.96	113134	12	2.2
B 120.55 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75					
		06.96- 06.99	111319	14	105		06.96- 06.99	113134	12	2.2
B 120.65 2.5	(Messenger)[8140.47.2585]	07.94- 07.96	110889	14	75					
		07.94- 07.96	111319	14	105		07.94- 07.96	113134	12	2.2
B 120.65 2.8	(Messenger)[8140.43.2585]	06.96- 06.99	110889	14	75					
		06.96- 06.99	111319	14	105		06.96- 06.99	113134	12	2.2
B 70 2.4 Diesel	[8140.61.235]	01.83- 12.90	110889	14	75		11.85- 12.90	113134	12	2.2
B 80.35 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14	75					
		08.90- 06.94	111319	14	105		08.90- 06.94	113134	12	2.2



	[8140.07.2585]	07.94- 07.96	110889	14 75				
		07.94- 07.96	111319	14 105		07.94- 07.96	113134	12 2.2
	[8140.67.2585]	06.96- 06.99	110889	14 75				
		06.96- 06.99	111319	14 105		06.96- 06.99	113134	12 2.2
B 80.45 2.5	(Messenger)[8140.07.2530ID]	08.90- 06.94	110889	14 75				
		08.90- 06.94	111319	14 105		08.90- 07.96	113134	12 2.2
	[8140.07.2585]	07.94- 07.96	110889	14 75				
		07.94- 07.96	111319	14 105		07.94- 07.96	113134	12 2.2
	[8140.67.2585]	06.96- 06.99	110889	14 75				
		06.96- 06.99	111319	14 105		06.96- 06.99	113134	12 2.2
B 90 2.4 Diesel	[8140.21.235 IDS]	01.86- 06.94	110889	14 75		04.86- 01.92	113134	12 2.2
B 90 2.5 Diesel	[8140.27.2530 IDS]	08.90- 01.92	110889	14 75				
		08.90- 01.92	111319	14 105		08.90- 01.92	113134	12 2.2
TRUCKS EU								
300 9.8	(Ares)[MIDR 06.20.45 R41]	04.98-	112189	28 80				
		04.98-	112343	28 140		04.98-	111231	24 6.6
340 9.8	(Ares)[MIDR 06.20.45 M41]	04.98-	112189	28 80				
		04.98-	112343	28 140		04.98-	111231	24 6.6
380 11.1	(Ares)[MIDR 06.23.56 A41]	06.00-	112189	28 80				
		06.00-	112343	28 140		06.00-	111231	24 6.6
110.28 2.5	(Mascott)[DXi2,5]	03.07-	114244	14 130				
	(Maxity)[DXi2,5]	03.07-	114244	14 130				
110.32 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
110.35 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
130.35 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
130.45 2.5	(Maxity)[DXi2,5]	03.07-	114244	14 130				
135.08 4.1	(Midlum)[MIDR04.02.26A/4]	01.00-	114809	28 80				
		01.00-	115454	28 40				
		01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
135.09 4.1	(Midlum)[MIDR04.02.26A/4]	01.00-	114809	28 80				
		01.00-	115454	28 40				
		01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
135.10 4.1	(Midlum)[MIDR04.02.26A/4]	01.00-	115454	28 40				
		01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
150.08 4.1	(Midlum)[DCi4B]	10.01-	112189	28 80				
		10.01-	116042	28 60		10.01-	113466	24 4.0
	[MIDR04.02.26B/4]	01.00-	114809	28 80				
		01.00-	115454	28 40				
		01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
150.09 4.1	(Midlum)[MIDR04.02.26B/4]	01.00-	114809	28 80				
		01.00-	115454	28 40				
		01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
150.10 4.1	(Midlum)[DCi4B]	10.01-	112189	28 80				
		10.01-	116042	28 60		10.01-	113466	24 4.0
	[MIDR04.02.26B/4]	01.00-	115454	28 40				
		01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
150.12 4.1	(Midlum)[DCi4B]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
	[MIDR04.02.26B/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
160.08 4.8	(Midlum)[DXi5]	05.06-	110163	28 45				
		05.06-	111331	28 60				
		05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
160.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
160.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	115894	24 5.5 A49
						05.06-	114733	24 5.5
180.08 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80				
		10.01-	116042	28 60		10.01-	113466	24 4.0
180.08 6.2	(Midlum)[MIDR06.02.26V/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
180.09 6.2	(Midlum)[MIDR06.02.26V/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
180.10 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80				
		10.01-	116042	28 60		10.01-	113466	24 4.0
180.10 6.2	(Midlum)[MIDR06.02.26V/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
180.12 4.1	(Midlum)[DCi4C]	07.01-	112189	28 80				
		10.01-	116042	28 60		10.01-	113466	24 4.0
180.12 6.2	(Midlum)[MIDR06.02.26V/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
190.08 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
190.10 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
190.12 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
190.13 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
190.14 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
190.16 4.8	(Midlum)[DXi5]	05.06-	114303	28 100		05.06-	114733	24 5.5
		05.06-	116015*	28 80		05.06-	115894	24 5.5 A49
210.08 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
210.09 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				
210.10 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-	116042	28 60		01.00-	113466	24 4.0
		02.00- 06.01	112189	28 80				

STARTERS & ALTERNATORS



Application list

RENAULT V.I. Continued

210.12 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
210.13 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
210.14 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
210.15 6.2	(Midlum)[MIDR06.02.26W/4]	01.00-01.00-01.00-	112189 115454 116042	28 80 28 40 28 60	01.00-	113466	24 4.0
210.16 6.2	(Distribution)[MIDR06.02.26W/4]	04.96-12.99	112189	28 80			
	(Midlum)[MIDR06.02.26W/4]	04.96-	116042	28 60	04.96-	113466	24 4.0
		01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
210.18 6.2	(Distribution)[MIDR06.02.26W/4]	04.96-	112189	28 80			
		04.96-	116042	28 60	04.96-	113466	24 4.0
220.08 4.8	(Midlum)[DXi5]	05.06-	116015*	28 80	05.06-05.06-	115894 114733	24 5.5 A49 24 5.5
220.08 6.2	(Midlum)[DCi6W]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
220.10 4.8	(Midlum)[DXi5]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
220.10 6.2	(Midlum)[DCi6W]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
220.12 4.8	(Midlum)[DXi5]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
220.12 6.2	(Midlum)[DCi6W]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
220.13 4.8	(Midlum)[DXi5]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
220.13 6.2	(Midlum)[DCi6W]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
220.14 4.8	(Midlum)[DXi5]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
220.14 6.2	(Midlum)[DCi6W]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
220.15 6.2	(Midlum)[DCi6W]	07.01-10.01-	112189 116042	28 80 28 60	10.01-	113466	24 4.0
220.16 4.8	(Midlum)[DXi5]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
220.16 6.2	(Midlum)[DCi6W]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
220.18 6.2	(Distribution)[DCi6W]	04.96-	112189	28 80			
	(Midlum)[DCi6W]	04.96-07.01-10.01-	116042 112189 116042	28 60 28 80 28 60	04.96-10.01-	113466	24 4.0
240.12 7.2	(Midlum)[DXi7]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
240.13 7.2	(Midlum)[DXi7]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
240.14 7.2	(Midlum)[DXi7]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
240.15 7.2	(Midlum)[DXi7]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
240.16 7.2	(Midlum)[DXi7]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
240.18 7.2	(Distribution)[DXi7]	05.06-05.06-	114303 116015*	28 100 28 80	05.06-05.06-	114733 115894	24 5.5 24 5.5 A49
	(Midlum)[DXi7]	05.06-05.06-05.06-	114303 116014 116015*	28 100 28 100 28 80	05.06-05.06-	115894 114733	24 5.5 A49 24 5.5
250.12 6.2	(Midlum)[MIDR06.02.26Y/41]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
250.13 6.2	(Midlum)[MIDR06.02.26Y/41]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
250.14 6.2	(Midlum)[MIDR06.02.26Y/41]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
250.15 6.2	(Midlum)[MIDR06.02.26Y/41]	01.00-02.00-06.01	116042 112189	28 60 28 80	01.00-	113466	24 4.0
250.16 6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-12.99	112189	28 80			
	(Midlum)[MIDR06.02.26Y/41]	04.96-01.00-02.00-06.01	116042 112189	28 60 28 80	04.96-01.00-	113466	24 4.0
250.18 6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-04.96-	112189 116042	28 80 28 60	04.96-	113466	24 4.0
250.19 6.2	(Distribution)[MIDR06.02.26Y/41]	04.96-12.99	112189	28 80			
		04.96-	116042	28 60	04.96-	113466	24 4.0
260.16 9.8	(Distribution)[MIDR06.20.45C/4]	04.96-12.99	112189	28 80	04.96-09.98	111231	24 6.6
260.18 9.8	(Distribution)[MIDR06.20.45C/4]	04.96-12.99	112189	28 80			
	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28 80	06.97-06.97-12.99	115883 111231 113676	24 5.5 A49 24 6.6 24 5.5
260.19 9.8	(Distribution)[MIDR06.20.45C/4]	04.96-12.99	112189	28 80	04.96-09.98	111231	24 6.6
270.12 6.2	(Midlum)[DCi6A]	07.01-10.01-	112189 116042	28 80 28 60	10.01-	113466	24 4.0
270.13 6.2	(Midlum)[DCi6A]	07.01-10.01-	112189 116042	28 80 28 60	10.01-	113466	24 4.0
270.14 6.2	(Midlum)[DCi6A]	07.01-10.01-	112189 116042	28 80 28 60	10.01-	113466	24 4.0
270.16 6.2	(Midlum)[DCi6A]	07.01-10.01-	112189 116042	28 80 28 60	10.01-	113466	24 4.0
270.18 11.1	(Kerax)[DCi11-270]	01.01-	114508	28 90	01.01-01.01-01.01-01.01-12.01	115882 113672 113673 115881	24 5.5 A49 24 5.5 24 5.5 24 5.5 A49
270.18 6.2	(Distribution)[DCi6A]	08.00-08.03	116042	28 60			
	(Midlum)[DCi6A]	07.01-10.01-	112189 116042	28 80 28 60	08.00-10.01-	113466	24 4.0



270.18 7.2	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
270.19 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
280.12 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5	
		05.06-	116015*	28 80	05.06-	115894	24 5.5	A49
280.13 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5	
		05.06-	116015*	28 80	05.06-	115894	24 5.5	A49
280.14 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5	
		05.06-	116015*	28 80	05.06-	115894	24 5.5	A49
280.16 7.2	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	115894	24 5.5	A49
					05.06-	114733	24 5.5	
280.18 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
		10.05-	116015*	28 80	10.05-	115894	24 5.5	A49
	(Midlum)[DXi7]	05.06-	114303	28 100	05.06-	114733	24 5.5	
		05.06-	116015*	28 80	05.06-	115894	24 5.5	A49
280.26 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
		10.05-	116015*	28 80	10.05-	115894	24 5.5	A49
300.16 9.8	(Distribution)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	04.96-	115883	24 5.5	A49
					04.96-	113676	24 5.5	
	(Route)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96-	115883	24 5.5	A49
					09.96-	113676	24 5.5	
300.18 9.8	(Distribution)[MIDR06.20.45D/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49
					04.96- 09.98	111231	24 6.6	
	(Kerax)[MIDR06.20.45D/41]	01.00-	112189	28 80	04.96-	113676	24 5.5	
					06.97- 12.99	115883	24 5.5	A49
	(Route)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	06.97-	111231	24 6.6	
					06.97-	113676	24 5.5	
300.19 9.8	(Distribution)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96-	115883	24 5.5	A49
					09.96-	111231	24 6.6	
	(Route)[MIDR06.20.45D/41]	02.96- 12.99	112189	28 80	09.96-	113676	24 5.5	
					09.96-	115883	24 5.5	A49
300.26 9.8	(Distribution)[MIDR06.20.45D/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49
					04.96- 09.98	111231	24 6.6	
	(Kerax)[MIDR06.20.45D/41]	01.00-	112189	28 80	04.96-	113676	24 5.5	
					06.97-	115883	24 5.5	A49
	[MIDR06.20.45E/41]	01.00-	112189	28 80	06.97- 12.99	111231	24 6.6	
					06.97-	113676	24 5.5	
310.18 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
310.19 7.2	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
310.26 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
	(Premium 2)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
320.18 11.1	(Distribution)[DCi11G]	08.00-	114508	28 90	08.00-	115882	24 5.5	A49
		04.01-	112189	28 80	08.00-	115881	24 5.5	A49
	(Kerax)[DCi11G]	01.01-	114508	28 90	08.00-	113672	24 5.5	
					08.00-	113673	24 5.5	
	(Route)[DCi11G]	08.00-	114508	28 90	01.01-	115882	24 5.5	A49
		04.01-	112189	28 80	01.01-	113672	24 5.5	
					01.01-	113673	24 5.5	
					01.01-	115881	24 5.5	A49
320.18 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
		10.05-	116015*	28 80	10.05-	115894	24 5.5	A49
320.24 11.1	(Distribution)[DCi11G]	08.00-	114508	28 90	08.00-	115882	24 5.5	A49
		04.01-	112189	28 80	08.00-	115881	24 5.5	A49
					08.00-	113672	24 5.5	
					08.00-	113673	24 5.5	
320.26 11.1	(Distribution)[DCi11G]	08.00-	112189	28 80	08.00-	115881	24 5.5	A49
		08.00-	114508	28 90	08.00-	115882	24 5.5	A49
	(Kerax)[DCi11G]	01.01-	112189	28 80	08.00-	113672	24 5.5	
		01.01-	114508	28 90	08.00-	113673	24 5.5	
320.26 7.2	(Distribution)[DXi7]	10.05-	114303	28 100	10.05-	114733	24 5.5	
		10.05-	116015*	28 80	10.05-	115894	24 5.5	A49
330.18 10.8	(Route)[DXi11]	10.05-	114880	28 110 MI				
340.18 7.2	(Distribution)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
	(Lander)[DXi7]	10.06-	114303	28 100	10.06-	114733	24 5.5	
		10.06-	116015*	28 80	10.06-	115894	24 5.5	A49
340.18 9.8	(Distribution)[MIDR06.20.45E/41]	04.96-	112189	28 80	04.96- 12.99	111231	24 6.6	
					04.96-	113676	24 5.5	
	(Kerax)[MIDR06.20.45C/4]	06.97-	112189	28 80	04.96-	115883	24 5.5	A49
					06.97- 12.99	111231	24 6.6	
					06.97-	113676	24 5.5	

STARTERS & ALTERNATORS



Application list

RENAULT V.I. Continued

	[MIDR06.20.45E/41]	06.97-	112189	28 80	06.97- 06.97- 12.99 06.97-	115883 111231 113676	24 5.5 24 6.6 24 5.5	A49
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80	04.96- 11.99 04.96- 04.96-	111231 113676 115883	24 6.6 24 5.5 24 5.5	A49
340.19 7.2	(Distribution)[DXi7]	10.06- 10.06-	114303 116015*	28 100 28 80	10.06- 10.06-	114733 115894	24 5.5 24 5.5	A49
	(Lander)[DXi7]	10.06- 10.06-	114303 116015*	28 100 28 80	10.06- 10.06-	114733 115894	24 5.5 24 5.5	A49
340.19 9.8	(Distribution)[MIDR06.20.45E/41]	04.96- 12.99	112189	28 80	04.96- 12.99	111231	24 6.6	
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80	04.96- 04.96-	115883 113676	24 5.5 24 5.5	A49
340.24 9.8	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80	04.96- 04.96-	115883 113676	24 5.5 24 5.5	A49
340.26 7.2	(Distribution)[DXi7]	10.06- 10.06-	114303 116015*	28 100 28 80	10.06- 10.06-	114733 115894	24 5.5 24 5.5	A49
	(Lander)[DXi7]	10.06- 10.06-	114303 116015*	28 100 28 80	10.06- 10.06-	114733 115894	24 5.5 24 5.5	A49
	(Premium 2)[DXi7]	10.06- 10.06-	114303 116015*	28 100 28 80	10.06- 10.06-	114733 115894	24 5.5 24 5.5	A49
340.26 9.8	(Distribution)[MIDR06.20.45E/41]	04.96-	112189	28 80	04.96- 12.99 04.96-	115883 111231 113676	24 5.5 24 6.6 24 5.5	A49
	(Kerax)[MIDR06.20.45E/41]	06.97- 01.01	112189	28 80	06.97- 01.01 06.97- 12.99 06.97- 01.01	115883 111231 113676	24 5.5 24 6.6 24 5.5	A49
	(Route)[MIDR06.20.45E/41]	01.00-	112189	28 80	04.96- 04.96- 11.99 04.96-	115883 111231 113676	24 5.5 24 6.6 24 5.5	A49
340.32 9.8	(Kerax)[MIDR06.20.45E/41]	06.97-	112189	28 80	06.97- 06.97- 12.99 06.97- 06.97-	115883 111231 113673 113676	24 5.5 24 6.6 24 5.5 24 5.5	A49
350.34 11.1	(Kerax)[MIDR06.23.56A/3]				01.03- 01.03-	113676 115883	24 5.5 24 5.5	A49
370.18 10.8	(Distribution)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI	10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI	10.05- 10.05- 10.05-	114193 115593 115877	24 5.5 24 5.5 24 5.5	A49
370.18 11.1	(Distribution)[DCi11E]	08.00- 04.01-	114508 112189	28 90 28 80	08.00- 08.00- 08.00- 08.00-	113673 113672 115881 115882	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Kerax)[DCi11E]	01.01- 01.01-	112189 114508	28 80 28 90	01.01- 01.01- 01.01- 01.01-	115881 115882 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Route)[DCi11E]	08.00- 04.01-	114508 112189	28 90 28 80	08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
370.24 11.1	(Distribution)[DCi11E]	08.00- 08.00-	112189 114508	28 80 28 90	08.00- 08.00- 08.00- 08.00-	115881 115882 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Route)[DCi11E]	08.00- 04.01-	114508 112189	28 90 28 80	08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
370.26 10.8	(Distribution)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI	10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI	10.05- 10.05- 10.05-	115593 114193 115877	24 5.5 24 5.5 24 5.5	A49
370.26 11.1	(Distribution)[DCi11E]	08.00- 04.01-	114508 112189	28 90 28 80	08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Kerax)[DCi11E]	01.01- 01.01-	112189 114508	28 80 28 90	01.01- 01.01- 01.01- 01.01-	113672 115881 113673 115882	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Route)[DCi11E]	08.00- 04.01-	114508 112189	28 90 28 80	08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
370.32 10.8	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI	10.05- 10.05- 10.05-	114193 115593 115877	24 5.5 24 5.5 24 5.5	A49
370.32 11.1	(Kerax)[DCi11E]	01.01- 01.01-	112189 114508	28 80 28 90	01.01- 01.01- 01.01- 01.01-	115881 115882 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
380.18 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI				
	(Kerax)[DXi11]				02.13- 02.13-	114193 115877	24 5.5 24 5.5	A49
380.19 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI				
	(Lander)[DXi11]	10.06-	114880	28 110 MI				
	(Route)[DXi11]	10.06-	114880	28 110 MI				



380.26 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI					
	(Lander)[DXi11]	10.06-	114880	28 110 MI					
	(Route)[DXi11]	10.06-	114880	28 110 MI					
380.32 10.8	(Lander)[DXi11]	10.06-	114880	28 110 MI					
385.18 11.1	(Kerax)[MIDR06.23.56A/41]	06.97-	112189	28 80	06.97-	115883	24 5.5	A49	
					06.97- 12.99	111231	24 6.6		
						113676	24 5.5		
	(Route)[MIDR06.23.56A/41]	02.96- 12.99	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
						113676	24 5.5		
	[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
						113676	24 5.5		
385.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96-	113676	24 5.5		
	[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96-	113676	24 5.5		
385.24 11.1	(Route)[MIDR06.23.56A/41]	04.96- 03.01	112189	28 80 BO	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
					04.96-	113676	24 5.5		
	[MIDR06.23.56B/41]	04.96- 03.01	112189	28 80 BO	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
						113676	24 5.5		
385.26 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112076	28 80	06.97-	113676	24 5.5		
		06.97-	112189	28 80	06.97-	115883	24 5.5	A49	
					06.97- 12.99	111231	24 6.6		
	(Route)[MIDR06.23.56A/41]				04.96- 12.99	111231	24 6.6		
					04.96-	113676	24 5.5		
					04.96-	115883	24 5.5	A49	
	[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
					04.96-	113676	24 5.5		
385.32 11.1	(Kerax)[MIDR06.23.56A/41]	01.00-	112189	28 80	06.97-	115883	24 5.5	A49	
					06.97-	111231	24 6.6		
					06.97-	113676	24 5.5		
400.18 11.1	(Distribution)[MIDR06.23.56B/41]				01.00-	113676	24 5.5		
					01.00-	115883	24 5.5	A49	
	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80	01.00-	115883	24 5.5	A49	
					01.00-	111231	24 6.6		
					01.00-	113676	24 5.5		
	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	113676	24 5.5		
					04.96- 12.99	111231	24 6.6		
					04.96-	115883	24 5.5	A49	
	[MIDR06.23.56B/41]	01.00-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
					04.96-	113676	24 5.5		
400.18 12.0	(E.tech)[MACKE.TECHA/46]	03.01-	112189	28 80	05.00-	115893	24 7.2	A49	
					05.00-	114100	24 7.5		
400.19 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96-	113676	24 5.5		
	[MIDR06.23.56B/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96-	113676	24 5.5		
400.24 11.1	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96- 12.99	111231	24 6.6		
	[MIDR06.23.56B/41]	04.98- 03.01	112189	28 80 BO	04.96-	113676	24 5.5		
					04.96- 12.99	111231	24 6.6		
					04.96-	113676	24 5.5		
400.24 12.0	(E.tech)[MACKE.TECHA/46]	03.01-	112189	28 80	05.00-	115893	24 7.2	A49	
					05.00-	114100	24 7.5		
400.26 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80	09.98-	115883	24 5.5	A49	
					01.00-	111231	24 6.6		
					09.98-	113676	24 5.5		
	(Route)[MIDR06.23.56A/41]	04.96-	112189	28 80	04.96-	115883	24 5.5	A49	
					04.96- 12.98	111231	24 6.6		
					04.96-	113676	24 5.5		
	[MIDR06.23.56B/41]				04.96- 12.99	111231	24 6.6		
					04.96-	113676	24 5.5		
					04.96-	115883	24 5.5	A49	
400.26 12.0	(E.tech)[MACKE.TECHA/46]	03.01-	112189	28 80	05.00-	115893	24 7.2	A49	
					05.00-	114100	24 7.5		
400.32 11.1	(Kerax)[MIDR06.23.56B/41]	01.00-	112189	28 80	01.00-	115883	24 5.5	A49	
					01.00-	111231	24 6.6		
					01.00-	113676	24 5.5		
410.18 10.8	(Distribution)[DXi11]	10.05-	114407	28 90					
		10.05-	114880	28 110 MI	10.05-	114193	24 5.5		
					10.05-	115877	24 5.5	A49	
	(Kerax)[DXi11]	10.05-	114407	28 90					
		10.05-	114846	28 130	10.05-	114193	24 5.5		
		10.05-	114880	28 110 MI	10.05-	115593	24 5.5		
					10.05-	115877	24 5.5	A49	
	(Route)[DXi11]	10.05-	114407	28 90					
		10.05-	114880	28 110 MI	10.05-	114193	24 5.5		
					10.05-	115877	24 5.5	A49	
410.24 10.8	(Route)[DXi11]	10.05-	114407	28 90					
		10.05-	114880	28 110 MI	10.05-	114193	24 5.5		
					10.05-	115877	24 5.5	A49	
410.25 10.8	(Route)[DXi11]	10.05-	114407	28 90					
		10.05-	114880	28 110 MI	10.05-	114193	24 5.5		
					10.05-	115877	24 5.5	A49	
410.26 10.8	(Distribution)[DXi11]	10.05-	114407	28 90					
		10.05-	114880	28 110 MI	10.05-	114193	24 5.5		
					10.05-	115877	24 5.5	A49	
	(Kerax)[DXi11]	10.05-	114407	28 90					
		10.05-	114846	28 130	10.05-	114193	24 5.5		
		10.05-	114880	28 110 MI	10.05-	115593	24 5.5		
					10.05-	115877	24 5.5	A49	



Application list

RENAULT V.I. Continued

	(Route)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI		10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
410.32 10.8	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI		10.05- 10.05- 10.05-	114193 115593 115877	24 5.5 24 5.5 24 5.5	A49
420.18 11.1	(Distribution)[DCi11C]	08.00- 04.01-	114508 112189	28 90 28 80		08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Kerax)[DCi11C]	01.01- 01.01-	112189 114508	28 80 28 90		01.01- 01.01- 01.01- 01.01-	115881 115882 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Route)[DCi11B/43]					08.00- 08.00-	115881 115882	24 5.5 24 5.5	A49
	[DCi11C]	08.00- 04.01-	114508 112189	28 90 28 80		08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
420.24 11.1	(Route)[DCi11C]	08.00- 04.01-	114508 112189	28 90 28 80		08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
420.25 11.1	(Route)[DCi11C]	08.00- 04.01-	114508 112189	28 90 28 80		08.00- 08.00- 08.00- 08.00-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
420.26 11.1	(Kerax)[DCi11C]	01.01- 01.01-	112189 114508	28 80 28 90		01.01- 01.01- 01.01- 01.01-	113672 113673 115881 115882	24 5.5 24 5.5 24 5.5 24 5.5	A49
	(Route)[DCi11C]	08.00- 04.01-	114508 112189	28 90 28 80		08.00- 08.00- 08.00- 08.00-	113673 113672 115881 115882	24 5.5 24 5.5 24 5.5 24 5.5	A49
420.32 11.1	(Kerax)[DCi11C]	10.01- 10.01-	112189 114508	28 80 28 90		10.01- 10.01- 10.01- 10.01-	115882 115881 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
420.34 11.1	(Kerax)[DCi11C]	01.01- 01.01-	112189 114508	28 80 28 90		01.01- 01.01- 01.01- 01.01-	115881 115882 113672 113673	24 5.5 24 5.5 24 5.5 24 5.5	A49
430.18 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI					
	(Lander)[DXi11]	10.06-	114880	28 110 MI					
	(Route)[DXi11]	10.06-	114880	28 110 MI					
430.19 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI					
	(Route)[DXi11]	10.06-	114880	28 110 MI					
430.26 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI					
	(Lander)[DXi11]	10.06-	114880	28 110 MI					
	(Route)[DXi11]	10.06-	114880	28 110 MI					
430.32 10.8	(Lander)[DXi11]	10.06-	114880	28 110 MI					
440.18 10.8	(Lander)[DXi11]		114880	28 110 MI					
440.18 12.0	(E. tech)[MACKE. TECHB/46]	03.01-	112189	28 80		05.00- 05.00-	115893 114100	24 7.2 24 7.5	A49
440.19 10.8	(Lander)[DXi11]		114880	28 110 MI					
440.19 12.8	(Magnum)[DXi13]	03.09- 03.09- 03.09- 03.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80		03.09- 03.09-	114872 115875	24 5.5 24 5.5	A49
440.24 12.0	(E. tech)[MACKE. TECHB/46]	03.01-	112189	28 80		05.00- 05.00-	115893 114100	24 7.2 24 7.5	A49
440.26 12.0	(E. tech)[MACKE. TECHB/46]	03.01-	112189	28 80		05.00- 05.00-	115893 114100	24 7.2 24 7.5	A49
440.32 10.8	(Lander)[DXi11]		114880	28 110 MI					
	(Route)[DXi11]	10.06-	114880	28 110 MI					
450.18 10.8	(Distribution)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI		10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI		10.05- 10.05- 10.05-	114193 115593 115877	24 5.5 24 5.5 24 5.5	A49
	(Route)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI		10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
450.24 10.8	(Route)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI		10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
450.25 10.8	(Route)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI		10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
450.26 10.8	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI		10.05- 10.05- 10.05-	115877 114193 115593	24 5.5 24 5.5 24 5.5	A49
	(Route)[DXi11]	10.05- 10.05-	114407 114880	28 90 28 110 MI		10.05- 10.05-	114193 115877	24 5.5 24 5.5	A49
450.32 10.8	(Kerax)[DXi11]	10.05- 10.05- 10.05-	114407 114846 114880	28 90 28 130 28 110 MI		10.05- 10.05- 10.05-	114193 115593 115877	24 5.5 24 5.5 24 5.5	A49
460.18 10.8	(Lander)[DXi11]	10.06-	114880	28 110 MI					
	(Route)[DXi11]	10.06-	114880	28 110 MI					



460.18 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	115875 114872	24 5.5 24 5.5	A49		
460.19 10.8	(Distribution)[DXi11]	10.06-	114880	28 110 MI						
460.24 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
460.25 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
460.26 10.8	(Lander)[DXi11]	10.06-	114880	28 110 MI						
	(Route)[DXi11]	10.06-	114880	28 110 MI						
460.26 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
460.32 10.8	(Lander)[DXi11]	10.06-	114880	28 110 MI						
460.32 12.8	(Kerax)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
480.18 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112189	28 80						
					05.00- 05.00- 05.00-	115893 114100 115517	24 7.2 24 7.5 24 7.0	A49		
480.19 12.8	(Magnum)[DXi13]	03.09- 03.09- 03.09- 03.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					03.09- 03.09-	114872 115875	24 5.5 24 5.5	A49		
480.24 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112189	28 80						
					05.00- 05.00- 05.00-	115893 114100 115517	24 7.2 24 7.5 24 7.0	A49		
480.26 12.0	(E.tech)[MACKE.TECHC/46]	03.01-	112189	28 80						
					05.00- 05.00- 05.00-	115893 114100 115517	24 7.2 24 7.5 24 7.0	A49		
480.26 12.8	(Magnum)[DXi13]	03.09- 03.09- 03.09- 03.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					03.09- 03.09-	114872 115875	24 5.5 24 5.5	A49		
500.18 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
500.24 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
500.25 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
500.26 12.8	(Magnum)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
500.32 12.8	(Kerax)[DXi13]	05.06- 05.06- 05.06- 05.06-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					05.06- 05.06-	114872 115875	24 5.5 24 5.5	A49		
520.18 12.8	(Magnum)[DXi13]	08.09- 08.09- 08.09-	114212 115577	28 110 28 80						
					08.09- 08.09-	114872 115875	24 5.5 24 5.5	A49		
520.19 12.8	(Magnum)[DXi13]	08.09- 08.09- 08.09- 08.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					08.09- 08.09-	114872 115875	24 5.5 24 5.5	A49		
520.24 12.8	(Magnum)[DXi13]	08.09- 08.09- 08.09- 08.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					08.09- 08.09-	114872 115875	24 5.5 24 5.5	A49		
520.25 12.8	(Magnum)[DXi13]	08.09- 08.09- 08.09- 08.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					08.09- 08.09-	114872 115875	24 5.5 24 5.5	A49		
520.26 12.8	(Magnum)[DXi13]	08.09- 08.09- 08.09- 08.09-	114212 114880 115488 115577	28 110 28 110 MI 28 110 A49 28 80						
					08.09- 08.09-	114872 115875	24 5.5 24 5.5	A49		
AE 380.18 12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80						
AE 380.18T 12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80						
AE 380.26 12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80						
AE 380.26T 12.0	(Magnum)[MIDR06.35.40H]	09.90-06.92	112159	28 80						
AE 385 12.0	(Magnum)[MIDR06.35.40N/3]	02.92-10.96 02.92-10.96	111331 112159	28 60 28 80						
AE 390 12.0	(Magnum)[MIDR06.24.65A/42]	09.96-05.00	112189	28 80						
AE 420 12.0	(Magnum)[MIDR06.35.40J/3]	10.92-12.96 10.92-10.96	111331 112159	28 60 28 80						
	[MIDR06.35.40P/41]	10.92-12.96 10.92-12.96 04.96-12.96	111331 112189 112159	28 60 28 80 28 80						
AE 430 12.0	(Magnum)[MIDR06.24.65B/42]	09.96-05.00	112189	28 80						
AE 470 12.0	(Magnum)[MIDR06.24.65C/42]	11.96-08.99	112189	28 80						
AE 520 16.5	(Magnum)[Mack-EE9-530]	10.92-05.96	112159	28 80						
AE 560 16.4	(Magnum)[Mack-EE9-560]	04.96-05.00	112189	28 80						
Agora 9.8	(Agora)[MIDR06.20.45I41]	01.96-	112189	28 80						
Ares 9.8	(Ares)[MIDR06.20.45M41]	04.98-	112189	28 80						

STARTERS & ALTERNATORS



Application list

RENAULT V.I. Continued

	[MIDR06.20.45R41]	04.98-	112189	28 80		04.98-	111231	24 6.6
B 110 2.5 Diesel	[8140.27.25..]	08.90- 06.96	110889	14 75				
B 110 2.8 Diesel	[8140.23.25..]	06.96- 06.99	110889	14 75				
B 120 2.5 Diesel	[8140.47.25..]	10.91- 07.96	110889	14 75				
B 120 2.8 Diesel	[8140.43.25..]	06.96- 06.99	110889	14 75				
C 210.19 8.8	[MIDS06.20.30N]					12.83- 05.91	111231	24 6.6
C 260.19T 9.8	[MIDS06.20.45B]					10.82- 10.98	111231	24 6.6
C 260.26 9.8	[MIDS06.20.45B]					10.82- 05.91	111231	24 6.6
C 290.19/T 9.8	[MIDR06.20.45D]					05.86- 05.91	111231	24 6.6
C 300.19 9.8	[MIDR06.20.45D3]	04.87- 10.98	111331	28 60		09.92- 10.98	111231	24 6.6
C 300.24 9.8	[MIDR06.20.45D]					09.92- 03.93	111231	24 6.6
	[MIDR06.20.45D3]					03.93- 10.98	111231	24 6.6
C 300.26 9.8	[MIDR06.20.45D]					09.92- 03.93	111231	24 6.6
	[MIDR06.20.45D3]					03.93- 10.98	111231	24 6.6
C 340.19 9.8	[MIDR06.20.45E]					07.90- 09.92	111231	24 6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24 6.6
	[MIDR06.20.45E3]					02.92- 09.92	111231	24 6.6
C 340ti.17 9.8	[MIDR06.20.45E]	07.90- 10.98	111331	28 60		07.90- 09.92	111231	24 6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24 6.6
	[MIDR06.20.45E3]					02.92- 09.92	111231	24 6.6
C 340ti.19 9.8	[MIDR06.20.45E]	07.90- 10.98	111331	28 60		07.90- 09.92	111231	24 6.6
	[MIDR06.20.45E2]					10.91- 09.92	111231	24 6.6
	[MIDR06.20.45E3]					02.92- 09.92	111231	24 6.6
CBH 280 12.0	[MIDS06.35.40D]	04.86- 10.92	111331	28 60				
CBH 320.24 12.0	[MIDR06.35.40M3]	10.92-	111658	28 55				
		10.92-	112159	28 80				
CBH 380.26 12.0	[MIDR06.35.40H]	01.90- 10.92	112159	28 80				
CBH 380.26/T 12.0	[MIDR06.35.40H]	04.91- 10.92	112159	28 80				
Citybus GX 317 9.9	(Agora)[MGDR 06.20.45 D491]	06.95-	112343	28 140		06.95-	111231	24 6.6
	[MIDR 06.20.45 A491]	06.95-	112343	28 140		06.95-	111231	24 6.6
	[MIDR 06.20.45 J41]	09.94-	112343	28 140				
CLM 320.25 12.0	[MIDR06.35.40M3]	10.92- 10.98	111331	28 60				
CLR 220.19 8.8	[MIDS06.20.30N1]	05.86- 05.91	111331	28 60		05.86- 05.91	111231	24 6.6
CLR 230.19 6.2	[MIDR06.02.26D]					09.90- 10.98	113466	24 4.0
Distribution 210.19D 6.2	(Distribution)[MIDR06.02.26W/4]	04.96-	112189	28 80				
		04.96-	116042	28 60		04.96-	113466	24 4.0
Distribution 300.26D 9.8	(Premium)[MIDR06.20.45D/41]	04.96-	112189	28 80		04.96-	115883	24 5.5
						04.96-	113676	24 5.5
Distribution 320.26D 11.1	(Premium)[DC111G]	08.00-	112189	28 80		08.00-	115881	24 5.5 A49
						08.00-	113672	24 5.5
Distribution 340.26D 9.8	(Premium)[MIDR06.20.45E/41]	04.96-	112189	28 80		04.96-	115883	24 5.5 A49
						04.96-	113676	24 5.5
Distribution 370.26D 11.1	(Premium)[DC111E]	08.00-	112189	28 80		08.00-	115881	24 5.5 A49
						08.00-	113672	24 5.5
FR1 9.8	[MIDR06.20.45D]					01.83-	111231	24 6.6
	[MIDR06.20.45D3]					01.83-	111231	24 6.6
	[MIDR06.20.45M3]					01.83-	111231	24 6.6
G 170.11 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	12 3.0
						05.83- 02.90	113466	24 4.0
G 170.13 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24 4.0
G 170.15 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24 4.0
G 170.16 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24 4.0
G 170.17 5.5	[MIDR06.02.12D]					05.83- 02.90	113466	24 4.0
G 200.13 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26Q]	09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		05.90- 09.91	111331	28 60		05.90- 09.91	113466	24 4.0
G 200.15 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26Q]	09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		05.90- 09.91	111331	28 60		05.90- 09.91	113466	24 4.0
G 200.16 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26Q]	09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		05.90- 09.91	111331	28 60		05.90- 09.91	113466	24 4.0
G 200.17 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
	[MIDR06.02.26Q]	09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		05.90- 09.91	111331	28 60		05.90- 09.91	113466	24 4.0
G 200.18 6.2	(Manager)[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26Q]	09.91- 03.93	111331	28 60		09.91- 03.93	113466	24 4.0
	[MIDR06.02.26H]	05.90- 03.91	110163	28 45				
		05.90- 09.91	111331	28 60		05.90- 09.91	113466	24 4.0
G 210.16 6.2	(Manager)[MIDR06.02.26W]	01.90- 03.91	110163	28 45				
		05.92- 10.96	111331	28 60		05.92- 10.96	113466	24 4.0
G 210.16 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
	[MIDS06.20.30N1]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
G 210.16/T 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
G 210.17 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
	[MIDS06.20.30N1]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
G 210.18 6.2	(Manager)[MIDR06.02.26W]	01.90- 03.91	110163	28 45				
		05.92- 10.96	111331	28 60		05.92- 10.96	113466	24 4.0
G 210.18 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
	[MIDS06.20.30N1]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6
G 210.19 8.8	[MIDS06.20.30N]	11.83- 02.90	110163	28 45				
		11.83- 02.90	111331	28 60		11.83- 02.90	111231	24 6.6



	[MIDS06.20.30N1]	11.83-02.90	110163	28 45			
		11.83-02.90	111331	28 60			
G 210.19/T 8.8	[MIDS06.20.30N]	11.83-02.90	110163	28 45		11.83-02.90	111231 24 6.6
		11.83-02.90	111331	28 60			
G 220.17 9.8	(Manager)[MIDS06.20.45J]					03.91-04.93	111231 24 6.6
	[MIDS06.20.45J3]	09.91-10.96	110163	28 45		03.91-04.93	111231 24 6.6
	[MIDS06.20.45J]					03.91-04.93	111231 24 6.6
G 220.19 9.8	(Manager)[MIDS06.20.45J]					03.91-04.93	111231 24 6.6
	[MIDS06.20.45J3]					03.91-04.93	111231 24 6.6
G 230.11 8.8	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-06.93	111231 24 6.6
G 230.13 8.8	(Manager)[MIDS06.20.30]					03.84-03.93	111231 24 6.6
	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-03.93	111231 24 6.6
	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-06.93	111231 24 6.6
G 230.15 8.8	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-06.93	111231 24 6.6
G 230.16 8.8	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-06.93	111231 24 6.6
G 230.17 8.8	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-06.93	111231 24 6.6
G 230.19 8.8	[MIDS06.20.30P]	03.84-06.93	110163	28 45			
		03.84-06.93	111331	28 60		03.84-06.93	111231 24 6.6
G 230.19/T 8.8	[MIDS06.20.30P]	01.85-03.93	110163	28 45			
		01.85-03.93	111331	28 60		01.85-03.93	111231 24 6.6
G 230TI.13 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28 60		09.91-03.93	113466 24 4.0
	[MIDR06.02.26D]	09.91-03.93	111331	28 60		09.91-03.93	113466 24 4.0
	[MIDR06.02.26D]	01.90-03.91	110163	28 45			
		02.90-08.91	111331	28 60		02.90-08.91	113466 24 4.0
G 230TI.15 6.2	(Manager)[MIDR06.02.26 X]	09.91-03.93	111331	28 60		09.91-03.93	113466 24 4.0
	[MIDR06.02.26D]	09.91-03.93	111331	28 60		09.91-03.93	113466 24 4.0
	[MIDR06.02.26D]	01.90-03.91	110163	28 45			
		02.90-08.91	111331	28 60		02.90-08.91	113466 24 4.0
G 230TI.16 6.2	(GAF,AWF,ABF T)[MIDR06.02.26D]	09.91-10.96	111331	28 60		09.91-10.96	113466 24 4.0
	(Manager)[MIDR06.02.26 X]	09.91-10.96	111331	28 60		09.91-10.96	113466 24 4.0
	[MIDR06.02.26D]	09.91-10.96	111331	28 60		09.91-10.96	113466 24 4.0
	[MIDR06.02.26D]	01.90-03.91	110163	28 45			
		02.90-08.91	111331	28 60		02.90-08.91	113466 24 4.0
G 230TI.17 6.2	(Manager)[MIDR06.02.26 X]	09.91-10.96	111331	28 60		09.91-10.96	113466 24 4.0
	[MIDR06.02.26D]	09.91-10.96	111331	28 60		09.91-10.96	113466 24 4.0
	[MIDR06.02.26D]	01.90-03.91	110163	28 45			
		02.90-08.91	111331	28 60		02.90-08.91	113466 24 4.0
G 230TI.18 6.2	(Manager)[MIDR06.02.26 X]	05.92-10.96	111331	28 60		05.92-10.96	113466 24 4.0
	[MIDR06.02.26D]	05.92-10.96	111331	28 60		05.92-10.96	113466 24 4.0
	[MIDR06.02.26D]	01.90-03.91	110163	28 45			
		02.90-08.91	111331	28 60		02.90-08.91	113466 24 4.0
G 230TI.19 6.2	(Manager)[MIDR06.02.26 X]					09.91-10.96	113466 24 4.0
	[MIDR06.02.26D]					09.91-10.96	113466 24 4.0
	(Maxter)[MIDR06.02.26 X]					10.92-05.95	113466 24 4.0
	[MIDR06.02.26D]					10.92-05.95	113466 24 4.0
	[MIDR06.02.26D]	01.90-08.91	110163	28 45		02.90-08.91	113466 24 4.0
		02.90-08.91	111331	28 60			
G 260.15 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 260.16 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 260.17 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
	[MIDS06.20.45B]	10.82-05.90	110163	28 45			
		10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 260.19 9.8	(Maxter)[MIDR06.20.45C/4]	02.96-06.97	112189	28 80 BO		02.96-06.97	111231 24 6.6
	[MIDS06.20.45]	10.82-05.90	110163	28 45			
		10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 260.19/T 9.8	[MIDS06.20.45]	10.82-05.90	110163	28 45			
		10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 260.22 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 260.24 9.8	[MIDS06.20.45]	10.82-05.90	111331	28 60		10.82-05.90	111231 24 6.6
G 270.13 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	111331	28 60			
		03.93-10.96	110163	28 45		11.92-10.96	111231 24 6.6
	[MIDS06.20.45B]	09.91-10.96	111331	28 60		09.91-10.96	111231 24 6.6
G 270.14 9.8	(Manager)[MIDR06.20.45B3]	03.93-10.96	110163	28 45		03.93-10.96	111231 24 6.6
G 270.15 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45			
		09.91-10.96	111331	28 60		09.91-10.96	111231 24 6.6
	[MIDS06.20.45B]	09.91-10.96	110163	28 45			
		09.91-10.96	111331	28 60		09.91-10.96	111231 24 6.6
G 270.16 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45		09.91-10.96	111231 24 6.6
	[MIDS06.20.45B]	09.91-10.96	111331	28 60		09.91-10.96	111231 24 6.6
G 270.17 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45		11.92-10.96	111231 24 6.6
		11.92-10.96	111331	28 60			
G 270.18 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45		11.92-10.96	111231 24 6.6
		11.92-10.96	111331	28 60			
G 270.19 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45		11.92-10.96	111231 24 6.6
	(Maxter)[MIDR06.20.45B3]	01.93-10.96	112189	28 80 BO		01.95-10.96	111231 24 6.6
G 270.26 9.8	(Manager)[MIDR06.20.45B]	09.91-10.96	110163	28 45		11.92-10.96	111231 24 6.6
G 280.13 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45			
		09.91-10.96	111331	28 60		09.91-10.96	111231 24 6.6
	[MIDS06.20.45B]	01.90-12.92	110163	28 45			
		01.90-08.91	111331	28 60		01.90-06.93	111231 24 6.6
	[MIDS06.20.45B]	01.90-12.92	110163	28 45			
		01.90-08.91	111331	28 60		01.90-06.93	111231 24 6.6
G 280.15 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	110163	28 45			
		09.91-10.96	111331	28 60		09.91-10.96	111231 24 6.6
	[MIDS06.20.45B]	01.90-12.92	110163	28 45			
		01.90-08.91	111331	28 60		01.90-06.93	111231 24 6.6
	[MIDS06.20.45B]	01.90-12.92	110163	28 45			
		01.90-08.91	111331	28 60		01.90-06.93	111231 24 6.6
G 280.16 9.8	(Manager)[MIDR06.20.45B3]	09.91-10.96	111331	28 60			
		01.90-12.92	110163	28 45		01.90-06.93	111231 24 6.6
	[MIDS06.20.45B]	01.90-08.91	111331	28 60		01.90-06.93	111231 24 6.6

STARTERS & ALTERNATORS



Application list

RENAULT V.I. Continued

	[MIDS06.20.45B]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60				
G 280.17 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45		01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60				
G 280.18 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60				
	(Maxter)[MIDS06.20.45B]					01.90- 06.93	111231	24 6.6
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60				
G 280.19 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45		01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60				
G 280.24 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45		01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60				
G 280.26 9.8	(Manager)[MIDS06.20.45B]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60				
	[MIDS06.20.45B]	01.90- 12.92	110163	28 45		01.90- 06.93	111231	24 6.6
		01.90- 08.91	111331	28 60				
G 290.17 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28 60		11.85- 12.89	111231	24 6.6
G 290.19 9.8	[MIDR06.20.45]	11.85- 12.89	110163	28 45				
		11.85- 12.89	111331	28 60				
G 290.19/T 9.8	[MIDR06.20.45D]	11.85- 12.89	110163	28 45				
		11.85- 12.89	111331	28 60		11.85- 12.89	111231	24 6.6
G 290.22 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28 60				
G 290.24 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28 60		11.85- 12.89	111231	24 6.6
G 290.26 9.8	[MIDR06.20.45]	11.85- 12.89	111331	28 60		11.85- 12.89	111231	24 6.6
G 300.13 9.8	(Manager)[MIDR06.20.45D3]	01.90- 12.92	110163	28 45		01.90- 10.96	111231	24 6.6
		01.90- 08.91	111331	28 60				
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.15 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.16 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.17 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.18 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	(Maxter)[MIDR06.20.45D]	10.92- 12.92	110163	28 45		10.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		09.92- 10.96	111231	24 6.6
G 300.19 9.8	(Manager)[MIDR06.20.45D]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
		01.92- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60		01.90- 10.96	111231	24 6.6
	(Maxter)[MIDR06.20.45D]	10.92- 12.92	110163	28 45		10.92- 10.96	111231	24 6.6
		02.96- 06.97	112189	28 80 BO		02.96-	111231	24 6.6
	[MIDR06.20.45D3]	10.92- 12.92	110163	28 45		10.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.24 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	(Messenger)[MIDR06.20.45D3]	01.90- 12.92	110163	28 45				
		01.90- 03.93	111331	28 60		01.90- 10.96	111231	24 6.6
	[MIDR06.20.45D]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.25 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D]	01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 300.26 9.8	(Manager)[MIDR06.20.45D]	09.92- 12.92	110163	28 45		09.92- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	[MIDR06.20.45D3]	01.90- 08.91	111331	28 60		01.90- 10.96	111231	24 6.6
		01.90- 12.92	110163	28 45				
	(Maxter)[MIDR06.20.45D/41]	02.96- 06.97	112189	28 80 BO		02.96-	111231	24 6.6
		10.92- 12.92	110163	28 45		06.92- 10.96	111231	24 6.6
	[MIDR06.20.45D3]	01.90- 12.92	110163	28 45				
		01.90- 08.91	111331	28 60		01.90- 03.93	111231	24 6.6
G 320.19 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28 60		05.88- 05.90	111231	24 6.6
G 320.24 9.8	[MIDR06.20.45H]	11.88- 05.90	111331	28 60		05.88- 05.90	111231	24 6.6
G 330.13 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45				
		02.90- 01.91	111331	28 60		02.90- 03.93	111231	24 6.6
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45				
		02.90- 01.91	111331	28 60		02.90- 03.93	111231	24 6.6
G 330.15 9.8	(Manager)[MIDR06.20.45H]	02.90- 12.92	110163	28 45				
		02.90- 01.91	111331	28 60		02.90- 03.93	111231	24 6.6
	[MIDR06.20.45H]	02.90- 12.92	110163	28 45				
		02.90- 01.91	111331	28 60		02.90- 03.93	111231	24 6.6
G 330.16 9.8	(Manager)[MIDR06.20.45E]	09.91- 10.96	110163	28 45		09.91- 10.96	111231	24 6.6
		09.91- 10.96	110163	28 45		09.91- 10.92	111231	24 6.6
	[MIDR06.20.45E2]	09.91- 10.96	110163	28 45				
		09.91- 10.96	110163	28 45		09.91- 10.96	111231	24 6.6
	[MIDR06.20.45E3]	09.91- 10.96	110163	28 45				
		02.90- 12.92	110163	28 45				
	[MIDR06.20.45H]	02.90- 01.91	111331	28 60		02.90- 03.93	111231	24 6.6



	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
G 330.17 9.8	(Manager)[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	01.90-03.93	111231	24 6.6	
	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
G 330.17/T 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E2]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E3]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]					09.91-10.96	111231	24 6.6	
G 330.18 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E2]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]					09.91-10.96	111231	24 6.6	
	(Messenger)[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
G 330.19 9.8	(Manager)[MIDR06.20.45E]	09.91-10.96	110163	28	45	09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E2]	09.91-10.92	110163	28	45	09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E3]	09.91-10.96	110163	28	45	09.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
	[MIDR06.20.45E3]	01.90-08.91	110163	28	45				
		01.90-08.91	111331	28	60	01.90-08.91	111231	24 6.6	
	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
G 330.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E2]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E3]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]					09.91-10.96	111231	24 6.6	
G 330.24 9.8	(Manager)[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
G 330.26 9.8	(Manager)[MIDR06.20.45E2]	10.96-10.96	110163	28	45	10.91-10.92	111231	24 6.6	
	[MIDR06.20.45E3]	10.91-10.96	110163	28	45	10.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-10.96	111231	24 6.6	
	[MIDR06.20.45H]	02.90-12.92	110163	28	45				
		02.90-01.91	111331	28	60	02.90-03.93	111231	24 6.6	
G 340 9.8	(Manager)[MIDR06.20.45E]	01.90-03.93	111331	28	60	01.90-03.93	111231	24 6.6	
	[MIDR06.20.45E2]					01.90-03.93	111231	24 6.6	
	[MIDR06.20.45E3]					01.90-03.93	111231	24 6.6	
	[MIDR06.20.45H]					01.90-03.93	111231	24 6.6	
G 340Ti 9.8	(Manager)[MIDR06.20.45E]	01.90-03.93	111331	28	60	01.90-03.93	111231	24 6.6	
	[MIDR06.20.45E3]					02.92-10.96	111231	24 6.6	
G 340Ti.16 9.8	(Manager)[MIDR06.20.45E]	01.90-01.91	111331	28	60	01.90-03.93	111231	24 6.6	
		09.91-10.96	110163	28	45				
	[MIDR06.20.45E2]	09.91-10.96	110163	28	45	10.91-10.92	111231	24 6.6	
	[MIDR06.20.45E3]	09.91-10.96	110163	28	45	02.92-10.96	111231	24 6.6	
	[MIDR06.20.45H]	09.91-10.96	110163	28	45	09.91-10.96	111231	24 6.6	
G 340Ti.17 9.8	(Manager)[MIDR06.20.45E]	01.90-01.91	111331	28	60	01.90-03.93	111231	24 6.6	
		09.91-10.96	110163	28	45				
	[MIDR06.20.45E2]	09.91-10.96	110163	28	45	10.91-10.92	111231	24 6.6	
	[MIDR06.20.45E3]	09.91-10.96	110163	28	45	02.92-10.96	111231	24 6.6	
	[MIDR06.20.45H]	09.91-10.96	110163	28	45	09.91-10.96	111231	24 6.6	
G 340Ti.18 9.8	(Manager)[MIDR06.20.45E]	01.90-03.93	111331	28	60	01.90-03.93	111231	24 6.6	
	[MIDR06.20.45E2]					01.90-10.96	111231	24 6.6	
	[MIDR06.20.45E3]					01.90-10.96	111231	24 6.6	
	(Maxter)[MIDR06.20.45E/41]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E3]					10.92-10.96	111231	24 6.6	
G 340Ti.19 9.8	(Maxter)[MIDR06.20.45E/41]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E3]					10.92-10.96	111231	24 6.6	
	[MIDR06.20.45E3]					05.93-	111231	24 6.6	
	[MIDR06.20.45H]	01.90-08.91	110163	28	45				
		01.90-08.91	111331	28	60	01.90-08.91	111231	24 6.6	
G 340ti.19, G 330.19 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E2]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E3]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]					09.91-10.96	111231	24 6.6	
G 340ti.19/T 9.8	(Manager)[MIDR06.20.45E]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E2]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45E3]					09.91-10.96	111231	24 6.6	
	[MIDR06.20.45H]					09.91-10.96	111231	24 6.6	
G 340Ti.25 9.8	(Maxter)[MIDR06.20.45E/41]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E3]					10.92-10.96	111231	24 6.6	
G 340Ti.25 9.8	(Maxter)[MIDR06.20.45E/41]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E3]					10.92-10.96	111231	24 6.6	
G 340Ti.26 9.8	(Manager)[MIDR06.20.45E2]	10.91-10.96	110163	28	45	01.90-03.93	111231	24 6.6	
	[MIDR06.20.45E3]	10.91-10.96	110163	28	45	02.92-10.96	111231	24 6.6	
	[MIDR06.20.45H]	10.91-10.96	110163	28	45	10.91-10.96	111231	24 6.6	
	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112189	28	80	BO	10.92-06.97	111231	24 6.6
	[MIDR06.20.45E3]	02.96-06.97	112189	28	80	BO	10.92-10.96	111231	24 6.6
G 340Ti.32 9.8	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112189	28	80	BO	10.92-06.97	111231	24 6.6
	[MIDR06.20.45E3]	02.96-06.97	112189	28	80	BO	10.92-10.96	111231	24 6.6
G 340Ti.34 9.8	(Maxter)[MIDR06.20.45D/41]					02.96-	111231	24 6.6	
	[MIDR06.20.45D3]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E/41]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E3]					10.92-10.96	111231	24 6.6	
G 340Ti.40 9.8	(Maxter)[MIDR06.20.45E/41]	02.96-06.97	112189	28	80	BO	02.96-06.97	111231	24 6.6
	[MIDR06.20.45E3]	02.96-06.97	112189	28	80	BO	10.92-10.96	111231	24 6.6
G 340Ti.40 9.8	(Maxter)[MIDR06.20.45E/41]					10.92-06.97	111231	24 6.6	
	[MIDR06.20.45E3]	02.96-06.97	112189	28	80	BO	10.92-10.96	111231	24 6.6
Iliade 11.1	(Iliade)[MIDR 06.23.56..]					10.96-09.01	111231	24 6.6	
Iliade 9.9	(Iliade)[MIDR 06.20.45 M41]	10.96-09.01	112189	28	80				
		10.96-09.01	112343	28	140	10.96-09.01	111231	24 6.6	
	[MIDR 06.20.45 R41]	10.96-09.01	112189	28	80				
		10.96-09.01	112343	28	140	10.96-09.01	111231	24 6.6	

STARTERS & ALTERNATORS



Application list

RENAULT V.I. Continued

Lander 320.18 7.2	(Premium 2)	02.09-	116015*	28 80	02.09-	115894	24 5.5	A49
					02.09-	115889	24 5.0	A49
					02.09-	114733	24 5.5	
					02.09-	114323	24 5.0	
Line 9.9	(Agora)[M7R 06.20.45 B41]	05.98-	112189	28 80				
		05.98-	112343	28 140	05.98-	111231	24 6.6	
	[M7R 06.20.45 C41]	05.98-	112189	28 80				
		05.98-	112343	28 140	05.98-	111231	24 6.6	
M 140.11/T 5.5	(Midliner)[MDS06.02.12C]	05.89- 03.93	110163	28 45				
		05.89- 03.93	111331	28 60	05.89- 03.93	113466	24 4.0	
M 140.12 5.5	(Midliner)[MDS06.02.12C]	05.89- 03.93	111331	28 60	05.89- 03.93	113466	24 4.0	
		06.89- 12.90	110163	28 45				
M 140.13 5.5	(Midliner)[MDS06.02.12C]	05.89- 03.93	111331	28 60	04.89- 03.93	113466	24 4.0	
		06.89- 12.90	110163	28 45				
M 140.13/T 5.5	(Midliner)[MDS06.02.12C]	04.89- 03.93	110163	28 45				
		04.89- 03.93	111331	28 60	04.89- 03.93	113466	24 4.0	
M 150.09 6.2	(Midliner)[MIDR06.02.26U]				11.92- 10.96	113466	24 4.0	
M 150.11 6.2	(Midliner)[MIDR06.02.26U]				11.92- 10.96	113466	24 4.0	
M 150.12 6.2	(Midliner)[MIDR06.02.26U]				11.92- 10.96	113466	24 4.0	
	[MIDR06.02.26U/4]	05.96- 01.00	116042	28 60	11.92-	113466	24 4.0	
M 150.13 6.2	(Midliner)[MIDR06.02.26U]				11.92- 10.96	113466	24 4.0	
	[MIDR06.02.26U/4]	05.96- 01.00	116042	28 60	05.96-	113466	24 4.0	
M 150.14 6.2	(Midliner)[MIDR06.02.26U]				11.92- 10.96	113466	24 4.0	
M 160.11/T 5.5	(Midliner)[MDS06.02.12B]	05.89- 03.93	110163	28 45				
		05.89- 03.93	111331	28 60	05.89- 03.93	113466	24 4.0	
M 160.12 5.5	(Midliner)[MDS06.02.12B]	05.89- 03.93	111331	28 60	05.89-	113466	24 4.0	
		06.89- 12.90	110163	28 45				
M 160.13 5.5	(Midliner)[MDS06.02.12B]	05.89- 03.93	111331	28 60	05.89- 03.93	113466	24 4.0	
		06.89- 12.90	110163	28 45				
M 160.13/T 5.5	(Midliner)[MDS06.02.12B]	05.89- 03.93	110163	28 45				
		05.89- 03.93	111331	28 60	05.89- 03.93	113466	24 4.0	
M 160.14 5.5	(Midliner)[MDS06.02.12B]	06.89- 12.90	110163	28 45	05.89-	113466	24 4.0	
M 160.15 5.5	(Midliner)[MDS06.02.12B]	06.89- 12.90	110163	28 45	05.89- 03.93	113466	24 4.0	
M 180.10 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
M 180.11 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
M 180.12 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	[MIDR06.02.26V/41]	05.96- 01.00	116042	28 60	05.96- 01.00	113466	24 4.0	
M 180.13 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	[MIDR06.02.26V/41]	05.96- 01.00	116042	28 60	05.96- 01.00	113466	24 4.0	
M 180.15 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	[MIDR06.02.26V/41]	10.96- 01.00	116042	28 60	10.96- 01.00	113466	24 4.0	
M 180.16 6.2	(Midliner)[MIDR06.02.26V]				11.92- 10.96	113466	24 4.0	
	[MIDR06.02.26V/41]	05.96- 01.00	116042	28 60	05.96- 01.00	113466	24 4.0	
M 200.10 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
		06.89- 03.93	110163	28 45				
M 200.12 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
		06.89- 03.93	110163	28 45				
M 200.13 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
		06.89- 03.93	110163	28 45				
M 200.14 6.2	(Midliner)[MIDR06.02.26H]	06.89- 03.93	110163	28 45	05.88- 03.93	113466	24 4.0	
M 200.15 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
		06.89- 03.93	110163	28 45				
M 200.15/T 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45				
		05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
M 200.16 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45				
		05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
M 200.16/T 6.2	(Midliner)[MIDR06.02.26H]	05.88- 03.93	110163	28 45				
		05.88- 03.93	111331	28 60	05.88- 03.93	113466	24 4.0	
M 210.12 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45				
	[MIDR06.02.26W/41]	05.92- 01.00	111331	28 60	05.92- 01.00	113466	24 4.0	
		05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60				
		05.92- 01.00	116042	28 60	05.92- 01.00	113466	24 4.0	
M 210.13 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60				
		05.92-	112189	28 80	05.92- 01.00	113466	24 4.0	
	[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60				
		05.92- 01.00	112189	28 80				
		05.92- 01.00	116042	28 60	05.92- 01.00	113466	24 4.0	
M 210.14 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45	05.92- 10.96	113466	24 4.0	
	[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45				
		05.96- 01.00	112189	28 80				
		05.96- 01.00	116042	28 60	05.96- 01.00	113466	24 4.0	
M 210.15 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60				
		05.92-	112189	28 80	05.92- 01.00	113466	24 4.0	
	[MIDR06.02.26W/41]	05.92- 01.00	111331	28 60				
		05.92-	112189	28 80				
		05.92- 01.00	116042	28 60	05.92- 01.00	113466	24 4.0	
M 210.16 6.2	(Midliner)[MIDR06.02.26W]	05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60	05.92- 01.00	113466	24 4.0	
	[MIDR06.02.26W/41]	05.92- 01.93	110163	28 45				
		05.92- 01.00	111331	28 60				
		05.92- 01.00	116042	28 60	05.92- 01.00	113466	24 4.0	
		05.96- 01.00	112189	28 80				
M 230.10 6.2	(Midliner)[MIDR06.02.26D]	05.89- 07.92	111331	28 60	05.89- 07.92	113466	24 4.0	
	[MIDR06.02.26S]	06.89- 03.93	110163	28 45				
		05.89- 07.92	111331	28 60				
		06.89- 03.93	110163	28 45	05.89- 07.92	113466	24 4.0	
M 230.12 6.2	(Midliner)[MIDR06.02.26 X]				05.92- 10.96	113466	24 4.0	
	[MIDR06.02.26D]	05.89- 07.92	111331	28 60	05.89- 07.92	113466	24 4.0	
		06.89- 03.93	110163	28 45				
	[MIDR06.02.26S]	05.89- 07.92	111331	28 60	05.89- 07.92	113466	24 4.0	
		06.89- 03.93	110163	28 45				
M 230.13 6.2	(Midliner)[MIDR06.02.26 X]				05.89- 10.96	113466	24 4.0	
	[MIDR06.02.26D]	06.89- 03.93	110163	28 45	05.89- 07.92	113466	24 4.0	



	[MIDR06.02.26S]	06.89-03.93	110163	28	45	05.89-07.92	113466	24	4.0
	[MIDR06.02.26Y/41]	05.96-01.00	112189	28	80	05.96-01.00	113466	24	4.0
M 230.15 6.2	(Midliner)[MIDR06.02.26 X]	05.89-10.96	111331	28	60	05.89-10.96	113466	24	4.0
	[MIDR06.02.26D]	05.89-03.93	110163	28	45				
		05.89-10.96	111331	28	60	05.89-10.96	113466	24	4.0
	[MIDR06.02.26S]	05.89-10.96	111331	28	60	05.89-10.96	113466	24	4.0
		06.89-03.93	110163	28	45				
M 230.16 6.2	(Midliner)[MIDR06.02.12D]	05.89-07.92	110163	28	45				
		05.89-07.92	111331	28	60	05.89-07.92	113466	24	4.0
	[MIDR06.02.26 X]	05.89-10.96	111331	28	60	05.89-10.96	113466	24	4.0
	[MIDR06.02.26D]	05.89-03.93	110163	28	45				
		05.89-10.96	111331	28	60	05.89-10.96	113466	24	4.0
	[MIDR06.02.26S]	05.89-10.96	111331	28	60	05.89-10.96	113466	24	4.0
		06.89-03.93	110163	28	45				
M 250.13 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96-01.00	112189	28	80	05.96-01.00	113466	24	4.0
M 250.15 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96-01.00	112189	28	80	05.96-01.00	113466	24	4.0
M 250.16 6.2	(Midliner)[MIDR06.02.26Y/41]	05.96-01.00	112189	28	80	05.96-01.00	113466	24	4.0
ME 160.13 5.5	(Midliner)[MIDS06.02.12B]	05.89-03.93	111331	28	60	05.89-	113466	24	4.0
		01.90-01.93	110163	28	45				
ME 160.15 5.5	(Midliner)[MIDS06.02.12B]	05.89-03.93	111331	28	60	05.89-	113466	24	4.0
		01.90-01.93	110163	28	45				
ME 180.15 5.5	(Midliner)[MIDR06.02.12D]	05.89-03.93	111331	28	60	05.89-03.93	113466	24	4.0
		01.90-01.93	110163	28	45				
R 310.16 12.0	[MIDR06.35.40C]	10.80-03.89	110163	28	45				
		10.80-03.89	111331	28	60				
R 310.17 12.0	[MIDR06.35.40C]	10.80-03.89	110163	28	45				
		10.80-03.89	111331	28	60				
R 310.19 12.0	[MIDR06.35.40C]	10.80-03.89	110163	28	45				
R 310.22 12.0	[MIDR06.35.40C]	10.80-03.89	110163	28	45				
		10.80-03.89	111331	28	60				
R 330.17 9.8	[MIDR06.20.45E]	05.88-05.91	111331	28	60	05.88-05.91	111231	24	6.6
R 330.19 9.8	[MIDR06.20.45E]					05.88-05.91	111231	24	6.6
R 330.24 9.8	[MIDR06.20.45E]	05.88-05.91	111331	28	60	05.88-05.91	111231	24	6.6
R 332 9.8	[MIHR06.20.45A41]	07.96-12.03	112343	28	140				
R 340.17 12.0	[MIDR06.35.40G]	03.86-01.90	111331	28	60				
R 340.19 12.0	[MIDR06.35.40G]	03.86-01.90	111331	28	60				
R 340.24 12.0	[MIDR06.35.40G]	03.86-01.90	111331	28	60				
R 340TI.16 9.8	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28	60	05.91-10.96	111231	24	6.6
	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 340TI.17 11.1	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 340TI.17 9.8	(Major)[MIDR06.20.45E3]					05.91-10.96	111231	24	6.6
R 340TI.18 9.8	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28	60	05.91-10.96	111231	24	6.6
	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 340TI.19 11.1	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 340TI.19 9.8	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28	60	05.91-10.96	111231	24	6.6
	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 340TI.24 9.8	(Major)[MIDR06.20.45E]	05.91-10.96	111331	28	60	05.91-10.96	111231	24	6.6
	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 340TI.26 9.8	(Major)[MIDR06.20.45E3]	05.91-10.96	111331	28	60	05.91-10.96	111231	24	6.6
	[MIDR06.20.45E]	01.90-12.92	111331	28	60	01.90-12.92	111231	24	6.6
R 350.17 12.0	(Major)[MIDR06.35.40G]	05.91-12.92	111331	28	60				
	[MIDR06.35.40G]	01.90-09.90	111331	28	60				
R 350.18 12.0	(Major)[MIDR06.35.40G]	05.91-12.92	111331	28	60				
	[MIDR06.35.40G]	01.90-09.90	111331	28	60				
R 350.19 12.0	[MIDR06.35.40G]	01.90-09.90	111331	28	60				
R 350.24 12.0	[MIDR06.35.40G]	01.90-09.90	111331	28	60				
R 350.26 12.0	(Major)[MIDR06.35.40H]	05.91-10.96	111331	28	60				
	[MIDR06.35.40G]	05.91-12.92	111331	28	60				
	[MIDR06.35.40G]	01.90-09.90	111331	28	60				
R 360.19/T 14.9	[MIVS08.35.30]	01.90-05.91	111331	28	60	01.90-05.91	111231	24	6.6
R 360.26/T 14.9	[MIVS08.35.30]	01.90-05.91	111331	28	60	01.90-05.91	111231	24	6.6
R 365.17 12.0	[MIDR06.35.40H]	10.87-05.90	111331	28	60				
R 365.24 12.0	[MIDR06.35.40H]	10.87-05.90	111331	28	60				
R 370.16 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28	60	10.84-12.85	111231	24	6.6
R 370.19/T 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28	60	10.83-07.85	111231	24	6.6
R 370.22 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28	60	10.84-12.85	111231	24	6.6
R 370.26/T 14.9	[MIVS08.35.30F]	10.83-07.85	111331	28	60	10.83-07.85	111231	24	6.6
R 380.17 12.0	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28	60				
	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 380.18 12.0	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28	60				
	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 380.19 12.0	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28	60				
	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 380.22 12.0	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 380.24 12.0	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28	60				
	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 380.25 12.0	(Major)[MIDR06.35.40H]	05.91-12.92	111331	28	60				
	[MIDR06.35.40L1]	05.91-10.96	111331	28	60				
	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 380.26 12.0	(Major)[MIDR06.35.40L1]	05.91-10.96	111331	28	60				
	[MIDR06.35.40H]	01.90-09.90	111331	28	60				
R 385TI.18 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28	60				
R 385TI.24 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28	60				
R 385TI.25 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28	60				
R 385TI.26 12.0	(Major)[MIDR06.35.40N/3]	05.91-10.96	111331	28	60				
R 390.16 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28	60	07.85-03.89	111231	24	6.6
R 390.17 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28	60	07.85-03.89	111231	24	6.6
R 390.19/T 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28	60	07.85-03.89	111231	24	6.6
R 390.22 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28	60	07.85-03.89	111231	24	6.6
R 390.24 14.9	[MIVR08.35.30C]	07.85-03.89	111331	28	60	07.85-03.89	111231	24	6.6
R 420.17 14.9	[MIVR08.35.30G]	10.88-10.91	111331	28	60				
	[MIVR08.35.30H]	10.88-10.91	111331	28	60				
R 420.24 14.9	[MIVR08.35.30G]	10.88-10.91	111331	28	60				
	[MIVR08.35.30H]	10.88-10.91	111331	28	60				
R 420.35 14.9	[MIVR08.35.30G]	10.88-10.91	111331	28	60				
	[MIVR08.35.30H]	10.88-10.91	111331	28	60				

STARTERS & ALTERNATORS



Application list

RENAULT V.I. Continued

S 110.06 5.5	(Midliner)[797-21]	06.85- 09.90	110163	28 45		06.85- 09.90	113466	24 4.0
						06.85- 09.90	113465	12 3.0
S 110.07 5.5	(Midliner)[797-21]	06.85- 09.90	110163	28 45		06.85- 09.90	113466	24 4.0
S 110.08 5.5	(Midliner)[797-21]	05.85- 09.90	111331	28 60				
		06.85- 09.90	110163	28 45		06.85- 09.90	113466	24 4.0
S 120.06 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45				
S 120.06 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45				
	[T4.40 CC]	11.92- 10.94	110163	28 45				
S 120.07 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45				
S 120.07 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45				
	[T4.40 CC]	11.92- 10.94	110163	28 45				
S 120.08 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45				
S 120.08 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45				
	[T4.40 CC]	11.92- 10.94	110163	28 45				
S 120.09 3.9	(Midliner)[T4.40]	09.90- 11.92	110163	28 45				
S 120.09 4.0	(Midliner)[T4.40 A/3]	11.92- 10.94	110163	28 45				
	[T4.40 CC]	11.92- 10.94	110163	28 45				
S 130.06 5.5	(Midliner)[797]					09.83- 01.90	113466	24 4.0
S 130.07 5.5	(Midliner)[797]					05.83- 03.90	113465	12 3.0
						09.83- 01.90	113466	24 4.0
S 130.08 5.5	(Midliner)[797]					09.83- 01.90	113466	24 4.0
S 130.08 5.5	(Midliner)[797]	09.83- 01.90	111331	28 60		09.83- 01.90	113466	24 4.0
						05.83- 03.90	113465	12 3.0
S 130.09 5.5	(Midliner)[797]	09.83- 01.90	111331	28 60		09.83- 01.90	113466	24 4.0
	[797.20]					09.83- 01.90	113466	24 4.0
S 130.11 5.5	(Midliner)[797]					09.83- 01.90	113466	24 4.0
	[797.20]					09.83- 01.90	113466	24 4.0
S 130.13 5.5	(Midliner)[797]					09.83- 01.90	113466	24 4.0
S 135.08 4.0	(Midliner)[T4.40 B/3]	02.94- 05.96	110163	28 45		02.94- 05.96	113466	24 4.0
S 135.08 4.1	(Midliner)[MIDR04.02.26A/41]	05.96- 01.00	116042	28 60		05.96-	113466	24 4.0
S 135.09 4.1	(Midliner)[MIDR04.02.26A/41]	05.96- 01.00	110163	28 45				
		05.96- 01.00	116042	28 60		05.96-	113466	24 4.0
S 140.07 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60		01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45				
S 140.08 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60		01.90- 09.93	113466	24 4.0
		02.90- 12.90	110163	28 45				
S 140.09 5.5	(Midliner)[MIDS06.02.12C]	01.90- 09.93	111331	28 60				
		02.90- 12.90	110163	28 45		01.90- 09.93	113466	24 4.0
S 150.08 4.1	(Midliner)[MIDR04.02.26B/41]	05.96- 01.00	116042	28 60		05.96- 01.00	113466	24 4.0
S 150.08 5.5	(Midliner)[798-10]	05.83- 07.86	110163	28 45		05.83- 07.86	113465	12 3.0
		05.83- 07.86	111331	28 60		05.83- 07.86	113466	24 4.0
	[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0
		05.86- 09.90	111331	28 60		05.86- 09.90	113466	24 4.0
	[MIDS06.02.12D/3]	01.94- 05.96	110163	28 45		01.94- 05.96	113466	24 4.0
S 150.08 6.2	(Midliner)[MIDR06.02.26U]					11.92- 01.94	113466	24 4.0
	[MIDR06.02.26U/4]	05.96- 01.00	116042	28 60		05.96- 01.00	113466	24 4.0
	[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113465	12 3.0
		05.86- 09.90	111331	28 60		05.86- 09.90	113466	24 4.0
S 150.09 4.1	(Midliner)[MIDR04.02.26B/41]	05.96- 09.98	110163	28 45				
		05.96- 01.00	115454	28 40		05.96- 01.00	113466	24 4.0
		05.96- 01.00	116042	28 60				
S 150.09 5.5	(Midliner)[798-10]	05.83- 07.86	110163	28 45		05.83- 07.86	113465	12 3.0
		05.83- 07.86	111331	28 60		05.83- 07.86	113466	24 4.0
	[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113466	24 4.0
		05.86- 09.90	111331	28 60		05.86- 09.90	113465	12 3.0
	[MIDS06.02.12D/3]	01.94- 05.96	110163	28 45		01.94- 05.96	113466	24 4.0
S 150.09 6.2	(Midliner)[MIDR06.02.26U]					11.92- 01.94	113466	24 4.0
	[MIDR06.02.26U/4]	05.96- 01.00	116042	28 60		05.96- 01.00	113466	24 4.0
S 150.11 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113466	24 4.0
		05.86- 09.90	111331	28 60		05.86- 09.90	113465	12 3.0
S 150.13 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		04.86- 09.90	113465	12 3.0
		05.86- 09.90	111331	28 60		04.86- 09.90	113466	24 4.0
S 150.14 5.5	(Midliner)[MIDS06.02.12B]	05.86- 09.90	110163	28 45		05.86- 09.90	113466	24 4.0
						05.86- 09.90	113465	12 3.0
S 160.08 5.5	(Midliner)[MIDS06.02.12B]	01.90- 09.93	111331	28 60				
		02.90- 12.90	110163	28 45		01.90- 09.93	113466	24 4.0
S 160.09 5.5	(Midliner)[MIDS06.02.12B]	01.90- 09.93	111331	28 60				
		02.90- 12.90	110163	28 45		01.90- 09.93	113466	24 4.0
S 170.11 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.87- 05.89	113466	24 4.0
						10.82- 03.93	113465	12 3.0
S 170.13 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.83- 03.93	113466	24 4.0
						10.82- 03.93	113465	12 3.0
S 170.14 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.83- 05.89	113466	24 4.0
						10.82- 03.93	113465	12 3.0
S 170.14/T 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45				
		10.82- 03.93	111331	28 60		10.82- 03.93	113466	24 4.0
S 170.15 5.5	(Midliner)[MIDR06.02.12D]	10.82- 03.93	110163	28 45		10.82- 09.93	113466	24 4.0
						10.82- 09.93	113465	12 3.0
S 180.08 6.2	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
	[MIDR06.02.26V/41]	05.96- 01.00	116042	28 60		05.96- 01.00	113466	24 4.0
S 180.09 6.2	(Messenger)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
	(Midliner)[MIDR06.02.26V]					11.92- 10.96	113466	24 4.0
	[MIDR06.02.26V/41]	05.96- 01.00	116042	28 60		05.96- 01.00	113466	24 4.0
S 210.08 6.2	(Midliner)[MIDR06.02.26W]	04.95- 01.00	110163	28 45				
		04.95- 01.00	115454	28 40				
		04.95- 01.00	116042	28 60		04.95- 01.00	113466	24 4.0
	[MIDR06.02.26W/41]	04.95- 01.00	116042	28 60		04.95- 01.00	113466	24 4.0
S 210.09 6.2	(Midliner)[MIDR06.02.26W]	04.95- 01.00	115454	28 40				
		04.95- 01.00	116042	28 60		04.95- 01.00	113466	24 4.0
	[MIDR06.02.26W/41]	04.95- 01.00	116042	28 60		04.95- 01.00	113466	24 4.0
S 220.11 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45				
		09.87- 09.90	111331	28 60		09.87- 09.90	113466	24 4.0
	[MIDR06.02.26D]	09.87- 09.90	110163	28 45				
		09.87- 09.90	111331	28 60				
S 220.13 6.2	(Midliner)[MIDR06.02.26]	09.87- 09.90	110163	28 45				
		09.87- 09.90	111331	28 60		09.87- 09.90	113466	24 4.0



	[MIDR06.02.26D]		09.87- 09.90	110163	28 45				
			09.87- 09.90	111331	28 60			09.87- 09.90	113466 24 4.0
S 220.14 6.2	(Midliner)[MIDR06.02.26]		09.87- 09.90	110163	28 45			09.87- 09.90	113466 24 4.0
			09.87- 09.90	111331	28 60				
	[MIDR06.02.26D]		09.87- 09.90	110163	28 45				
			09.87- 09.90	111331	28 60			09.87- 09.90	113466 24 4.0
S 90 3.6	(Midliner)[720]		05.84- 12.94	110163	28 45				
			05.84- 12.94	111331	28 60				
TB 191/T 8.8	[MID06.20.30]		06.80- 12.84	110163	28 45			06.80- 12.84	111231 24 6.6
TB 231/T 8.8	[MIDSO6.20.30]		06.80- 12.84	110163	28 45			06.80- 12.84	111231 24 6.6
TR 350 14.9	[MIVSO8.35.30]							08.77- 12.81	111231 24 6.6
TR 350/T 14.9	[MIVSO8.35.30]							08.77- 12.81	111231 24 6.6
Tracer 9.8	(Tracer)[MIHR 06.20.45 A41]		07.96-	112343	28 140				
TRH 350 14.9	[MIVSO8.35.30]							08.77- 06.80	111231 24 6.6
TRH 350/T 14.9	[MIVSO8.35.30]							08.77- 06.80	111231 24 6.6
Various Models 7.2			01.09-	115832*	28 80				
Various Models								05.87- 05.91	111231 24 6.6
Rover									
PASSENGER CARS EU									
25 1.1 16V	[11K4F]	Chas. -YD471564	05.05-	111756	14 65			05.05-	113346 12 0.8
		Chas. TD471565- ,YD524392	05.05-	112414	14 85				
25 1.4 16V	[14K4F]		10.99-	112414	14 85			10.99-	113346 12 0.8
		AC	10.99-	112414	14 85				
	[14K4M]		10.99-	112414	14 85			10.99-	113346 12 0.8
		AC	10.99-	112414	14 85				
25 1.6 16V	[16K4F]		10.99-	112414	14 85			10.99-	113346 12 0.8
		AC	10.99-	112414	14 85				
25 1.8 16V	[18K4F]		10.99-	112414	14 85			10.99-	113281 12 1.1
	[18K4K]		02.00-	112414	14 85			02.00-	113281 12 1.1
25 2.0 IDT	[20T2N]		10.99- 05.05	114386	14 90			10.99-	113928 12 1.7
								01.02- 06.04	113361 12 1.7
45 1.4	[14K4F]		02.00-	112414	14 85			02.00- 05.05	113346 12 0.8
		AC	02.00-	112414	14 85				
45 1.6	[16K4F]		02.00-	112414	14 85			02.00-	113346 12 0.8
		AC	02.00-	112414	14 85				
45 1.8	[18K4F]		02.00-	112414	14 85			02.00-	113281 12 1.1
		AC	02.00-	112414	14 85				
45 2.0 V6	[20K4F]		02.00-	115864	14 90				
45 2.0 IDT	[20T2N]		02.00- 05.05	114386	14 90			02.00-	113928 12 1.7
								02.00-	113361 12 1.7
75 1.8 Turbo	[18K4G]							05.03-	114502 12 1.2
75 2.0 V6	[20K4F]		02.99-	115864	14 90			AT 02.99-	115950 12 2.0
75 2.0 CDT	[M47R]		02.99-	112462	14 120			02.99-	113965 12 2.0
			02.99-	112472	14 100				
75 2.0 CDTi	[204D2]		02.03-	112462	14 120			02.03-	113965 12 2.0
			02.03-	112472	14 100				
75 2.5 V6	[25K4F]		10.01-	115864	14 90			10.01-	115950 12 2.0
	[KV6]		02.99- 10.01	115864	14 90			02.99- 10.01	115950 12 2.0
111 1.1 Metro	[11K2A]		03.90- 03.98	111086	14 65			03.90-	113346 12 0.8
				111364	14 55				
	[11K2D]		03.90- 03.98	111086	14 65			03.90-	113346 12 0.8
			03.90-	111364	14 55				
114 1.4	[14K2D]		03.90-	111364	14 55			03.90-	113346 12 0.8
			03.90-	112238	14 65				
	[14K4F]							03.97- 10.98	113346 12 0.8
114 1.4 Metro	[14K2A]		03.90-	111364	14 55			03.90-	113346 12 0.8
			03.90-	112238	14 65				
			09.90- 03.98	111756	14 65				
	[14K2D]		09.90- 03.98	111756	14 65			04.94-	113346 12 0.8
114 1.4 16V Metro	[14K4C]		03.90-	111364	14 55			03.90-	113346 12 0.8
			03.90-	112238	14 65				
			02.96-	111756	14 65				
	[14K4D]		03.90-	111364	14 55			03.90-	113346 12 0.8
			03.90-	112238	14 65				
			02.96-	111756	14 65				
114 1.4 GSi	[14K4F]		10.94- 10.95	111364	14 55			10.94- 10.95	113346 12 0.8
			10.94- 10.95	112238	14 65				
114 1.4 GTi 16V	[14K4F]		08.91-	112238	14 65			08.91-	113346 12 0.8
114 1.4 GTi 16V Metro	[14K4C]		03.90- 08.91	112238	14 65			03.90- 08.91	113346 12 0.8
	[14K4D]		03.90- 08.91	112238	14 65			03.90- 08.91	113346 12 0.8
114 1.4	[TUD3]							AT 10.92- 12.94	113346 12 0.8
								10.92- 12.94	111029 12 1.4
115 1.5 Diesel Metro	[TUD5]		12.94- 12.98	112287	14 70			12.94- 12.98	111029 12 1.4
200 1.8	[18K4F]		08.99- 03.00	111756	14 65			08.99- 03.00	113281 12 1.1
200 2.0 Diesel SD	[20T2R]	Chas. -YD471564	11.95- 03.00	114386	14 90			11.95-	113361 12 1.7
211 1.1	[11K2D]		01.98-	111756	14 65			01.98-	113346 12 0.8
213 1.3	[EV2]		09.85- 09.89	110927	14 55			09.85- 09.89	110249 12 0.8
214 1.4	[14K2A]		09.93-	111362	14 55			09.93-	113346 12 0.8
	[14K2D]		09.93-	111362	14 55			09.93-	113346 12 0.8
	[14K4C]		10.89- 09.93	111364	14 55	▲	Chas. 605482-	10.89- 02.96	113346 12 0.8
			10.89- 09.93	112238	14 65				
		Chas. A679673-	10.92- 02.96	112238	14 65				
	[14K4D]		10.89-	111364	14 55	▲		10.89-	113346 12 0.8
			10.89- 09.93	112238	14 65				
	[14K4F]		12.92-	111364	14 55	▲		12.92-	113346 12 0.8
			12.92-	112238	14 65				
214 1.4 i	[14K2F]		11.95-	111756	14 65			11.95-	113346 12 0.8
	[14K4C]		01.92-	111362	14 55			01.92-	113346 12 0.8
	[14K4D]		01.92-	111362	14 55			01.92-	113346 12 0.8
	[14K4F]		01.93-	112238	14 65			01.93-	113346 12 0.8
214 1.4 Si	[14K4F]		02.96-	111756	14 65			11.95-	113346 12 0.8
216 1.6	[16H]		03.85- 09.89	111756	14 65				
216 1.6 Vitesse	[16H]		03.85- 09.89	111086	14 65				
216 1.6 GSi	[D16 Z2]		10.89- 02.96	111578	14 60				
216 1.6 GTi	[D16 A8]		09.90-	111578	14 60				
	[D16 A9]		09.90- 10.95	111578	14 60				
216 1.6 i	[16K4F]		01.96- 03.00	111756	14 65			01.96- 03.00	113346 12 0.8

STARTERS & ALTERNATORS



Application list

ROVER Continued

	[D16 A8]	01.92-	111578	14 60				
216 1.6 Si	[16K4F]	02.96-	111756	14 65	11.95-	113346	12 0.8	
216 1.6 Turbo	[D16 A8]	10.92-	111578	14 60				
218 1.8 i	[18K4K]	11.95-03.00	111756	14 65	11.95-	113281	12 1.1	
		11.95-	112202	14 85				
218 1.8 Diesel	[XUD7TE]				09.91- 10.95	113928	12 1.7	
220 2.0 GTi	[20M4F]	09.91- 10.95	110968	14 70				
		09.91-	111355	14 65				
220 2.0 Turbo	[20T4G]	10.92-	110968	14 70				
		10.92-	111355	14 65 ▲				
220 2.0 SDi	[20T2N]	11.95-03.00	114386	14 90	11.95-	113361	12 1.7	
400 1.4	[14K2F]	03.96- 12.97	111756	14 65	03.96- 12.97	113346	12 0.8	
400 1.6	[D16B2]	05.95- 03.00	111756	14 65	05.95- 03.00	111442	12 1.4	
		05.95- 03.00	112414	14 85				
400 1.8 i	[18K4K]	06.96- 11.98	111756	14 65	06.96-	113281	12 1.1	
414 1.4	[14K4C]		111364	14 55 ▲	04.90-	113346	12 0.8	
	[14K4D]	04.90- 02.96	111364	14 55 ▲	04.90-	113346	12 0.8	
	[14K4F]	01.93-	112238	14 65	01.93-	113346	12 0.8	
414 1.4 Si	[14K4F]	04.96-	111756	14 65	05.95-	113346	12 0.8	
416 1.6	[D16 Z2]	04.90-	111578	14 60				
416 1.6 16V	[16K4F]	03.96-	111756	14 65	03.96-	113346	12 0.8	
416 1.6 GTi	[D16 A8]	04.90-	111578	14 60				
416 1.6 Si	[16K4F]	04.96-	111756	14 65	AT, Chas. AD250029- 05.95- 03.00	112217	12 1.0	
		04.96-	112202	14 85	05.95- 03.00	113346	12 0.8	
	[D16Y2]	04.96-	111756	14 65	AT, Chas. AD250029- 05.95- 03.00	112217	12 1.0	
		04.96-	112202	14 85	05.95- 03.00	113346	12 0.8	
418 1.8 16V	[18 K4K (VVC)]	01.97- 12.98	111756	14 65				
420 2.0 Diesel Di	[20T2N]	05.95- 03.00	114386	14 90	05.95-	113361	12 1.7	
420 2.0 Diesel	[20T2N]	05.95- 03.00	114386	14 90	05.95-	113361	12 1.7	
	[20T2R]	11.95- 03.00	114386	14 90	11.95-	113361	12 1.7	
618 1.9 i Si	[F18A3]				AT 03.96-	111442	12 1.4	
					03.96-	112214	12 1.6	
620 2.0 i	[F20Z2]				08.93- 06.96	112214	12 1.6	
620 2.0 Si	[F20Z1]				AT 08.93-	111442	12 1.4	
					08.93-	112214	12 1.6	
620 2.0 SDi	[20T2N]	12.94- 12.98	114386	14 90	12.94-	113361	12 1.7	
623 2.3 Si	[H23A3]				AT 08.93-	111442	12 1.4	
					08.93-	112214	12 1.6	
820 2.0 16V Si	[20HD]	10.86- 10.88	110968	14 70				
820 2.0 i 16V	[20HD]	10.86- 10.88	110968	14 70				
		10.86- 10.88	111738	14 65				
		10.88- 01.91	111355	14 65				
820 2.0 i	[20HD]				10.88- 12.91	110443	12 2.1	
	[20T4H]				01.92- 02.99	110443	12 2.1	
820 2.0 Si	[20HD]				10.88- 12.91	110443	12 2.1	
	[20HDM16]	10.88- 12.91	110968	14 70	10.88- 12.91	111131	12 0.8	
		10.88- 12.91	111355	14 65				
825 2.5 Diesel	[425SL1RR]				01.92-	112454	12 2.2	
	[4924SHIRG]				01.92-	112454	12 2.2	
825 2.5 TD	[425SL1RR]				09.93-	112454	12 2.2	
	[4924SHIRG]				09.93-	112454	12 2.2	
825 2.7 SLi Vitesse	[C27A2]	10.88- 12.91	110968	14 70				
		10.88- 12.91	111355	14 65				
827 2.7	[C27A1]	10.88- 12.91	110968	14 70				
		10.88- 12.91	111355	14 65				
827 2.7 24V	[C27A1]	08.92- 02.99	110968	14 70				
		08.92-	111355	14 65				
827 2.7 Si	[C27A1]	01.92- 02.99	110968	14 70				
		01.92-	111355	14 65				
	[C27A2]	02.88- 12.91	110968	14 70				
		02.88- 12.91	111355	14 65				
827 2.7 Si Sterling	[C27A1]	02.88- 02.99	110968	14 70				
		02.88-	111355	14 65				
	[C27A2]	02.88- 12.91	110968	14 70				
1300 1.3	[12A2A]	06.91- 02.94	112203	14 65				
	[12A2B]	04.92- 10.96	112203	14 65				
	[12A2L]	05.96- 10.96	112203	14 65				
2200 2.2		09.63- 05.76	111185	14 43 A47				
3500 3.5	[38A]	06.76- 01.77	113474	14 65				
		04.68- 05.76	111184	14 43				
820 E 2.0	[20HS]	10.86- 10.91	110968	14 70				
		10.86- 10.88	111738	14 65				
		10.88- 10.91	111355	14 65				
Commerce 1.4		01.03- 12.05	111756	14 65	01.03- 12.05	113346	12 0.8	
		01.03- 12.05	112414	14 85				
Commerce 2.0 Diesel		01.03- 12.05	114386	14 90	01.03- 12.05	113361	12 1.7	
Maestro 1.3	[12HE]	09.90- 01.95	110770	14 55				
Maestro 1.6		09.90- 01.95	111086	14 65				
Maestro 2.0 Diesel	[Prima 65]	09.90- 10.92	110770	14 55				
Maestro 2.0 TD	[BB]	09.90- 01.95	110770	14 55				
Mini 1.0 1000	[99HD81]	01.92- 06.93	111289	14 70				
Mini 1.3	[12 A2B]	10.92- 07.96	111289	14 70				
	[12A2E]	09.94- 07.96	111289	14 70				
		01.96- 09.00	112203	14 65				
Mini 1.3 1300	[12A2A]	01.91- 12.91	110178	14 36				
	[12A2D]	01.92-	111289	14 70				
		01.92-	112203	14 65				
	[12A2E]	01.92-	112203	14 65				
Mini Hatchback 1.3 Cooper		01.92- 10.96	112203	14 65				
Montego 1.3	[12HL]	10.84- 10.88	111362	14 55				
Montego 1.6	[16HL]	01.84- 01.91	111086	14 65				
		10.90- 09.92	111176	14 75 A47				
Montego 2.0	[20H]	12.90-	110770	14 55				
Montego 2.0 GTi	[20H]	01.84- 01.92	112238	14 65				
		10.88- 10.91	110968	14 70				
		10.88- 10.91	111362	14 55				
	AC	10.88- 10.91	111355	14 65				



Montego 2.0 TD	[BB]	10.88- 10.95	110770	14	55				
Streetwise 1.4	[14K4F]					08.03-	113346	12	0.8
Streetwise 2.0 TD	[20T2N]	08.03- 05.05	114386	14	90	08.03-	113361	12	1.7
Ruggerini									
MARINE									
Various Models						05.82-	112034	12	1.7
							112497	12	1.4
						02.95-	115423	12	3.0
MOTORS									
Ni Vozil							113480	12	1.2
RF80						09.81-	112034	12	1.7
RF81						09.81-	112034	12	1.7
RF96						03.88-	112034	12	1.7
RF99						06.86-	112034	12	1.7
Various Models 0.7	[MD15.]					06.87-	112497	12	1.4
	[MM150]					07.91-	112497	12	1.4
	[MW15.]					02.89-	112497	12	1.4
Various Models 0.9	[MD19.]					03.89-	112497	12	1.4
						03.89-	114719	12	1.2
	[MM19.]					03.89-	112497	12	1.4
	[MW19.]					06.89-	112497	12	1.4
Various Models	[MD300]						115697	12	1.8
	[MD301]						115697	12	1.8
	[MD350]						115697	12	1.8
						09.81-	112034	12	1.7
						09.81-	115423	12	3.0
Sabb									
MARINE									
9 1.6	[2G]					01.59- 06.83	111284	12	2.5
						01.59- 06.83	111304	12	2.7
16 1.9	[2J]					01.72-	111284	12	2.5
						01.72-	111304	12	2.7
Sabre									
MARINE									
Various Models			112112	14	70				
			113714	28	55				
Same									
AGRICULTURE									
100DT	[1000.4WT]		115689	14	80				
70DT	[1000.3W]		115689	14	80				
75DT	[1000.4W]		115689	14	80				
90DT	[1000.4WT]		115689	14	80				
Buffalo 120 6.2	[DA1056]					01.78- 10.80	110530	12	3.0
						07.74- 12.77	110551	12	3.0
						10.80- 10.81	111001	12	3.0 DD
						12.81- 10.87	110530	12	3.0
Centaur 70 Diesel		12.81- 10.87	116133	14	33 A49				
		12.81- 10.87	111180	14	33				
		12.81- 10.87	110882	14	45				
		06.85-	110890	14	55				
Centurion 75 Diesel		11.78- 05.88	116133	14	33 A49	11.78- 05.88	110530	12	3.0
		11.78- 05.88	111180	14	33				
		11.78- 05.88	110882	14	45				
		01.81-	110890	14	55				
Drago 5.4						11.71- 12.77	110551	12	3.0
						10.80- 10.83	111001	12	3.0 DD
						01.78- 05.86	110530	12	3.0
Explorer 60 3.0 Diesel	[100.3A]	06.86-	110882	14	45				
Explorer 70 4.0 Diesel		07.86-	110882	14	45	07.86-	111001	12	3.0 DD
Explorer 80 4.0 Diesel						07.86-	111001	12	3.0 DD
Explorer 90 4.0 Diesel		06.86-	110882	14	45	06.86-	111001	12	3.0
Frutteto 75 3.0 Diesel						05.91-	110530	12	3.0
						05.91-	111001	12	3.0 DD
Galaxy 170 6.2 Diesel						06.83-	110530	12	3.0
Laser 100 5.2 Diesel		03.84- 05.85	110882	14	45	03.84-	110530	12	3.0
Laser 110 5.7 Diesel						03.83- 12.87	110530	12	3.0
Laser 130 6.2 Diesel						04.83- 12.87	110530	12	3.0
Laser 150 6.2 Diesel		03.83-	110882	14	45	03.83- 12.87	110530	12	3.0
Panter 4.5	[DA985]					07.74- 12.77	110551	12	3.0
Ranger 45 2.7 Diesel		02.82-	116133	14	33 A49	02.82-	110530	12	3.0
		02.82- 08.85	111180	14	33				
		09.85- 04.88	110882	14	45				
Solar 50 2.7 Diesel		06.86-	110882	14	45				
Solar 55 2.8 Diesel		06.87-	110882	14	45				
Solar 60 3.1 Diesel						06.86-	110530	12	3.0
Titan 160 6.0 Diesel		05.91-	112556	14	95	05.91-	110530	12	3.0
Titan 190 6.0 Diesel		01.92-	112556	14	95	01.92-	110530	12	3.0
Transporter						01.91-	110530	12	3.0
Various Models		01.70- 01.97	111649	14	33		116093	12	4.0
			116077				110551	12	3.0
						11.71- 12.77	110551	12	3.0
							111001	12	3.0 DD
						05.60-	110530	12	3.0
Sampo-Rosenlew									
AGRICULTURE									
Various Models							114254	12	2.7 GR
						01.70- 01.90	111737	12	2.8
							116134	12	3.0 A49
						01.69-	110545	12	3.0
Scania									
TRUCKS EU									
230 11.7	[DC12.13]	09.05-	114028	28	80				
		09.05-	114753	28	100				
		09.05-	115493	28	80 A49	09.05-	113891	24	5.5
		09.05-	115498	28	100 A49	09.05-	115509	24	5.5 A49
230 8.9	[DC9.13]	09.04-	114028	28	80				
		09.04-	114753	28	100				
		09.04- 09.06	115493	28	80 A49	09.04-	113891	24	5.5
		09.04- 09.06	115498	28	100 A49	09.04- 09.06	115509	24	5.5 A49



SCANIA Continued

Application list

	[DC9.16]	09.04- 09.04- 09.04- 09.04-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		09.04- 09.04-	113891 115509	24 5.5 24 5.5 A49
	[DC9.18]	09.04- 09.04- 09.04- 09.04-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		09.04- 09.04-	113891 115509	24 5.5 24 5.5 A49
230 9.0	[DC9.01]	04.04- 04.04-	111886 115800	28 65 28 100		04.04- 04.04- 04.04-	110527 112224 110212	24 4.0 24 6.7 24 6.6
	[DC9.04]	04.04- 04.04-	111886 115800	28 65 28 100		04.04- 04.04- 04.04-	110527 112224 110212	24 4.0 24 6.7 24 6.6
230 9.3	[DC9.30]	09.07- 09.07- 09.07- 09.07-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		09.07- 09.07-	113891 115509	24 5.5 24 5.5 A49
	[DC9.35]	09.07- 09.07- 09.07- 09.07-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		09.07- 09.07-	113891 115509	24 5.5 24 5.5 A49
	[DC9.39]	09.07- 09.07- 09.07- 09.07-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		09.07- 09.07-	113891 115509	24 5.5 24 5.5 A49
250 9.3	[DC09.109]	08.12- 08.12- 08.12- 08.12-	111834 112343 114753 115498	28 55 28 140 28 100 28 100		08.12- 08.12-	113891 115509	24 5.5 24 5.5 A49
	[DC09.111]	08.12- 08.12- 08.12- 08.12-	111834 112343 114753 115498	28 55 28 140 28 100 28 100		08.12- 08.12-	113891 115509	24 5.5 24 5.5 A49
260 9.0	[DC9.02]	04.04- 04.04-	111886 115800	28 65 28 100		04.04- 04.04- 04.04-	110527 112224 110212	24 4.0 24 6.7 24 6.6
	[DC9.05]	04.04- 04.04-	111886 115800	28 65 28 100		04.04- 04.04- 04.04-	110527 112224 110212	24 4.0 24 6.7 24 6.6
270 11.7	[DC12.17]	04.04- 09.05- 09.05- 09.05-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 09.05-	113891 115509	24 5.5 24 5.5 A49
270 8.9	[DC9.12]	04.04- 04.04- 09.04- 09.04- 09.06 09.04- 09.06	114382 114753 114028 115493 115498	28 100 28 100 28 80 28 80 A49 28 100 A49		09.04- 09.06 04.04-	115509 113891	24 5.5 A49 24 5.5
	[DC9.17]	04.04- 09.04- 09.04- 09.04-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 09.04-	113891 115509	24 5.5 24 5.5 A49
280 9.3	[DC09.113]	07.09- 07.09- 07.09- 07.09- 08.12- 08.12-	114028 114753 115493 115498 111834 112343	28 80 28 100 28 80 A49 28 100 A49 28 55 28 140		07.09- 07.09-	113891 115509	24 5.5 24 5.5 A49
	[DC9.29]	09.07- 09.07- 09.07- 09.07- 08.12- 08.12-	114028 114753 115493 115498 111834 112343	28 80 28 100 28 80 A49 28 100 A49 28 55 28 140		09.07- 09.07-	113891 115509	24 5.5 24 5.5 A49
	[DC9.36]	07.09- 07.09- 07.09- 07.09- 08.12- 08.12-	114028 114753 115493 115498 111834 112343	28 80 28 100 28 80 A49 28 100 A49 28 55 28 140		07.09- 07.09-	113891 115509	24 5.5 24 5.5 A49
	[DC9.38]	07.09- 07.09- 07.09- 07.09- 08.12- 08.12-	114028 114753 115493 115498 111834 112343	28 80 28 100 28 80 A49 28 100 A49 28 55 28 140		07.09- 07.09-	113891 115509	24 5.5 24 5.5 A49
300 9.0	[DC9.03]	04.04- 04.04-	111886 115800	28 65 28 100		04.04- 04.04- 04.04-	110527 112224 110212	24 4.0 24 6.7 24 6.6
	[DC9.06]	04.04- 04.04-	111886 115800	28 65 28 100		04.04- 04.04- 04.04-	110527 112224 110212	24 4.0 24 6.7 24 6.6
310 8.9	[DC9.11]	04.04- 09.04- 09.04- 09.06 09.04- 09.06	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 09.04- 09.06	113891 115509	24 5.5 24 5.5 A49
	[DC9.17]	04.04- 09.05- 09.05- 09.05-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 09.05-	113891 115509	24 5.5 24 5.5 A49
	[DC9.18]	04.04- 09.04- 09.04- 09.04-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 09.04-	113891 115509	24 5.5 24 5.5 A49



320 9.3	[DC09.108]	07.09-	111834	28 55				
		07.09-	112343	28 140				
		07.09-	114028	28 80				
		07.09-	114753	28 100				
		07.09-	115493	28 80 A49	07.09-	113891	24 5.5	
		07.09-	115498	28 100 A49	07.09-	115509	24 5.5	A49
	[DC9.22]	07.09-	111834	28 55				
		07.09-	112343	28 140				
		07.09-	114028	28 80				
		07.09-	114753	28 100				
		07.09-	115493	28 80 A49	07.09-	113891	24 5.5	
		07.09-	115498	28 100 A49	07.09-	115509	24 5.5	A49
	[DC9.32]	07.09-	111834	28 55				
		07.09-	112343	28 140				
		07.09-	114028	28 80				
		07.09-	114753	28 100				
		07.09-	115493	28 80 A49	07.09-	113891	24 5.5	
		07.09-	115498	28 100 A49	07.09-	115509	24 5.5	A49
	[DC9.37]	07.09-	111834	28 55				
		07.09-	112343	28 140				
07.09-		114028	28 80					
07.09-		114753	28 100					
07.09-		115493	28 80 A49	07.09-	113891	24 5.5		
	07.09-	115498	28 100 A49	07.09-	115509	24 5.5	A49	
340 10.6	[DC11.08]	03.04-	114028	28 80				
		03.04-	114753	28 100				
		03.04- 09.06	115493	28 80 A49	03.04-	113891	24 5.5	
		03.04- 09.06	115498	28 100 A49	03.04- 09.06	115509	24 5.5	A49
340 11.7	[DC12.10]	04.04-	114753	28 100				
		08.04-	114028	28 80				
		08.04-	115493	28 80 A49				
		08.04-	115498	28 100 A49	04.04-	113891	24 5.5	
		08.06-	112343	28 140				
		08.06-	114382	28 100				
		08.06-	116119*	28 100	08.04-	115509	24 5.5	A49
	[DC12.13]	09.05-	114028	28 80				
		09.05-	114753	28 100				
		09.05-	115493	28 80 A49	09.05-	113891	24 5.5	
		09.05-	115498	28 100 A49	09.05-	115509	24 5.5	A49
	[DC12.17]	09.05-	114028	28 80				
09.05-		114753	28 100					
09.05-		115493	28 80 A49	09.05-	113891	24 5.5		
	09.05-	115498	28 100 A49	09.05-	115509	24 5.5	A49	
[DC12.26]	08.04-	114028	28 80					
	08.04-	114753	28 100					
	08.04-	115493	28 80 A49	08.04-	113891	24 5.5		
	08.04-	115498	28 100 A49	08.04-	115509	24 5.5	A49	
360 12.7	[DC13.06]	03.08-	114382	28 100				
		09.09-	112343	28 140				
		09.09-	114753	28 100				
		09.09-	115586	28 150				
		09.09-	115800	28 100				
		09.09-	116119*	28 100				
		04.10-	114028	28 80				
		04.10-	115493	28 80 A49				
		04.10-	115498	28 100 A49	09.09-	113891	24 5.5	
		04.10-	116170	14 120				
	[DC13.114]	04.10-	112343	28 140				
		04.10-	114382	28 100				
		04.10-	114753	28 100				
		04.10-	115586	28 150				
04.10-		115800	28 100	04.10-	113891	24 5.5		
04.10-		116119*	28 100	04.10-	115509	24 5.5		
360 9.3	[DC09.112]	09.13-	111834	28 55				
		09.13-	112343	28 140				
		09.13-	114753	28 100	09.13-	113891	24 5.5	
		09.13-	115498	28 100	09.13-	115509	24 5.5	A49
370 12.7	[DC13.116]	09.13-	114382	28 100				
380 10.6	[DC11.09]	03.04-	114028	28 80				
		03.04-	114753	28 100				
		03.04- 09.06	115493	28 80 A49	03.04-	113891	24 5.5	
	03.04- 09.06	115498	28 100 A49	03.04- 09.06	115509	24 5.5	A49	
380 11.7	[DC12.13]	04.04-	114753	28 100				
		08.04-	114028	28 80				
		08.04-	115493	28 80 A49	04.04-	113891	24 5.5	
		08.04-	115498	28 100 A49	08.04-	115509	24 5.5	A49
	[DC12.17]	09.05-	114028	28 80				
		09.05-	114753	28 100				
		09.05-	115493	28 80 A49	09.05-	113891	24 5.5	
		09.05-	115498	28 100 A49	09.05-	115509	24 5.5	A49
[DC12.18]	04.04-	114753	28 100					
	09.04-	114028	28 80					
	09.04-	115493	28 80 A49	04.04-	113891	24 5.5		
	09.04-	115498	28 100 A49	09.04-	115509	24 5.5	A49	
400 12.7	[DC13.05]	03.08-	114028	28 80				
		03.08-	114382	28 100				
		03.08-	114753	28 100				
		03.08-	115493	28 80 A49	03.08-	113891	24 5.5	
		03.08-	115498	28 100 A49	03.08-	115509	24 5.5	A49
		03.09-	112343	28 140				
		03.09-	115586	28 150				
		03.09-	115800	28 100				
		03.09-	116119*	28 100				
		[DC13.06]	08.10-	114382	28 100			



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	[DC13.103]	08.10- 08.10- 08.10- 08.10-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		08.10- 08.10-	113891 115509	24 5.5 24 5.5 A49
	[DC13.113]	03.09- 03.09- 03.09- 03.09- 03.09- 03.09- 01.10- 01.10- 01.10-	112343 114382 114753 115586 115800 116119* 114028 115493 115498	28 140 28 100 28 100 28 150 28 100 28 100 28 80 28 80 A49 28 100 A49		03.09- 03.09-	113891 115509	24 5.5 24 5.5 A49
410 12.7	[DC13.115]	09.13-	114382	28 100				
420 11.7	[DC12.06]	03.04- 04.04- 04.04- 04.04-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 03.04-	115509 113891	24 5.5 A49 24 5.5
	[DC12.14]	03.04- 03.04- 03.04- 09.06 03.04- 09.06	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		03.04- 03.04- 09.06	113891 115509	24 5.5 24 5.5 A49
	[DC12.15]	02.04- 02.04- 09.06 02.04- 09.06 03.04-	114028 115493 115498 114753	28 80 28 80 A49 28 100 A49 28 100		03.04- 02.04- 09.06	113891 115509	24 5.5 24 5.5 A49
	[DT12.11]	03.04- 03.04- 03.04- 03.04-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5 A49
	[DT12.12]	03.04- 03.04- 03.04- 03.04-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5 A49
	[DT12.14]	09.05- 09.05- 09.05- 09.05-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		09.05- 09.05-	113891 115509	24 5.5 24 5.5 A49
440 12.7	[DC13.10]	03.08- 03.08- 03.08- 03.08-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		03.08- 03.08-	113891 115509	24 5.5 24 5.5 A49
	[DC13.109]	01.10- 01.10- 01.10- 01.10-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5 A49
	[DC13.112]	07.09- 07.09- 07.09- 07.09-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		07.09- 07.09-	113891 115509	24 5.5 24 5.5 A49
	[DC13.121]	01.10- 01.10- 01.10- 01.10-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5 A49
450 12.7	[DC13.124]	09.13- 09.13- 09.13- 09.13-	111834 112343 114753 115498	28 55 28 140 28 100 28 100		09.13- 09.13-	113891 115509	24 5.5 24 5.5 A49
470 11.7	[DT12.03]	03.04- 03.04- 03.04- 03.04-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		03.04- 03.04-	113891 115509	24 5.5 24 5.5 A49
	[DT12.06]	03.04- 10.05 03.04- 10.05 03.04- 10.05 03.04- 10.05	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		03.04- 10.05 03.04- 10.05	113891 115509	24 5.5 24 5.5 A49
480 11.7	[DT12.03]	04.04- 04.04- 04.04- 04.04-	114028 114753 115493 115498	28 80 28 100 28 80 A49 28 100 A49		04.04- 04.04-	113891 115509	24 5.5 24 5.5 A49
	[DT12.17]	04.04- 09.04- 09.04- 09.04-	114753 114028 115493 115498	28 100 28 80 28 80 A49 28 100 A49		04.04- 09.04-	113891 115509	24 5.5 24 5.5 A49
480 12.7	[DC13.07]	04.10- 04.10- 04.10- 04.10- 04.10- 04.10-	112343 114382 115586 115800 116119* 114028 114753 115493 115498	28 140 28 100 28 150 28 100 28 100 28 80 28 100 28 80 A49 28 100 A49		01.10- 01.10-	113891 115509	24 5.5 24 5.5 A49
	[DC13.110]	04.10- 04.10- 04.10- 04.10- 04.10-	112343 114382 115586 115800 116119* 114028 114753 115493 115498	28 140 28 100 28 150 28 100 28 100 28 80 28 100 28 80 A49 28 100 A49		04.10- 04.10-	113891 115509	24 5.5 24 5.5



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	[DS11.73]	05.88- 08.89	111834	28 55	BO				
		05.88-	112076	28 80					
		05.88- 12.89	112182	28 80					
		05.88-	112757	28 55	BO	05.88-	112119	24	6.6
	[DS11.75]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.08]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
113 H/320 11.0	[DSC11.16]	05.88- 08.89	111834	28 55	BO				
		05.88-	112076	28 80					
		05.88- 12.89	112182	28 80					
		05.88-	112757	28 55	BO	05.88-	112119	24	6.6
		01.94-	111886	28 65					
	[DSC11.17]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.21]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
113 H/360 11.0	[DSC11.13]	05.88- 08.89	111834	28 55	BO				
		05.88-	112076	28 80					
		05.88- 12.89	112182	28 80					
		05.88-	112757	28 55	BO	05.88-	112119	24	6.6
		01.94-	111886	28 65					
	[DSC11.18]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.23]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.30]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
		01.94-	111886	28 65					
113 H/380 11.0	[DSC11.22]	01.91-	112757	28 55	BO	01.91-	112119	24	6.6
	[DSC11.70]	01.91-	112757	28 55	BO	01.91-	112119	24	6.6
113 M/320 11.0	[DSC11.16]	05.88- 08.89	111834	28 55	BO				
		05.88- 12.89	112182	28 80					
		08.89-	112076	28 80					
		08.89-	112757	28 55	BO	05.88-	112119	24	6.6
		01.94-	111886	28 65					
	[DSC11.17]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.21]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
113 M/360 11.0	[DSC11.13]	05.88- 08.89	111834	28 55	BO				
		05.88- 12.89	112182	28 80					
		08.89-	112076	28 80					
		08.89-	112757	28 55	BO				
		01.94-	111886	28 65		05.88-	112119	24	6.6
	[DSC11.18]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.23]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
	[DSC11.30]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	112119	24	6.6
		01.94-	111886	28 65					
113 M/380 11.0	[DSC11.22]	01.91-	112757	28 55	BO	01.91-	112119	24	6.6
	[DSC11.70]	01.91-	112757	28 55	BO	01.91-	112119	24	6.6
113 M/400 11.0	[DTC11.01]	01.92-	112757	28 55	BO	01.92-	110212	24	6.6
	[DTC11.02]	01.94-	112757	28 55	BO	01.94-	110212	24	6.6
114 C/340 10.6	[DC11.01]		111886	28 65					
	[DC11.03]		111886	28 65			110527	24	4.0
114 C/340 11.0	[DC11.01]	03.96-	111886	28 65		03.98-	110527	24	4.0
		05.96-	111720	28 90		03.98-	110212	24	6.6
		05.96-	115800	28 100		03.98-	112224	24	6.7
	[DC11.03]	02.96-	111886	28 65		03.98-	112224	24	6.7
		05.96-	111720	28 90		03.98-	110527	24	4.0
		03.98-	115800	28 100		03.98-	110212	24	6.6
	[DSC11.79]	05.96- 05.99	111886	28 65		05.96-	110527	24	4.0
114 C/380 10.6	[DC11.02]	03.98-	111720	28 90					
		03.98-	115800	28 100					
			111886	28 65					
	[DC11.04]	03.98-	111720	28 90		03.98-	110212	24	6.6
		03.98-	111886	28 65		03.98-	110527	24	4.0
		03.98-	115800	28 100		03.98-	112224	24	6.7
114 G/340 10.6	[DC11.01]		111886	28 65		03.98-	110527	24	4.0
	[DC11.03]		111886	28 65		03.98-	110527	24	4.0
114 G/340 11.0	[DC11.01]	05.96-	111720	28 90		03.98-	111910	24	6.7
		05.96-	111886	28 65		03.98-	112224	24	6.7
		05.96-	115800	28 100		03.98-	110212	24	6.6
						03.98-	110527	24	4.0
	[DC11.03]	03.98-	111886	28 65		03.98-	111910	24	6.7
		03.98-	115800	28 100		03.98-	112224	24	6.7
						03.98-	110212	24	6.6
						03.98-	110527	24	4.0
	[DSC11.79]	05.96-	111720	28 90					
		05.96-	111886	28 65		05.96-	110212	24	6.6
		05.96-	115800	28 100		05.96-	110527	24	4.0
114 G/380 10.6	[DC11.02]	03.98-	111720	28 90					
		03.98-	115800	28 100					
			111886	28 65					
	[DC11.04]	03.98-	111720	28 90					
		03.98-	111886	28 65					
		03.98-	115800	28 100		03.98-	112224	24	6.7
114 G/380 11.0	[DC11.02]	03.98-	111886	28 65		03.98-	110212	24	6.6
		03.98-	115800	28 100		03.98-	110527	24	4.0
						03.98-	111910	24	6.7
114 L/340 10.6	[DC11.01]	05.96-	111720	28 90					
		03.98-	115800	28 100					
			09.04	111886	28 65				



	[DC11.02]	03.98- 03.98- 03.98-	111720 111886 115800	28 90 28 65 28 100				
	[DC11.03]	05.96- 03.98-	111720 115800 111886	28 90 28 100 28 65				
	[DC11.04]	03.98- 03.98- 03.98-	111720 111886 115800	28 90 28 65 28 100				
114 L/340 11.0	[DC11.01]	03.98- 03.98-	111886 115800	28 65 28 100	03.98- 03.98- 03.98-	111910 112224 110527	24 6.7 24 6.7 24 4.0	
	[DC11.03]	03.98- 03.98-	111886 115800	28 65 28 100	03.98- 03.98- 03.98-	111910 112224 110527	24 6.7 24 6.7 24 4.0	
	[DSC11.07]	05.96- 05.96-	111886 115800	28 65 28 100	05.96- 05.96-	110212 110527	24 6.6 24 4.0	
	[DSC11.79]	05.96- 05.96-	111886 115800	28 65 28 100	05.96- 05.96-	110212 110527	24 6.6 24 4.0	
114 L/380 10.6	[DC11.02]	02.96- 09.04 03.98- 03.98-	111886 111720 115800	28 65 28 90 28 100				
	[DC11.04]	03.98- 03.98- 03.98-	111720 111886 115800	28 90 28 65 28 100				
114 L/380 11.0	[DC11.02]	03.98- 03.98-	111886 115800	28 65 28 100	03.98- 03.98- 03.98- 03.98-	111910 112224 110212 110527	24 6.7 24 6.7 24 6.6 24 4.0	
	[DC11.04]	03.98- 03.98-	111886 115800	28 65 28 100	03.98- 03.98- 03.98- 03.98-	111910 112224 110212 110527	24 6.7 24 6.7 24 6.6 24 4.0	
12.35 12.7	[DC13.05]		114382	28 100				
12.37 12.7	[DC13.05]		114382	28 100				
12.92 13.87 15.37 12.7	[DC13.05]		114382	28 100				
124 /G420 11.7	[DC12.01]					110527	24 4.0	
	[DSC12.05]					110527	24 4.0	
124 C/360 11.7	[DSC12.02]	09.96- 09.96- 111886	111720 115800 28 65	28 90 28 100 28 65	09.96-	111910	24 6.7	
124 C/400 11.7	[DSC12.01]	09.96- 09.96- 09.96-	111720 111886 115800	28 90 28 65 28 100	09.96-	111910	24 6.7	
124 C/420 11.7	[DC12.01]	05.96- 02.02 08.02	115800 111886	28 100 28 65	05.96- 02.02	111910	24 6.7	
	[DC12.03]	05.96- 02.02 05.96- 02.02	111886 115800	28 65 28 100	05.96- 02.02	111910	24 6.7	
	[DSC12.05]	05.96- 02.02 05.96- 02.02	111886 115800	28 65 28 100	05.96- 02.02	111910	24 6.7	
124 C/470 11.7	[DT12.02]		111886	28 65				
124 G/ 420 11.7	[DC12.01]		111886	28 65				
124 G/360 11.7	[DSC12.02]	05.96- 05.96- 05.96-	111720 111886 115800	28 90 28 65 28 100	05.96- 05.96- 05.96-	110212 110527 111910	24 6.6 24 4.0 24 6.7	
124 G/400 11.7	[DSC12.01]	05.96- 05.96- 05.96-	111720 111886 115800	28 90 28 65 28 100	05.96- 05.96- 05.96-	110212 110527 111910	24 6.6 24 4.0 24 6.7	
124 G/420 11.7	[DC12.01]	09.97- 09.97- 09.97-	111720 111886 115800	28 90 28 65 28 100	09.97- 09.97- 09.97-	110212 110527 111910	24 6.6 24 4.0 24 6.7	
	[DC12.03]	09.97- 09.97- 09.97-	111720 111886 115800	28 90 28 65 28 100	09.97- 09.97- 09.97-	110212 110527 111910	24 6.6 24 4.0 24 6.7	
	[DSC12.05]	09.97- 09.97- 09.97-	111720 111886 115800	28 90 28 65 28 100	09.97- 09.97- 09.97-	110212 110527 111910	24 6.6 24 4.0 24 6.7	
124 L/440 11.7	[DT12.08]	01.01- 01.01-	111886 115800	28 65 28 100	09.00- 09.04 09.00- 09.04 01.01-	110212 111910 110527	24 6.6 24 6.7 24 4.0	
124 L/470 11.7	[DT12.02]	01.01-	115800 111886	28 100 28 65	01.01- 01.01- 01.01-	110527 111910 110212	24 4.0 24 6.7 24 6.6	
143 E/420 14.2	[DSC14.08]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.91- 12.96 01.91-	112119 110212	24 6.6 24 6.6	
143 E/450 14.2	[DSC14.03]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.90-	110212	24 6.6	
	[DSC14.10]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.90-	110212	24 6.6	
143 E/500 14.2	[DSC14.09]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.91-	110212	24 6.6	



Application list

SCANIA Continued

	[DSC14.16]	12.94- 12.94- 12.94-	111886 112076 112757	28 65 28 80 28 55 BO				
143 H/400 14.2	[DSC14.06]	05.88- 08.89 05.88- 12.89 08.89- 08.89-	111834 112182 112076 112757	28 55 BO 28 80 28 80 28 55 BO	12.94-	110212	24 6.6	
143 H/420 14.2	[DSC14.08]	01.91- 12.93 01.91- 12.93 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.91- 12.93	110212	24 6.6	
143 H/450 14.2	[DSC14.03]	05.88- 08.89 05.88- 12.89 08.89- 08.89- 01.94-	111834 112182 112076 112757 111886	28 55 BO 28 80 28 80 28 55 BO 28 65	05.88-	110212	24 6.6	
	[DSC14.06]	05.88- 12.89 05.88- 12.89 05.88- 12.89	111834 112182 112757	28 55 28 80 28 55	05.88- 12.89	110527	24 4.0	
	[DSC14.10]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.90-	110212	24 6.6	
143 H/470 14.2	[DSC14.04]	03.88- 08.89 03.88- 12.89 08.89- 08.89-	111834 112182 112076 112757	28 55 BO 28 80 28 80 28 55 BO	03.88-	110212	24 6.6	
143 H/500 14.2	[DSC14.09]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.91-	110212	24 6.6	
	[DSC14.16]	12.94- 12.94- 12.94-	111886 112076 112757	28 65 28 80 28 55 BO, PR	12.94-	110212	24 6.6	
143 M/420 14.2	[DSC14.08]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.91-	110212	24 6.6	
143 M/450 14.2	[DSC14.03]	05.88- 08.89 05.88- 05.88- 12.89 05.88- 01.94-	111834 112076 112182 112757 111886	28 55 BO 28 80 28 80 28 55 BO 28 65	05.88-	110212	24 6.6	
	[DSC14.10]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65	01.90-	110212	24 6.6	
143 M/470 14.2	[DSC14.04]	03.88- 08.89 03.88- 12.89 08.89- 08.89-	111834 112182 112076 112757	28 55 BO 28 80 28 80 28 55 BO	03.88-	110212	24 6.6	
143 M/500 14.2	[DSC14.09]	01.91- 01.91- 01.91-	111886 112076 112757	28 65 28 80 28 55 BO	01.91-	110212	24 6.6	
	[DSC14.16]	12.94- 12.94- 12.94-	111886 112076 112757	28 65 28 80 28 55 BO	12.94-	110212	24 6.6	
144 C/460 14.2	[DSC14.15]	09.96- 09.96- 09.96-	111720 111886 115800	28 90 28 65 28 100	09.96-	112224	24 6.7	
144 C/530 14.2	[DSC14.13]	09.96- 09.96- 09.96-	111720 111886 115800	28 90 28 65 28 100	09.96-	112224	24 6.7	
144 G/460 14.2	[DSC14.15]	04.96- 04.96- 04.96-	111720 111886 115800	28 90 28 65 28 100	04.96- 04.96- 04.96-	110527 110212 112224	24 4.0 24 6.6 24 6.7	
144 G/530 14.2	[DSC14.13]	04.96- 04.96- 04.96-	111720 111886 115800	28 90 28 65 28 100	04.96- 04.96- 04.96-	110212 110527 112224	24 6.6 24 4.0 24 6.7	
144 L/460 14.2	[DSC14.15]	11.95- 11.95- 11.95-	111720 111886 115800	28 90 28 65 28 100	11.95- 11.95- 11.95-	110212 110527 112224	24 6.6 24 4.0 24 6.7	
144 L/530 14.2	[DSC14.13]	11.95- 11.95- 11.95-	111720 111886 115800	28 90 28 65 28 100	11.95- 11.95- 11.95-	110212 110527 112224	24 6.6 24 4.0 24 6.7	
164 C/480 15.6	[DC16.02]	05.00-	114861	28 100	05.00-	111910	24 6.7	
164 C/580 15.6	[DC16.01]	05.00-	114861	28 100	05.00-	111910	24 6.7	
164 G/480 15.6	[DC16.02]	05.00- 05.04	114861 111886	28 100 28 65	05.00-	111910	24 6.7	
164 G/580 15.6	[DC16.01]	05.00-	114861	28 100	05.00-	111910	24 6.7	
164 L/480 15.6	[DC16.02]	04.00- 09.04 05.00- 05.00-	111886 114861 115800	28 65 28 100 28 100	05.00- 05.00- 05.00-	110212 112224 111910 110527	24 6.6 24 6.7 24 6.7 24 4.0	
164 L/580 15.6	[DC16.01]	04.00- 05.04 05.00- 05.00-	111886 114861 115800	28 65 28 100 28 100	05.00- 05.00- 05.00-	112224 110527 111910 110212	24 6.7 24 4.0 24 6.7 24 6.6	
82 H/210 7.8	[DS8.05]	01.81- 08.89 01.81- 12.86	111834 112182	28 55 BO 28 80	01.81- 03.88	110527	24 4.0	
82 M/190 7.8	[DS8.06]	10.82- 03.88 10.82- 03.88	111834 112182	28 55 BO 28 80	10.82- 03.88	110527	24 4.0	
82 M/210 7.8	[DS8.05]	01.81- 08.89 01.81- 12.86	111834 112182	28 55 BO 28 80	01.81- 03.88	110527	24 4.0	
92 H/245 8.5	[DS9.01]	01.87- 03.88 01.87- 12.88	111834 112182	28 55 BO 28 80	01.87- 03.88	110527	24 4.0	
92 H/275 8.5	[DSC9.01]	01.87- 03.88 01.87- 12.88	111834 112182	28 55 BO 28 80	01.87- 03.88	110527	24 4.0	
92 M/245 8.5	[DS9.01]	01.85- 03.88 01.85- 12.88	111834 112182	28 55 BO 28 80	01.85- 03.88	110527	24 4.0	



92 M/275 8.5	[DS9.01]	01.85- 03.88	111834	28 55	BO				
		01.85- 12.86	112182	28 80		01.85- 03.88	110527	24 4.0	
	[DSC9.01]	01.85- 03.88	111834	28 55	BO, PR				
		01.85- 12.88	112182	28 80		01.85- 03.88	110527	24 4.0	
93 H/220 8.5	[DSC9.10]	12.91-	112076	28 80					
		12.91-	112757	28 55	BO	12.91-	110527	24 4.0	
		01.94-	111886	28 65					
93 H/250 8.5	[DS9.05]	03.88- 08.89	111834	28 55	BO				
		03.88- 12.89	112182	28 80					
		08.89-	112076	28 80					
		08.89-	112757	28 55	BO	03.88-	110527	24 4.0	
	[DSC9.07]	12.91-	112076	28 80					
93 H/280 8.5	[DSC9.02]	12.91-	112076	28 80					
		12.91-	112757	28 55	BO	12.91-	110527	24 4.0	
		01.94-	111886	28 65					
	[DSC9.08]	12.91-	112076	28 80					
		12.91-	112757	28 55	BO	12.91-	110527	24 4.0	
		01.94-	111886	28 65					
	[DS9.08]	03.88- 08.89	111834	28 55	BO				
		03.88- 12.91	112182	28 80					
93 M/210 8.5	[DSC9.10]	12.91-	112076	28 80					
		12.91-	112757	28 55	BO	12.91-	110527	24 4.0	
		01.94-	111886	28 65					
		08.89-	112757	28 55	BO	03.88-	110527	24 4.0	
93 M/220 8.5	[DS9.06]	03.88- 08.89	111834	28 55	BO				
		03.88- 12.89	112182	28 80					
		08.89-	112076	28 80					
		08.89-	112757	28 55	BO	03.88-	110527	24 4.0	
93 M/250 8.5	[DS9.05]	03.88- 08.89	111834	28 55	BO				
		03.88- 12.89	112182	28 80					
		08.89-	112076	28 80					
		08.89-	112757	28 55	BO	03.88-	110527	24 4.0	
	[DSC9.07]	01.90-	112076	28 80					
93 M/280 8.5		01.90-	112757	28 55	BO	01.90-	110527	24 4.0	
		01.94-	111886	28 65					
	[DSC9.02]	03.88- 08.89	111834	28 55	BO				
		03.88- 12.89	112182	28 80					
		08.89-	112076	28 80					
93 M/280 8.5		08.89-	112757	28 55	BO	03.88-	110527	24 4.0	
	[DSC9.08]	01.90-	112076	28 80					
		01.90-	112757	28 55	BO	01.90-	110527	24 4.0	
		01.94-	111886	28 65					
	[DC9.02]	08.96- 09.04	111886	28 65		08.96- 09.04	110527	24 4.0	
94 /D260 9.0		08.96- 09.04	115800	28 100		08.96- 09.04	112224	24 6.7	
						08.96- 09.04	110212	24 6.6	
	[DSC9.12]	08.96- 09.04	111886	28 65		08.96- 09.04	110527	24 4.0	
		08.96- 09.04	115800	28 100		08.96- 09.04	112224	24 6.7	
						08.96- 09.04	110212	24 6.6	
94 /G260 9.0	[DSC9.12]		111886	28 65					
94 C/260 9.0	[DC9.02]	12.96-	111720	28 90		12.96-	110212	24 6.6	
		12.96-	111886	28 65		12.96-	110527	24 4.0	
		12.96-	115800	28 100		12.96-	112224	24 6.7	
	[DSC9.12]	12.96-	111720	28 90		12.96-	112224	24 6.7	
		12.96-	111886	28 65		12.96-	110212	24 6.6	
		12.96-	115800	28 100		12.96-	110527	24 4.0	
	[DC9.03]	08.96- 09.04	111886	28 65		08.96- 09.04	110527	24 4.0	
		08.96- 09.04	115800	28 100		08.96- 09.04	112224	24 6.7	
94 C/300 9.0						08.96- 09.04	110212	24 6.6	
	[DSC9.13]	08.96-	111720	28 90		08.96-	110527	24 4.0	
		08.96-	111886	28 65		08.96-	112224	24 6.7	
		08.96-	115800	28 100		08.96-	110212	24 6.6	
	[DSC9.15]	08.96-	111720	28 90		08.96-	112224	24 6.7	
94 C/310 9.0		08.96-	111886	28 65		08.96-	110212	24 6.6	
		08.96-	115800	28 100		08.96-	110527	24 4.0	
	[DSC9.11]	08.96-	111720	28 90		08.96-	110212	24 6.6	
		08.96-	115800	28 100		08.96-	112224	24 6.7	
		08.02	111886	28 65		08.96-	110527	24 4.0	
94 D/220 9.0	[DC9.01]	04.99- 09.04	111886	28 65		08.99-	112224	24 6.7	
		08.99-	115800	28 100		04.99- 09.04	110527	24 4.0	
						08.99-	110212	24 6.6	
	[DC9.04]	08.99-	111886	28 65		08.99-	112224	24 6.7	
		08.99-	115800	28 100		08.99-	110527	24 4.0	
94 D/230 9.0						08.99-	110212	24 6.6	
	[DC9.02]	08.96-	111720	28 90		08.96- 09.04	110212	24 6.6	
		08.96- 09.04	111886	28 65		08.96- 09.04	110527	24 4.0	
		08.96- 09.04	115800	28 100		08.96- 09.04	112224	24 6.7	
	[DC9.05]	08.96-	111720	28 90		08.96- 10.01	110212	24 6.6	
94 D/260 9.0		08.96- 10.01	111886	28 65		08.96- 10.01	110527	24 4.0	
		08.96- 10.01	115800	28 100		08.96- 10.01	112224	24 6.7	
	[DSC9.12]	08.96-	111720	28 90		08.96- 09.04	110212	24 6.6	
		08.96- 09.04	115800	28 100		08.96- 09.04	112224	24 6.7	
		09.04	111886	28 65		08.96- 09.04	110527	24 4.0	
94 D/300 9.0	[DC9.03]	05.96- 09.04	111886	28 65		05.96- 09.04	112224	24 6.7	
		05.96- 09.04	115800	28 100		05.96- 09.04	110212	24 6.6	
						05.96- 09.04	110527	24 4.0	
	[DC9.06]	08.96- 09.04	111886	28 65		08.96- 09.04	110527	24 4.0	
		08.96- 09.04	115800	28 100		08.96- 09.04	112224	24 6.7	
94 D/310 9.0						08.96- 09.04	110212	24 6.6	
	[DSC9.13]	12.96-	111720	28 90		12.96-	110212	24 6.6	
		12.96-	115800	28 100		12.96-	112224	24 6.7	
		08.02	111886	28 65		12.96-	110527	24 4.0	



G 480 12.7	[DC13.07]	01.12-	111834	28 55					
		01.12-	112343	28 140					
		01.12-	114028	28 80					
		01.12-	114382	28 100					
		01.12-	114753	28 100					
		01.12-	115493	28 80 A49					
		01.12-	115498	28 100 A49					
		01.12-	115586	28 150		01.12-	113891	24 5.5	
		01.12-	115800	28 100		01.12-	115509	24 5.5 A49	
		[DC13.110]	01.12-	111834	28 55				
		01.12-	112343	28 140					
		01.12-	114028	28 80					
		01.12-	114382	28 100					
		01.12-	114753	28 100					
		01.12-	115493	28 80 A49					
01.12-	115498	28 100 A49							
01.12-	115586	28 150		01.12-	113891	24 5.5			
01.12-	115800	28 100		01.12-	115509	24 5.5 A49			
[DC13.111]	01.12-	111834	28 55						
01.12-	112343	28 140							
01.12-	114028	28 80							
01.12-	114382	28 100		01.12-	113891	24 5.5			
01.12-	114753	28 100		01.12-	115509	24 5.5 A49			
01.12-	115493	28 80 A49							
01.12-	115498	28 100 A49							
01.12-	115586	28 150							
01.12-	115800	28 100							
G 480 15.6	[DC16.02]	01.08-	112343	28 140					
		01.08-	114028	28 80					
		01.08-	114753	28 100					
		01.08-	115493	28 80 A49					
		01.08-	115498	28 100 A49					
		01.08-	115586	28 150		01.08-	113891	24 5.5	
		01.08-	115800	28 100		01.08-	115509	24 5.5 A49	
HD 121 12.7	[DC13.115]	11.14-	111834	28 55					
		11.14-	112343	28 140					
		11.14-	114028	28 80					
		11.14-	114382	28 100					
		11.14-	114753	28 100					
		11.14-	115493	28 80		11.14-	113891	24 5.5	
		11.14-	115498	28 100					
		11.14-	115586	28 160					
		11.14-	115586	28 150					
K 113 11.0	[DS11.34]	11.90- 08.98	112757	28 55	11.90- 08.98	112119	24 6.6		
					11.90- 08.98	110527	24 4.0		
	[DS11.73]	11.90-	112757	28 55	07.90- 08.98	112119	24 6.6		
					07.90- 08.98	110527	24 4.0		
	[DSC11.08]	11.90- 08.98	112757	28 55	11.90- 08.98	112119	24 6.6		
					11.90- 08.98	110527	24 4.0		
K 113 CLB 11.0	[DSC11.22]	07.90- 08.98	112757	28 55	07.90- 12.96	112119	24 6.6		
					07.90- 12.96	110527	24 4.0		
	[DSC11.81]	01.91- 12.97	112757	28 55	05.82- 08.98	112119	24 6.6		
					05.82- 08.98	110527	24 4.0		
K 400 IB 12.7	[DC13.113]	01.06-	115585	28 160					
		01.06-	115586	28 150					
K 410 EB 12.7	[DC13.107]	03.12-	115585	28 160					
K 410 IB 12.7	[DC13.107]	01.06-	115585	28 160					
		01.06-	115586	28 150					
K 440 IB 12.7	[DC13.112]	01.06-	115585	28 160					
		01.06-	115586	28 150					
K 480 EB 12.7	[DC13.07]	10.09-	115585	28 160					
K 93 CL 8.5	[DSC9.08]	01.91- 12.01	111834	28 55					
		01.91- 12.01	112076	28 80					
		01.91- 12.96	112182	28 80	01.91- 12.01	110527	24 4.0		
		01.91- 12.01	112757	28 55	01.91- 12.01	112119	24 6.6		
K112 11.0	[DN11..]	05.82- 06.90	112182	28 80	05.83-	112119	24 6.6		
		01.89- 09.90	111834	28 55					
	[DS11.15]	04.82- 06.90	112182	28 80	04.82-	112119	24 6.6		
	[DSC11..]	06.82- 06.90	112182	28 80	06.82-	110214	24 6.6		
K114 10.6	[DC..]	08.97-	112424	28 140					
		08.97-	114028	28 80					
		08.97-	115493	28 80 A49	08.97-	110527	24 4.0		
		08.97-	115498	28 100 A49	08.97-	111910	24 6.7		
K124 12.0	[DC12..]	08.97-	112424	28 140	08.97-	111910	24 6.7		
	[DSC..]	09.97-	112424	28 140	09.97-	111910	24 6.7		
K82 7.8	[DSL..]	03.84- 12.95	112182	28 80		110527	24 4.0		
L 113 CLB 11.0	[DS11.34]	01.90- 08.98	112757	28 55	01.90- 12.96	112119	24 6.6		
					01.90- 12.96	110527	24 4.0		
	[DSC11.08]	01.90- 08.98	112757	28 55	01.90- 12.96	112119	24 6.6		
					01.90- 12.96	110527	24 4.0		
	[DSC11.24]	11.93- 08.98	112757	28 55	11.93- 12.96	112119	24 6.6		
					11.93- 12.96	110527	24 4.0		
L94 9.0	[DC..]	04.99-	112424	28 140					
P 230 9.3	[DC9.30]	09.07-	111834	28 55					
		09.07-	112343	28 140					
		09.07-	114028	28 80					
		09.07-	114753	28 100					
		09.07-	115493	28 80 A49	09.07-	113891	24 5.5		
		09.07-	115498	28 100 A49	09.07-	115509	24 5.5 A49		
	[DC9.39]	09.07-	111834	28 55					
		09.07-	112343	28 140					
		09.07-	114028	28 80					
		09.07-	114753	28 100					
		09.07-	115493	28 80 A49	09.07-	113891	24 5.5		
		09.07-	115498	28 100 A49	09.07-	115509	24 5.5 A49		



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P 270 8.9		01.12-	116119*	28 100		01.12-	115509	24 5.5
		01.12-	115586	28 150		01.12-	113891	24 5.5
		01.12-	115498	28 100				
		01.12-	115493	28 80				
		01.12-	114753	28 100				
		01.12-	114382	28 100				
		01.12-	114028	28 80				
P 270 9.3	[DC09.E02]	01.12-	114028	28 80				
		01.12-	114753	28 100				
		01.12-	115493	28 80 A49				
		01.12-	115498	28 100 A49		01.12-	113891	24 5.5
		01.12-	115586	28 150		01.12-	115509	24 5.5 A49
P 310 8.9	[DC9.18]	09.04- 12.11	111834	28 55				
		09.04- 12.11	112343	28 140				
		09.04- 12.11	114028	28 80				
		09.04- 12.11	114382	28 100				
		09.04- 12.11	114753	28 100				
		09.04- 12.11	115586	28 150				
		09.04- 12.11	115800	28 100		09.04- 12.11	113891	24 5.5
		09.04- 12.11	116119*	28 100		09.04- 12.11	115509	24 5.5
		07.07- 06.12	115800	28 100		07.07- 06.12	115509	24 5.5 A49
		07.07- 06.12	115586	28 150		07.07- 06.12	113891	24 5.5
		07.07- 06.12	115498	28 100 A49				
		07.07- 06.12	115493	28 80 A49				
		07.07- 06.12	114753	28 100				
		07.07- 06.12	114028	28 80				
		07.07- 06.12	112343	28 140				
	07.07- 06.12	111834	28 55					
P 310 9.0	[DC9.11]	01.10-	111834	28 55				
		01.10-	112343	28 140				
		01.10-	114028	28 80				
		01.10-	114753	28 100				
		01.10-	115493	28 80 A49		01.10-	115509	24 5.5 A49
		01.10-	115498	28 100 A49		01.10-	113891	24 5.5
		01.10-	115586	28 150				
P 310 9.3	[OC9.G05]	01.11-	111886	28 65				
		01.11-	114753	28 100		01.11-	113891	24 5.5
		01.11-	115498	28 100		01.11-	115509	24 5.5 A49
P 340 11.0	[DC11.08]	04.04-	111834	28 55				
		04.04-	112343	28 140				
		04.04-	114028	28 80				
		04.04-	114753	28 100		04.04-	113891	24 5.5
		04.04-	115493	28 80 A49		04.04-	115509	24 5.5 A49
		04.04-	115498	28 100 A49				
		04.04-	115586	28 150				
P 340 9.3	[OC09.102]	01.11-	111886	28 65				
		01.11-	114753	28 100		01.11-	113891	24 5.5
		01.11-	115498	28 100		01.11-	115509	24 5.5 A49
P 360 12.7		01.12-	115886	A49		01.12-	115509	24 5.5 A49
		01.12-	115800	28 100		01.12-	113891	24 5.5
		01.12-	115498	28 100 A49				
		01.12-	114753	28 100				
		01.12-	112343	28 140				
		01.12-	111834	28 55				
		01.12-	115586	28 150				
P 380 11.0	[DC11.09]	04.04-	111834	28 55				
		04.04-	112343	28 140				
		04.04-	114028	28 80				
		04.04-	114753	28 100				
		04.04-	115493	28 80 A49		04.04-	115509	24 5.5 A49
		04.04-	115498	28 100 A49		04.04-	113891	24 5.5
		04.04-	115586	28 150				
P 400 12.7	[DC13.05]	09.07-	112343	28 140				
		09.07-	114028	28 80				
		09.07-	114382	28 100				
		09.07-	114753	28 100				
		09.07-	115493	28 80 A49				
		09.07-	115498	28 100 A49				
		09.07-	115586	28 150		09.07-	113891	24 5.5
		09.07-	115800	28 100		09.07-	115509	24 5.5 A49
	[DC13.113]	09.07-	112343	28 140				
		09.07-	114028	28 80				
		09.07-	114382	28 100				
		09.07-	114753	28 100				
		09.07-	115493	28 80 A49				
		09.07-	115498	28 100 A49				
		09.07-	115586	28 150		09.07-	113891	24 5.5
	09.07-	115800	28 100		09.07-	115509	24 5.5 A49	
P 420 11.7	[DC12.06]	01.05- 12.11	111834	28 55				
		01.05- 12.11	112343	28 140				
		01.05- 12.11	114028	28 80				
		01.05- 12.11	114753	28 100				
		01.05- 12.11	115493	28 80 A49				
		01.05- 12.11	115498	28 100 A49				
		01.05- 12.11	115586	28 150		01.05- 12.11	113891	24 5.5
		01.05- 12.11	115800	28 100		01.05- 12.11	115509	24 5.5 A49
	[DC12.14]	01.05- 12.11	111834	28 55				
		01.05- 12.11	112343	28 140				
		01.05- 12.11	114028	28 80				
		01.05- 12.11	114753	28 100				
		01.05- 12.11	115493	28 80 A49				
		01.05- 12.11	115498	28 100 A49				
		01.05- 12.11	115586	28 150		01.05- 12.11	113891	24 5.5
	01.05- 12.11	115800	28 100		01.05- 12.11	115509	24 5.5 A49	



[DC12.15]	01.05-12.11	111834	28	55		01.05-12.11	113891	24	5.5	
	01.05-12.11	112343	28	140		01.05-12.11	115509	24	5.5 A49	
	01.05-12.11	114028	28	80						
	01.05-12.11	114753	28	100						
	01.05-12.11	115493	28	80	A49					
	01.05-12.11	115498	28	100	A49					
	01.05-12.11	115586	28	150						
	01.05-12.11	115800	28	100						
[DC12.22]	01.05-12.11	111834	28	55						
	01.05-12.11	112343	28	140						
	01.05-12.11	114028	28	80						
	01.05-12.11	114753	28	100						
	01.05-12.11	115493	28	80	A49					
	01.05-12.11	115498	28	100	A49					
	01.05-12.11	115586	28	150		01.05-12.11	113891	24	5.5	
	01.05-12.11	115800	28	100		01.05-12.11	115509	24	5.5 A49	
[DT12.11]	01.05-12.11	111834	28	55						
	01.05-12.11	112343	28	140						
	01.05-12.11	114028	28	80						
	01.05-12.11	114753	28	100						
	01.05-12.11	115493	28	80	A49					
	01.05-12.11	115498	28	100	A49					
	01.05-12.11	115586	28	150		01.05-12.11	113891	24	5.5	
	01.05-12.11	115800	28	100		01.05-12.11	115509	24	5.5 A49	
[DT12.12]	01.05-12.11	111834	28	55						
	01.05-12.11	112343	28	140						
	01.05-12.11	114028	28	80						
	01.05-12.11	114753	28	100						
	01.05-12.11	115493	28	80	A49					
	01.05-12.11	115498	28	100	A49					
	01.05-12.11	115586	28	150		01.05-12.11	113891	24	5.5	
	01.05-12.11	115800	28	100		01.05-12.11	115509	24	5.5 A49	
P 420 G 420 11.7	01.08-	111834	28	55						
	01.08-	112343	28	140						
	01.08-	114028	28	80						
	01.08-	114753	28	100						
	01.08-	115493	28	80	A49					
	01.08-	115498	28	100	A49	01.08-	113891	24	5.5	
	01.08-	115586	28	150		01.08-	115509	24	5.5 A49	
	01.08-	115800	28	100						
P 420 R 420 11.7	09.05-	111834	28	55						
	09.05-	112343	28	140						
	09.05-	114028	28	80						
	09.05-	114753	28	100						
	09.05-	115493	28	80	A49	09.05-	113891	24	5.5	
	09.05-	115498	28	100	A49	09.05-	115509	24	5.5 A49	
	09.05-	111834	28	55						
	09.05-	112343	28	140						
	09.05-	114028	28	80						
	09.05-	114753	28	100						
[DT12.14]	09.05-	115493	28	80	A49	09.05-	113891	24	5.5	
	09.05-	115498	28	100	A49	09.05-	115509	24	5.5 A49	
	09.05-	111834	28	55						
	09.05-	112343	28	140						
	09.05-	114028	28	80						
	09.05-	114753	28	100						
R 142 E 14.2	[DS14.06]					05.80-03.88	110212	24	6.6	
	[DS14.06]					05.80-03.88	110212	24	6.6	
R 142 H 14.2	[DSC14.01]					05.80-03.88	110212	24	6.6	
	[DSC14.02]					05.80-03.88	110212	24	6.6	
R 142 M 14.2	[DS14.06]					05.80-03.88	110212	24	6.6	
R 440 12.7	[DC13.10]	01.12-	111834	28	55					
		01.12-	112343	28	140					
		01.12-	114028	28	80					
		01.12-	114382	28	100					
		01.12-	114753	28	100					
		01.12-	115493	28	80	A49				
		01.12-	115498	28	100	A49				
		01.12-	115586	28	150		01.12-	113891	24	5.5
	01.12-	115800	28	100		01.12-	115509	24	5.5 A49	
	[DC13.109]	01.12-	111834	28	55					
		01.12-	112343	28	140					
		01.12-	114028	28	80					
		01.12-	114382	28	100					
		01.12-	114753	28	100					
		01.12-	115493	28	80	A49				
		01.12-	115498	28	100	A49				
		01.12-	115586	28	150		01.12-	113891	24	5.5
	01.12-	115800	28	100		01.12-	115509	24	5.5 A49	
[DC13.112]	01.12-	111834	28	55						
	01.12-	112343	28	140						
	01.12-	114028	28	80						
	01.12-	114382	28	100						
	01.12-	114753	28	100						
	01.12-	115493	28	80	A49					
	01.12-	115498	28	100	A49					
	01.12-	115586	28	150		01.12-	113891	24	5.5	
	01.12-	115800	28	100		01.12-	115509	24	5.5 A49	
	01.12-	115800	28	100						
R 450 12.7	[DC13.147]	09.13-	111834	28	55					
		09.13-	112343	28	140					
		09.13-	114382	28	100					
		09.13-	114753	28	100		09.13-	113891	24	5.5
		09.13-	115498	28	100					
		09.13-	115586	28	150		09.13-	115509	24	5.5 A49
R 470 11.7	[DT12.03]	03.04-	114028	28	80					
		03.04-	114753	28	100					
		03.04-	115493	28	80	A49				
		03.04-	115498	28	100	A49	03.04-	113891	24	5.5
		03.04-	115586	28	150		03.04-	115509	24	5.5 A49

STARTERS & ALTERNATORS



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	[DT12.06]	03.04- 03.04- 03.04- 03.04- 03.04-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		03.04- 03.04-	113891 115509	24 5.5 24 5.5 A49
R 480 11.7	[DT12.17]	04.04- 04.04- 04.04- 04.04- 04.04-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		04.04- 04.04-	113891 115509	24 5.5 24 5.5 A49
R 480 12.7	[DC13.07]	01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12-	111834 112343 114028 114382 114753 115493 115498 115586 115800	28 55 28 140 28 80 28 100 28 100 28 80 A49 28 100 A49 28 150 28 100		01.12- 01.12-	113891 115509	24 5.5 24 5.5 A49
	[DC13.110]	01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12-	111834 112343 114028 114382 114753 115493 115498 115586 115800	28 55 28 140 28 80 28 100 28 100 28 80 A49 28 100 A49 28 150 28 100		01.12- 01.12-	113891 115509	24 5.5 24 5.5 A49
	[DC13.111]	01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12- 01.12-	111834 112343 114028 114382 114753 115493 115498 115586 115800	28 55 28 140 28 80 28 100 28 100 28 80 A49 28 100 A49 28 150 28 100		01.12- 01.12-	113891 115509	24 5.5 24 5.5 A49
R 500 15.6	[DC16.04]	01.08- 01.08- 01.08- 01.08- 01.08-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		01.08- 01.12-	113859 115509	24 6.0 24 5.5 A49
R 520 16.4	[DC16.101]	07.13- 07.13- 07.13- 07.13- 07.13-	114028 114382 114753 115493 115498	28 80 28 100 28 100 28 80 A49 28 100 A49		07.13-	113859	24 6.0
R 560 15.6	[DC16.05]	09.04- 09.04- 09.04- 09.04- 09.04-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		09.04-	113859	24 6.0
R 580 16.4	[DC16.102]	09.13- 09.13- 09.13- 09.13- 09.13-	114028 114382 114753 115493 115498	28 80 28 100 28 100 28 80 A49 28 100 A49		09.13-	113859	24 6.0
R 620 15.6	[DC16.08]	09.05- 09.05- 09.05- 09.05- 09.05-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		09.05-	113859	24 6.0
	[DC16.17]	11.06- 11.06- 11.06- 11.06- 11.06-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		11.06-	113859	24 6.0
R 730 16.4	[DC16.21]	04.10- 04.10- 04.10- 04.10- 04.10-	114028 114753 115493 115498 115586	28 80 28 100 28 80 A49 28 100 A49 28 150		04.10-	113859	24 6.0
S112 11.0	[DN11..] [DS]	10.81- 10.91 10.81- 10.91	112182 112182	28 80 28 80				
T 113 E/320 11.0	[DSC11.16]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
	[DSC11.17]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.21]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
T 113 E/360 11.0	[DSC11.13]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
	[DSC11.18]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.23]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
T 113 H/320 11.0	[DSC11.16]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	112119	24 6.6
	[DSC11.17]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6
	[DSC11.21]	01.90- 01.90-	112076 112757	28 80 28 55 BO		01.90-	112119	24 6.6



T 113 H/360 11.0	[DSC11.13]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO		01.90-	112119	24 6.6
		01.94-	111886	28 65				
	[DSC11.18]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO		01.90-	112119	24 6.6
T 114 C/340 10.6	[DC11.01]	01.90-	112076	28 80				
		01.90-	112757	28 55 BO		01.90-	112119	24 6.6
		03.96- 02.02	111886	28 65		03.96- 02.02	112224	24 6.7
		03.96- 02.02				03.96- 02.02	110212	24 6.6
T 114 C/340 11.0	[DSC11.79]	02.96-	111886	28 65		02.96-	112224	24 6.7
		02.96-				02.96-	110212	24 6.6
		02.96-				02.96-	110527	24 4.0
		02.96-				02.96-	111910	24 6.7
		05.96-	111886	28 65		05.96-	110527	24 4.0
T 114 C/380 10.6	[DC11.02]	03.96- 02.02	111886	28 65		03.96- 02.02	112224	24 6.7
						03.96- 02.02	110212	24 6.6
						03.96- 02.02	110527	24 4.0
						03.96- 02.02	111910	24 6.7
T 114 G/320 11.0		03.98-	115800	28 100				
		03.98-	111886	28 65				
T 114 G/340 10.6	[DC11.01]	02.02	111886	28 65		03.96- 02.02	112224	24 6.7
						03.96- 02.02	110212	24 6.6
						03.96- 02.02	110527	24 4.0
						03.96- 02.02	111910	24 6.7
	[DC11.03]	02.96-	111886	28 65		02.96-	112224	24 6.7
T 114 G/340 11.0	[DSC11.79]	02.96-				02.96-	110212	24 6.6
		02.96-				02.96-	110527	24 4.0
		02.96-				02.96-	111910	24 6.7
		05.96-	111720	28 90				
T 114 G/380 10.6	[DC11.02]	05.96-	111886	28 65				
		05.96-	115800	28 100				
		02.02	111886	28 65		03.96- 02.02	112224	24 6.7
T 114 L/340 10.6	[DC11.01]	02.02	111886	28 65		03.96- 02.02	110212	24 6.6
						03.96- 02.02	110527	24 4.0
						03.96- 02.02	111910	24 6.7
	[DC11.03]	02.96-	111886	28 65		02.96-	112224	24 6.7
T 114 L/340 11.0	[DSC11.79]	02.96-				02.96-	110212	24 6.6
		02.96-				02.96-	110527	24 4.0
		02.96-				02.96-	111910	24 6.7
		05.96-	111720	28 90				
		05.96-	111886	28 65				
T 114 L/380 10.6	[DC11.02]	05.96-	115800	28 100				
		03.98- 02.02	111886	28 65		03.96- 02.02	111910	24 6.7
						03.96- 02.02	110212	24 6.6
T 124 C/360 11.7	[DSC12.02]	03.96- 02.02	111886	28 65		03.96- 02.02	110527	24 4.0
						03.96- 02.02	112224	24 6.7
		09.95- 02.02	111886	28 65		09.95- 02.02	110212	24 6.6
						09.95- 02.02	110527	24 4.0
T 124 C/400 11.7	[DSC12.01]	09.95- 02.02	111886	28 65		09.95- 02.02	111910	24 6.7
		03.95- 01.00	111886	28 65		03.95- 01.00	110212	24 6.6
						03.95- 01.00	110527	24 4.0
T 124 C/420 11.7	[DC12.01]	09.95- 08.02	111886	28 65		09.95- 08.02	111910	24 6.7
						09.95- 08.02	110212	24 6.6
						08.02	110527	24 4.0
	[DSC12.05]	09.95- 08.02	111886	28 65		09.95- 02.02	111910	24 6.7
						09.95- 02.02	110212	24 6.6
T 124 G/360 11.7	[DSC12.02]	02.02	111886	28 65		02.02	110527	24 4.0
		03.97-	111720	28 90				
		03.97-	111886	28 65				
		03.97-	115800	28 100		03.97-	111910	24 6.7
T 124 G/400 11.7	[DSC12.01]	03.97-	111720	28 90				
		03.97-	111886	28 65				
		03.97-	115800	28 100		03.97-	111910	24 6.7
T 124 G/420 11.7	[DC12.01]	08.02	111886	28 65		09.95- 08.02	111910	24 6.7
						09.95- 08.02	110212	24 6.6
						08.02	110527	24 4.0
	[DSC12.05]	09.95- 02.02	111886	28 65		09.95- 02.02	111910	24 6.7
						09.95- 02.02	110212	24 6.6
T 124 L/360 11.7	[DSC12.02]	09.95- 02.02	111886	28 65		09.95- 02.02	110527	24 4.0
		05.95- 02.02	111886	28 65		05.95- 02.02	111910	24 6.7
		02.97-	111720	28 90		05.95- 02.02	110212	24 6.6
		02.97-	115800	28 100		05.95- 02.02	110527	24 4.0
T 124 L/400 11.7	[DSC12.01]	03.95- 01.02	111886	28 65		03.95- 01.02	111910	24 6.7
		02.97-	111720	28 90		03.95- 01.02	110212	24 6.6
		02.97-	115800	28 100		03.95- 01.02	110527	24 4.0
T 124 L/420 11.7	[DC12.01]	05.96- 08.02	111720	28 90		09.95- 08.02	110527	24 4.0
		05.96- 08.02	111886	28 65		09.95- 08.02	111910	24 6.7
		05.96- 08.02	115800	28 100		09.95- 08.02	110212	24 6.6
	[DC12.03]	05.96- 08.02	111720	28 90				
		05.96- 08.02	111886	28 65				
T 124 L/420 11.7	[DSC12.05]	05.96- 08.02	115800	28 100		05.96- 08.02	111910	24 6.7
		05.96- 02.02	111720	28 90		09.95- 08.02	110212	24 6.6
		05.96- 08.02	111886	28 65		09.95- 08.02	110527	24 4.0
		05.96- 02.02	115800	28 100		09.95- 08.02	111910	24 6.7
T 124 L/470 11.7	[DT12.02]		111886	28 65				
						09.00-	110527	24 4.0
T 142 E 14.2	[DS14.06]	09.00-				09.00-	110212	24 6.6
		05.80- 03.88	111834	28 55				
		05.80- 03.88	112182	28 80		05.80- 03.88	111910	24 6.7
						110212	24 6.6	

STARTERS & ALTERNATORS



Application list

SCANIA Continued

T 143 E/450 14.2	[DSC14.03]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	110212	24 6.6
	[DSC14.10]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	110212	24 6.6
T 143 E/500 14.2	[DSC14.09]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.91-	110212	24 6.6
	[DSC14.16]	12.94- 12.94- 12.94-	111886 112076 112757	28 65 28 80 28 55 BO		12.94-	110212	24 6.6
	[DSC14.08]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.91-	110212	24 6.6
T 143 H/450 14.2	[DSC14.03]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	110212	24 6.6
	[DSC14.10]	01.90- 01.90- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.90-	110212	24 6.6
T 143 H/500 14.2	[DSC14.09]	01.91- 01.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		01.91-	110212	24 6.6
	[DSC14.16]	12.94- 12.94- 12.94-	111886 112076 112757	28 65 28 80 28 55 BO		12.94-	110212	24 6.6
	[DSC14.15]	02.97- 08.01	111886	28 65		02.97- 08.01 02.97- 08.01 02.97- 08.01	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 144 C/530 14.2	[DSC14.13]	02.97- 08.01	111886	28 65		02.97- 08.01 02.97- 08.01 02.97- 08.01	110212 110527 112224	24 6.6 24 4.0 24 6.7
T 144 G/460 14.2	[DSC14.15]	03.97- 03.97- 03.97-	111720 111886 115800	28 90 28 65 28 100		03.97-	112224	24 6.7
T 144 G/530 14.2	[DSC14.13]	03.97- 03.97- 03.97-	111720 111886 115800	28 90 28 65 28 100		03.97-	112224	24 6.7
T 144 L/460 14.2	[DSC14.15]	02.97- 08.01 03.97- 03.97-	111886 111720 115800	28 65 28 90 28 100		02.97- 08.01 02.97- 08.01 02.97- 08.01	112224 110212 110527	24 6.7 24 6.6 24 4.0
	[DSC14.13]	02.97- 08.01 03.97- 03.97-	111886 111720 115800	28 65 28 90 28 100		02.97- 08.01 02.97- 08.01 02.97- 08.01	112224 110212 110527	24 6.7 24 6.6 24 4.0
	[DSC9.05]	01.90- 01.90- 12.91- 12.91- 01.94-	112076 112757 112076 112757 111886	28 80 28 55 BO 28 80 28 55 BO 28 65		01.90- 12.91- 12.91- 12.91-	110527 110527 110527	24 4.0 24 4.0 24 4.0
T 93 H/280 8.5	[DSC9.02]	12.91- 12.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		12.91-	110527	24 4.0
	[DSC9.08]	12.91- 12.91- 01.94-	112076 112757 111886	28 80 28 55 BO 28 65		12.91-	110527	24 4.0
	[DSC9.12]	08.96- 10.01	111886	28 65		08.96- 10.01 08.96- 10.01 08.96- 10.01	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 94 C/310 9.0	[DSC9.13]	08.96- 08.02	111886	28 65		08.96- 08.02 08.96- 08.02 08.96- 08.02	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 94 G/220 9.0	[DSC9.11]	08.96- 08.02	111886	28 65		08.96- 08.02 08.96- 08.02 08.96- 08.02	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 94 G/230 9.0	[DC9.01]	04.99-	111886	28 65		04.99- 04.99- 04.99-	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 94 G/260 9.0	[DSC9.12]	08.96- 10.01	111886	28 65		08.96- 10.01 08.96- 10.01 08.96- 10.01	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 94 G/310 9.0	[DSC9.13]	08.96- 08.02	111886	28 65		08.96- 08.02 08.96- 08.02 08.96- 08.02	112224 110212 110527	24 6.7 24 6.6 24 4.0
	[DSC9.15]	08.96- 10.00	111886	28 65		08.96- 10.00 08.96- 10.00 08.96- 10.00	112224 110212 110527	24 6.7 24 6.6 24 4.0
	[DSC9.13]	09.96- 08.02	111886	28 65		09.96- 08.02 09.96- 08.02 09.96- 08.02	112224 110212 110527	24 6.7 24 6.6 24 4.0
T 94 L/310 9.0	[DSC9.15]	09.96- 08.02	111886	28 65		09.96- 08.02 09.96- 08.02	112224 110212	24 6.7 24 6.6
	[DSC9.15]	09.96- 08.02	111886	28 65		09.96- 08.02	110527	24 4.0
MARINE								
D 9			115800	28 100				
DI 9			115800	28 100				
DS 9			115800	28 100				
DSI 9			115800	28 100				
WD615							114327	24 5.5
Sea Doo								
MARINE								
Various Models						01.95- 01.92- 01.98- 01.95- 01.99	111915 111765 112010 111918	12 0.6 12 0.9 12 12 0.6



Seat								
PASSENGER CARS EU								
127 0.9		08.80- 09.81	111078	14 45				
		05.72- 09.77	110611	14 55				
Alhambra 1.4 TSI	[CAVA]	06.10-	115528	14 140 A49	06.10-	115964	12 2.0	
		06.10-	116345*	14 140				
	[CNWB]	06.10-	115528	14 140 A49	06.10-	115964	12 2.0	
		06.10-	116345*	14 140				
	[CTHA]	06.10-	115528	14 140 A49	06.10-	115964	12 2.0	
	[CZDA]	06.10-	116345*	14 140				
		05.15-	116193*	12 140	05.15- AT 05.15- 05.15-	115402 115561 115560	12 1.8 12 1.7 12 1.7	
Alhambra 1.8 TFSI	[CDAA]	11.12-	114722	14 140	11.12-	115900	12 1.1	
Alhambra 1.8 Turbo 20V	[AJH]	10.97-	112002	14 120 A47	Chas. -X005000 10.97- 05.98	111749	12 1.1	
		10.97-	114789	14 90 A49	Chas. X005001- 06.98-	112005	12 1.1	
		09.98- 02.00	115483	14 120 A49	06.98- AT, Chas. -X005000 10.97- 05.98	115504	12 1.1 A49	
		Chas. -X 025001	10.97-	112079	14 90 A47	AT, Chas. 06.98- X005001-	111748 111909	12 1.1 12 1.1
	[AWC]	06.00-	112002	14 120	06.00-	114174	12 1.1	
		06.00-	115483	14 120 A49				
Alhambra 1.9 TDi	[IZ]	03.96- 07.96	111477	14 90	03.96- 07.96	111900	12 1.8	
		03.96- 07.96	111988	14 120	03.96- 07.96	115503	12 1.8 A49	
	[AFN]	08.96- 06.00	112002	14 120 A47	05.97- 01.98	111900	12 1.8	
		08.96- 06.00	112079	14 90 A47	05.97- 02.00	112286	12 1.7	
		08.96- 06.00	114789	14 90 A49	05.97- 01.98	115503	12 1.8 A49	
		05.97- 02.99	111828	14 120	05.97-	111694	12 1.8	
		05.97- 02.99	111884	14 90				
		03.99- 02.00	115483	14 120 A49				
	[AHU]	04.96-	111477	14 90	07.96- 02.00	115503	12 1.8 A49	
		04.96-	111988	14 120	07.96-	111900	12 1.8	
	[ANU]	06.00-	112002	14 120 A47	06.00-	112429	12 2.0	
		06.00-	112079	14 90 A47				
		06.00-	114789	14 90 A49				
		06.00-	115483	14 120 A49				
	[ARL]	05.05-	112002	14 120 A47	05.05-	112429	12 2.0	
		05.05-	113992	14 140				
		05.05-	115483	14 120 A49				
	[ASZ]	11.02-	112002	14 120 A47	11.02-	112429	12 2.0	
		11.02-	112079	14 90 A47				
		11.02-	114789	14 90 A49				
		11.02-	115483	14 120 A49				
	[AUY]	06.00-	112002	14 120 A47	06.00-	112429	12 2.0	
		06.00-	112079	14 90 A47	AT 06.00-	115523	12 2.3	
		06.00-	114789	14 90 A49				
		06.00-	115483	14 120 A49				
	[AVG]	08.96- 06.00	111828	14 120	08.96- 06.00	111694	12 1.8	
		08.96- 06.00	111884	14 90	08.96- 06.00	111900	12 1.8	
		08.96- 06.00	112002	14 120 A47	08.96- 06.00	112286	12 1.7	
		08.96- 06.00	112079	14 90 A47	08.96- 06.00	115503	12 1.8 A49	
		08.96- 06.00	114789	14 90 A49				
		08.96- 06.00	115483	14 120 A49				
	[BTB]	05.05-	112002	14 120 A47	05.05-	112429	12 2.0	
		05.05-	113992	14 140				
		05.05-	115483	14 120 A49				
	[BVK]	11.05-	112002	14 120 A47	11.05-	112429	12 2.0	
		11.05-	112079	14 90 A47	AT 11.05-	115523	12 2.3	
		11.05-	113992	14 140				
		11.05-	114789	14 90 A49				
		11.05-	115483	14 120 A49				
Alhambra 1.9 TDi 4 Motion	[AUY]	06.00-	112002	14 120 A47	02.01-	112429	12 2.0	
		06.00-	112079	14 90 A47				
		06.00-	114789	14 90 A49				
		02.01-	115483	14 120 A49				
	[BVK]	06.00-	112002	14 120 A47	06.00-	112429	12 2.0	
		06.00-	112079	14 90 A47				
		06.00-	114789	14 90 A49				
		06.00-	115483	14 120 A49				
Alhambra 2.0 i	[ADY]	04.96- 02.00	111479	14 90	04.96-	111749	12 1.1	
		AC 04.96- 02.00	111477	14 90	AT 04.96-	111748	12 1.1	
	[ATM]	06.00-	115483	14 120 A49	06.00-	115504	12 1.1 A49	
		04.96-	112002	14 120 A47	04.96-	114174	12 1.1	
					AT 06.00-	111909	12 1.1	
Alhambra 2.0 TSI	[CCZA]	11.10-	114722	14 140	11.10-	115900	12 1.1	
	[DEDA]	05.15-	116386*		05.15-	115561	12 1.7	
Alhambra 2.0 TDi	[BRT]	11.05-	112002	14 120 A47	11.05-	112429	12 2.0	
		11.05-	113992	14 140				
		11.05-	115483	14 120 A49				
		[CFFA]	06.10- 05.11	114831	14 180	06.10- 05.11	115402	12 1.8
			06.10- 05.11	115433	14 140			
			06.10- 05.11	115713	14 180 A49			
			06.10- 05.11	116319	14 180			
		[CFFB]	06.10-	115433	14 140	06.10-	115402	12 1.8
			06.10-	115712	14 180			
			06.10-	115713	14 180 A49			
			06.10-	116319	14 180			
		[CFFE]	05.11-	114831	14 180	05.11-	115402	12 1.8
			05.11-	115433	14 140			
		05.11-	115713	14 180 A49				
		05.11-	116319	14 180				
	[CFGB]	06.10-	115433	14 140	06.10-	115402	12 1.8	
		06.10-	115712	14 180				
		06.10-	115713	14 180 A49				
		06.10-	116319	14 180				



Application list

SEAT Continued

	[CFGC]	11.12-	115433	14 140		11.12-	116156	12 2.0
						11.12-	115402	12 1.8
						11.12-	115539	12 2.0 A49
	[CUVC]	05.15-	115826	14 140		05.15-	115402	12 1.8
		05.15-	116195*	14 180		05.15-	115539	12 2.0
		05.15-	116359*	14 140		05.15-	116156	12 2.0
	[CUWA]	05.15-	115826	14 140		05.15-	115402	12 1.8
		05.15-	116195*	14 180		05.15-	115539	12 2.0
		05.15-	116359*	14 140		05.15-	116156	12 2.0
Alhambra 2.0 TDI 4Drive	[CUVC]	05.15-	115826	14 140		05.15-	115402	12 1.8
		05.15-	116195*	14 180				
		05.15-	116359*	14 140				
Alhambra 2.0 TDI 4x4	[CFFB]	05.11-	114831	14 180		05.11-	115402	12 1.8
		05.11-	115433	14 140				
		05.11-	115713	14 180 A49				
		05.11-	116319	14 180				
Alhambra 2.8 V6	[AUE]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113884	14 150				
		06.00-	113885	14 150				
		06.00-	115483	14 120 A49				
	[AYL]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113884	14 150				
		06.00-	113885	14 150				
		06.00-	115483	14 120 A49				
Alhambra 2.8 V6 4 Motion	[AUE]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113884	14 150				
		06.00-	113885	14 150				
		06.00-	115483	14 120 A49				
	[AYL]	06.00-	112002	14 120 A47		06.00-	112429	12 2.0
		06.00-	113885	14 150				
		06.00-	115483	14 120 A49				
		02.01-	113884	14 150				
Altea 1.2 TSI	[CBZB]	04.10-	115765	14 140		04.10-	114175	12 1.1
		04.10-	115767	14 140		04.10-	115645	12 2.0
		04.10-	116207*	14 110				
Altea 1.4	[BXW]	10.06-	113874	14 110		10.06-	114034	12 1.0
	[CGGB]	10.06-	113874	14 110		10.06-	114034	12 1.0
Altea 1.4 16V	[BXW]	05.06-	113874	14 110		05.06-	114034	12 1.0
	[CGGB]	05.06-	113874	14 110		05.06-	114034	12 1.0
Altea 1.4 TSI	[CAXC]	11.07-	113861	14 110		11.07-	114163	12 1.1
		11.07-	114769	14 110	A44	11.07-	115337	12 2.0
		11.07-	114884	14 140	A25	11.07-	115338	12 2.0
		11.07-	115854	14 110		11.07-	115612	12 1.2
Altea 1.6	[BGU]	03.04-	113992	14 140		03.04-	113773	12 1.1
	[BSE]	03.04-	113992	14 140		03.04-	113773	12 1.1
	[BSF]	03.04-	113992	14 140		03.04-	113773	12 1.1
	[CCSA]	03.04-	113992	14 140		03.04-	113773	12 1.1
		03.04-	115621	14 110				
	[CMXA]	03.04-	113992	14 140		03.04-	113773	12 1.1
		03.04-	115621	14 110				
Altea 1.6 LPG	[CHGA]	09.09-	113992	14 140	AT	09.09-	115611	12 1.1
Altea 1.6 Multifuel	[BSE]	10.06-	113992	14 140		10.06-	114176	12 1.0
		10.06-	115621	14 110		10.06-	115612	12 1.2
	[BSF]	10.06-	113992	14 140		10.06-	114176	12 1.0
		10.06-	115621	14 110		10.06-	115612	12 1.2
						10.06-	113773	12 1.1
	[CCSA]	10.06-	113992	14 140		10.06-	114176	12 1.0
		10.06-	115621	14 110		10.06-	115612	12 1.2
						10.06-	113773	12 1.1
Altea 1.6 TDI	[CAYB]	11.10-	113992	14 140	A25	11.10-	115336	12 2.2
		11.10-	115433	14 140		11.10-	115634	12 1.8
						11.10-	114299	12 1.7
	[CAYC]	10.09-	113992	14 140		10.09-	115376	12 1.8
		10.09-	115433	14 140		10.09-	115634	12 1.8
					A25	10.09-	115336	12 2.2
Altea 1.8 TFSi	[BYT]	01.07-	114722	14 140		01.07-	115612	12 1.2
						01.07-	114163	12 1.1
	[BZB]	01.07-	114722	14 140		01.07-	115612	12 1.2
						01.07-	114163	12 1.1
	[CDA A]	01.07-	114722	14 140		01.07-	115612	12 1.2
						01.07-	114163	12 1.1
Altea 1.9 TDI	[BJB]	04.04-	113992	14 140		04.04-	113842	12 1.7
		04.04-	115370	14 110		04.04- 09.05	115508	12 1.7 A49
	[BKC]	04.04-	113992	14 140		04.04-	113842	12 1.7
		04.04-	115370	14 110		04.04- 05.06	115508	12 1.7 A49
	[BLS]	04.04-	113992	14 140	AT7S	04.04-	115376	12 1.8
		04.04-	115370	14 110		04.04- 10.05	115508	12 1.7 A49
						04.04-	113842	12 1.7
	[BXE]	04.04-	113992	14 140		04.04-	113842	12 1.7
		04.04-	115370	14 110		04.04- 02.06	115508	12 1.7 A49
	[BXF]	08.09-	113992	14 140		08.09-	113842	12 1.7
		08.09-	115370	14 110		08.09-	115508	12 1.7 A49
Altea 2.0 FSi	[BLR]	05.04-	113992	14 140		05.04- 11.05	114163	12 1.1
						05.04-	113773	12 1.1
	[BLY]	05.04-	113992	14 140		05.04- 11.05	114163	12 1.1
						05.04-	113773	12 1.1
	[BVY]	05.04-	113992	14 140		05.04- 11.05	114163	12 1.1
						05.04-	113773	12 1.1
	[BVZ]	05.04-	113992	14 140		05.04- 11.05	114163	12 1.1
						05.04-	113773	12 1.1
Altea 2.0 TFSi	[BWA]	04.06-	113992	14 140		04.06-	115504	12 1.1 A49
					AT	04.06-	111909	12 1.1
						04.06-	115333	12 1.0
						04.06-	113773	12 1.1
Altea 2.0 TDI 16V	[AZV]	11.06-	113992	14 140				
		11.06-	115370	14 110				



Altea 2.0 TDi	[AZV]	03.04- 03.04-	113992 115370	14 140 14 110		AT 04.04- 03.04-	113509 113841	12 1.7 12 1.7	
	[BKD]	03.04-	113992	14 140		03.04- 06.04- 03.04- 03.04-	115638 113509 113841 115311	12 1.7 12 1.7 12 1.7 12 2.0	
	[BMM]	11.05- 11.05-	113992 115370	14 140 14 110		11.05- 11.05-	113841	12 1.7 12 1.7	
	[BMN]	03.06- 03.06-	113992 115370	14 140 14 110		03.06- 03.06-	113841 115638	12 1.7 12 1.7	
	[CEGA]	03.06-	113992	14 140		03.06-	115638	12 1.7	
	[CFHC]	03.04-	113992	14 140		03.04-	115638	12 1.7	
	Altea 2.0 TDi 4x4	[BMM]	06.07- 06.07-	113992 115370	14 140 14 110		06.07- 06.07-	115311 115638	12 2.0 12 1.7
		[CBZB]	04.10- 04.10- 04.10-	115765 115767 116207*	14 140 14 140 14 110		A25 04.10- 04.10- 04.10- 04.10-	115337 115612 115645 113773 114175	12 2.0 12 1.2 12 2.0 12 1.1 12 1.1
	Altea XL 1.6	[BSE]	10.06- 10.06- 10.06-	111989 113992 115482	14 90 14 140 14 90 A49		10.06-	113773	12 1.1
		[BSF]	10.06- 10.06- 10.06-	111989 113992 115482	14 90 14 140 14 90 A49		10.06-	113773	12 1.1
[CCSA]		10.06- 10.06- 10.06- 10.06-	111989 113992 115482 115621	14 90 14 140 14 90 A49 14 110 A49		10.06- 10.06- 10.06-	113773 114176	12 1.1 12 1.0	
[CMXA]		10.06- 10.06- 10.06- 10.06-	111989 113992 115482 115621	14 90 14 140 14 90 A49 14 110		10.06-	113773	12 1.1	
Altea XL 1.6 LPG		[CHGA]	09.09-	113992	14 140		09.09-	115611	12 1.1
Altea XL 1.6 TDi		[CAYB]	11.10- 11.10-	113992 115433	14 140 14 140		A25 11.10- 11.10- 11.10-	115336 115634 114299	12 2.2 12 1.8 12 1.7
		[BYT]	01.07-	114722	14 140		01.07-	114163	12 1.1
		[BZB]	01.07-	114722	14 140		01.07-	114163	12 1.1
Altea XL 1.8 TFSi		[CDAA]	01.07-	114722	14 140		01.07-	114163	12 1.1
		[BKC]	10.06- 10.06-	113992 115370	14 140 14 110		10.06- 10.06- 10.06- 10.06-	113842 115376 115508 115634	12 1.7 12 1.8 12 1.7 12 1.8
Altea XL 1.9 TDi	[BLS]	10.06- 10.06-	113992 115370	14 140 14 110		10.06- 10.06- 10.06- 10.06-	115508 115634 115376 113842	12 1.7 A49 12 1.8 12 1.8 12 1.7	
	[BXE]	10.06- 10.06-	113992 115370	14 140 14 110		10.06- 10.06- 10.06-	115508 115634 113842	12 1.7 A49 12 1.8 12 1.7	
	[BXF]	08.09- 08.09-	113992 115370	14 140 14 110		08.09- 08.09-	113842 115508	12 1.7 12 1.7 A49	
	[BVY]	10.06-	113992	14 140		10.06- 10.06- 10.06-	114163 113773 114163	12 1.1 12 1.1 12 1.1	
	[BVZ]	10.06-	113992	14 140		10.06- 10.06-	114163 113773	12 1.1 12 1.1	
Altea XL 2.0 TFSi 4WD	[BWA]	06.07-	113992	14 140		AT 06.07- 06.07-	115333 113773	12 1.0 12 1.1	
Altea XL 2.0 TDi 16V	[BKD]	10.06- 10.06-	113992 115370	14 140 14 110		10.06- 10.06- 10.06-	115638 115311 113841	12 1.7 12 2.0 12 1.7	
	[CFHC]	10.06-	113992	14 140		10.06-	115638	12 1.7	
	[CFHC]	10.10-	113992	14 140		10.10-	115638	12 1.7	
Altea XL 2.0 TDi 16V 4x4	[CFHC]	10.10-	113992	14 140		10.10-	115638	12 1.7	
Altea XL 2.0 TDi	[BMM]	10.06- 10.06-	113992 115370	14 140 14 110		10.06-	113841	12 1.7	
	[BMN]	06.07- 06.07-	113992 115370	14 140 14 110		A25 06.07- 06.07- 06.07-	115402 115638 113841	12 1.8 12 1.7 12 1.7	
	[CEGA]	06.07- 06.07-	113992 115370	14 140 14 110		A25 06.07- 06.07- 06.07-	115402 115638 113841	12 1.8 12 1.7 12 1.7	
	[BMN]	06.07- 06.07-	113992 115370	14 140 14 110		06.07- 06.07-	113841	12 1.7	
	[CFJA]	06.07- 06.07-	113992 115370	14 140 14 110		06.07-	115638	12 1.7	
Arona 1.0 TSi	[CHZJ]					07.17- 07.17- 07.17-	115560 115561 116272*	12 1.7 12 1.7 12 1.1	
	[CHZL]					07.17- 07.17- 07.17-	115560 115561 116272*	12 1.7 12 1.7 12 1.1	
	[DADA]					07.17-	115560	12 1.7	
	Arona 1.6 TDi	[DGTA]	07.17-	114322	14 140		07.17- 07.17-	114299 115336	12 1.7 12 2.2
		[DGTD]	11.17-	114322	14 140		11.17-	115336	12 2.2
Arosa 1.0	[AER]	02.97- 04.98 05.97- 04.98 PS 02.97- 04.98 PS 05.97- 04.98 ACPS 05.97-	111479 111352 111353 111477 112274	14 90 14 70 14 70 14 90 14 90		02.97- 06.04 05.97- 06.04	113750 114758	12 0.9 BO 12 0.9 MA	
	[AHT]	02.97- 10.97- 02.00 10.97- 02.00 10.99-	111352 112274 112419 112273	14 70 14 90 14 70 14 70		05.97- 06.04 01.98- 06.04	113750 114758	12 0.9 BO 12 0.9 MA	



Application list

SEAT Continued

	[ALD]		PS 01.99- 07.00	112273	14 70		01.99- 07.00	113750	12 0.9	BO
			AC 01.99- 07.00	112274	14 90		05.97-	114758	12 0.9	MA
	[ALL]		10.97- 05.99	111352	14 70		05.97-	114758	12 0.9	MA
			10.97- 05.99	112274	14 90		10.97- 05.99	113750	12 0.9	BO
			PS 10.97- 05.99	111353	14 70					
			PS 10.97- 05.99	111477	14 90					
	[ANV]		PS 01.99- 07.00	112273	14 70		01.99- 07.00	113750	12 0.9	BO
			AC 01.99- 07.00	112274	14 90		05.97-	114758	12 0.9	MA
	[AUC]		PS 05.00-	112273	14 70		05.00- 06.04	113750	12 0.9	BO
			AC 05.00-	112274	14 90		05.97-	114758	12 0.9	MA
Arosa 1.4	[AEX]		02.97- 11.97	111479	14 90		05.97- 06.04	114758	12 0.9	MA
			05.97- 11.97	111352	14 70		05.97- 11.97	111823	12 1.1	
			PS 02.97- 11.97	111353	14 70		05.97- 11.97	112307	12 1.1	
			PS 05.97- 11.97	111477	14 90		05.97- 06.04	113750	12 0.9	BO
	[AKK]		01.99- 10.00	112274	14 90		05.97- 06.04	114758	12 0.9	MA
							01.99- 10.00	111823	12 1.1	
							01.99- 10.00	112307	12 1.1	
			PS 01.99- 10.00	112273	14 70		01.99- 06.04	113750	12 0.9	BO
	[AKV]		05.97- 09.99	111352	14 70		05.97- 09.99	111823	12 1.1	
			05.97- 09.99	111479	14 90		05.97- 06.04	114758	12 0.9	MA
			PS 05.97- 09.99	111353	14 70		05.97- 09.99	112307	12 1.1	
			PS 05.97- 09.99	111477	14 90		05.97- 09.99	113750	12 0.9	BO
	[ANW]		01.99- 10.00	112274	14 90		05.97- 06.04	114758	12 0.9	MA
							01.99- 10.00	111823	12 1.1	
							01.99- 10.00	112307	12 1.1	
			PS 01.99- 10.00	112273	14 70		01.99- 10.00	113750	12 0.9	BO
	[APQ]		12.97- 08.98	111352	14 70		12.97- 08.98	111823	12 1.1	
			12.97- 08.98	111479	14 90		05.97- 06.04	114758	12 0.9	MA
			PS 12.97- 08.98	111353	14 70		12.97-	112307	12 1.1	
			PS 12.97- 08.98	111477	14 90		05.97- 06.04	113750	12 0.9	BO
	[AUD]		01.99-	112274	14 90		05.97- 06.04	114758	12 0.9	MA
							01.99-	111823	12 1.1	
							01.00-	112307	12 1.1	
			PS 01.99-	112273	14 70		01.99- 06.04	113750	12 0.9	BO
Arosa 1.4 16V	[AFK]		01.00-	112273	14 70		01.99- 09.00	112307	12 1.1	
	[ANW]		01.00-	112273	14 70		01.00-	112307	12 1.1	
	[AQO]		05.99- 09.00	112274	14 90		05.99- 09.00	112307	12 1.1	
	[AUB]		09.00-	112274	14 90		09.00-	112307	12 1.1	
Arosa 1.4 TDi	[AMF]		01.00-	113275	14 120		01.98- 06.04	115503	12 1.8	A49
							01.00-	111900	12 1.8	
Arosa 1.7 SDI	[AKU]						08.97-	111904	12 1.8	
Ateca 2.0 TSI 4Drive	[CZPB]		05.17-	116386*						
Ateca 2.0 TDi	[CRVA]		10.16-	116195*	14 180		10.16-	115638	12 1.7	
							10.16-	115634	12 1.8	
	[CRVC]		10.16-	116195*	14 180		10.16-	115634	12 1.8	
							10.16-	115638	12 1.7	
	[DFFA]		06.16-	115826	14 140 A49					
			06.16-	116359*	14 140					
Ateca 2.0 TDi 4x4	[DFFA]		06.16-	115826	14 140 A49					
			06.16-	116359*	14 140					
	[DFHA]		06.16-	115826	14 140 A49					
			06.16-	116359*	14 140					
Cordoba 1.0	[ALD]		PS 06.99- 10.02	112273	14 70		06.99- 10.02	112307	12 1.1	
			PS 06.99- 10.02	112274	14 90					
	[ANV]		PS 06.99- 10.02	112273	14 70					
			PS 06.99- 10.02	112274	14 90					
	[AUC]		PS 06.99- 10.02	112273	14 70					
			PS 06.99- 10.02	112274	14 90					
Cordoba 1.0 16V	[AST]		PS 05.00- 10.02	112273	14 70		05.00- 10.02	112307	12 1.1	
	[AVZ]		PS 05.00- 10.02	112273	14 70					
Cordoba 1.0 i	[AER]		09.96-	111352	14 70		09.96-	112307	12 1.1	
			09.96-	111353	14 70					
			09.96-	111477	14 90					
			PS 09.96-	111353	14 70					
			PS 09.96-	111477	14 90					
Cordoba 1.2	[AZQ]	Chas. 6L-3-097170-	10.02-	113253	14 90		10.02-	113515	12 0.9	
		Chas. -6L-3-097169	10.02-	113253	14 90	▲				
		Chas. -6L3097169	10.02-	113253	14 90					
Cordoba 1.4	[AKK]		06.99- 12.02	112273	14 70		05.99- 12.02	112307	12 1.1	
			06.99- 12.02	112274	14 90					
	[ANW]		05.99- 08.00	112273	14 70		05.99- 10.02	112307	12 1.1	
			05.99- 08.00	112274	14 90					
	[AUD]						06.99- 12.02	112307	12 1.1	
Cordoba 1.4 16V	[APE]		06.99- 06.00	112273	14 70		06.99-	114758	12 0.9	
			06.99- 06.00	112274	14 90		06.99- 06.00	112307	12 1.1	
							06.99-	113750	12 0.9	
	[AQO]		02.00- 10.02	112273	14 70		02.00- 10.02	112307	12 1.1	
	[AUA]		06.99-	112273	14 70		06.99-	113750	12 0.9	
			06.99-	112274	14 90		06.99-	114758	12 0.9	
							06.99-	112307	12 1.1	
	[AUB]		02.00- 10.02	112273	14 70		10.02-	113515	12 0.9	
			10.02-	112274	14 90		02.00- 10.02	112307	12 1.1	
	[BBY]						AT 10.02-	111823	12 1.1	
			AC 10.02-	112274	14 90		10.02-	113515	12 0.9	
	[BBZ]		10.02-	112274	14 90		10.02-	113515	12 0.9	
	[BKY]		09.02-	112274	14 90		09.02-	113515	12 0.9	
							09.02-	111823	12 1.1	
Cordoba 1.4 i 16V	[AFH]		09.96- 06.99	111353	14 70		09.96- 06.99	112307	12 1.1	
			AC 09.96- 06.99	111477	14 90					
Cordoba 1.4 i	[ABD]		09.93- 12.95	111352	14 70		09.93- 12.95	112307	12 1.1	
			PS 09.93- 12.95	111353	14 70					
	[AEX]		12.95- 12.97	111352	14 70		12.95- 12.97	112307	12 1.1	
			12.95- 12.97	111479	14 90					
			PS 12.95- 12.97	111353	14 70					
			PS 12.95- 12.97	111477	14 90					



	[AKV]	09.97-	111352	14 70		09.97-	112307	12 1.1		
		09.97-	111479	14 90						
		PS 09.97-	111353	14 70						
		PS 09.97-	111477	14 90						
	[ANX]	01.98- 05.98	111352	14 70		01.96- 05.98	112307	12 1.1		
		01.98- 05.98	111353	14 70						
		01.98- 05.98	111477	14 90						
		01.98-	111479	14 90						
		PS 01.98-	111353	14 70						
		PS 01.98-	111477	14 90						
	[APQ]	12.97- 12.02	111352	14 70		12.97- 05.98	112307	12 1.1		
		12.97- 12.02	111353	14 70						
		12.97- 12.02	111477	14 90						
		12.97-	111479	14 90						
		PS 12.97-	111353	14 70						
		PS 12.97-	111477	14 90						
Cordoba 1.4 TDI	[AMF]	10.02-	113275	14 120		12.04- 10.02- 10.02- 10.02- 12.04	115508 111900 113842 115503	12 1.7 12 1.8 12 1.7 12 1.8 A49		
	[BMS]	06.05- 06.05- 06.05-	112079 113275 115714	14 90 A47 14 120 14 110		06.05- 06.05-	113842 115508	12 1.7 12 1.7 A49		
	[BNM]	05.05- 05.05- 05.05-	113275 115714 115764	14 120 14 110 14 90		05.05-	114062	12 1.7		
	[BNV]	06.05- 06.05-	115714 115764	14 110 14 90		06.05- 06.05-	113842 115508	12 1.7 12 1.7 A49		
	Cordoba 1.6	[AEH]	05.99- 12.02 05.99- 12.02 06.99- 10.02	112075 115482 111989	14 70 14 90 A49 14 90		06.99- 10.02 05.99- 12.02	111909 115504	12 1.1 12 1.1 A49	
		[AKL]	06.99- 10.02 06.99- 08.02 06.99- 12.02	111989 112075 115482	14 90 14 70 14 90 A49		06.99- 10.02 06.99- 12.02	111909 115504	12 1.1 12 1.1 A49	
		[ALM]	06.99- 10.02 06.99- 10.02 06.99-	111353 111477 112273	14 70 14 90 14 70		06.99-	112307	12 1.1	
		[APF]	06.99- 06.99- 10.02 09.99- 10.00	111989 112075 115482	14 90 14 70 14 90 A49		06.99- 09.99- 10.00	111909 115504	12 1.1 12 1.1 A49	
		[AUR]	06.99- 10.02 06.99- 12.02	111989 115482	14 90 14 90 A49		06.99- 10.02 06.99- 12.02	111909 115504	12 1.1 12 1.1 A49	
		[BAH]					02.03- 02.03-	112435 113515	12 1.1 12 0.9	
Cordoba 1.6 16V		[BTS]	AC 02.03- 11.06-	112274 114769	14 90 14 110					
Cordoba 1.6 i		[1F]	05.94- 12.02 09.96- AC 05.94- 12.02	111352 111479 111477	14 70 14 90 14 90		05.94- 12.02 05.97- 12.02 09.96- 12.02	111748 115504 111909	12 1.1 12 1.1 A49 12 1.1	
		[ABU]	09.93- 07.94 09.93- 07.94	111353 111477	14 70 14 90		09.93- 07.94 09.93- 07.94	111748 112307	12 1.1 12 1.1	
		[AEE]	03.97- AC 03.97-	111353 111477	14 70 14 90		03.97-	112307	12 1.1	
	[AFT]	12.95- 04.97- 06.99 PS 12.95- 11.02 AC 12.95-	111479 111352 111353 111477	14 90 14 70 14 70 14 90		07.96-	111748	12 1.1		
	[ALM]	09.97- 09.97- 03.99- 12.02 06.99- AC 09.97-	111353 111477 112274 112273 111477	14 70 14 90 14 90 14 70 14 90		09.97-	112307	12 1.1		
	Cordoba 1.8 i 16V	[ADL]	09.93- 09.93- 08.96	111353 111477	14 70 14 90		10.93- 08.96 09.93- 06.96	111748 112236	12 1.1 12 1.8	
		Cordoba 1.8 i	[ABS]	02.93- 02.93- AC 02.93-	111352 111479 111477	14 70 14 90 14 90		02.93- 02.93- 06.99 02.93- 06.99	111748 112236 111909	12 1.1 12 1.8 12 1.1
	[ACC]		02.93- 06.99 02.93- 06.99 02.93- 06.99	111352 111477 111479	14 70 14 90 14 90		02.93- 06.99 02.93- 06.99 02.93- 06.99	111909 112236 115504	12 1.1 12 1.8 12 1.1 A49	
	[ADZ]		02.93- 02.93- AC 02.93-	111352 111479 111477	14 70 14 90 14 90		10.96- 11.95- 12.02 07.94- 09.96 07.94-	111909 115504 111748 112236	12 1.1 12 1.1 A49 12 1.1 12 1.8	
	Cordoba 1.8 Turbo 20V Cupra		[AOX]	05.99- 10.00 05.99- 10.00 06.99-	112075 115482 111989	14 70 14 90 A49 14 90		05.99- 10.00	112005	12 1.1
[AYP]			07.00- 10.02 07.00- 10.02 07.00- 10.02	111989 112075 115482	14 90 14 70 14 90 A49		07.00- 10.02	112005	12 1.1	
Cordoba 1.9 Diesel			[1Y]	02.93- 08.96 02.93- 08.96	111352 111477	14 70 14 90		Chas. -ZR775807 02.93- 08.96	112286	12 1.7
	Cordoba 1.9 SDI	[AEF]	08.96- 06.99 08.96- 06.99 Chas. -6KX026679 08.96- 05.98 AC 08.96- 06.99	111353 111828 111884 111477	14 70 14 120 14 90 14 90		Chas. 6K-ZR775808- 08.96-	112286	12 1.7	
[AEY]		08.96- 12.02 08.96- 08.96- 03.99 08.96- 05.99 09.96- 09.96- 06.99 09.96- 06.99 09.96- 06.99 03.99- 06.99 03.99- 06.99 AC 08.96-	111353 111477 111828 111884 111352 112002 112079 114789 113340 115483 111477	14 70 14 90 14 120 14 90 14 70 14 120 A47 14 90 A47 14 90 A49 14 70 14 120 A49 14 90		08.96-	112286	12 1.7		



Application list

SEAT Continued

	[AGP]	06.99- 10.02	112002	14 120		05.99- 10.02	112286	12 1.7
		06.99- 10.02	112079	14 90				
		06.99- 10.02	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 08.02	115483	14 120 A49				
	[AQM]	06.99-	112002	14 120 A47		06.99- 10.02	112286	12 1.7
		06.99-	112079	14 90 A47				
		06.99-	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 09.00	115483	14 120 A49				
	[ASY]	09.02-	112002	14 120 A47	Chas. -6L-5-090178	09.02- 12.04	112438	12 2.0 A49
		09.02-	112079	14 90 A47	Chas. 6L-5-090179-	09.02-	114062	12 1.7
		09.02-	113340	14 70		09.02-	116335*	12 2.0
		09.02-	114789	14 90 A49				
		09.02-	115483	14 120 A49				
Cordoba 1.9 TD	[AAZ]	02.93- 08.96	111352	14 70		02.93- 08.96	112286	12 1.7
		02.93- 08.96	111479	14 90				
		02.93- 08.96	111828	14 120				
		09.93-	111477	14 90				
		AC 02.93- 08.96	111477	14 90				
Cordoba 1.9 TDi	[1Z]	08.96- 12.96	111828	14 120		08.96- 12.96	111900	12 1.8
		08.96- 12.96	111884	14 90		08.96- 12.96	115503	12 1.8 A49
		08.96- 12.96	111988	14 120				
	[AFN]	03.97-	111353	14 70		03.97-	111900	12 1.8
		03.97-	111477	14 90		03.97- 12.02	115503	12 1.8 A49
		03.97-	111828	14 120		03.97-	111694	12 1.8
		03.97- 05.98	111884	14 90				
		03.97-	111988	14 120				
		07.97- 06.99	112079	14 90 A47				
		07.97- 06.99	114789	14 90 A49				
		03.99- 06.99	115483	14 120 A49				
		AC 07.97- 06.99	112002	14 120 A47				
		AC 02.98- 03.99	111828	14 120				
		AC 03.99- 06.99	113340	14 70				
	[AGR]	06.99- 10.02	112002	14 120 A47		06.99-	111900	12 1.8
		06.99-	112079	14 90 A47		06.99- 12.02	115503	12 1.8 A49
		06.99-	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 12.02	115483	14 120 A49				
	[AHU]	08.96- 12.02	111828	14 120		08.96- 12.02	111900	12 1.8
		08.96- 05.98	111884	14 90		08.96- 12.02	115503	12 1.8 A49
		08.96- 12.02	111988	14 120		08.96- 06.99	114160	12 1.8
		08.96-	112079	14 90 A47				
		08.96- 10.02	114789	14 90 A49				
		03.99- 05.01	115483	14 120 A49				
		06.99-	113340	14 70				
			112002	14 120 A47				
	[ALH]	06.99- 10.02	112002	14 120 A47		06.99- 10.02	111900	12 1.8
		06.99- 10.02	112079	14 90 A47		06.99- 10.02	115503	12 1.8 A49
		06.99- 10.02	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 10.02	115483	14 120 A49				
	[ASK]	06.99-	112002	14 120 A47		06.99- 10.02	111900	12 1.8
		06.99- 10.02	112079	14 90 A47		06.99- 10.02	115503	12 1.8 A49
		06.99- 10.02	113340	14 70				
		06.99- 10.02	114789	14 90 A49				
		06.99- 10.02	115483	14 120 A49				
	[ASV]	05.99- 10.02	113340	14 70		06.99-	111900	12 1.8
		06.99- 10.02	112002	14 120		06.99- 10.02	115503	12 1.8 A49
		06.99- 10.02	112079	14 90 A47				
		06.99- 10.02	114789	14 90 A49				
		06.99- 10.02	115483	14 120 A49				
	[ASZ]	02.02-	113340	14 70		10.02-	113841	12 1.7
		02.02-	115483	14 120 A49		02.02-	112429	12 2.0
		10.02-	112002	14 120 A47				
		10.02-	112079	14 90 A47				
		10.02-	114789	14 90 A49				
	[ATD]	09.02-	112002	14 120 A47		10.02-	111900	12 1.8
		09.02-	112079	14 90 A47		09.02-	113842	12 1.7
		09.02-	113340	14 70		10.02- 12.04	115503	12 1.8 A49
		09.02-	114789	14 90 A49		12.04-	115508	12 1.7 A49
		09.02-	115483	14 120 A49				
	[AXR]	09.02-	112002	14 120 A47		09.02-	113842	12 1.7
		09.02-	112079	14 90		09.02-	115508	12 1.7 A49
		09.02-	113340	14 70				
		09.02-	114789	14 90 A49				
		09.02-	115483	14 120 A49				
	[BLT]	05.05-	112002	14 120 A47		05.05-	112429	12 2.0
		05.05-	112079	14 90 A47				
		05.05-	113340	14 70				
		05.05-	114789	14 90 A49				
		05.05-	115483	14 120 A49				
	[BMT]	09.02-	112002	14 120 A47		09.02-	113842	12 1.7
		09.02-	112079	14 90 A47		09.02-	115508	12 1.7 A49
		09.02-	113340	14 70				
		09.02-	114789	14 90 A49				
		09.02-	115483	14 120 A49				
Cordoba 2.0	[AZL]	09.02-	111989	14 90		09.02- 10.04	112005	12 1.1
		09.02-	112075	14 70				
		09.02- 04.05	115482	14 90 A49				
	[BBX]	04.03-	111989	14 90		04.03-	112005	12 1.1
		04.03-	115482	14 90 A49				
Cordoba 2.0 i 16V	[ABF]	08.96- 12.02	111353	14 70		08.96- 12.99	111749	12 1.1
		08.96- 12.02	111479	14 90				
		AC 08.96- 12.02	111477	14 90				



Cordoba 2.0 i	[2E]	02.93- 04.96	111352	14	70	02.93- 04.96	111748	12	1.1
		02.93- 04.96	111479	14	90				
		AC 02.93- 04.96	111477	14	90				
	[AGG]	04.96-	111352	14	70	04.96- 09.96	111748	12	1.1
		04.96-	111479	14	90	10.96- 12.02	115504	12	1.1 A49
		AC 04.96-	111477	14	90	10.96-	111909	12	1.1
Exeo 1.6	[ALZ]	03.09- 09.10	116337	14	120	03.09-	114179	12	1.2
Exeo 1.6 ST	[ALZ]	06.09- 09.10	116337	14	120	06.09-	114179	12	1.2
Exeo 1.8	[CFMA]	03.09- 05.10	116337	14	120	03.09-	114179	12	1.2
Exeo 1.8 ST	[CFMA]	06.09- 05.10	116337	14	120	06.09-	114179	12	1.2
Exeo 2.0 TFSi	[BWE]	03.09-	114722	14	140	03.09-	115947	12	1.1
Exeo 2.0 TFSi ST	[BWE]	06.09-	114722	14	140	06.09-	115947	12	1.1
Exeo 2.0 TDI	[CAGA]	12.08-	115730	14	140	12.08-	114177	12	2.0
						12.08-	114096	12	2.0
	[CAGC]	08.09-	113992	14	140	08.09-	114096	12	2.0
		08.09-	114109	14	180	08.09-	114177	12	2.0
		08.09-	115730	14	140				
	[CAHA]	02.09-	115730	14	140	02.09-	114177	12	2.0
						02.09-	114096	12	2.0
	[CGLB]	01.08-	114109	14	180	02.09-	114096	12	2.0
		02.09-	113992	14	140				
		02.09-	115730	14	140				
	[CJCA]	12.08-	113992	14	140	12.08-	114177	12	2.0
		12.08-	115730	14	140	12.08-	114096	12	2.0
		03.09-	114109	14	180				
	[CJCC]	08.09-	113992	14	140	08.09-	114096	12	2.0
	08.09-	114109	14	180	08.09-	114177	12	2.0	
	08.09-	115730	14	140					
Exeo 2.0 TDI ST	[CAGA]	05.09-	115730	14	140	05.09-	114177	12	2.0
						05.09-	114096	12	2.0
	[CAGC]	07.09-	115730	14	140	07.09-	114177	12	2.0
						07.09-	114096	12	2.0
	[CAHA]	05.09-	115730	14	140	05.09-	114177	12	2.0
						05.09-	114096	12	2.0
	[CGLB]	05.09-	113992	14	140	05.09-	114096	12	2.0
		05.09-	115730	14	140				
		06.09-	114109	14	180				
	[CJCA]	05.09-	113992	14	140	05.09-	114177	12	2.0
		05.09-	115730	14	140	05.09-	114096	12	2.0
		06.09-	114109	14	180				
	[CJCC]	06.09-	114109	14	180	07.09-	114096	12	2.0
		07.09-	113992	14	140	07.09-	114177	12	2.0
	07.09-	115730	14	140					
Fura 0.9	[09NCA]					03.84- 12.86	110365	12	0.8
	[100GL.7000]	03.84- 12.86	111078	14	45	03.84- 12.86	110365	12	0.8
	[HB90]	09.81- 06.86	111078	14	45	01.82- 06.86	110365	12	0.8
	[09NCA]	08.90- 05.93	111078	14	45	08.90- 05.93	110365	12	0.8
Ibiza 0.9	[146A.000]	06.84- 05.93	111078	14	45	06.84- 05.93	110365	12	0.8
Ibiza 1.0	[ALD]	PS 05.99-	112273	14	70	05.99-	112307	12	1.1
		PS 05.99-	112274	14	90				
	[ANV]	PS 05.99- 07.00	112273	14	70	05.99- 07.00	112307	12	1.1
		PS 05.99- 07.00	112274	14	90				
	[AUC]	PS 07.00- 05.02	112273	14	70	07.00- 05.02	112307	12	1.1
		PS 07.00- 05.02	112274	14	90				
	[CHYB]	A25 05.15-	116232*	14	110	05.15-	115560	12	1.7
	[AAU]	03.93- 09.96	111288	14	65				
Ibiza 1.0 Sportcoupe	[CHYB]	A25 05.15-	116232*	14	110	05.15-	115560	12	1.7
Ibiza 1.0 16V	[AST]	PS 05.00- 02.02	112273	14	70	05.00- 02.02	112307	12	1.1
		PS 05.00- 02.02	112274	14	90				
	[AVZ]	PS 05.00- 02.02	112273	14	70	05.00- 02.02	112307	12	1.1
		PS 05.00- 02.02	112274	14	90				
Ibiza 1.0 i	[AER]	09.96- 10.99	111352	14	70	09.96- 08.99	112307	12	1.1
		PS 09.96- 10.99	111353	14	70				
		PS 09.96- 10.99	111477	14	90				
Ibiza 1.0 TSi	[CHZB]					05.15-	115560	12	1.7
	[CHZC]					05.15-	115560	12	1.7
	[CHZJ]					01.17-	115560	12	1.7
						01.17-	115561	12	1.7
	[CHZL]				DKG	01.17-	115944	12	1.7
						01.17-	115560	12	1.7
	[DKJA]					01.17-	115560	12	1.7
						01.17-	115561	12	1.7
Ibiza 1.0 TSi Sportcoupe	[CHZB]					05.15-	115560	12	1.7
	[CHZC]					05.15-	115560	12	1.7
Ibiza 1.2	[021A.1000]	06.84- 09.85	110358	14	55	11.84- 12.93	110365	12	0.8
	[AZO]	11.01- 10.02	113253	14	90 ▲	02.02-	113515	12	0.9
						02.02-	112435	12	1.1
	[BME]	02.02-	113253	14	90	02.02-	113515	12	0.9
						02.02-	112435	12	1.1
	[BZG]	03.08-	113253	14	90	03.08-	114034	12	1.0
	[CGPA]	03.08-	113253	14	90	03.08-	114034	12	1.0
	[CJLB]	03.08-	113253	14	90	03.08-	114034	12	1.0
Ibiza 1.2 i	[021C.1000]					01.89- 05.93	110365	12	0.8
Ibiza 1.2 TSi	[CBZA]	08.12-	115765	14	140	08.12-	115612	12	1.2
		08.12-	115767	14	140	08.12-	114034	12	1.0
		08.12-	116207*	14	110	A25 08.12-	115401	12	2.2
	[CBZB]	09.10-	115765	14	140	A25 09.10-	115401	12	2.2
		09.10-	116207*	14	110	09.10-	115612	12	1.2
						09.10-	114034	12	1.0
	[CJZC]					05.15-	115560	12	1.7
	[CJZD]					A25 09.15-	115560	12	1.7
						09.15-	116272*	12	1.1
						09.15-	115612	12	1.2
					09.15-	115696	12	1.1	
Ibiza 1.2 TSi Sportcoupe	[CJZC]					05.15-	115560	12	1.7



Application list

SEAT Continued

	[CJZD]				A25 09.15-	115560	12 1.7
					09.15-	116272*	12 1.1
					09.15-	115612	12 1.2
					09.15-	115696	12 1.1
Ibiza 1.2 TDi	[CFWA]				A25 04.10-	115336	12 2.2
Ibiza 1.3 i	[ZG]	03.93- 08.99	111288	14 65			
	[AAV]	03.93- 07.94	111288	14 65			
Ibiza 1.4	[AKK]	08.99-	112274	14 90	08.99-	112307	12 1.1
	[ANW]	05.99-	112273	14 70	08.99-	112307	12 1.1
		05.99-	112274	14 90			
	[BXW]	03.08-	112274	14 90	03.08-	114034	12 1.0
		03.08-	113874	14 110	03.08-	115611	12 1.1
					07.08-	115612	12 1.2
	[CGGB]	03.08-	112274	14 90	03.08-	114034	12 1.0
		03.08-	113874	14 110	03.08-	115611	12 1.1
					07.08-	115612	12 1.2
Ibiza 1.4 16V	[APE]	05.99-	112273	14 70	05.99-	112307	12 1.1
		05.99-	112274	14 90			
	[AQQ]	08.99- 07.00	112273	14 70	08.99- 07.00	112307	12 1.1
		08.99- 07.00	112274	14 90			
	[AUB]	02.02-	115482	14 90 A49			
		AC 02.02-	111989	14 90			
		AC 02.02-	112274	14 90			
	[BBY]	02.02-	115482	14 90 A49	5SP 02.02-	112435	12 1.1
		AC 02.02-	111989	14 90	AT 02.02-	111823	12 1.1
		AC 02.02-	112274	14 90			
	[BBZ]	02.02-	115482	14 90 A49	02.02-	112435	12 1.1
		AC 02.02-	111989	14 90			
		AC 02.02-	112274	14 90			
	[BKY]				05.04- 12.07	112435	12 1.1
					05.04- 12.07	113515	12 0.9
					05.04- 12.07	115542	12 1.1
Ibiza 1.4 i 16V	[AFH]	09.96- 08.99	111353	14 70	09.96- 08.99	112307	12 1.1
		AC 09.96- 08.99	111477	14 90			
Ibiza 1.4 i	[ABD]	09.93- 12.95	111352	14 70	09.93- 12.95	112307	12 1.1
		PS 09.93- 12.95	111353	14 70			
	[AEX]	12.95- 12.97	111352	14 70	12.95- 12.97	112307	12 1.1
		PS 12.95- 12.97	111353	14 70			
		ACPS 12.95- 12.97	111477	14 90			
	[AKV]	12.97-	111352	14 70	12.97-	112307	12 1.1
		PS 12.97-	111353	14 70			
		ACPS 12.97-	111477	14 90			
	[APO]	12.97-	111352	14 70	12.97-	112307	12 1.1
		PS 12.97-	111353	14 70			
		ACPS 12.97-	111477	14 90			
Ibiza 1.4 TSi	[CAVE]	06.09-	113861	14 110	06.09-	115612	12 1.2
		06.09-	114884	14 140			
	[CAVF]	06.09-	113861	14 110	06.09-	115612	12 1.2
		06.09-	114884	14 140			
	[CNUB]	06.09-	113861	14 110	06.09-	115612	12 1.2
		06.09-	114884	14 140			
	[CPTA]	10.13-	115916	14 140	10.13-	115337	12 2.0
	[CTHE]	06.09-	113861	14 110	06.09-	115611	12 1.1
		06.09-	114884	14 140	06.09-	115612	12 1.2
	[CTHF]	06.09-	113861	14 110	06.09-	115612	12 1.2
		06.09-	114884	14 140			
	[CTJB]	06.09-	113861	14 110	06.09-	115611	12 1.1
		06.09-	114884	14 140	06.09-	115612	12 1.2
	[CTJC]	06.09-	113861	14 110	06.09-	115611	12 1.1
		06.09-	114884	14 140	06.09-	115612	12 1.2
	[CZEA]				11.15-	115560	12 1.7
Ibiza 1.4 TSi Sportcoupe	[CZEA]				11.15-	115560	12 1.7
Ibiza 1.4 TDi	[AMF]	05.02-	113275	14 120	11.04-	115508	12 1.7 A49
					5SP 05.02-	111900	12 1.8
					05.02-	113842	12 1.7
					05.02- 10.04	115503	12 1.8 A49
	[BMS]	06.05-	112079	14 90 A47	06.05- 06.10	113842	12 1.7
		06.05- 06.10	113275	14 120	06.05- 06.10	115508	12 1.7 A49
		06.05- 06.10	115714	14 110			
		06.05- 06.10	115764	14 90			
	[BNM]	05.05-	113275	14 120	05.05-	114062	12 1.7
		05.05-	115714	14 110			
		05.05-	115764	14 90			
	[BNV]	06.05-	112079	14 90 A47	06.05-	113842	12 1.7
		06.05-	113275	14 120	06.05-	115508	12 1.7 A49
		06.05-	115714	14 110			
	[CUSA]				05.15-	115336	12 2.2
	[CUSB]				05.15-	115336	12 2.2
	[CUTA]				05.15-	115336	12 2.2
Ibiza 1.4 TDi Sportcoupe	[CUSA]				05.15-	115336	12 2.2
	[CUSB]				05.15-	115336	12 2.2
	[CUTA]				05.15-	115560	12 1.7
Ibiza 1.5	[021A.2000]	06.84- 08.85	110358	14 55			
Ibiza 1.5 i	[021B.2000]				10.86- 05.93	110365	12 0.8
	[021C.2000]				10.86- 05.93	110365	12 0.8
Ibiza 1.6	[AEH]	05.99- 05.02	115482	14 90 A49	05.99- 05.02	115504	12 1.1 A49
		08.99- 02.02	111989	14 90	08.99- 02.02	111909	12 1.1
	[AKL]	05.99- 05.02	115482	14 90 A49	05.99- 05.02	115504	12 1.1 A49
		08.99- 02.02	111989	14 90	08.99- 02.02	111909	12 1.1
	[ALM]	09.97- 02.02	112273	14 70	09.97- 02.02	112307	12 1.1
		09.97- 02.02	112274	14 90			
	[APF]	08.99-	111989	14 90	08.99-	111909	12 1.1
		08.99-	112075	14 70	08.99- 10.00	115504	12 1.1 A49
		08.99- 10.00	115482	14 90 A49			
	[AUR]	07.00- 05.02	115482	14 90 A49	07.00- 05.02	115504	12 1.1 A49
		08.99- 02.02	111989	14 90	08.99- 02.02	111909	12 1.1
	[BAH]	AC 02.03-	112274	14 90	02.03-	113515	12 0.9



[BTS]	05.08-	114769	14 110		05.08-05.08-	115612-114034	12 1.2-12 1.0		
Ibiza 1.6 16V	[BTS]	11.06-	114769	14 110		11.06-	113773	12 1.1	
Ibiza 1.6 i	[1F]	05.94-08.99	111352	14 70		05.94-08.99	111748	12 1.1	
		05.94-08.99	111479	14 90					
		AC 05.94-08.99	111477	14 90					
	[ABU]	03.93-07.94	111353	14 70		03.93-07.94	112307	12 1.1	
		03.93-07.94	111477	14 90					
	[AEF]	03.97-12.98	111353	14 70		03.97-12.98	112307	12 1.1	
		AC 03.97-12.98	111477	14 90					
	[AFT]	04.96-	111352	14 70		04.96-	111909	12 1.1	
		04.96-	111479	14 90		12.95-10.99	115504	12 1.1 A49	
		AC 04.96-	111477	14 90		04.96-	111748	12 1.1	
					04.96-	112307	12 1.1		
[ALM]	09.97-05.02	112273	14 70		09.97-05.02	112307	12 1.1		
	09.97-05.02	112274	14 90						
	Chas. -6K-X-399999	09.97-05.02	111353	14 70					
	Chas. -6K-X-399999	09.97-05.02	111477	14 90					
Ibiza 1.6 LPG	[CNKA]	05.11-	114769	14 110		05.11-05.11-	115612-114034	12 1.2-12 1.0	
Ibiza 1.6 TDi	[CAYB]	05.09-	113992	14 140		A25 05.09-	115336	12 2.2	
		03.10-	115370	14 110		03.10-	115634	12 1.8	
	[CAYC]	05.09-	113992	14 140		A25 05.09-	115336	12 2.2	
	[CLNA]	05.09-	113992	14 140		A25 05.09-	115336	12 2.2	
		03.10-	115370	14 110					
	[DGTA]	12.17-	114322	14 140		12.17-	115336	12 2.2	
	[DGTC]	11.17-	114322	14 140		11.17-	115336	12 2.2	
Ibiza 1.7	[021A.3000]					01.91-05.93	111619	12 1.7	
Ibiza 1.7 Diesel	[022A.5000]	06.84-05.93	110912	14 55					
Ibiza 1.8 i 16V	[ADL]	09.93-08.96	111353	14 70		11.93-08.96	111748	12 1.1	
		09.93-08.96	111477	14 90					
Ibiza 1.8 i	[ABS]	03.93-07.94	111352	14 70		03.93-07.94	111748	12 1.1	
		03.93-07.94	111479	14 90					
		AC 03.93-07.94	111477	14 90					
	[ADZ]	07.94-10.99	111352	14 70		11.95-10.99	115504	12 1.1 A49	
		07.94-10.99	111479	14 90		07.94-11.95	111748	12 1.1	
		AC 07.94-10.99	111353	14 70		11.95-10.99	111909	12 1.1	
		AC 07.94-10.99	111477	14 90					
Ibiza 1.8 TSi Cupra Sportcoupe	[DAJA]	11.15-	116386*			11.15-	115560	12 1.7	
Ibiza 1.9 Diesel	[1Y]	03.93-08.96	111352	14 70		10.94-08.96	113387	12 2.0	
		03.93-08.96	111479	14 90		Chas. ZR199605-	04.93-08.96	112286	12 1.7
		AC 03.93-08.96	111477	14 90					
Ibiza 1.9 SDi	[AEF]	08.96-08.99	111353	14 70		12.95-10.99	112286	12 1.7	
		08.96-08.99	111477	14 90					
		08.96-08.99	111828	14 120					
		08.96-05.98	111884	14 90					
	[AEY]	12.95-10.99	111353	14 70		12.95-10.99	112286	12 1.7	
		12.95-10.99	111477	14 90					
		12.95-10.99	111884	14 90					
		AC 12.95-10.99	111477	14 90					
	[AGP]	05.99-05.02	115483	14 120 A49		05.99-01.02	112286	12 1.7	
		08.99-02.02	112002	14 120 A47					
		08.99-02.02	112079	14 90 A47					
		08.99-02.02	113340	14 70					
		08.99-02.02	114789	14 90 A49					
	[AQM]	05.99-05.02	115483	14 120 A49		05.99-01.02	112286	12 1.7	
		08.99-	112002	14 120 A47					
		08.99-	112079	14 90 A47					
		08.99-	113340	14 70					
	08.99-02.02	114789	14 90 A49						
[ASY]	02.02-	112002	14 120 A47		5SP 02.02-	112435	12 1.1		
	02.02-	112079	14 90 A47		Chas. -6L-5D090015, -6L-5R090179-	02.02-11.04	112438	12 2.0 A49	
	02.02-	113340	14 70		Chas. 6L-5D090016-, 6L-5R090179-	02.02-	114062	12 1.7	
	02.02-	114789	14 90 A49						
	02.02-	115483	14 120 A49		02.02-	116335*	12 2.0		
Ibiza 1.9 TD	[AAZ]	03.93-08.96	111352	14 70		Chas. ZR135501	03.93-08.96	112286	12 1.7
		03.93-08.96	111479	14 90					
		AC 03.93-08.96	111477	14 90					
Ibiza 1.9 TDi	[1Z]	08.96-12.96	111828	14 120		08.96-12.96	111900	12 1.8	
		08.96-12.96	111884	14 90		08.96-12.96	115503	12 1.8 A49	
		08.96-12.96	111988	14 120					
	[AFN]	02.97-08.99	111828	14 120		02.97-08.99	111900	12 1.8	
		02.97-05.98	111884	14 90		02.97-08.99	115503	12 1.8 A49	
		02.97-08.99	111988	14 120					
	[AGR]	05.99-05.02	113340	14 70		08.99-02.02	111900	12 1.8	
		05.99-05.02	115483	14 120 A49		05.99-05.02	115503	12 1.8 A49	
		08.99-02.02	112002	14 120 A47					
		08.99-02.02	112079	14 90 A47					
		08.99-02.02	114789	14 90 A49					
	[AHU]	12.96-08.99	111828	14 120		12.96-08.99	111900	12 1.8	
		12.96-05.98	111884	14 90		08.96-08.99	114160	12 1.8	
		12.96-08.99	111988	14 120		12.96-08.99	115503	12 1.8 A49	
						03.97-	111694	12 1.8	
	[ALH]	05.99-05.02	113340	14 70		05.99-05.02	115503	12 1.8 A49	
		05.99-05.02	115483	14 120 A49		08.99-02.02	111900	12 1.8	
		08.99-02.02	112002	14 120 A47					
		08.99-02.02	112079	14 90 A47					
		08.99-02.02	114789	14 90 A49					
[ASK]	08.99-	112002	14 120 A47		08.99-02.02	111900	12 1.8		
	08.99-02.02	115483	14 120 A49		08.99-02.02	115503	12 1.8 A49		
[ASV]	05.99-05.02	113340	14 70		05.99-05.02	115503	12 1.8 A49		
	05.99-05.02	115483	14 120 A49		08.99-02.02	111900	12 1.8		
	08.99-02.02	112002	14 120 A47						
	08.99-02.02	112079	14 90 A47						
	08.99-02.02	114789	14 90 A49						



Application list

SEAT Continued

	[ASZ]	02.02-	112002	14 120 A47	02.02-	112429	12 2.0
		02.02-	112079	14 90 A47	02.02-	113841	12 1.7
		02.02-	113340	14 70			
		02.02-	114789	14 90 A49			
		02.02-	115483	14 120 A49			
	[ATD]	02.02-	112002	14 120 A47	02.02-	111900	12 1.8
		02.02-	112079	14 90 A47	02.02-	113842	12 1.7
		02.02-	113340	14 70	02.02- 12.04	115503	12 1.8 A49
		02.02-	114789	14 90 A49	12.04-	115508	12 1.7 A49
		02.02-	115483	14 120 A49			
	[AXR]	05.05-	112002	14 120 A47	05.05-	111900	12 1.8
		05.05-	112079	14 90 A47	05.05-	113842	12 1.7
		05.05-	113340	14 70	05.05-	115503	12 1.8 A49
		05.05-	114789	14 90 A49	05.05-	115508	12 1.7 A49
		05.05-	115483	14 120 A49			
	[BLS]	03.08- 06.10	112002	14 120 A47	03.08- 06.10	113842	12 1.7
		03.08- 06.10	112079	14 90 A47	03.08- 06.10	115508	12 1.7 A49
		03.08- 06.10	113340	14 70			
		03.08- 06.10	114789	14 90 A49			
		03.08- 06.10	115483	14 120 A49			
	[BLT]	05.05-	112002	14 120 A47	05.05-	112429	12 2.0
		05.05-	112079	14 90 A47			
		05.05-	113340	14 70			
		05.05-	114789	14 90 A49			
		05.05-	115483	14 120 A49			
	[BMT]	05.05-	115483	14 120 A49	05.05-	115508	12 1.7 A49
		09.06-	112002	14 120 A47	09.06-	111900	12 1.8
		09.06-	112079	14 90 A47	09.06-	113842	12 1.7
		09.06-	113340	14 70	05.05-	115503	12 1.8 A49
		09.06-	114789	14 90 A49			
	[BXJ]	07.08- 06.10	112002	14 120 A47	07.08- 06.10	113841	12 1.7
		07.08- 06.10	112079	14 90 A47	07.08- 06.10	113842	12 1.7
		07.08- 06.10	114789	14 90 A49	07.08- 06.10	115508	12 1.7 A49
		07.08- 06.10	115483	14 120 A49			
		07.08- 06.10	115764	14 90			
Ibiza 2.0 i 16V	[ABF]	08.96- 08.99	111353	14 70	08.96- 08.99	111749	12 1.1
		08.96- 08.99	111479	14 90			
		AC 08.96- 08.99	111477	14 90			
Ibiza 2.0 i	[2E]	03.93- 04.96	111352	14 70	03.93- 04.96	111748	12 1.1
		03.93- 04.96	111479	14 90			
		AC 03.93- 04.96	111477	14 90			
	[AGG]	04.96- 10.99	111352	14 70	04.96- 10.99	115504	12 1.1 A49
		04.96- 10.99	111479	14 90	04.96- 10.99	111909	12 1.1
Ibiza 2.0 TDi	[CFHD]	01.10-	113992	14 140	01.10-	113841	12 1.7
		01.10-	115370	14 110	A25 01.10-	115402	12 1.8
		01.10-	115433	14 140			
Ibiza Cupra 1.8 Turbo 20V	[AOX]	07.00- 02.02	112079	14 90 A47	10.99- 10.00	112005	12 1.1
		07.00- 02.02	114789	14 90 A49			
		10.99- 10.00	111989	14 90			
		10.99- 10.00	115482	14 90 A49			
	[AYP]	09.00- 05.02	115482	14 90 A49	09.00- 05.02	112005	12 1.1
Ibiza Cupra R 1.8 Turbo	[BBU]	08.99-	111989	14 90			
		08.99-	112075	14 70			
		01.04- 04.05	111989	14 90	01.04- 04.05	114163	12 1.1
		01.04-	112002	14 120 A47			
		01.04- 04.05	112075	14 70			
Ibiza Cupra R 1.9 TDi	[BPX]	01.04- 04.05	115482	14 90 A49			
		01.04- 04.05	115483	14 120 A49			
		03.04-	112002	14 120 A47	03.04- 10.04	112429	12 2.0
		03.04-	112079	14 90 A47	03.04-	113841	12 1.7
		03.04-	113340	14 70			
Ibiza FR 1.8 Turbo	[BJX]	03.04-	114789	14 90 A49			
		03.04-	115483	14 120 A49			
		03.04-	112002	14 120 A47	03.04- 10.04	112429	12 2.0
		03.04-	112079	14 90 A47	03.04-	113841	12 1.7
		03.04-	113340	14 70			
Ibiza Sportscoupe 1.2 TSI	[CBZA]	03.04-	114789	14 90 A49			
		03.04-	115483	14 120 A49			
		03.04-	112002	14 120 A47	03.04- 10.04	112429	12 2.0
Ibiza Sportscoupe 1.2 TDi	[CFWA]	03.04-	112079	14 90 A47	03.04-	113841	12 1.7
		03.04-	113340	14 70			
		03.04-	114789	14 90 A49			
Ibiza Sportscoupe 1.4 TSI	[CPTA]	03.04-	115483	14 120 A49			
		03.04-	114789	14 90 A49			
		03.04-	113340	14 70			
Ibiza Sportscoupe 1.6	[BTS]	03.04-	112079	14 90 A47			
		03.04-	113340	14 70			
		03.04-	114789	14 90 A49			
Ibiza Sportscoupe 1.9 TDi	[BLS]	03.04-	115483	14 120 A49			
		03.04-	115482	14 90 A49			
		03.04-	112075	14 70			
Ibiza Sportscoupe 2.0 TDi	[CFHD]	12.03-	111989	14 90	12.03-	112005	12 1.1
		12.03-	112075	14 70			
		12.03-	115482	14 90 A49			
Ibiza ST 1.4 TSI	[CAVF]	12.03-	111989	14 90	12.03-	112005	12 1.1
		12.03-	112075	14 70			
		12.03-	115482	14 90 A49			
Ibiza Sportscoupe 1.2 TSI	[CBZA]	08.12-	115765	14 140	08.12-	115401	12 2.2
		08.12-	116207*	14 110	08.12-	115612	12 1.2
					08.12-	114034	12 1.0
					A25 05.10-	115336	12 2.2
					10.13-	115337	12 2.0
Ibiza Sportscoupe 1.4 TSI	[CPTA]	10.13-	115916	14 140	10.13-	115337	12 2.0
Ibiza Sportscoupe 1.6	[BTS]	07.08-	114769	14 110	07.08-	115612	12 1.2
					07.08-	114034	12 1.0
Ibiza Sportscoupe 1.9 TDi	[BLS]	07.08-	114769	14 110	07.08-	115612	12 1.2
					07.08-	114034	12 1.0
Ibiza Sportscoupe 1.9 TDi	[BLS]	07.08- 06.10	112002	14 120 A47	07.08- 06.10	113842	12 1.7
		07.08- 06.10	112079	14 90 A47	07.08- 06.10	115508	12 1.7 A49
		07.08- 06.10	113340	14 70			
		07.08- 06.10	114789	14 90 A49			
		07.08- 06.10	115483	14 120 A49			
Ibiza Sportscoupe 2.0 TDi	[CFHD]	07.08- 06.10	115764	14 90			
		01.10-	113992	14 140	01.10-	113841	12 1.7
		01.10-	115370	14 110	A25 01.10-	115402	12 1.8
		01.10-	115433	14 140			
Ibiza ST 1.4 TSI	[CNUB]	02.12-	113861	14 110	02.12-	115612	12 1.2
		02.12-	114884	14 140			
		02.12-	113861	14 110	02.12-	115612	12 1.2
		02.12-	114884	14 140			
		10.13-	115916	14 140	10.13-	115612	12 1.2



	[CTHF]	02.12- 02.12-	113861 114884	14 110 14 140		02.12-	115612	12 1.2		
	[CTJB]	02.12- 02.12-	113861 114884	14 110 14 140		02.12-	115612	12 1.2		
Inca 1.4 16V	[AUA]	04.00- 04.00-	112273 112274	14 70 14 90		04.00-	112307	12 1.1		
Inca 1.4 i	[AEX]	11.95- 11.95- PS 11.95- PS 11.95-	111352 111479 111353 111477	14 70 14 90 14 70 14 90		11.95-	112307	12 1.1		
	[AKV]	09.97- 09.97- 09.97- PS 09.97- PS 09.97-	111352 111353 111479 111353 111477	14 70 14 70 14 90 14 70 14 90		11.95-	112307	12 1.1		
	[APO]	12.97- 06.03 PS 12.97- 06.03 PS 12.97- 06.03	111352 111353 111477	14 70 14 70 14 90		12.97- 06.03	112307	12 1.1		
	[AUD]	09.00- 09.00-	112273 112274	14 70 14 90		09.00- 06.03	112307	12 1.1		
	Inca 1.6 i	[1F]	11.95- 05.97 11.95- 05.97 AC 11.95- 05.97	111352 111479 111477	14 70 14 90 14 90		11.95- 05.97	111748	12 1.1	
		[AEE]	06.97- 06.97- 09.00 06.97- PS 06.97- AC 06.97- 09.00	111352 111353 111479 111353 111477	14 70 14 70 14 90 14 70 14 90		06.97- 09.00 06.97-	112307 111823	12 1.1 12 1.1	
		[ALM]	11.95- 05.98 11.95- 05.98 AC 11.95- 05.98	111352 111353 111477	14 70 14 70 14 90		11.95- 05.98	112307	12 1.1	
		Inca 1.7 Diesel	[AHB]	09.96- 09.00 09.96- 09.00	111828 111884	14 120 14 90		09.96- 09.00	112286	12 1.7
			[1Y]	11.95- 11.95-	111352 111477	14 70 14 90		11.95-	112286	12 1.7
		Inca 1.9 SDI	[AEY]	11.95- 11.95- AC 11.95-	111352 111477 111477	14 70 14 90 14 90		11.95-	112286	12 1.7
[AYQ]	09.00- 09.00- 09.00- 09.00- 09.00- 06.03		112002 112079 113340 114789 115483	14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A49		11.95-	112286	12 1.7		
[ALH]	09.96- 09.96- 09.96- 09.96-		111477 111884 112079 114789	14 90 14 90 14 90 14 90 A49		09.96- 09.96-	111900 115503	12 1.8 12 1.8 A49		
Leon 1.0 TSI	[CHZD]	05.15-	116193*	12 140		A25 05.15- A44 05.15- 05.15-	115818 116272* 115612	12 1.1 12 1.1 12 1.2		
Leon 1.2 TSI	[CBZB]	02.10- 02.10- 02.10-	115765 115767 116207*	14 140 14 140 14 110		02.10- 02.10- 02.10-	114175 115612 115645	12 1.1 12 1.2 12 2.0		
	[CJZA]	01.13-	115916	14 140		01.13-	115945	12 1.4		
	[CJZB]	12.12- 01.13- 01.13-	115916 116193* 116235*	14 140 12 140 12 140		01.13- A25 01.13- 01.13- 01.13-	115696 115560 115645 115945	12 1.1 12 1.7 12 2.0 12 1.4		
	[CYVA]	12.12- 01.13- 01.13-	115916 116193* 116235*	14 140 12 140 12 140		01.13- A25 01.13- 01.13- 12.12-	115696 115560 115645 115945	12 1.1 12 1.7 12 2.0 12 1.4		
	[CYVB]	04.14-	116193*	12 140		04.14- A25 04.14- 04.14- A50 04.14- DKG 04.14- 04.14- 04.14-	115945 115561 115645 116272* 115612 115696 115944	12 1.4 12 1.7 12 2.0 12 1.1 12 1.2 12 1.1 12 1.7		
	Leon 1.4 16V	[AHW]	12.99- 05.02 12.99- 05.02 AC 12.99- 05.02	112075 115482 111989	14 70 14 90 A49 14 90		11.99- 11.99-	111909 115504	12 1.1 12 1.1 A49	
		[APE]	11.99- 11.99- 11.99- AC 11.99-	111989 112075 115482 111989	14 90 14 70 14 90 A49 14 90		11.99- 11.99-	111909 115504	12 1.1 12 1.1 A49	
		[AUA]	11.99- 11.99-	111989 115482	14 90 14 90 A49		11.99- 11.99-	111909 115504	12 1.1 12 1.1 A49	
		[AXP]	06.00- 02.02 11.99-	115482 111989	14 90 A49 14 90		11.99- 11.99-	115504 111909	12 1.1 A49 12 1.1	
		[BCA]	02.02- 04.04 11.99-	115482 111989	14 90 A49 14 90		11.99- 02.04 11.99-	115504 111909	12 1.1 A49 12 1.1	
[BXW]		06.06-	113874	14 110		06.06-	114034	12 1.0		
[CGGB]		06.06-	113874	14 110		06.06-	114034	12 1.0		
Leon 1.4 TGI		[CPWA]	02.13- 02.13-	115916 116235*	14 140 12 140		02.13- 02.13- 02.13-	115944 115561 115818	12 1.7 12 1.7 12 1.1	
		[CAXC]	11.07- 11.07- 11.07-	113861 114884 115854	14 110 14 140 14 110		11.07- A44 11.07- A25 11.07-	114163 115337 115338	12 1.1 12 2.0 12 2.0	
Leon 1.4 TSI		[CHPA]	09.12- 10.16 09.12- 10.16 09.12- 10.16	115916 116193* 116235*	14 140 12 140 12 140		DKG 09.12- 10.16 A25 09.12- 10.16	115944 115818	12 1.7 12 1.1	
	[CMBA]	09.12- 10.16 09.12- 10.16 09.12- 10.16	115916 116193* 116235*	14 140 12 140 12 140		DKG 09.12- 10.16 09.12- 10.16	115944 115818	12 1.7 12 1.1		



Application list

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	[CPTA]	09.12- 10.16	115916	14 140	DKG 09.12- 10.16	115944	12 1.7	
		09.12- 10.16	116193*	12 140	A25 09.12- 10.16	115818	12 1.1	
		09.12- 10.16	116235*	12 140				
	[CXSA]	09.12- 10.16	115916	14 140	DKG 09.12- 10.16	115944	12 1.7	
		09.12- 10.16	116193*	12 140	09.12- 10.16	115818	12 1.1	
		09.12- 10.16	116235*	12 140				
	[CZCA]				05.14- 05.14-	115818	12 1.1	
						115944	12 1.7	
	[CZDA]	05.14-	116193*	12 140	A50 05.14- A25 05.14- 05.14-	115944 115818 115612	12 1.7 12 1.1 12 1.2	
	[CZEA]	05.14-	116193*	12 140	A25 05.14- A50 05.14- 05.14-	115818 115944 115612	12 1.1 12 1.7 12 1.2	
Leon 1.6	[AEH]	10.99- 10.99- 10.99-	111989 112075 115482	14 90 14 70 14 90 A49		10.99- 10.99- 111909 115504	12 1.1 12 1.1 A49	
	[AKL]	10.99- 10.99- 10.99-	111989 112075 115482	14 90 14 70 14 90 A49		10.99- 10.99- 111909 115504	12 1.1 12 1.1 A49	
	[APF]	11.99- 11.99- 11.99-	111989 112075 115482	14 90 14 70 14 90 A49		11.99- 11.99- 111909 115504	12 1.1 12 1.1 A49	
	[BFQ]	10.05- 06.06 10.05- 06.06 10.05- 06.06 10.05- 06.06	111989 112002 115482 115483	14 90 14 120 14 90 A49 14 120 A49		10.05- 06.06 10.05- 06.06 111909 115504	12 1.1 12 1.1 A49	
	[BSE]	09.05- 09.05- 09.05-	111989 113992 115482	14 90 14 140 14 90 A49		09.05- 113773	12 1.1	
	[BSF]	09.05-	113992	14 140		09.05-	113773	12 1.1
	[CCSA]	09.05-	113992	14 140		09.05-	113773	12 1.1
	[CMXA]	09.05-	113992	14 140		09.05-	113773	12 1.1
Leon 1.6 16V	[ATN]	09.00- 09.00- 09.00-	111989 112075 115482	14 90 14 70 14 90 A49		09.00- 09.00- 111909 115504	12 1.1 12 1.1 A49	
	[AUS]	06.00- 06.00- 04.01 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90		06.00- 04.01 11.99- 111909 115504	12 1.1 12 1.1 A49	
	[AZD]	06.00- 09.00- 04.02 11.99- AC 11.99-	111989 115482 112075 111989	14 90 14 90 A49 14 70 14 90		09.00- 04.02 11.99- 111909	12 1.1 12 1.1 A49	
	[BCB]	06.00- 09.00- 09.00- 04.02- 07.04 11.99- AC 11.99-	111989 112079 114789 115482 112075 111989	14 90 14 90 A47 14 90 A49 14 90 A49 14 70 14 90		11.99- 04.02- 07.04 111909 115504	12 1.1 12 1.1 A49	
Leon 1.6 LPG	[CHGA]	12.09-	113992	14 140				
Leon 1.6 MultiFuel	[CMXA]	11.10-	113992	14 140		11.10- 11.10-	114176 113773	12 1.0 12 1.1
Leon 1.6 TDi	[CAYB]	11.10-	113992	14 140		11.10- A25 11.10- 11.10-	115634 115336 114299	12 1.8 12 2.2 12 1.7
	[CAYC]	02.10-	115433	14 140		02.10- A25 02.10- AT 02.10- 02.10-	114299 115336 115376 115634	12 1.7 12 2.2 12 1.8 12 1.8
	[CLHA]	09.12- 10.16	116359*	14 140	DKG 09.12- 10.16 A25 11.12- A50 09.12- 10.16 09.12- 10.16	115634 115336 115336 115610	12 1.8 12 2.2 12 2.2 12 2.0	
	[CLHB]	11.12- 10.16	116359*	14 140	DKG 11.12- 10.16 A25 11.12- 10.16 A50 11.12- 10.16	115634 115336 115610	12 1.8 12 2.2 12 2.0	
	[CRKB]	09.13- 10.16 09.13- 10.16	114322 116359*	14 140 14 140	A25 09.13- 10.16 A50 09.13- 10.16 A25 09.13- 09.13- 10.16 09.13- 10.16 DKG 09.13- 10.16	116272* 115610 115336 115402 115945 115634	12 1.1 12 2.0 12 2.2 12 1.8 12 1.4 12 1.8	
	[CXXB]	09.13- 10.16 09.13- 10.16	114322 116359*	14 140 14 140	A25 09.13- 10.16 A25 09.13- 10.16 A25 09.13- 10.16 A50 09.13- 10.16 DKG 09.13- 10.16	116272* 115945 115402 115610 115634	12 1.1 12 1.4 12 1.8 12 2.0 12 1.8	
	[DBKA]	09.13- 10.16 09.13- 10.16	114322 116359*	14 140 14 140	DKG 09.13- 10.16 A25 09.13- 10.16 09.13- 10.16 09.13- 10.16 A50 09.13- 10.16	115634 115402 115945 116272* 115610	12 1.8 12 1.8 12 1.4 12 1.1 12 2.0	
	[DDYA]	11.16- 11.16- 11.16-	114322 115826 116359*	14 140 14 140 A49 14 140		A25 11.16- AT 11.16- A25 11.16-	115336 115634 115610	12 2.2 12 1.8 12 2.0
Leon 1.8 20V	[AGN]	10.99- 10.99- 10.99- 11.99- 11.99-	111989 112075 115482 112002 115483	14 90 14 70 14 90 A49 14 120 A47 14 120 A49		AT 10.99- 10.99- 10.99- 111909 112005 115504	12 1.1 12 1.1 A49	
	[APG]	11.99- 11.99- 12.99- 07.04 12.99- 07.04	111989 112002 115482 115483	14 90 14 120 A47 14 90 A49 14 120 A49		11.99- 10.99- 12.99- 07.04 111909 112005 115504	12 1.1 12 1.1 A49	



Leon 1.8 TFSI	[CJSA]	02.13-	116387*		A50	02.13-	115944	12	1.7					
					A25	02.13-	115818	12	1.1					
					A44	02.13-	115561	12	1.7					
						02.13- 02.13-	115561 115612	12	1.7 1.2					
Leon 1.8 TSI	[BZB]	06.07-	114722	14 140		06.07-	114163	12	1.1					
	[CDA A]	06.07-	114722	14 140		06.07-	114163	12	1.1					
Leon 1.8 Turbo 20V	[AUQ]	09.00-	115483	14 120 A49		Chas. -	09.00- 07.01	112429	12	2.0				
						1M..2..020 000								
							11.99-	111909	12	1.1				
							11.99-	111989	14	90				
		11.99-	112002	14 120 A47		09.00- 04.04	115504	12	1.1 A49					
Leon 1.8 Turbo 20V 4 Syncro	[AJQ]	03.00- 01.01	115482	14 90 A49			03.00- 01.01	115504	12	1.1 A49				
							10.99-	111989	14	90				
							10.99-	112075	14	70				
						AT	10.99-	111909	12	1.1				
		[ARY]	09.00- 04.04	115482	14 90 A49		11.99-	114174	12	1.1				
			09.00- 04.04	115483	14 120 A49		09.00- 04.04	115504	12	1.1 A49				
		10.99-	111989	14 90		AT	10.99-	111909	12	1.1				
		10.99-	112075	14 70		11.99-	112429	12	2.0					
		11.99-	112002	14 120 A47		10.99-	112005	12	1.1					
Leon 1.8 Turbo	[APP]	10.99-	111989	14 90		AT	10.99-	111909	12	1.1				
							10.99-	112075	14	70				
							10.99-	115482	14 90 A49		10.99-	115504	12	1.1 A49
							11.99-	112002	14 120 A47					
							12.99-	115483	14 120 A49					
Leon 1.9 SDi	[AQM]	11.99-	112002	14 120 A47		Chas. -	12.99- 07.01	112286	12	1.7				
						1M..2..020 000								
							11.99-	112079	14	90 A47				
							11.99-	114789	14	90 A49				
		11.99- 10.03	115483	14 120 A49										
Leon 1.9 TDi	[AGR]	11.99-	112002	14 120 A47			10.99-	111900	12	1.8				
							12.99- 09.02	115503	12	1.8 A49				
							11.99-	112079	14	90 A47				
							11.99-	113340	14	70				
							11.99-	114789	14 90 A49					
		12.99- 09.02	115483	14 120 A49										
		[AHF]	10.99-	115483	14 120 A49		10.99-	115503	12	1.8 A49				
			11.99-	112002	14 120 A47		10.99-	111900	12	1.8				
		[ALH]	10.99-	113340	14 70		10.99-	111900	12	1.8				
			10.99-	115483	14 120 A49		10.99-	115503	12	1.8 A49				
			11.99-	112002	14 120 A47		AT	10.99-	112286	12	1.7			
			11.99-	112079	14 90 A47									
			11.99-	114789	14 90 A49									
		[ARL]	09.00- 07.04	115483	14 120 A49		09.00- 07.04	112429	12	2.0				
			02.01-	112002	14 120 A47									
			02.01-	112079	14 90 A47									
		[ASV]	10.99-	115483	14 120 A49		10.99-	111900	12	1.8				
			11.99-	112002	14 120 A47		10.99-	115503	12	1.8 A49				
			11.99-	112079	14 90 A47									
			11.99-	114789	14 90 A49									
		[ASZ]	05.03-	112002	14 120 A47		05.03- 07.04	112429	12	2.0				
			05.03-	112079	14 90 A47									
			05.03-	114789	14 90 A49									
			05.03- 07.04	115483	14 120 A49									
		[AXR]	10.05-	112002	14 120 A47		10.05-	111900	12	1.8				
			10.05-	112079	14 90 A47		10.05-	115503	12	1.8 A49				
			10.05-	114789	14 90 A49									
			10.05-	115483	14 120 A49									
		[BKC]	09.05-	113992	14 140		09.05-	113842	12	1.7				
			09.05-	115370	14 110		09.05-	115508	12	1.7 A49				
		[BLS]	09.05-	113992	14 140		AT7S	09.05-	115376	12	1.8			
			09.05-	115370	14 110			09.05-	115508	12	1.7 A49			
						09.05-	113842	12	1.7					
	[BXE]	09.05-	113992	14 140		09.05-	113842	12	1.7					
		09.05-	115370	14 110		09.05-	115508	12	1.7 A49					
	[BXF]	06.07-	113992	14 140		06.07-	113842	12	1.7					
		06.07-	115370	14 110		06.07-	115508	12	1.7 A49					
Leon 1.9 TDi Syncro	[ARL]	05.02-	112002	14 120 A47			05.02- 07.04	112429	12	2.0				
							05.02-	112079	14 90 A47					
							05.02-	114789	14 90 A49					
		05.02- 07.04	115483	14 120 A49										
Leon 2.0 Cupra	[CJXA]	10.13-	116387*			AT	10.13-	115900	12	1.1				
						A25	10.13-	115560	12	1.7				
							10.13-	115561	12	1.7				
						A44	10.13-	115561	12	1.7				
							10.13-	115696	12	1.1				
		[CJXC]	11.16-	116386*			11.16-	115900	12	1.1				
							A25	11.16-	115560	12	1.7			
							A44	11.16-	115561	12	1.7			
		[CJXE]					A25	10.13-	115561	12	1.7			
							10.13-	115900	12	1.1				
	[CJXH]	09.15- 10.16	116387*			A25	09.15- 10.16	115402	12	1.8				
						A25	09.15- 10.16	115560	12	1.7				
						A44	09.15- 10.16	115561	12	1.7				
						AT	09.15- 10.16	115900	12	1.1				
						10.15-	115561	12	1.7					
						09.15- 10.16	115696	12	1.1					
						10.15-	115900	12	1.1					
Leon 2.0 Cupra 4Drive	[CJXC]	11.16-	116386*			AT	11.16-	115900	12	1.1				
						A25	11.16-	115560	12	1.7				
						A44	11.16-	115561	12	1.7				
							11.16-	115696	12	1.1				
Leon 2.0 FSI	[BLR]	09.05-	113992	14 140			09.05-	114163	12	1.1				
							09.05-	113773	12	1.1				
		[BLY]	09.05-	113992	14 140		09.05-	114163	12	1.1				
							09.05-	113773	12	1.1				



Application list

SEAT Continued

	[BVY]	09.05-	113992	14 140		11.05- 09.05-	114163 113773	12 1.1 12 1.1
	[BVZ]	09.05-	113992	14 140		09.05- 09.05-	114163 113773	12 1.1 12 1.1
Leon 2.0 TFSI	[BWA]	09.05-	113992	14 140		AT 09.05- 09.05-	115333 113773	12 1.0 12 1.1
	[BWJ]	11.06-	113992	14 140		11.06-	113773	12 1.1
	[CCZB]	06.09-	114722	14 140		06.09-	115900	12 1.1
	[CDLA]	09.09-	113992	14 140				
	[CDLD]	11.06-	113992	14 140		11.06-	113773	12 1.1
Leon 2.0 TDi 16V	[BKD]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05- AT 09.05-	113841 115311 113509	12 1.7 12 2.0 12 1.7
	[CFHC]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05- AT 09.05-	113841 115311 113509	12 1.7 12 2.0 12 1.7
	[CLCB]	09.05- 09.05-	113992 115370	14 140 14 110		09.05- 09.05- AT 09.05-	113841 115311 113509	12 1.7 12 2.0 12 1.7
Leon 2.0 TDi	[AZV]	10.05- 10.05-	113992 115370	14 140 14 110				
	[BMM]	10.05- 10.05-	113992 115370	14 140 14 110		10.05-	113841	12 1.7
	[BMN]	02.06- 02.06-	113992 115370	14 140 14 110		02.06-	113841	12 1.7
	[CEGA]	02.06- 02.06-	113992 115370	14 140 14 110		02.06-	113841	12 1.7
	[CFJA]	02.06- 02.06-	113992 115370	14 140 14 110		02.06-	113841	12 1.7
	[CKFC]	10.12- 10.12-	114322 116359*	14 140 14 140		A50 10.12- DKG 10.12- A25 10.12-	116156 115634 115402	12 2.0 12 1.8 12 1.8
	[CRBC]	04.13- 04.13-	114322 116359*	14 140 14 140		DKG 04.13- A25 04.13- A50 04.13-	115634 115402 116156	12 1.8 12 1.8 12 2.0
	[CRLB]	04.13- 04.13-	114322 116359*	14 140 14 140		DKG 04.13- A25 04.13- A50 04.13-	115634 115402 116156	12 1.8 12 1.8 12 2.0
	[CRMB]	10.12- 10.12-	114322 116359*	14 140 14 140		A50 10.12- DKG 10.12- A25 10.12-	116156 115634 115402	12 2.0 12 1.8 12 1.8
	[CRVA]					A25 05.13- 05.13-	115402 115634	12 1.8 12 1.8
	[CRVC]					05.13-	115402	12 1.8
	[CUNA]	02.13-	116359*	14 140		A25 09.12- A50 02.13-	115402 116156	12 1.8 12 2.0
	[CUPA]	02.13-	116359*	14 140		A25 09.12- A50 02.13-	115402 116156	12 1.8 12 2.0
Leon 2.0 TDi 4Drive	[CRBC]	09.14- 09.14-	114322 116359*	14 140 14 140		A50 09.14- A25 09.14- AT 09.14-	116156 115402 115638	12 2.0 12 1.8 12 1.7
	[CRLB]	09.14- 09.14-	114322 116359*	14 140 14 140		AT 09.14- A25 09.14- A50 09.14-	115638 115402 116156	12 1.7 12 1.8 12 2.0
	[CUNA]	10.14-	116359*	14 140		A50 10.14- A25 10.14-	116156 115402	12 2.0 12 1.8
Leon Cupra 2.0	[CJXC]	01.17-	116386*			01.17- A25 01.17- 01.17-	115900 115560 115561	12 1.1 12 1.7 12 1.7
Leon Cupra 4 2.8 Cupra 4	[AUE]	02.01- 02.01- 02.01- 02.01-	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		02.01-	112429	12 2.0
Leon Cupra R 1.8 Turbo Cupra R	[AMK]	02.02- 05.02- 05.03 05.02- 05.03 05.02- 05.03	112002 111989 115482 115483	14 120 A47 14 90 14 90 A49 14 120 A49		02.02-	114174	12 1.1
	[BAM]	05.03- 05.03- 05.03- 07.03-	111989 115482 115483 112002	14 90 14 90 A49 14 120 A49 14 120 A47		07.03-	114174	12 1.1
Leon Cupra R 2.0	[CJXG]					11.17-	115561	12 1.7
Leon SC 1.2 TSI	[CJZA]	02.13-	115916	14 140		02.13-	115945	12 1.4
	[CJZB]	01.13-	115916	14 140		01.13-	115945	12 1.4
	[CYVA]	01.13-	115916	14 140		01.13-	115945	12 1.4
	[CYVB]					05.14-	115944	12 1.7
Leon SC 1.4 TSI	[CHPA]	02.13-	115916	14 140		02.13-	115818	12 1.1
	[CMBA]	02.13-	115916	14 140		02.13-	115818	12 1.1
	[CPTA]	02.13-	115916	14 140		02.13-	115818	12 1.1
	[CXSA]	02.13-	115916	14 140		02.13-	115818	12 1.1
	[CZCA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7
	[CZEA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7
Leon SC 1.6 TDi	[CLHA]					A50 02.13- DKG 02.13-	115610 115634	12 2.0 12 1.8
	[CLHB]					A25 02.13- A50 02.13- DKG 02.13-	115336 115610 115634	12 2.2 12 2.0 12 1.8
	[CRKB]					A25 09.13- A50 09.13- DKG 09.13-	115336 115610 115634	12 2.2 12 2.0 12 1.8
	[DDYA]	11.16- 11.16-	115826 116359*	14 140 A49 14 140		A25 11.16- A25 11.16-	115610 115336	12 2.0 12 2.2
Leon SC 1.8 TFSI	[CJSA]					02.13- 02.13-	115561 115944	12 1.7 12 1.7



Leon SC 2.0 Cupra	[CJXA]				A25	10.13- 10.13-	115561 115900	12 1.7 12 1.1
	[CJXE]				A25	10.13- 10.13-	115561 115900	12 1.7 12 1.1
	[CJXH]					10.15- 10.15- 10.15- 10.15-	115402 115561 115696 115900	12 1.8 12 1.7 12 1.1 12 1.1
	[CKFC]				A25	02.13- 02.13-	115402 115634	12 1.8 12 1.8
Leon SC 2.0 TDI	[CRMB]				A25	02.13- 02.13-	115402 115634	12 1.8 12 1.8
	[CRVA]					02.13-	115634	12 1.8
	[CRVC]					05.13-	115402	12 1.8
	[CUNA]				A25	03.13- 03.13-	115402 115634	12 1.8 12 1.8
	[CUPA]				A25	03.13- 03.13-	115402 115634	12 1.8 12 1.8
	[CJZA]	08.13-	115916	14 140		08.13-	115945	12 1.4
Leon ST 1.2 TSI	[CJZB]	11.13-	115916	14 140		11.13-	115945	12 1.4
	[CYVA]	11.13-	115916	14 140		11.13-	115945	12 1.4
	[CYVB]					05.14-	115944	12 1.7
	[CPWA]					10.13- 10.13-	115818 115944	12 1.1 12 1.7
Leon ST 1.4 TSI	[CHPA]	10.13-	115916	14 140		10.13-	115818	12 1.1
	[CMBA]	10.13-	115916	14 140		10.13-	115818	12 1.1
	[CPTA]	10.13-	115916	14 140	DKG	10.13-	115818	12 1.1
	[CXSA]	10.13-	115916	14 140		10.13-	115818	12 1.1
	[CZCA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7
	[CZEA]					05.14- 05.14-	115818 115944	12 1.1 12 1.7
	[CLHA]					10.13-	115336	12 2.2
Leon ST 1.6 TDI	[CLHB]					11.13-	115336	12 2.2
	[CRKB]				A25	09.13-	115336	12 2.2
					A50	09.13-	115610	12 2.0
						09.13-	115634	12 1.8
	[DDYA]	11.16- 11.16-	115826 116359*	14 140 A49 14 140	A25	11.16- 11.16-	115610 115336 115634	12 2.0 12 2.2 12 1.8
	[CLHA]				A25	04.14- 04.14-	115402 115634	12 1.8 12 1.8
Leon ST 1.6 TDI 4Drive	[CRKB]					11.14-	115634	12 1.8
	[CJSA]				A50	10.13- 10.13-	115561 115944	12 1.7 12 1.7
Leon ST 1.8 TFSI	[CJSA]				11.14-	115561	12 1.7	
Leon ST 1.8 TSI 4Drive	[CJSA]					11.14-	115561	12 1.7
Leon ST 2.0	[CJXC]	11.16-	116386*		A25	11.16- 11.16-	115561 115610	12 1.7 12 1.7
Leon ST 2.0 4Drive	[CJXC]	11.16-	116386*		A25	11.16- 11.16- 11.16- 11.16-	116156 115539 115560 115561	12 2.0 12 2.0 12 1.7 12 1.7
	[CJXA]					10.13-	115561	12 1.7
	[CJXE]					10.13-	115900	12 1.1
	[CJXH]					10.15- 10.15- 10.15- 10.15-	115402 115561 115696 115900	12 1.8 12 1.7 12 1.1 12 1.1
Leon ST 2.0 TDI	[CKFC]					10.13- 10.13-	115402 115634	12 1.8 12 1.8
	[CRBC]					10.13-	115402	12 1.8
	[CRLB]					10.13- 10.13-	115634 115634	12 1.8 12 1.8
	[CRMB]					10.13- 10.13-	115402 115634	12 1.8 12 1.8
	[CRVA]					11.13-	115634	12 1.8
	[CRVC]					10.13-	114502	12 1.2
	[CUNA]				A25	08.13- 08.13-	115402 115634	12 1.8 12 1.8
	[CUPA]				A25	08.13-	115402	12 1.8
	[CRBC]					04.14- 04.14-	115402 115944	12 1.8 12 1.7
	[CRLB]					04.14- 04.14-	115402 115634	12 1.8 12 1.8
	[CRMB]				A25	04.14- 04.14- 04.14-	115402 115634 115944	12 1.8 12 1.8 12 1.7
[CUNA]					11.14-	115402	12 1.8	
Malaga 1.2	[021A.1000]	05.85- 08.85	110358	14 55		05.85- 12.93	110365	12 0.8
Malaga 1.2 i	[021C.1000]	09.85- 12.93	110912	14 55		12.89- 12.93	110365	12 0.8
Malaga 1.5	[021A.2000]	05.85- 08.85	110358	14 55		05.85- 12.93	110365	12 0.8
Malaga 1.5 i	[021A.2000]					10.86- 12.93	110365	12 0.8
	[021B.2000]					01.87- 12.93	110365	12 0.8
	[021C.2000]					10.86- 12.93	110365	12 0.8
	[021D.2000]	09.85- 12.93	110912	14 55		10.86- 12.93	110365	12 0.8
Malaga 1.7 Diesel	[022A.5000]	05.85- 12.93	110912	14 55				
Marbella 0.8	[08NCA]	08.86- 12.93	111078	14 45		08.86- 12.93	110365	12 0.8
Marbella 0.9	[08NCB]					11.96- 10.98	110365	12 0.8
	[09NCA]	01.87- 12.93	111078	14 45		01.87- 12.93	110365	12 0.8
	[09NCB]	01.87- 02.97	111078	14 45		01.87- 02.97	110365	12 0.8
Mii 1.0	[CHYA]	10.11- A25 10.11-	115695 116232*	14 110 14 110		10.11-	115696	12 1.1
	[CHYB]	10.11- A25 10.11-	115695 116232*	14 110 14 110		10.11-	115696	12 1.1



[CLNA]	07.12-	113992	14 140		07.12-	114299	12 1.7
	07.12-	115370	14 110		A25 07.12-	115336	12 2.2
	07.12-	115433	14 140		07.12-	115944	12 1.7
[CXMA]	05.15-	115826	14 140		A25 05.15-	115336	12 2.2
	05.15-	116359*	14 140				
Toledo 1.8 16V	[KR]	05.91- 11.92	112750	14 90	05.91- 11.92	111748	12 1.1
	[PL]	05.91- 03.94	112750	14 90	05.91- 03.94	111748	12 1.1
Toledo 1.8 20V	[AGN]	04.99-	111989	14 90	AT 04.99-	111909	12 1.1
		04.99-	112075	14 70	04.99-	112005	12 1.1
		04.99- 05.06	115482	14 90 A49	04.99- 05.06	115504	12 1.1 A49
	[APG]	04.99- 05.06	111989	14 90	04.99- 05.06	111909	12 1.1
		04.99- 05.06	112002	14 120 A47	05.99- 05.06	115504	12 1.1 A49
		05.99- 05.06	115482	14 90 A49			
Toledo 1.8 i	[ABS]	11.93- 07.94	111352	14 70	11.93- 07.94	111748	12 1.1
		11.93- 07.94	111477	14 90			
		11.93- 07.94	111479	14 90			
	[ADZ]	07.94- 12.96	111352	14 70	07.94- 12.96	111748	12 1.1
		07.94- 12.96	111477	14 90			
		07.94- 12.96	111479	14 90			
[RP]	Chas. ZD304851-	10.93- 12.96	111352	14 70	05.91- 12.96	111748	12 1.1
	Chas. ZD304851-	10.93- 12.96	111479	14 90			
	Chas. -ZD304850	05.91- 10.93	112149	14 65			
	AC, Chas. ZD304851-	10.93- 12.96	111477	14 90			
Toledo 1.8 TFSi	[BYT]	01.07-	114722	14 140	01.07- 06.07	114163	12 1.1
	[BZB]	01.07-	114722	14 140	01.07-	114163	12 1.1
	[CDA]	01.07-	114722	14 140	01.07-	114163	12 1.1
Toledo 1.8 Turbo 20V	[APP]	05.01- 05.06	111989	14 90	05.01- 05.06	112429	12 2.0
		05.01- 05.06	112002	14 120 A47	05.01- 05.06	114174	12 1.1
		05.01- 05.06	115482	14 90 A49			
		05.01- 05.06	115483	14 120 A49			
	[AUO]	05.01-	111989	14 90	Chas. -1M-2-020000 05.01-	112429	12 2.0
		05.01-	112002	14 120 A47	05.01- 05.06	114174	12 1.1
Toledo 1.9 Diesel	[1Y]	05.91- 10.93	111154	14 65	05.91- 10.98	112286	12 1.7
		10.93- 10.98	111352	14 70			
		10.93- 10.98	111479	14 90			
		AC 10.93- 10.98	111477	14 90			
Toledo 1.9 SDi	[ACM]	11.99- 06.04	112002	14 120 A47	11.99- 06.04	112286	12 1.7
		11.99- 06.04	112079	14 90 A47			
		11.99- 06.04	113340	14 70			
		11.99- 06.04	114789	14 90 A49			
		11.99- 06.04	115483	14 120 A49			
Toledo 1.9 TD	[AAZ]	05.91- 10.93	111154	14 65	05.91- 04.97	112286	12 1.7
		10.93- 04.97	111352	14 70			
		10.93- 04.97	111479	14 90			
		AC 10.93- 04.97	111477	14 90			
Toledo 1.9 TDi	[1Z]	08.95-	111828	14 120	11.94- 10.98	115503	12 1.8 A49
					08.95-	111900	12 1.8
	[AFN]	11.96- 03.99	111828	14 120	11.96-	111694	12 1.8
		11.96- 06.98	111884	14 90	11.96-	111900	12 1.8
		11.96- 03.99	111988	14 120	11.96- 03.99	115503	12 1.8 A49
	[AGR]	04.99- 05.06	112002	14 120 A47	04.99- 05.06	111900	12 1.8
		04.99- 05.06	112079	14 90 A47	AT 04.99- 09.02	112286	12 1.7
		04.99- 05.06	114789	14 90 A49	04.99- 05.06	115503	12 1.8 A49
		04.99- 05.06	115483	14 120 A49			
	[AHF]	04.99-	112002	14 120 A47	04.99-	111900	12 1.8
		04.99-	112079	14 90 A47	AT 04.99-	112286	12 1.7
		04.99-	113340	14 70	04.99- 09.02	115503	12 1.8 A49
		04.99- 05.06	114789	14 90 A49			
		04.99- 09.02	115483	14 120 A49			
	[AHU]	06.96-	111828	14 120	06.96-	111900	12 1.8
		06.96-	111884	14 90	08.96- 10.98	115503	12 1.8 A49
		06.96-	111988	14 120			
	[ALH]	04.99- 05.06	112002	14 120 A47	04.99- 05.06	111900	12 1.8
		04.99- 05.06	112079	14 90 A47	AT 04.99- 07.04	112286	12 1.7
		04.99- 05.06	114789	14 90 A49	04.99- 05.06	115503	12 1.8 A49
		04.99- 05.06	115483	14 120 A49			
	[ARL]	10.00- 05.06	112002	14 120 A47	10.00- 07.04	112429	12 2.0
		10.00- 05.06	112079	14 90 A47			
		10.00- 05.06	114789	14 90			
		10.00- 05.06	115483	14 120 A49			
	[ASV]	04.99- 05.06	112002	14 120	04.99- 05.06	111900	12 1.8
		04.99- 05.06	112079	14 90	05.99- 12.03	115503	12 1.8 A49
		04.99- 05.06	113340	14 70			
		04.99- 05.06	114789	14 90 A49			
		05.99- 12.03	115483	14 120 A49			
	[ASZ]	05.03- 05.06	112002	14 120 A47	05.03- 07.04	112429	12 2.0
		05.03- 05.06	112079	14 90 A47			
		05.03- 05.06	114789	14 90 A49			
	05.03- 05.06	115483	14 120 A49				
[BJB]	10.04-	113992	14 140	10.04-	113842	12 1.7	
	10.04-	115370	14 110	10.04-	115508	12 1.7 A49	
[BKC]	10.04-	113992	14 140	10.04-	113842	12 1.7	
	10.04-	115370	14 110	10.04-	115508	12 1.7 A49	
[BLS]	10.05-	113992	14 140	10.05-	113842	12 1.7	
	10.05-	115370	14 110	10.05-	115508	12 1.7 A49	
[BXE]	02.06-	113992	14 140	02.06-	113842	12 1.7	
	02.06-	115370	14 110	02.06-	115508	12 1.7 A49	
Toledo 2.0 FSi	[BLR]	10.04-	113992	14 140	10.04-	114163	12 1.1
					AT 10.04-	113773	12 1.1
	[BLY]	10.04-	113992	14 140	10.04-	114163	12 1.1
					AT 10.04-	113773	12 1.1
	[BVY]	11.05-	113992	14 140	11.05-	114163	12 1.1
	[BVZ]	11.05- 05.06	113992	14 140	11.05- 05.06	114163	12 1.1



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Toledo 2.0 i 16V	[ABF]	11.93-	111353	14 70	11.93-	111749	12 1.1			
		11.93-	111477	14 90						
Toledo 2.0 i	[2E]	05.91- 10.93	112149	14 65	05.91- 06.96	111748	12 1.1			
		10.93- 06.96	111352	14 70						
		10.93- 06.96	111479	14 90						
	[AGG]	AC 10.93- 06.96	111477	14 90	03.96- 03.99	111748	12 1.1			
		03.96- 10.98	111352	14 70						
		03.96- 10.98	111479	14 90						
Toledo 2.0 TFSi	[BWA]	AC 03.96- 10.98	111477	14 90	11.05- 02.06	115333	12 1.0			
		11.05- 02.06	113992	14 140				11.05- 02.06	113773	12 1.1
Toledo 2.0 TDi	[AZV]	09.04-	113992	14 140						
		09.04-	115370	14 110						
	[BKD]	10.04-	113992	14 140				AT 10.04-	113509	12 1.7
		10.04-	115370	14 110						
	[BMM]	01.06-	113992	14 140						
		01.06-	115370	14 110						
	[BMN]	01.06-	113992	14 140				01.06-	113841	12 1.7
		01.06-	115370	14 110						
	[CEGA]	01.06-	113992	14 140				01.06-	113841	12 1.7
		01.06-	115370	14 110						
Toledo 2.3 V5	[AGZ]	10.98- 11.00	115483	14 120 A49	04.99- 05.01	114160	12 1.8			
		04.99-	112002	14 120 A47				AT 04.99-	112286	12 1.7
		04.99-	112079	14 90 A47						
		04.99-	113340	14 70						
		04.99- 05.01	114789	14 90 A49						
	05.01-	112002	14 120 A47	AT 05.01-	112286	12 1.7				
	05.01-	112079	14 90 A47				05.01- 05.06	114160	12 1.8	
	05.01-	113340	14 70							
	05.01- 05.06	114789	14 90 A49							
	05.01- 05.06	115483	14 120 A49							
Various Models					05.72-	110365				12 0.8
		Sennebogen								
		INDUSTRI								
		Various Models						116139	12 3.0 A49	
					01.63- 12.65	110409	12 3.0			
					09.82- 06.90	110536	12 2.7			
						116312	12 2.7 BO			
Setra										
TRUCKS EU										
ComfortClass S 511 HD 10.7	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 515 HD 10.7	[OM470.906]	08.16-	116291	28 100 DR						
	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 515 HDH 10.7	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 515 MD 10.7	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 516 HD 10.7	[OM470.906]	08.16-	116291	28 100 DR						
	[OM470.908]	01.12-	116291	28 100 DR						
ComfortClass S 516 HD ComfortClass S 516 HD/2 10.7	[OM470.906]	08.16-	116291	28 100 DR						
ComfortClass S 516 HDH 10.7	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 516 MD 10.7	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 517 HD 10.7	[OM470.906]	08.16-	116291	28 100 DR						
	[OM470.908]	01.14-	116291	28 100 DR						
ComfortClass S 519 HD 10.7	[OM470.908]	01.14-	116291	28 100 DR						
MultiClass S 415 H 10.7	[OM470.908]	08.16-	116291	28 100 DR						
	[OM470.910]	08.16-	116291	28 100 DR						
MultiClass S 416 H 10.7	[OM470.908]	08.16-	116291	28 100 DR						
	[OM470.910]	08.16-	116291	28 100 DR						
MultiClass S 417 UL 10.7	[OM470.908]	08.16-	116291	28 100 DR						
	[OM470.910]	08.16-	116291	28 100 DR						
MultiClass S 418 LE MultiClass S 418 LE business 10.7	[OM470.908]	08.16-	116291	28 100 DR						
	[OM470.910]	08.16-	116291	28 100 DR						
MultiClass S 419 UL 10.7	[OM470.908]	08.16-	116291	28 100 DR						
	[OM470.910]	08.16-	116291	28 100 DR						
S 200 16.0		01.73-	111629	28 120						
S 208 5.7		01.79-	111629	28 120						
S 210 11.0		01.83-	111629	28 120						
S 215 HD 12.8	[OM402.925]	01.77-	111629	28 120						
S 313 12.0		09.91- 02.02	111833	28 140 w/ bushing in rear brackethole						
		09.91- 02.02	116063	28 140 w/o bushing in rear brackethole						
S 315 12.0		09.91- 02.02	116063	28 140 w/o bushing in rear brackethole						
		09.91- 02.02	111833	28 140 w/ bushing in rear brackethole						
S 315 14.6	[OM446.930]	09.91- 02.02	111833	28 140 w/ bushing in rear brackethole	09.91- 02.02	110206	24 5.4			
		09.91- 02.02	116063	28 140 w/o bushing in rear brackethole						
S 317 14.6	[OM442.980]	09.91- 02.02	111833	28 140 w/ bushing in rear brackethole						
		09.91- 02.02	116063	28 140 w/o bushing in rear brackethole						
S 321 12.0		09.91- 02.02	116063	28 140 w/o bushing in rear brackethole						
		09.91- 02.02	111833	28 140 w/ bushing in rear brackethole						
S 328 14.6		09.91- 02.02	116063	28 140 w/o bushing in rear brackethole						
		09.91- 02.02	111833	28 140 w/ bushing in rear brackethole						
S 416 HDH 12.0	[OM457.944]				01.03-	113608	24 6.2			
					01.03-	113608	24 6.2			
					01.03-	113608	24 6.2			
					01.03-	113608	24 6.2			
Sisu										
AGRICULTURE										
SK 150 6.6	[611 CSBA]				09.81- 12.95	113484	24 4.0			
Ski-Doo										
MISCELLANEOUS										
Various Models						113681	12 0.6			
Skoda										
PASSENGER CARS EU										
105 1.0	[742.1]	08.76- 12.90	110542	14 55						
110 1.1 L		12.69- 03.82	110542	14 55						
110 1.1 LS	[OHV]	07.70- 03.82	110542	14 55						
110 1.1 R	[OHV]	07.70- 03.82	110542	14 55						



120 1.2	[742.12]	10.83- 12.90	110542	14 55				
	[742.12 X]	08.76- 12.90	110542	14 55				
120 1.2 GLS	[742.12 X]	01.83- 12.90	110542	14 55				
120 1.2 L	[742.12]	08.87- 12.90	110542	14 55				
120 1.2 LS	[742.12 X]	08.76- 12.90	110542	14 55				
130 1.3	[135/8]	05.88- 10.91	110542	14 55				
	[742.13]	02.85- 10.91	110542	14 55				
Citigo 1.0	[CHYA]	10.11-	115695	14 110	A25 10.11-	115560	12 1.7	
		A25 10.11-	116232*	14 110	10.11-	115696	12 1.1	
	[CHYB]	10.11-	115695	14 110	A25 10.11-	115560	12 1.7	
		A25 10.11-	116232*	14 110	10.11-	115696	12 1.1	
Citigo 1.0 CNG	[CPGA]	A25 11.12-	116232*	14 110				
Fabia 1.0	[AOV]	09.99- 08.02	112419	14 70	12.99-	112388	12 1.0	
		09.99- 08.02	115483	14 120 A49				
		12.99- 08.02	112002	14 120 A47				
	[ARV]	12.99-	112002	14 120 ▲	12.99-	112388	12 1.0	
		12.99-	112274	14 90				
		12.99- 12.04	115483	14 120 A49				
	[ATY]	12.99-	112002	14 120 ▲	12.99- 08.02	112388	12 1.0	
		12.99-	112274	14 90				
		12.99- 08.02	115483	14 120 A49				
		[CHYA]				08.14-	115560	12 1.7
	[CHYB]				08.14-	115560	12 1.7	
Fabia 1.0 TSI	[CHZB]				05.17-	115560	12 1.7	
					05.17-	115944	12 1.7	
				05.17-	116272*	12 1.1		
	[DKLD]				05.17-	115560	12 1.7	
					05.17-	115944	12 1.7	
					05.17-	116272*	12 1.1	
Fabia 1.2	[AWY]	08.02- 05.04	113253	14 90	08.02- 05.04	113515	12 0.9	
		Chas. 6Y-3-765553- 07.01-	113253	14 90				
		Chas. -6Y-3-765552 07.01-	113253	14 90 ▲				
		Chas. 6Y-3-765553- 01.03-	113253	14 90	01.03-	113515	12 0.9	
	[BBM]	03.07-	113253	14 90	03.07-	114034	12 1.0	
	[BMD]	05.04-	113253	14 90	Chas. -6Y..5..240000 08.02- 10.04	113515	12 0.9	
	[BME]				01.03-	113515	12 0.9	
	[BZG]	03.07-	113253	14 90	03.07-	114034	12 1.0	
	[CEVA]	03.07-	113253	14 90	03.07-	114034	12 1.0	
	[CGPA]	03.07-	113253	14 90	03.07-	114034	12 1.0	
	[CHFA]	03.07-	113253	14 90	03.07-	114034	12 1.0	
	[CHTA]	03.07-	113253	14 90	03.07-	114034	12 1.0	
	Fabia 1.2 Praktik	[AWY]	08.02- 05.04	113253	14 90	08.02- 05.04	113515	12 0.9
[BMD]		05.04-	113253	14 90	Chas. -6Y..5..240000 05.04- 10.04	113515	12 0.9	
Fabia 1.2 16V	[CGPB]	11.11-	113253	14 90	A25 11.11-	115401	12 2.2	
					11.11-	114034	12 1.0	
Fabia 1.2 TSi	[CBZA]	03.10-	115765	14 140	A25 03.10-	115401	12 2.2	
		03.10-	116207*	14 110				
	[CBZB]	03.10-	115765	14 140	A25 03.10-	115401	12 2.2	
		03.10-	116207*	14 110	AT 03.10-	115611	12 1.1	
	[CJZC]				08.14-	115560	12 1.7	
	[CJZD]				08.14-	115560	12 1.7	
Fabia 1.2 TDI	[CFWA]				A25 05.10-	115336	12 2.2	
Fabia 1.4	[AME]	11.00- 05.03	112419	14 70	09.99- 05.03	112388	12 1.0	
		09.99- 05.03	112002	14 120 A47				
		09.99- 05.03	112274	14 90				
		09.99- 05.03	115483	14 120 A49				
	[AOV]	09.00- 05.03	112002	14 120 A47	09.99-	112388	12 1.0	
		12.99- 05.03	112274	14 90				
		12.99- 05.03	112419	14 70				
		12.99- 05.03	115483	14 120 A49				
	[ATZ]	07.01-	112419	14 70	09.00-	112388	12 1.0	
		09.99- 05.03	112002	14 120 A47				
		09.99- 01.01	112274	14 90				
		09.99- 01.01	115483	14 120 A49				
	[AZE]	04.00-	112002	14 120 A47	09.99- 08.02	112388	12 1.0	
		09.99-	112274	14 90				
		09.99-	112419	14 70				
	[AZF]	09.99- 03.03	115483	14 120 A49				
		04.00-	112002	14 120 A47	12.99- 08.02	112388	12 1.0	
		12.99-	112274	14 90				
	[BXW]	12.99-	112419	14 70				
		12.99- 03.03	115483	14 120 A49				
03.07-		112274	14 90	03.07-	114034	12 1.0		
[CGGB]	06.07-	113874	14 110	03.07-	115612	12 1.2		
	03.07-	112274	14 90	03.07-	115612	12 1.2		
	06.07-	113874	14 110	03.07-	114034	12 1.0		
Fabia 1.4 Praktik	[AME]	04.02- 05.03	112002	14 120 A47	09.99- 05.03	112388	12 1.0	
		09.99- 05.03	112274	14 90				
		09.99- 05.03	112419	14 70				
		09.99- 05.03	115483	14 120 A49				
	[AOV]	04.02- 05.03	112002	14 120 A47	12.99- 05.03	112388	12 1.0	
		12.99- 05.03	112274	14 90				
		12.99- 05.03	112419	14 70				
		12.99- 05.03	115483	14 120 A49				
[ATZ]	04.02- 05.03	112002	14 120 A47	09.99- 01.01	112388	12 1.0		
	09.99- 01.01	112274	14 90					
	09.99- 01.01	112419	14 70					
	09.99- 05.03	115483	14 120 A49					
Fabia 1.4 16V	[AUA]	10.99-	113874	14 110	09.99- 05.02	112435	12 1.1	
		10.99-	115482	14 90 A49	06.02-	113515	12 0.9	
	12.99-	113887	14 90	AT 09.99-	111823	12 1.1		
	AC 11.00- 10.01	111989	14 90					
AC 10.01-	112274	14 90						



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	[AUB]	12.99-	113874	14 110	09.99- 05.02	112435	12 1.1	
		12.99-	115482	14 90 A49	06.02-	113515	12 0.9	
		AC 10.01-	112274	14 90	AT 09.99-	111823	12 1.1	
		AC 09.99- 09.01	111989	14 90	06.02-	112388	12 1.0	
	[BBY]	10.01- 05.04	112274	14 90	12.99- 05.02	112435	12 1.1	
		10.99-	113874	14 110	AT 12.99-	111823	12 1.1	
		10.99-	115482	14 90 A49	06.02-	113515	12 0.9	
		12.99-	113887	14 90				
		AC 11.00- 10.01	111989	14 90				
		AC 10.01-	112274	14 90				
	[BBZ]	12.99-	113874	14 110	09.99- 05.02	112435	12 1.1	
		12.99-	115482	14 90 A49	07.01-	113515	12 0.9	
		AC 03.00- 09.01	111989	14 90	AT 09.99-	111823	12 1.1	
		AC 10.01-	112274	14 90				
	[BKY]	10.01- 05.04	112274	14 90	05.00- 04.07	114034	12 1.0	
		10.99-	113874	14 110	12.99- 10.04	113515	12 0.9	
		10.99-	115482	14 90 A49	AT 05.00-	115542	12 1.1	
		12.99-	113887	14 90	AT 05.00- 10.04	111823	12 1.1	
		AC 11.00- 10.01	111989	14 90				
		AC 10.01-	112274	14 90				
Fabia 1.4 TSI	[CAVE]	05.10-	113861	14 110	05.10-	115612	12 1.2	
		05.10-	114884	14 140				
	[CTHE]	05.10-	113861	14 110	05.10-	115612	12 1.2	
		05.10-	114884	14 140				
Fabia 1.4 TSI R5	[CZCA]				AT 02.18-	115944	12 1.7	
					02.18-	116272*	12 1.1	
					02.18-	115560	12 1.7	
Fabia 1.4 TDi	[AMF]	05.03-	113275	14 120	05.03- 11.04	115503	12 1.8 A49	
					04.03-	111900	12 1.8	
					04.03-	113842	12 1.7	
					11.04-	115508	12 1.7 A49	
		[BMS]	03.07-	115714	14 110	03.07-	113842	12 1.7
			03.07-	115764	14 90	03.07-	115508	12 1.7 A49
		[BNM]	10.05-	113275	14 120	10.05-	114062	12 1.7
			10.05-	115764	14 90			
			03.07-	115714	14 110			
			10.07-	112079	14 90 A47			
			10.07-	114789	14 90 A49			
		[BNV]	10.05-	113275	14 120	10.05-	113842	12 1.7
			10.05-	115764	14 90	10.05- 04.07	115508	12 1.7 A49
			03.07-	115714	14 110	06.07-	116335*	12 2.0
						06.07-	112438	12 2.0 A49
		[CUSA]				05.15-	115610	12 2.0
	[CUSB]				08.14-	115610	12 2.0	
	[CUTA]				08.14-	115610	12 2.0	
Fabia 1.4 TDi Praktik	[BNM]	10.05-	113275	14 120	10.05-	114062	12 1.7	
		10.05-	115764	14 90				
Fabia 1.6	[BTS]	03.07-	114769	14 110	03.07-	115612	12 1.2	
					03.07-	114034	12 1.0	
		[CFNA]	03.07-	114769	14 110	03.07-	115612	12 1.2
					03.07-	114034	12 1.0	
	[CWVA]	01.15-	116232*	14 110	01.15-	115696	12 1.1	
		01.15-	116383*					
Fabia 1.6 TDi	[CAYA]	04.10-	115370	14 110	04.10-	115634	12 1.8	
					A25 04.10-	115336	12 2.2	
					AT 04.10-	115376	12 1.8	
					04.10-	114299	12 1.7	
		[CAYB]	03.10-	113992	14 140	A25 03.10-	115336	12 2.2
			03.10-	115370	14 110	AT 03.10-	115376	12 1.8
			03.10-	115433	14 140	03.10-	115634	12 1.8
					03.10-	114299	12 1.7	
		[CAYC]	03.10-	113992	14 140	A25 03.10-	115336	12 2.2
			03.10-	115370	14 110	AT 03.10-	115376	12 1.8
		03.10-	115433	14 140	03.10-	115634	12 1.8	
				03.10-	114299	12 1.7		
Fabia 1.9 SDi	[ASY]	09.99- 04.07	115483	14 120 A49	11.99-	116335*	12 2.0	
		11.99-	112002	14 120 A47	Chas. 6Y-5-240001-	11.99-	114062	12 1.7
		11.99-	112079	14 90 A47	Chas. -6Y-5-240000	12.99-	112438	12 2.0 A49
		11.99-	114789	14 90 A49				
		12.99-	113340	14 70				
Fabia 1.9 TDi	[ATD]	01.00-	112002	14 120 A47	01.00-	113842	12 1.7	
		01.00-	112079	14 90 A47	Chas. -6Y-3-765552	09.00-	111900	12 1.8
		01.00- 10.05	114789	14 90 A49	09.99- 10.05	115503	12 1.8 A49	
		09.99- 04.07	115483	14 120 A49	11.04- 04.07	115508	12 1.7 A49	
		12.99-	113340	14 70				
		[AXR]	08.00- 12.07	115483	14 120 A49	10.05- 12.07	115508	12 1.7 A49
			09.00- 12.07	112002	14 120 A47	10.05- 12.07	111900	12 1.8
			09.00- 12.07	112079	14 90 A47	08.00- 12.07	115503	12 1.8 A49
			09.00- 12.07	113340	14 70	09.00-	113842	12 1.7
			09.00- 12.07	114789	14 90 A49			
		[BLS]	03.07-	112002	14 120 A47	03.07-	113842	12 1.7
			03.07-	115483	14 120 A49	03.07-	115508	12 1.7 A49
			03.07-	115714	14 110			
			10.07-	112079	14 90 A47			
			10.07-	113340	14 70			
			10.07-	114789	14 90 A49			
	[BSW]	03.07-	112002	14 120 A47	03.07-	113842	12 1.7	
		10.07-	112079	14 90 A47	10.07-	115508	12 1.7 A49	
		10.07-	113340	14 70				
		10.07-	114789	14 90 A49				
		10.07-	115483	14 120 A49				



Fabia 1.9 TDI RS	[ASZ]	06.03-	112002	14 120 A47	06.03-	112429	12 2.0
		06.03-	112079	14 90 A47	06.03-	113841	12 1.7
		06.03-	113340	14 70			
		06.03- 10.05	114789	14 90 A49			
		06.03- 10.05	115483	14 120 A49			
Fabia 2.0	[ACV]	06.99- 03.02	115482	14 90 A49	12.99-	111909	12 1.1
		06.99- 03.02	115483	14 120 A49	06.99- 03.02	115504	12 1.1 A49
		12.99-	111989	14 90			
		12.99-	112002	14 120 A47			
		07.00- 04.07	115482	14 90 A49	07.00-	112005	12 1.1
Fabia Praktik 1.4		05.04- 12.07	113874	14 110	05.04- 12.07	114034	12 1.0
		AC 05.04- 12.07	112274	14 90	05.04- 12.07	113515	12 0.9
		05.04- 12.07	110913	14 70	AT 05.04- 12.07	111823	12 1.1
					AT 05.04- 12.07	115542	12 1.1
Favorit 1.3	[135B]	12.92- 06.97	110622	14 70	12.92- 06.97	111214	12 1.0
	[136B]	12.92- 06.97	110622	14 70	12.92- 06.97	111214	12 1.0
	[136L]	09.88- 09.94	110622	14 70	10.90- 09.94	111214	12 1.0
	[781.135]	09.88- 09.94	110622	14 70	09.88- 09.94	111214	12 1.0
	[781.135E]	09.88- 09.94	110622	14 70	01.90- 09.94	111214	12 1.0
	[OHV]	09.88- 09.94	110622	14 70	09.88- 09.94	111214	12 1.0
	[AMJ]	08.95- 03.98	110622	14 70	10.94- 06.01	111214	12 1.0
Felicia 1.3	[135B]	ACPS 10.94- 03.98	112387#	14 90			
		10.94- 12.98	110622	14 70 ▲	10.94-	111214	12 1.0
	[135L]	PS 10.94-	112387#	14 90			
		10.94- 03.98	110622	14 70	10.94- 03.98	111214	12 1.0
	[136B]	ACPS 10.94- 03.98	112387#	14 90			
		10.94- 12.98	110622	14 70 ▲	10.94-	111214	12 1.0
	[AMG]	PS 08.96- 12.98	112387#	14 90	08.96- 12.98	111214	12 1.0
		ACPS 03.98- 06.01	112387#	14 90			
	[AMH]	08.96- 12.98	110622	14 70	08.96- 12.98	111214	12 1.0
		PS 03.98- 06.01	112387#	14 90			
Felicia 1.3 Fun	[135B]	06.97-	110622	14 70	06.97-	111214	12 1.0
		ACPS 06.97-	112387#	14 90			
	[135M]	06.97-	110622	14 70	06.97-	111214	12 1.0
		ACPS 06.97-	112387#	14 90			
	[136B]	06.97-	110622	14 70	06.97-	111214	12 1.0
		ACPS 06.97-	112387#	14 90			
	[136M]	11.94-	110622	14 70	06.97-	111214	12 1.0
		06.97-	112387#	14 90			
[AMG]	06.97-	110622	14 70	06.97-	111214	12 1.0	
	06.97-	112387#	14 90				
[AMH]	06.97-	110622	14 70	06.97-	111214	12 1.0	
	06.97-	112387#	14 90				
Felicia 1.3 LX	[135B]	11.94- 12.98	110622	14 70 ▲	08.95-	111214	12 1.0
		PS 08.95-	112387#	14 90			
Felicia 1.3 LXI	[136B]	08.96- 12.98	110622	14 70 ▲	08.95- 03.98	111214	12 1.0
		11.94- 12.98	110622	14 70 ▲	08.95-	111214	12 1.0
Felicia 1.6	[AEE]	PS 08.95-	111352	14 70	08.95- 03.98	111214	12 1.0
		08.95-	111820	14 90			
		03.98- 06.01	111353	14 70			
		03.98- 06.01	111477	14 90			
		PS 05.95- 08.01	111353	14 70			
Felicia 1.6 GLX	[AEE]	PS 06.97-	111820	14 90			
		AC 05.95- 08.01	111477	14 90			
		08.95-	111352	14 70	08.95-	111214	12 1.0
		PS 08.95-	111820	14 90			
Felicia 1.6 LX	[AEE]	AC 08.95-	111477	14 90			
		08.95- 03.98	111352	14 70	08.95- 03.98	111214	12 1.0
		PS 08.95- 03.98	111820	14 90			
	[EA111]	AC 08.95- 03.98	111477	14 90			
		08.95-	111352	14 70	08.95-	111214	12 1.0
Felicia 1.9 Diesel	[AEF]	PS 08.95-	111820	14 90			
		AC 08.95-	111477	14 90			
		09.96-	111676	14 90	05.96- 08.01	112236	12 1.8
Felicia Cube Van 1.3	[AMH]	03.97- 06.98	110622	14 70	03.97- 06.98	111214	12 1.0
		03.97- 06.98	112387#	14 90			
Felicia Cube Van 1.6	[AEE]	06.98- 12.01	111352	14 70	06.98- 12.01	111214	12 1.0
		06.98- 12.01	111820	14 90			
		PS 06.98- 12.01	111353	14 70			
		AC 06.98- 12.01	111477	14 90			
Felicia Cube Van 1.9 Diesel	[AEF]	03.97- 12.01	111676	14 90	03.97- 12.01	112236	12 1.8
Forman 1.3	[781.135]	12.91- 12.95	110622	14 70	12.91- 06.95	111214	12 1.0
		12.92- 12.95	110622	14 70	09.91- 06.95	111214	12 1.0
		[OHC]	08.91- 12.95	110622	14 70	08.91- 06.95	112388
Forman 1.3 4WD	[136B]				01.94- 06.95	111214	12 1.0
Karoq 1.0 TSI	[CHZJ]				07.17-	115818	12 1.1
					07.17-	115944	12 1.7
					07.17-	116272*	12 1.1
Karoq 1.5 TSI	[DADA]				07.17-	115560	12 1.7
					07.17-	115944	12 1.7
					07.17-	116272*	12 1.1
Karoq 1.6 TDI	[DDYA]	07.17-	114322	14 140	07.17-	115336	12 2.2
		07.17-	114322	14 140	07.17-	115539	12 2.0 A49
Karoq 2.0 TDI 4x4	[DFFA]				07.17-	115402	12 1.8
					07.17-	116156	12 2.0
Kodiaq 2.0 TDI 4x4	[DFGA]	03.17-	114322	14 140			
		03.17-	114322	14 140			



Application list

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Octavia 1.0 TSI	[CHZD]				05.16-	115612	12	1.2
					05.16-	115818	12	1.1
Octavia 1.2 TSI	[CBZB]	02.10-	115765	14 140	02.10-	114175	12	1.1
		02.10-	116207*	14 110	02.10-	115612	12	1.2
	[CJZA]	11.12-	115916	14 140	11.12-	115945	12	1.4
					11.12-	115610	12	2.0
	[CJZB]	11.12-	115916	14 140	11.12-	115612	12	1.2
					11.12-	115945	12	1.4
[CYVB]				11.12-	115610	12	2.0	
				11.12-	115612	12	1.2	
Octavia 1.4	[AMD]	AC 04.99-	112273	14 70	04.99-	112388	12	1.0
	[AXP]	08.00-	112075	14 70	08.00-	111909	12	1.1
		08.00- 01.02	115482	14 90 A49	08.00- 01.02	115504	12	1.1 A49
		AC 08.00-	111989	14 90				
	[BCA]	06.04-	111989	14 90	08.00-	111909	12	1.1
		06.04-	112075	14 70	08.00-	115504	12	1.1 A49
		06.04-	115482	14 90 A49	05.04- 05.06	114034	12	1.0
	[BUD]	06.04-	113874	14 110	06.04-	114034	12	1.0
	[CCGA]	05.06-	113874	14 110	05.06-	114034	12	1.0
	[CGGA]	06.04-	113874	14 110	06.04-	114034	12	1.0
Octavia 1.4 16V	[AXP]	09.00-	112075	14 70	09.00-	111909	12	1.1
		09.00-	115482	14 90 A49	09.00-	115504	12	1.1 A49
		AC 09.00-	111989	14 90				
	[BCA]	09.00-	112075	14 70	09.00-	111909	12	1.1
		09.00-	113887	14 90	09.00-	115504	12	1.1 A49
Octavia 1.4 TSI	[CAXA]	11.08-	113861	14 110	11.08-	114163	12	1.1
		11.08-	114884	14 140	AT 11.08-	115611	12	1.1
		11.08-	115854	14 110	11.08-	115612	12	1.2
	[CHPA]	11.12-	115916	14 140	11.12-	115612	12	1.2
	[CHPB]				08.14-	115818	12	1.1
	[CZDA]				08.14-	115818	12	1.1
Octavia 1.4 TSI G-TEC	[CPWA]	11.13-	115916	14 140	11.13-	115818	12	1.1
Octavia 1.6	[AEE]	09.96-	111820	14 90	09.96- 08.02	115504	12	1.1 A49
		09.96- 09.00	115482	14 90 A49	09.96- 08.02	111909	12	1.1
	Chas. 1U-W-113661-	09.96- 09.00	111989	14 90	09.96-	112236	12	1.8
	Chas. 1U-W-113661-	09.96- 09.00	112075	14 70	09.96-	111748	12	1.1
	Chas. -1U-W-113660	09.96-	111820	14 90				
	[AEH]	02.97-	112002	14 120 A47	05.98- 08.02	111909	12	1.1
		02.97- 09.04	115482	14 90 A49	02.97- 08.02	115504	12	1.1 A49
		02.97- 09.04	115483	14 120 A49	02.97- 05.98	111748	12	1.1
		06.98-	111989	14 90				
		06.98-	112075	14 70				
	[AKL]	02.97-	112002	14 120 A47	04.97- 08.02	115504	12	1.1 A49
		04.97-	115482	14 90 A49	05.97- 06.98	111748	12	1.1
		04.97-	115483	14 120 A49	06.98- 09.02	111909	12	1.1
		06.98-	111989	14 90				
		06.98-	112075	14 70				
	[AVU]	09.00-	111989	14 90	AT 08.00- 08.02	111909	12	1.1
		09.00-	112002	14 120	08.00- 04.02	115504	12	1.1 A49
		09.00- 04.02	115482	14 90 A49				
		09.00- 04.02	115483	14 120 A49				
	[BFO]	08.00-	115482	14 90 A49	09.00-	111909	12	1.1
		08.00-	115483	14 120 A49	08.00- 08.02	115504	12	1.1 A49
		09.00-	111989	14 90				
		09.00-	112002	14 120 A47				
	[BGU]	06.04-	111989	14 90	06.04-	114176	12	1.0
		06.04-	113992	14 140	06.04-	115612	12	1.2
		06.04-	115482	14 90 A49	AT 06.04-	113773	12	1.1
		06.04-	115621	14 110				
	[BSE]	06.04-	111989	14 90	AT 06.04-	113773	12	1.1
		06.04-	113992	14 140	06.04-	114176	12	1.0
		06.04-	115482	14 90 A49	06.04-	115612	12	1.2
	06.04-	115621	14 110					
[BSF]	06.04-	111989	14 90	AT 06.04-	113773	12	1.1	
	06.04-	113992	14 140	06.04-	114176	12	1.0	
	06.04-	115482	14 90 A49	06.04-	115612	12	1.2	
	06.04-	115621	14 110					
[CCSA]	06.04-	111989	14 90	AT 06.04-	113773	12	1.1	
	06.04-	113992	14 140	06.04-	114176	12	1.0	
	06.04-	115482	14 90 A49	06.04-	115612	12	1.2	
	06.04-	115621	14 110					
[CMXA]	06.04-	111989	14 90	AT 06.04-	113773	12	1.1	
	06.04-	113992	14 140	06.04-	114176	12	1.0	
	06.04-	115482	14 90 A49	06.04-	115612	12	1.2	
	06.04-	115621	14 110					
[CWWA]				01.14-	115696	12	1.1	
Octavia 1.6 FSI	[BLF]	06.04-	114769	14 110	06.04-	115504	12	1.1 A49
				AT 06.04-	111909	12	1.1	
				06.04-	113773	12	1.1	
				06.04-	114163	12	1.1	
Octavia 1.6	[CCSA]	01.08-	113992	14 140	01.08-	115612	12	1.2
				01.08-	114176	12	1.0	
	[CMXA]	01.08-	113992	14 140	01.08-	115612	12	1.2
				01.08-	114176	12	1.0	
Octavia 1.6 LPG	[CHGA]	08.09-	111989	14 90	08.09-	114176	12	1.0
		08.09-	115482	14 90 A49				
Octavia 1.6 TDI	[CAYC]	06.09-	113992	14 140	AT 06.09-	115376	12	1.8
		06.09-	115370	14 110	06.09-	115634	12	1.8
					A25 06.09-	115336	12	2.2
					06.09-	114299	12	1.7
	[CLHA]				A25 11.12-	115336	12	2.2
					11.12-	115610	12	2.0
				AT7S 11.12-	115634	12	1.8	
				11.12-	115336	12	2.2	

SKODA Continued

Octavia 1.9 TDi	[AGR]	09.96-112002	14 120 A47	AT 11.01-	111748	12 1.1
		09.96-112079	14 90 A47	AT 09.96- 10.01	112286	12 1.7
		09.96-114789	14 90 A49	09.96-	111900	12 1.8
		07.98-113340	14 70	09.96-	115503	12 1.8 A49
		10.99-115483	14 120 A49			
	[AHF]	08.97-112002	14 120 A47	AT 11.01-	111748	12 1.1
		08.97-112079	14 90 A47	08.97-	111900	12 1.8
		08.97-113340	14 70	AT 08.97- 10.01	112286	12 1.7
		08.97- 09.04-114789	14 90 A49	08.97- 01.06	115503	12 1.8 A49
		08.97- 01.06-115483	14 120 A49			
	[ALH]	08.00-113340	14 70	08.00-	111900	12 1.8
		08.00-115483	14 120 A49	08.00-	115503	12 1.8 A49
		09.96-112002	14 120 A47	AT 11.01-	111748	12 1.1
		09.96-112079	14 90 A47	AT 09.96- 10.01	112286	12 1.7
		09.96-114789	14 90 A49			
	[ASV]	08.00- 09.04-113340	14 70	07.98- 09.04	111900	12 1.8
		08.00- 01.06-115483	14 120 A49	08.00- 01.06	115503	12 1.8 A49
		07.98- 09.04-112002	14 120 A47	AT 11.01-	111748	12 1.1
		07.98- 09.04-112079	14 90 A47	AT 07.98- 09.04	112286	12 1.7
		07.98- 09.04-114789	14 90 A49			
[ASZ]	01.03-112002	14 120 A47	01.03-	112429	12 2.0	
	01.03-112079	14 90 A47				
	01.03-113340	14 70				
	01.03-114789	14 90 A49				
	01.03- 09.04-115483	14 120 A49				
[ATD]	08.00-112002	14 120 A47	08.00-	111900	12 1.8	
	08.00-112079	14 90 A47	08.00- 01.06	115503	12 1.8 A49	
	08.00-113340	14 70				
	08.00-114789	14 90 A49				
	08.00- 01.06-115483	14 120 A49				
[AXR]	08.00-112002	14 120 A47	08.00-	111900	12 1.8	
	08.00-112079	14 90 A47	08.00-	115503	12 1.8 A49	
	08.00-113340	14 70				
	08.00-114789	14 90 A49				
	08.00-115483	14 120 A49				
[BJB]	06.04-113992	14 140	05.04-	115508	12 1.7 A49	
	06.04-115370	14 110	06.04-	115638	12 1.7	
			AT, 6 Speed 06.04-	113509	12 1.7	
			05.04-	113509	12 1.7	
			06.04-	113842	12 1.7	
[BKC]	06.04-113992	14 140	06.04- 02.06	115508	12 1.7 A49	
	06.04-115370	14 110	06.04-	115638	12 1.7	
			AT 11.04-	113509	12 1.7	
			AT, 6 Speed 06.04-	113509	12 1.7	
			06.04-	113842	12 1.7	
[BLS]	06.04-113992	14 140	06.04-	115508	12 1.7 A49	
	06.04-115370	14 110	06.04-	115638	12 1.7	
			06.04-	113842	12 1.7	
[BXE]	03.06-113992	14 140	03.06-	115508	12 1.7 A49	
	03.06-115370	14 110	03.06-	115638	12 1.7	
			03.06-	113509	12 1.7	
			03.06-	113842	12 1.7	
Octavia 1.9 TDi 4x4	[AGR]	08.00-113340	14 70	11.99-	111900	12 1.8
		08.00- 09.00-115483	14 120 A49	08.00- 09.00	115503	12 1.8 A49
		11.99-112002	14 120 A47	AT 11.01-	111748	12 1.1
		11.99-112079	14 90 A47	AT 11.99- 10.01	112286	12 1.7
		11.99- 09.00-114789	14 90 A49			
	[ATD]	09.00-112002	14 120 A47	09.00-	111900	12 1.8
		09.00-112079	14 90 A47	6SP 09.00-	112005	12 1.1
		09.00-113340	14 70	09.00-	112429	12 2.0
		09.00-114789	14 90 A49	09.00- 01.06	115503	12 1.8 A49
		09.00- 01.06-115483	14 120 A49			
	[BKC]	11.04-113992	14 140	11.04-	113842	12 1.7
		11.04-115370	14 110	11.04-	115508	12 1.7 A49
			AT 11.04-	113509	12 1.7	
			11.04-	113841	12 1.7	
[BLS]	05.06-113992	14 140	05.06-	113842	12 1.7	
	05.06-115370	14 110	05.06-	115508	12 1.7 A49	
[BXE]	03.06-113992	14 140				
	03.06-115370	14 110				
Octavia 2.0	[AEG]	08.00- 01.05-115482	14 90 A49	04.99-	112005	12 1.1
		08.00- 01.05-115483	14 120 A49	08.00- 01.05	115504	12 1.1 A49
		04.99-111989	14 90	AT 04.99-	111909	12 1.1
		04.99-112002	14 120 A47			
		04.99-112075	14 70			
		AC 04.99-111989	14 90			
	[APK]	04.99-111989	14 90	04.99-	112005	12 1.1
		04.99-112002	14 120 A47	AT 04.99-	111909	12 1.1
		04.99-112075	14 70	04.99-	115504	12 1.1 A49
		04.99-115482	14 90 A49			
		04.99-115483	14 120 A49			
	[AOY]	04.99-111989	14 90	04.99- 03.02	115504	12 1.1 A49
		04.99-112002	14 120 A47	AT 04.99-	111909	12 1.1
		04.99-112075	14 70	04.99-	112005	12 1.1
		04.99- 03.02-115482	14 90 A49			
		04.99- 03.02-115483	14 120 A49			
	[ATF]	01.00-111989	14 90	01.00-	112005	12 1.1
		01.00-112002	14 120 A47			
	01.00-112075	14 70				
	01.00-115482	14 90 A49				
	01.00-115483	14 120 A49				
[AZH]	04.99-111989	14 90	04.99-	112005	12 1.1	
	04.99-112002	14 120 A47				
	04.99-112075	14 70				
	04.99-115482	14 90 A49				
	04.99-115483	14 120 A49				



	[AZJ]	04.99- 04.99- 04.99- 04.99- 04.99-	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		04.99- AT 04.99- 04.99-	112005 111909 115504	12 1.1 12 1.1 12 1.1 A49
Octavia 2.0 4x4	[AEG]	08.00- 01.05 08.00- 01.05 08.00- 01.05 08.00- 01.05 05.01-	111989 112075 115482 115483 112002	14 90 14 70 14 90 A49 14 120 A49 14 120 A47		AT 08.00- 01.05 08.00- 01.05 08.00- 01.05	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
	[AOY]	08.00- 03.02 08.00- 03.02 08.00- 03.02 08.00- 03.02 05.01-	111989 112075 115482 115483 112002	14 90 14 70 14 90 A49 14 120 A49 14 120 A47		AT 08.00- 03.02 08.00- 03.02 08.00- 03.02	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
	[AZH]	08.00- 09.04 08.00- 09.04 08.00- 09.04 08.00- 09.04 05.01-	111989 112075 115482 115483 112002	14 90 14 70 14 90 A49 14 120 A49 14 120 A47		08.00- 09.04	112005	12 1.1
	[AZJ]	05.01- 03.02- 09.04 03.02- 09.04 03.02- 09.04 03.02- 09.04	112002 111989 112075 115482 115483	14 120 A47 14 90 14 70 14 90 A49 14 120 A49		AT 03.02- 09.04 03.02- 09.04 03.02- 09.04	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
Octavia 2.0 RS	[BWA]	01.06-	113992	14 140		01.06- 01.06-	115900 113773	12 1.1 12 1.1
	[CCZA]	01.06-	113992	14 140		01.06-	115900	12 1.1
Octavia 2.0 FSi	[BLR]	11.04- 11.05	113992	14 140		11.04- 11.05 AT 11.04- 11.04- 11.04- 11.05	114163 111909 113773 115504	12 1.1 12 1.1 12 1.1 12 1.1 A49
	[BLY]	11.04- 11.05	113992	14 140		11.04- 11.05	114163 113773	12 1.1 12 1.1
	[BVX]	11.05-	113992	14 140		11.05-	114163	12 1.1
	[BVY]	11.05-	113992	14 140		11.04-	114163	12 1.1
	[BVZ]	11.05-	113992	14 140		11.04-	114163	12 1.1
Octavia 2.0 FSi 4x4	[BLX]	11.04- 11.05	113992	14 140		11.04- 11.05	114163	12 1.1
	[BLY]	11.04- 11.05	113992	14 140		11.04- 11.05	114163 113773	12 1.1 12 1.1
	[BVX]	11.05-	113992	14 140		11.05-	114163	12 1.1
Octavia 2.0 TSi	[CHHB]					A25 11.12- 05.13- 11.12-	115561 115638 115900	12 1.7 12 1.7 12 1.1
Octavia 2.0 TSi RS	[CHHA]					05.15- 05.15- 05.15-	115560 115561 115900	12 1.7 12 1.7 12 1.1
Octavia 2.0 TDi 16V	[AZV]	02.04- 02.04-	113992 115370	14 140 14 110				
	[BKD]	06.04- 06.04-	113992 115370	14 140 14 110		08.04- 08.04- AT 05.04- AT, 6 Speed 06.04- 08.04- 06.04-	115508 115638 113509 113509 113841 113842 115311	12 1.7 A49 12 1.7 12 1.7 12 1.7 12 1.7 12 1.7 12 2.0
	[CFHC]	06.04- 06.04-	113992 115370	14 140 14 110		08.04- 06.04- AT 05.04- 08.04- 08.04- 08.04-	115508 115638 113509 113841 113842 115311	12 1.7 A49 12 1.7 12 1.7 12 1.7 12 1.7 12 2.0
	[CLCB]	06.04- 06.04-	113992 115370	14 140 14 110		08.04- 06.04- AT 05.04- 08.04- 08.04- 08.04-	115508 115638 113509 113841 113842 115311	12 1.7 A49 12 1.7 12 1.7 12 1.7 12 1.7 12 2.0
Octavia 2.0 TDi 16V 4x4	[BMM]	07.06- 07.06-	113992 115370	14 140 14 110		5SP 08.04- 6SP 07.06-	113509 113841	12 1.7 12 1.7
Octavia 2.0 TDi	[BMM]	11.05- 11.05-	113992 115370	14 140 14 110		04.06-	113841	12 1.7
	[BMN]	04.06- 05.08 04.06- 05.08	113992 115370	14 140 14 110		04.06- 05.08 04.06- 05.08	115311 115638	12 2.0 12 1.7
	[CEGA]	04.06- 04.06-	113992 115370	14 140 14 110		04.06- 04.06-	115311 115638	12 2.0 12 1.7
	[CFHF]	03.10-	113992	14 140		03.10-	115638	12 1.7
	[CKFB]					A25 11.12- 11.12- 11.12-	115402 115634 115638	12 1.8 12 1.8 12 1.7
	[CKFC]					A25 11.12- 11.12- 11.12-	115402 115634 115638	12 1.8 12 1.8 12 1.7
	[CLCA]	03.10-	113992	14 140		03.10-	115638	12 1.7
	[CRVC]					A25 11.12- 11.12- 11.12- 11.12-	115402 115402 115634 115638	12 1.8 12 1.8 12 1.8 12 1.7
	[CUNA]					A25 05.13-	115402	12 1.8
	[CUPA]					A25 05.13-	115402	12 1.8
Octavia 2.0 TDi 4x4	[CFHC]	05.10-	113992	14 140		05.10- 05.10-	115638 113841	12 1.7 12 1.7
	[CFHF]	05.11-	113992	14 140		05.11-	113841	12 1.7
	[CKFC]					09.14- 11.12- 11.12-	115402 115634 115638	12 1.8 12 1.8 12 1.7
	[CUNA, CUPA]					09.14-	115402	12 1.8

STARTERS & ALTERNATORS



Application list

SKODA Continued

	[CUPA]					09.14-	115402	12	1.8
	[CUPA, CUNA]					09.14-	115402	12	1.8
Praktik 1.2 TSi	[CBZA]	03.10-	115765	14	140	A25 03.10-	115401	12	2.2
		03.10-	116207*	14	110	03.10-	115611	12	1.1
						03.10-	114034	12	1.0
Praktik 1.2 TDi	[CFWA]					A25 03.10-	115336	12	2.2
						03.10-	114299	12	1.7
Rapid 1.0 TSi	[CHZB]					06.17-	115560	12	1.7
	[CHZC]					06.17-	115560	12	1.7
	[DKLD]					06.17-	115560	12	1.7
	[DKRC]					06.17-	115560	12	1.7
Rapid 1.2	[CGPC]	10.12-	113253	14	90	10.12-	114034	12	1.0
Rapid 1.2 Spaceback	[CGPC]	07.12-	113253	14	90	07.12-	114034	12	1.0
Rapid 1.2 TSi	[CBZA]	07.12-	116207*	14	110	A25 10.12-	115401	12	2.2
		10.12-	115765	14	140	10.12-	114034	12	1.0
		10.12-	115767	14	140				
	[CBZB]	07.12-	116207*	14	110	A25 10.12-	115401	12	2.2
		10.12-	115765	14	140	10.12-	114034	12	1.0
		10.12-	115767	14	140				
	[CJZC]	05.15-	116193*	12	140	05.15-	115560	12	1.7
						05.15-	115696	12	1.1
						05.15-	115944	12	1.7
						05.15-	116272*	12	1.1
[CJZD]	05.15-	116193*	12	140	05.15-	115560	12	1.7	
					05.15-	115696	12	1.1	
					05.15-	115944	12	1.7	
					05.15-	116272*	12	1.1	
					05.15-	116272*	12	1.1	
Rapid 1.2 TSi Spaceback	[CJZC]	05.15-	116193*	12	140	05.15-	115696	12	1.1
						05.15-	115560	12	1.7
					05.15-	115944	12	1.7	
					05.15-	116272*	12	1.1	
	[CJZD]	05.15-	116193*	12	140	05.15-	115560	12	1.7
				05.15-	115696	12	1.1		
				05.15-	115944	12	1.7		
				05.15-	116272*	12	1.1		
Rapid 1.4 TSi	[CAXA]	07.12-	113861	14	110	07.12-	115612	12	1.2
		07.12-	114884	14	140				
		07.12-	115528	14	140 A49				
		07.12-	116345*	14	140				
	[CZCA]	05.15-	116193*	12	140	05.15-	115612	12	1.2
Rapid 1.4 TSi Spaceback	[CZCA]	05.15-	116193*	12	140	05.15-	115612	12	1.2
Rapid 1.4 TDi	[CUSB]					A25 05.15-	115336	12	2.2
						05.15-	115610	12	2.0
Rapid 1.4 TDi Spaceback	[CUSB]					A25 05.15-	115336	12	2.2
						05.15-	115610	12	2.0
Rapid 1.6	[CFNA]	07.13-	114769	14	110	07.13-	114034	12	1.0
Rapid 1.6 SRE		06.15-	116383*			06.15-	115696	12	1.1
Rapid 1.6 TDi	[CAYB]	08.13-	113992	14	140	08.13-	115336	12	2.2
		08.13-	115370	14	110	08.13-	114299	12	1.7
		08.13-	115433	14	140	08.13-	115944	12	1.7
	[CAYC]	07.12-	113992	14	140	07.12-	115336	12	2.2
		07.12-	115370	14	110	10.12-	114034	12	1.0
		07.12-	115433	14	140	07.12-	115944	12	1.7
	[CLNA]	10.12-	114769	14	110	07.12-	114299	12	1.7
		07.12-	113992	14	140	07.12-	114299	12	1.7
		07.12-	115370	14	110	07.12-	115336	12	2.2
	[CXMA]	07.12-	115433	14	140	10.12-	114034	12	1.0
		10.12-	114769	14	110	07.12-	115944	12	1.7
		05.15-	115826	14	140	A25 05.15-	115336	12	2.2
	05.15-	116359*	14	140					
Rapid 1.6 TDi Spaceback	[CXMA]	05.15-	115826	14	140	A25 05.15-	115336	12	2.2
		05.15-	116359*	14	140				
Rapid Spaceback 1.6	[CFNA]	07.12-	114769	14	110	07.12-	115401	12	2.2
						07.12-	114034	12	1.0
Roomster 1.2	[BZG]	01.07-	113253	14	90	01.07-	114034	12	1.0
	[CGPA]	01.07-	113253	14	90	01.07-	114034	12	1.0
Roomster 1.2 TSi	[CBZA]	03.10-	115765	14	140	A25 03.10-	115401	12	2.2
		03.10-	116207*	14	110	AT 03.10-	115611	12	1.1
	[CBZB]	03.10-	115765	14	140	DKG 03.10-	115611	12	1.1
		03.10-	116207*	14	110	03.10-	115612	12	1.2
						A25 03.10-	115401	12	2.2
					03.10-	114034	12	1.0	
Roomster 1.2 TDi	[CFWA]	03.10-	115529	14	140	A25 03.10-	115336	12	2.2
						03.10-	114299	12	1.7
Roomster 1.4	[BXW]	09.06-	113874	14	110	09.06-	115612	12	1.2
		AC 09.06-	112274	14	90	09.06-	114034	12	1.0
	[CGGB]	09.06-	113874	14	110	09.06-	115612	12	1.2
		AC 09.06-	112274	14	90	09.06-	114034	12	1.0
Roomster 1.4 TDi	[BMS]	09.06-	112079	14	90 A47	09.06-	113842	12	1.7
		09.06-	115714	14	110	09.06-	115508	12	1.7 A49
		09.06-	115764	14	90	09.06-	116335*	12	2.0
					09.06-	112438	12	2.0 A49	
	[BNM]	09.06-	112079	14	90 A47	09.06-	114062	12	1.7
		09.06-	115714	14	110				
		09.06-	115764	14	90				
	[BNV]	09.06-	115714	14	110	09.06-	115508	12	1.7 A49
09.06-		115764	14	90	09.06-	116335*	12	2.0	
					09.06-	112438	12	2.0 A49	
				09.06-	113842	12	1.7		
Roomster 1.6	[BTS]	09.06-	114769	14	110	09.06-	115612	12	1.2
						09.06-	113773	12	1.1
						09.06-	113841	12	1.7
					09.06-	114034	12	1.0	
	[CFNA]	09.06-	114769	14	110	09.06-	115612	12	1.2
						09.06-	113773	12	1.1
					09.06-	113846	12	2.2	
				09.06-	114034	12	1.0		



Roomster 1.6 TDi	[CAYB]	03.10-	113992	14 140		03.10-	114299	12 1.7	
		03.10-	115370	14 110		A25 03.10-	115336	12 2.2	
		03.10-	115433	14 140		03.10-	115634	12 1.8	
	[CAYC]	03.10-	113992	14 140		AT 03.10-	115376	12 1.8	
		03.10-	115370	14 110		A25 03.10-	115336	12 2.2	
		03.10-	115433	14 140		AT 03.10-	115376	12 1.8	
Roomster 1.9 TDi	[AXR]	03.06- 05.06	112079	14 90 A47		03.06- 05.06	113842	12 1.7	
		03.06- 05.06	113340	14 70		03.06- 05.06	115508	12 1.7 A49	
		03.06- 05.06	114789	14 90 A49		03.06- 05.06	116335*	12 2.0	
	[BLS]	09.06-	112002	14 120 A47		09.06-	112438	12 2.0 A49	
		09.06-	112079	14 90 A47		09.06-	113842	12 1.7	
		09.06-	113340	14 70		09.06-	115508	12 1.7 A49	
		09.06-	114789	14 90 A49		09.06-	116335*	12 2.0	
		09.06-	115483	14 120 A49					
		09.06-	115714	14 110					
	[BSW]	09.06-	112002	14 120 A47		09.06-	112438	12 2.0 A49	
		09.06-	112079	14 90 A47		09.06-	113842	12 1.7	
		09.06-	113340	14 70		09.06-	115508	12 1.7 A49	
		09.06-	114789	14 90 A49		09.06-	116335*	12 2.0	
		09.06-	115483	14 120 A49					
		09.06-	115714	14 110					
	Superb 1.4 TSi	[CAXC]	07.08-	114884	14 140		07.08-	114163	12 1.1
			07.08-	115528	14 140 A49		07.08-	115610	12 2.0
			07.08-	116345*	14 140				
[CZCA]						03.15-	115612	12 1.2	
						03.15-	115818	12 1.1	
[CZDA]						03.15-	115612	12 1.2	
						03.15-	115818	12 1.1	
[CZEA]						03.15-	115612	12 1.2	
						03.15-	115818	12 1.1	
Superb 1.4 TSi 4x4		[CZDA]				03.15-	115818	12 1.1	
	[CZEA]				03.15-	115818	12 1.1		
Superb 1.6 TDi	[CAYC]	09.10-	114109	14 180		09.10-	114299	12 1.7	
		09.10-	115433	14 140		A25 09.10-	115336	12 2.2	
		09.10-	115712	14 180					
		09.10-	115713	14 180 A49					
		09.10-	115730	14 140					
	[DCXA]	03.15-	115826	14 140 A49		03.15-	115336	12 2.2	
		03.15-	116359*	14 140		03.15-	115610	12 2.0	
	[DCZA]	03.15-	115826	14 140 A49		03.15-	115336	12 2.2	
		03.15-	116359*	14 140		03.15-	115610	12 2.0	
	Superb 1.8 TSi	[BZB]	07.08-	114722	14 140		07.08-	115612	12 1.2
						07.08-	114163	12 1.1	
[CDAB]		03.09-	114722	14 140		03.09-	115612	12 1.2	
						03.09-	114163	12 1.1	
						03.09-	115611	12 1.1	
[CDAA]		07.08-	114722	14 140		07.08-	115612	12 1.2	
						07.08-	114163	12 1.1	
[CJSA]						03.15-	115560	12 1.7	
					03.15-	115560	12 1.7		
Superb 1.8 TSi 4x4	[CDAB]	03.09-	114722	14 140		03.09-	115612	12 1.2	
						03.09-	114163	12 1.1	
						03.09-	115611	12 1.1	
	[CDAA]	11.08-	114722	14 140		11.08-	115612	12 1.2	
						11.08-	114163	12 1.1	
Superb 1.8 Turbo 20V	[AWT]	02.02-	112399	14 90	Chas. -3U-4-066205	02.02-	112321	12 1.1	
		02.02-	113283	14 120	Chas. 3U-4-066206-	02.02-	114179	12 1.2	
Superb 1.9 TDi	[AVB]	02.02-	112397	14 120		02.02-	111694	12 1.8	
	[AVF]	12.01-	112397	14 120		12.01-	111694	12 1.8	
	[AWX]	12.01-	112397	14 120		12.01-	111694	12 1.8	
	[BLS]	07.08- 11.10	113992	14 140		07.08- 11.10	115508	12 1.7 A49	
		07.08- 11.10	115730	14 140		07.08- 11.10	113842	12 1.7	
	[BPZ]					01.07- 03.08	114096	12 2.0	
[BXE]	07.08- 11.10	113992	14 140		07.08- 11.10	113842	12 1.7		
	07.08- 11.10	115730	14 140		07.08- 11.10	115508	12 1.7 A49		
Superb 2.0	[AZM]	02.02-	112399	14 90	Chas. -3U-4-066205	02.02-	112321	12 1.1	
		02.02-	113283	14 120	Chas. 3U-4-066206-	02.02-	114179	12 1.2	
[BWW]					02.06- 04.08	114096	12 2.0		
Superb 2.0 TSi	[CCZA]	05.10-	114722	14 140		05.10-	115900	12 1.1	
						05.10-	115610	12 2.0	
	[CHHB]					03.15-	115561	12 1.7	
					03.15-	115900	12 1.1		
Superb 2.0 TSi 4x4	[CJXA]					03.15-	115561	12 1.7	
						03.15-	115900	12 1.1	
Superb 2.0 TDi 16V 4x4	[CFFB]	11.10-	114109	14 180		11.10-	115311	12 2.0	
		11.10-	115433	14 140		11.10-	115402	12 1.8	
		11.10-	115713	14 180 A49		11.10-	115638	12 1.7	
		11.10-	115730	14 140					
		11.10-	116319	14 180					
Superb 2.0 TDi	[BKD]	01.09-	115433	14 140		09.09-	113509	12 1.7	
		01.09-	115713	14 180 A49		01.09-	115311	12 2.0	
		01.09-	115730	14 140		01.09-	115638	12 1.7	
		01.09-	116319	14 180					
	[BMP]	07.08-	113992	14 140		07.08-	113509	12 1.7	
		07.08-	115730	14 140		07.08-	113841	12 1.7	
						10.09-	115611	12 1.1	
	[BSS]					10.05-	114096	12 2.0	



Application list

SKODA Continued

	[CBBB]	07.08- 07.08- 07.08- 07.08- 07.08-	113992 115433 115713 115730 116319	14 140 14 140 14 180 A49 14 140 14 180		07.08- 07.08- 07.08- 07.08-	115638 113509 113841 115311	12 1.7 12 1.7 12 1.7 12 2.0
	[CFFB]	03.10- 03.10- 03.10- 03.10- 03.10-	114109 115433 115713 115730 116319	14 180 14 140 14 180 A49 14 140 14 180		03.10- 03.10- 03.10- 03.10-	113509 113841 115311 115638	12 1.7 12 1.7 12 2.0 12 1.7
	[CFGB]	07.08- 07.08- 07.08- 07.08- 07.08- 10.09-	113992 115433 115713 115730 116319 115712	14 140 14 140 14 180 A49 14 140 14 180 14 180		07.08- 07.08- 07.08- 07.08- 07.08-	113841 115311 115638 113509	12 1.7 12 2.0 12 1.7 12 1.7
	[CLJA]	02.10- 02.10- 02.10- 02.10- 02.10-	114109 115433 115713 115730 116319	14 180 14 140 14 180 A49 14 140 14 180		02.10- 02.10- 02.10-	113509 115311 115638	12 1.7 12 2.0 12 1.7
	[CRLB]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115638	12 1.7
	[DDAA]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115638	12 1.7
	[DFCA]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115638	12 1.7
	[DFEA]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115638	12 1.7
Superb 2.0 TDi 4x4	[CBBB]	09.08- 09.08- 09.08- 09.08- 09.08-	113992 115433 115713 115730 116319	14 140 14 140 14 180 A49 14 140 14 180		09.08- 10.09-	115311 115638	12 2.0 12 1.7
	[CFGB]	09.08- 09.08- 09.08- 09.08- 09.08-	113992 115433 115713 115730 116319	14 140 14 140 14 180 A49 14 140 14 180		10.09- 09.08-	115311 115638	12 2.0 12 1.7
	[CRLB]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115402	12 1.8
	[DDAA]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115638	12 1.7
	[DFCA]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115638	12 1.7
	[DFEA]	03.15- 03.15-	115826 116359*	14 140 A49 14 140		03.15-	115402	12 1.8
Superb 2.5 TDi	[AYM]					12.01- 08.03	111995	12 2.0
	[BDG]	06.03- 06.03-	113510 113758	14 140 14 120		06.03-	111995	12 2.0
Superb 2.8 V6	[AMX]	12.01-	112399	14 90		12.01- 12.01-	116344* 111769	12 1.4 12 1.4 A49
Superb 3.6 4x4	[CDVA]	11.08-	115730	14 140		11.08- 11.08- 11.08- 11.08-	115610 113509 113773 115311	12 2.0 12 1.7 12 1.1 12 2.0
Superb 3.6 V6 4x4	[CDVA]	10.09- 10.09-	114697 115730	14 180 14 140		10.09- 10.09-	113509 115610	12 1.7 12 2.0
Yeti 1.2 TSi	[CBZB]	09.09- 09.09-	115765 116207*	14 140 14 110		AT 09.09- 09.09- 09.09-	115611 115612 114175	12 1.1 12 1.2 12 1.1
	[CYVB]					05.15-	115818	12 1.1
Yeti 1.4 TSi	[CAXA]	06.10- 06.10- 06.10-	114884 115528 116345*	14 140 14 140 A49 14 140		06.10-	114163	12 1.1
	[CZCA]					05.15- 05.15- 05.15-	115818 115944 116272*	12 1.1 12 1.7 12 1.1
Yeti 1.6	[CWVA]	04.14-	116383*					
Yeti 1.6 TDi	[CAYC]	11.10-	115433	14 140		11.10-	115336	12 2.2
Yeti 1.8 TSi	[CDAB]	05.09-	114722	14 140		05.09- 05.09-	113773 115900	12 1.1 12 1.1
Yeti 1.8 TSi 4x4	[CDAB]					11.09-	113773	12 1.1
	[CDA A]	05.09-	114722	14 140		05.09- 05.09-	115900 113773	12 1.1 12 1.1
Yeti 2.0 TDi	[CFHA]	11.09- 11.09- 11.09-	113992 114722 115433	14 140 14 140 14 140		11.09-	113841	12 1.7
	[CFHC]	11.11- 11.11- 11.11-	113992 115370 115433	14 140 14 110 14 140		11.11- A25 11.11-	113841 115402	12 1.7 12 1.8
	[CUUB]	05.15- 05.15- 05.15-	115826 116195* 116359*	14 140 14 180 14 140		05.15- 05.15- 05.15-	115336 115339 116156	12 2.2 12 2.0 12 2.0
Yeti 2.0 TDi 4x4	[CBDB]	05.09- 11.09 05.09- 11.09 05.09- 11.09	113992 114722 115433	14 140 14 140 14 140		05.09- 11.09 05.09- 11.09	113841 115638	12 1.7 12 1.7
	[CEGA]	11.09- 05.10 11.09- 05.10 11.09- 05.10	113992 114722 115433	14 140 14 140 14 140		11.09- 05.10	113841	12 1.7
	[CFHC]	11.09- 11.09- 11.09-	113992 115370 115433	14 140 14 110 14 140		11.09- 11.09-	113841 115638	12 1.7 12 1.7
	[CFHF]	11.09-	115433	14 140		11.09-	113841	12 1.7
	[CFJA]	05.10- 05.10- 05.10-	113992 115370 115433	14 140 14 110 14 140		05.10-	113841	12 1.7



[CLCA]		11.09- 11.09- 11.09-	113992 114722 115433	14 14 14	140 140 140		11.09-	113841	12 12 12	1.7 1.7 1.7
[CLCB]		05.09- 11.09 05.09- 11.09 05.09- 11.09	113992 114722 115433	14 14 14	140 140 140		05.09- 11.09 05.09- 11.09	113841 115638	12 12	1.7 1.7
[CUUB]		05.15- 05.15- 05.15-	115826 116195* 116359*	14 14 14	140 180 140		05.15- 05.15- 05.15-	115402 115539 116156	12 12 12	1.8 2.0 2.0
Smart (MCC)										
PASSENGER CARS EU										
Cabrio 0.6	[M160.920]	06.02- 01.04	112384	14	75	w/o bushing in rear brackethole	06.02- 01.04	115951	12	0.8
Cabrio 0.7	[M160.910]	01.03- 01.04	112384	14	75	w/o bushing in rear brackethole	01.03- 01.04	115951	12	0.8
City 0.6	(MCC01)[M160.920]	06.02- 01.04	112384	14	75	w/o bushing in rear brackethole	06.02- 01.04	115951	12	0.8
City 0.7	[M160.910]	01.03- 01.04	112384	14	75	w/o bushing in rear brackethole	01.03- 01.04	115951	12	0.8
City 0.8 CDI	(450..)[OM660.940] [OM660DE8LA]	11.99- 01.04 11.99- 01.04	114040 114040	14 14	85 85		11.99- 01.04 11.99- 01.04	114051 114051	12 12	1.0 1.0
Crossblade 0.6	[M160.920]	10.02-	112384	14	75	w/o bushing in rear brackethole	06.02-	115951	12	0.8
Forfour 0.9	(453)[M281.910]	11.14-	116095*	14	90					
Forfour 1.0	(453)[M281.920]	07.14-	116095*	14	90					
Forfour 1.1	(454)[M134.911] [M134.910]	01.06-	115441	14	85		01.06- 04.04-	114108 114108	12 12	0.9 0.9
Forfour 1.3	[M135.930]						04.04-	114108	12	0.9
Forfour 1.5	(454)[135.950]						04.04-	114108	12	0.9
Forfour 1.5 Brabus	(454)[M122.950]						05.05-	114108	12	0.9
Forfour 1.5 Sportsstyle	(454)[M135.950]	01.04-	115441	14	85		01.04-	114108	12	0.9
Forfour 1.5 CDI	(454)[OM639.939]	09.04-	114406	14	115		09.04- 06.07	114183	12	1.8
Fortwo 0.6	(450)[M160.910]	01.04- 02.07	112384	14	75		01.04- 02.07	115951	12	0.8
Fortwo 0.7	(450)[M160.910] [M160.910]	01.04- 01.07 01.04-	112384 112384	14 14	75 75	w/o bushing in rear brackethole	01.04- 01.07 01.04-	115951 115951	12 12	0.8 0.8
Fortwo 0.8 CDI	(450..)[OM660.940] [OM660DE8LA] (451)[OM660.950] [OM660.951]	01.04- 03.07 01.04- 03.07 01.07- 01.07- 08.09- 08.09-	114040 114040 115746 115952 115746 115952	14 14 14 14 14 14	85 85 90 90 90 90		01.04- 03.07 01.04- 03.07 01.07- 01.07- 08.09- 08.09-	114051 114051 114051 114051	12 12 12 12	1.0 1.0 1.0 1.0
Fortwo 0.9	(453)[M281.910]	09.14-	116095*	14	90					
Fortwo 0.9 Brabus	(453)[M281.910]	07.16-	116240*	12	125					
Fortwo 1.0	(451)[M132.910] (453)[M281.920]	01.07- 07.14-	114472 116095*	14 14	90 90		01.07- 07.14-	114487 114487	12 12	1.0 1.0
Fortwo 1.0 Brabus	(451)[M132.930]	01.08-	114472	14	90		01.08-	114487	12	1.0
Fortwo 1.0 Turbo	(451)[M132.930]	01.07-	114472	14	90		01.07-	114487	12	1.0
Roadster 0.7	(452)[160.921] (452, 332)[M160.921] (452, 434)[160.922] [160.922]	04.03- 06.03- 04.03- 04.03-	112384 112384 112384 112384	14 14 14 14	75 75 75 75	w/o bushing in rear brackethole w/o bushing in rear brackethole w/o bushing in rear brackethole	04.03- 06.03- 04.03- 04.03-	115951 115951 115951 115951	12 12 12 12	0.8 0.8 0.8 0.8
Roadster 0.7 Brabus	[M160.923]	12.03-	112384	14	75	w/o bushing in rear brackethole	12.03-	115951	12	0.8
Smart 0.6	(MCC01)[M160.920] [M160E6ALB05] [M160.910] [M160.920] [M160E6ALB03] [M160E6ALB04] [M160E6ALB05] [M160E6ALB03]	01.01- 01.04 01.01- 01.04 01.01- 01.01- 01.04 07.98- 01.04 07.98- 01.04 07.98- 07.98- 01.01- 01.01- 01.01- 03.00- 03.00-	112384 114025 112384 114025 112384 114025 112384 114025 112384 114025 112384 114025 112384 114025 112384 114025 112384 114025 112384 114040 114040	14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14	75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 75 85 85		01.01- 01.04 01.01- 01.04 01.01- 01.04 01.01- 01.04 07.98- 01.04 07.98- 01.04 07.98- 01.04 07.98- 01.04 01.01- 01.04 01.01- 01.04 01.01- 01.04 03.00- 01.04 03.00- 01.04	115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 115951 114051 114051	12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12	0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8 1.0 1.0
Solaris										
TRUCKS EU										
Urbino 12 10.8	[MX-11210] [MX-11240] [MX-11271]						01.12- 01.12- 01.12-	116378* 116378* 116378*	24 24 24	6.0 6.0 6.0
Urbino 12.9 10.8	[MX-11210] [MX-11240] [MX-11271]						01.12- 01.12- 01.12-	116378* 116378* 116378*	24 24 24	6.0 6.0 6.0
Urbino 15 10.8	[MX-11240] [MX-11271]						01.12- 01.12-	116378* 116378*	24 24	6.0 6.0
Urbino 18 10.8	[MX-11240] [MX-11271]						01.12- 01.12-	116378* 116378*	24 24	6.0 6.0



SOLARIS Continued

Vacanza 12 12.6	[XE250C]	06.02- 12.06	113284	28 80		06.02- 12.06	113934	24 5.5
		06.02- 12.06	115491	28 80 A49				
		06.02- 12.06	115617	28 100 A49				
		06.02- 12.06	115618	28 100				
Vacanza 12 12.9	[MX300]	10.05-	114089	28 80		10.05- 10.05-	115511 114073	24 5.5 A49 24 5.5
		10.05-	114314	28 110				
		10.05-	115495	28 80 A49				
Vacanza 13 12.9	[MX300]	10.05-	114089	28 80		10.05- 10.05-	114073 115511	24 5.5 24 5.5 A49
		10.05-	114314	28 110				
		10.05-	115495	28 80 A49				

Sole Diesel

MOTORS									
Mini-33 1.3 Diesel	[Mitsubishi]		112492	14 50					
Mini-44 1.8 Diesel	[Mitsubishi]		112492	14 50					

Ssangyong

PASSENGER CARS EU

Actyon 2.0 Xdi	[D20DT]					11.05- 07.07-	112440 114270	12 2.2 12 2.2	
Actyon 2.0 Xdi 4WD	[D20DT]					10.06- 07.07-	112440 114270	12 2.2 12 2.2	
Actyon 2.0 XDi Sports pick-up	[D20DT]					04.07-	112440	12 2.2	
Actyon Sports 2.0 XDi	[D20DT]					04.07-	114270	12 2.2	
Korando 2.0 4WD	[M161E20]	07.96- 02.02	112530	14 120		07.96-	111347	12 1.2	
Korando 2.2 Diesel 4WD	[DC23]	12.88- 12.96	112578	14 75					
Korando 2.3	[M161E23]	07.96- 02.02	112530	14 120		07.96-	111347	12 1.2	
Korando 2.3 4WD	[M161E23]	07.96- 02.02	112530	14 120		07.96-	111347	12 1.2	
Korando 2.3 Diesel 4WD	[OM601.940]	12.96-	112529	14 90		12.96-	111065	12 2.2	
		12.96-	112578	14 75					
		12.96-	116129	14 90 A49					
Korando 2.9 Diesel	[OM662]	11.97- 01.99	112529	14 90		11.97- 01.99	111065	12 2.2	
		11.97- 01.99	112578	14 75					
		11.97-	116129	14 90 A49					
Korando 2.9 Diesel 4WD	[OM662]	12.96-	112529	14 90		12.96-	111065	12 2.2	
		12.96-	112578	14 75					
		12.96-	116129	14 90 A49					
Korando 2.9 TD	[OM662]	04.98-	112578	14 75		04.98-	111065	12 2.2	
Korando 3.2	[M104.992]	06.97-	112578	14 75					
	[M104.995]	01.99-	112578	14 75					
Korando 3.2 4WD	[M104.995]	12.96-	112578	14 75					
Kyron 2.0 Xdi 4x4						05.05-	114270	12 2.2	
Kyron 2.7 XDi	[D27DT]					03.06-	114270	12 2.2	
Musso 2.0 4WD	[E20]	10.96-	112530	14 120		10.96-	111347	12 1.2	
Musso 2.3						04.03-	111347	12 1.2	
Musso 2.3 4WD	[M111.970]	10.96-	112530	14 120		10.96-	111347	12 1.2	
Musso 2.3 Diesel 4WD	[OM601.940]	10.95-	112529	14 90		10.95-	111065	12 2.2	
		10.95-	112578	14 75					
		10.95-	113768	14 95					
		10.95-	116129	14 90 A49					
		10.95-	112529	14 90		10.95-	111065	12 2.2	
		10.95-	112578	14 75					
Musso 2.9 Diesel 4WD	[OM662]	03.96-	112529	14 90		03.96-	111065	12 2.2	
		03.96-	112578	14 75					
		03.96-	116129	14 90 A49					
Musso 2.9 TD		04.98-	112578	14 75		05.97-	111065	12 2.2	
Musso 3.2 4WD	[M104.992]	06.96-	112194	14 120					
Rexton 2.7 XDi Turbo 4x4	[D27DTP]					03.11-	114270	12 2.2	
Rexton 2.7 XDi	[D27DT]					08.04-	111065	12 2.2	
						08.04- 08.06	114270	12 2.2	
Rexton 2.7 XDi 4x4	[D27DT]					03.11-	114270	12 2.2	
Rexton 2.9 TD	[OM602.962]					09.02-	111065	12 2.2	
						04.02-	112440	12 2.2	
						04.02-	114270	12 2.2	
Rodius 2.7 Xdi	[D27DT]					05.05- 05.05-	112440 114270	12 2.2 12 2.2	
Rodius 2.7 Xdi 4WD	[D27DT]					05.05- 05.05-	112440 114270	12 2.2 12 2.2	
Various Models		07.96-	116129	14 90 A49		07.96-	111347	12 1.2	
		10.86-	112529	14 90		07.96-	111065	12 2.2	
TRUCKS EU									
Cargo 14.6	[OM442.]	01.93-	110895	28 55		01.93-	110210	24 6.6	
Mixer 69T 14.6	[OM442.]	01.93-	110895	28 55		01.93-	110210	24 6.6	
Steiner									
AGRICULTURE									
230	[Kubota]		113856	14 40					
Steyr									
TRUCKS EU									
590.110 6.0	[WD610.00]	01.75- 12.82	112098	14 65					
	[WD610.01]	01.69- 12.82	112098	14 65					
	[WD610.19]	01.75- 12.82	112098	14 65					
690.110 6.0	[WD610.01]	01.69- 12.82	112098	14 65					
	[WD610.00]	01.69- 12.79	112098	14 65					
790.132 6.0	[WD610.19]	01.69- 12.79	112098	14 65					
	[WD610.60]	01.71- 12.79	112098	14 65					
	[WD610.69]	01.71- 12.79	112098	14 65					
790.150 6.0	[WD610.70]	01.71- 12.79	112098	14 65					
	[WD610.00]	01.68- 12.79	112098	14 65					
890.132 6.0	[WD610.19]	01.68- 12.79	112098	14 65					
	[WD610.60]	01.68- 12.79	110766	28 27					
890.150 6.0	[WD610.69]	01.68- 12.79	110766	28 27					
	[WD610.70]	01.68- 12.79	110766	28 27					
	[WD614.01]	01.68- 12.78	110766	28 27		01.68- 12.78	110601	24 5.4	
990.180 8.1	[WD614.01]	01.68- 12.78	112098	14 65					
	[WD614.20]	01.68- 12.78	110766	28 27		01.68- 12.78	110601	24 5.4	
991.200 9.7	[WD615..]					05.78- 12.87	110601	24 5.4	



	[WD615.00]							110601	24	5.4	
	[WD615.20]							110601	24	5.4	
1290.320 12.0	[WD815.60]	01.71- 12.78	110766	28	27		01.71- 12.78	110208	24	5.4	
	[WD815.70]	01.71- 12.78	110766	28	27						
1291.260 9.7	[WD615..]						05.78- 12.82	110601	24	5.4	
	[WD615.60]							110601	24	5.4	
	[WD615.61]							110601	24	5.4	
	[WD615.70]							110601	24	5.4	
	[WD615.71]							110601	24	5.4	
1291.280 9.7	[WD615.65]		112288	28	55			110533	24	5.4	
	[WD615.67]		112288	28	55			110533	24	5.4	
	[WD615.69]		112288	28	55			110533	24	5.4	
	[WD615.75]		112288	28	55			110533	24	5.4	
	[WD615.77]		112288	28	55			110533	24	5.4	
1490.320 12.0	[WD815.60]	01.71- 12.78	110766	28	27		01.71- 12.78	110208	24	5.4	
	[WD815.70]	01.71- 12.78	110766	28	27		01.72- 12.78	110208	24	5.4	
1491.260 9.7	[WD615..]						05.78- 12.82	110601	24	5.4	
	[WD615.61]							110601	24	5.4	
	[WD615.70]							110601	24	5.4	
	[WD615.71]							110601	24	5.4	
1491.280 9.7	[WD615.65]							110533	24	5.4	
	[WD615.67]							110533	24	5.4	
	[WD615.69]							110533	24	5.4	
	[WD615.75]							110533	24	5.4	
	[WD615.77]							110533	24	5.4	
1890.320 12.0	[WD815.60]	01.75- 12.79	110766	28	27						
10 S 14 6.6	[WD 612..]						04.86-	110527	24	4.0	
10 S 18 6.6	[WD 612..]						04.86-	110527	24	4.0	
11 S 14 6.6	[WD 612..]						07.89-	110527	24	4.0	
11 S 18 6.6	[WD 612..]						07.89-	110527	24	4.0	
12 S 14 6.6	[WD 612..]						04.86-	110527	24	4.0	
12 S 18 6.6	[WD 612..]						04.86-	110527	24	4.0	
12 S 21 6.6	[WD 612..]						04.86-	110527	24	4.0	
1290.230 1290.240 8.1	[WD614.60]	01.68- 12.78	110766	28	27						
	[WD614.69]	01.68- 12.78	110766	28	27						
	[WD614.79]	01.68- 12.78	110766	28	27						
13 S 14 6.6	[WD 612..]	09.88-	112288	28	55		09.88-	110527	24	4.0	
13 S 18 6.6	[WD 612..]	09.88-	112288	28	55		09.88-	110527	24	4.0	
13 S 21 6.6	[WD 612..]	07.89-	112288	28	55		09.88-	110527	24	4.0	
13 S 23 6.6	[WD 612..]	07.89-	112288	28	55						
14 S 14 6.6	[WD 612..]	06.86-	112288	28	55		04.86-	110527	24	4.0	
14 S 18 6.6	[WD 612..]	04.86-	112288	28	55		04.86-	110527	24	4.0	
14 S 21 6.6	[WD 612..]	04.86-	112288	28	55		04.86-	110527	24	4.0	
15 S 14 6.6	[WD 612..]	04.86-	112288	28	55						
15 S 18 6.6	[WD 612..]	04.86-	112288	28	55		04.86-	110527	24	4.0	
15 S 21 6.6	[WD 612..]	04.86-	112288	28	55		04.86-	110527	24	4.0	
15 S 23 6.6	[WD 612..]	04.86-	112288	28	55		04.86-	110527	24	4.0	
16 S 18 6.6	[WD 612..]						04.86-	110527	24	4.0	
16 S 21 6.6	[WD 612..]						04.86-	110527	24	4.0	
16 S 23 6.6	[WD 612..]	04.86-	112288	28	55						
17 S 18 6.6	[WD 612..]	09.88-	112288	28	55		09.88-	110527	24	4.0	
17 S 21 6.6	[WD 612..]	09.88-	112288	28	55		09.88-	110527	24	4.0	
17 S 23 6.6	[WD 612..]	09.88-	112288	28	55						
19 S 24 9.7	[WD 615..]	01.88-	112288	28	55		01.88-	110533	24	5.4	
19 S 28 9.7	[WD 615..]	01.88-	112288	28	55		01.88-	110533	24	5.4	
19 S 31 9.7	[WD 615..]	10.87-	112288	28	55		10.87-	110533	24	5.4	
19 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
19 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
19 S 39 12.0	[WD 815..]	05.90- 06.96	112288	28	55		05.90- 06.96	110208	24	5.4	
22 S 28 9.7	[WD 615..]	01.88-	112288	28	55		01.88-	110533	24	5.4	
22 S 31 9.7	[WD 615..]	10.87-	112288	28	55		10.87-	110533	24	5.4	
22 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
22 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
26 S 28 9.7	[WD 615..]	01.88-	112288	28	55		01.88-	110533	24	5.4	
26 S 31 9.7	[WD 615..]	10.87-	112288	28	55		10.87-	110533	24	5.4	
26 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
26 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
32 S 28 9.7	[WD 615..]	01.88-	112288	28	55		01.88-	110533	24	5.4	
32 S 31 9.7	[WD 615..]	10.87-	112288	28	55		10.87-	110533	24	5.4	
32 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
32 S 37 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
33 S 31 9.7	[WD 615..]	10.87-	112288	28	55		10.87-	110533	24	5.4	
33 S 34 12.0	[WD 815..]	10.87- 06.96	112288	28	55		10.87- 06.96	110208	24	5.4	
40 S 31 9.7	[WD 615..]	01.88-	112288	28	55		01.88-	110533	24	5.4	
40 S 34 12.0	[WD 815..]	01.88- 06.96	112288	28	55		01.88- 06.96	110208	24	5.4	
40 S 37 12.0	[WD 815..]	01.88- 06.96	112288	28	55		01.88- 06.96	110208	24	5.4	
AGRICULTURE											
8050 2.6	[WD 311..]	09.86-	113469	14	33						
8060 2.6	[WD 311..]	09.80- 02.87	113469	14	33						
8065 2.6	[WD 311..]	09.86- 09.94	113469	14	33						
8070 3.5	[WD 411..]	01.80- 09.94	113469	14	33		01.80-	111001	12	3.0	DD
8075 3.5	[WD 411..]	01.84- 09.94	113469	14	33		01.84-	111001	12	3.0	DD
8080 3.5	[WD 411..]	01.80- 09.94	113469	14	33		01.80-	111001	12	3.0	DD
8085 3.5	[WD 411..]						02.90-	111001	12	3.0	DD
8090 3.5	[WD 411..]	01.84- 04.94	113469	14	33		01.84-	111001	12	3.0	DD
8110 5.2	[WD 611..]	07.84- 09.94	113469	14	33		12.78-	111001	12	3.0	DD
8130 5.2	[WD 611..]	07.84- 09.94	113469	14	33		10.84-	111001	12	3.0	DD
8150 6.6	[WD 612..]	12.82- 09.94	113469	14	33						
8300 9.7	[WD615..]						02.82- 04.87	110601	24	5.4	
Still											
FORK LIFTS											
Various Forklift											
Subaru											
PASSENGER CARS EU											
Forester 2.0	[EJ20]	09.02-	114214	14	80		06.98-	111552	12	1.0	
		06.98- 09.02	113634	14	90		AT 06.98-	111451	12	1.4	

STARTERS & ALTERNATORS



Application list

SUBARU Continued

Forester 2.0 4WD	[EJ20]					AT 08.97-08.97	111451 111552	12 1.4 12 1.0
Forester 2.0 X	[EJ204]	09.05-	115453	14 110		09.05-	111552	12 1.0
Forester 2.0 Turbo S	[EJ20]	09.02-	114214	14 80		06.98-	111552	12 1.0
		06.98-04.01	113634	14 90		AT 06.98-	111451	12 1.4
	[EJ205]	04.01-09.02	113634	14 90		07.98-	111552	12 1.0
Forester 2.5	[EJ25]	12.03-	113634	14 90		12.03-	111451	12 1.4
		12.03-	114214	14 80		12.03-	111552	12 1.0
		12.03-	115453	14 110				
Forester 2.5 4x4	[EJ25D]	07.97-05.02	114214	14 80				
Forester 2.5 XT	[EJ255]	09.05-	115453	14 110		09.05-	111552	12 1.0
Forester 2.5 Turbo 4x4		09.98-05.02	114214	14 80				
Impreza 1.5	[EL15]	05.06-	114214	14 80				
Impreza 1.5 4x4	[EL15]	02.08-	114214	14 80				
Impreza 1.6	[EJ16]	12.00-	113634	14 90		06.01-09.06	113634	
		06.01-09.06	114214	14 80		12.00-06.01	111552	12 1.0
	[EJ161]	06.01-09.06	114214	14 80				
	[EJ16E]	12.96-12.00	113634	14 90		12.96-	111552	12 1.0
Impreza 1.6 4WD	[EJ16E]	12.96-12.00	113634	14 90		12.96-	111552	12 1.0
Impreza 1.6 i	[EJ16]	06.98-12.00	113634	14 90		08.92-12.00	111552	12 1.0
Impreza 1.6 i 4WD	[EJ16]	06.98-12.00	113634	14 90		08.92-12.00	111552	12 1.0
Impreza 1.8 i 4WD	[EJ18]					AT 08.92-08.92	111451 111552	12 1.4 12 1.0
Impreza 2.0	[EJ20]	12.00-	113634	14 90		12.00-	111552	12 1.0
Impreza 2.0 4WD	[EJ20]	12.95-12.00	113634	14 90		AT 12.00-	111451	12 1.4
						12.95-	111552	12 1.0
Impreza 2.0 R	[EJ20]	09.05-	115453	14 110		09.05-	111552	12 1.0
	[EJ204]	09.05-	115453	14 110		09.05-	111552	12 1.0
						09.05-	111451	12 1.4
Impreza 2.0 16V AWD	[EJ20]	06.98-12.00	113634	14 90		06.98-12.00	111552	12 1.0
Impreza 2.0 i Turbo GT 4WD	[EJ20]	03.94-12.00	113634	14 90		03.94-	111552	12 1.0
Impreza 2.0 i Turbo 4WD	[EJ20]	03.94-12.00	113634	14 90		AT 03.94-	111451	12 1.4
						03.94-	111552	12 1.0
						AT 03.94-	111451	12 1.4
Impreza 2.0 i 4WD	[EJ207]	11.01-	113634	14 90		11.01-	111552	12 1.0
	[EJ20]	10.95-12.00	113634	14 90		10.95-12.00	111552	12 1.0
Impreza 2.0 Turbo	[EJ205]	12.00-	113634	14 90		AT 10.95-12.00	111451	12 1.4
						AT 07.01-	111451	12 1.4
Impreza 2.0 Turbo 4WD	[EJ20G]					12.93-07.98	111552	12 1.0
Impreza 2.0 Turbo GT 4WD	[EJ205]	06.98-12.00	113634	14 90		06.98-12.00	111552	12 1.0
	[EJ20T]	06.98-12.00	113634	14 90		06.98-12.00	111552	12 1.0
Impreza 2.0 Turbo WRX	[EJ205]	12.00-	113634	14 90		AT 07.01-	111451	12 1.4
Impreza 2.0 Turbo WRX 4WD	[EJ205]	12.02-	113634	14 90		12.02-	111451	12 1.4
		12.02-	114214	14 80				
Impreza 2.5 AWD	[EJ257]	07.11-12.12	115453	14 110		01.13-	111552	12 1.0
Impreza 2.5 WRX	[EJ255]	09.05-	115453	14 110		09.05-	111552	12 1.0
Impreza 2.5 WRX S AWD	[EJ255]	02.09-12.10	115453	14 110				
Impreza 2.5 WRX STi	[EJ257]	09.05-	115453	14 110		09.05-	111552	12 1.0
Impreza 2.5 WRX STi 330S AWD	[EJ257]	05.09-12.10	115453	14 110				
Impreza Estate 2.5 GB270 AWD	[EJ255]	07.07-12.07	115453	14 110		07.07-12.07	111552	12 1.0
Impreza Saloon 2.5 AWD	[EJ255]	01.07-12.07	115453	14 110		01.07-12.07	111552	12 1.0
Justy 1.3	[M13A]	09.03-	114023	14 70				
Justy 1.5	[M15A]	09.03-	114023	14 70				
Legacy 2.0	[EJ20]	12.98-08.03	113634	14 90		12.98-	111552	12 1.0
						AT 12.98-	111451	12 1.4
Legacy 2.5	[EJ25]	12.98-08.03	113634	14 90		12.98-	111552	12 1.0
						AT 12.98-	111451	12 1.4
Legacy 1.8 1800	[EJ18SPI]					AT 01.89-01.90	111451	12 1.4
						01.89-07.94	111552	12 1.0
Legacy 1.8 1800 4WD	[EJ18]					AT 01.89-01.90	111451	12 1.4
						01.89-07.94	111552	12 1.0
Legacy 2.0	[EJ20]	09.03-	115453	14 110		04.99-	111552	12 1.0
		04.99-08.03	113634	14 90		AT 04.99-	111451	12 1.4
	[EJ204]	09.09-	116032*	14 130		09.09-	111451	12 1.4
Legacy 2.0 2000	[EJ20EMPI]					AT 05.92-12.93	111451	12 1.4
						05.92-12.93	111552	12 1.0
Legacy 2.0 2000 4WD	[EJ20]					05.92-	111552	12 1.0
Legacy 2.0 i	[EJ204]	09.09-	116032*	14 130				
	[EJ20E]					09.94-	111552	12 1.0
	[EJ20EMPI]					09.94-	111552	12 1.0
	[FB20]	09.09-	116032*	14 130				
Legacy 2.0 i 4WD	[EJ20]					AT 01.94-08.98	111451	12 1.4
						09.94-	111552	12 1.0
Legacy 2.0 Turbo 2000 4WD	[EJ20-GN]					05.92-12.93	111552	12 1.0
Legacy 2.2 2200 4WD	[EJ22]					AT 01.89-01.90	111451	12 1.4
						01.89-	111552	12 1.0
Legacy 2.2 i	[EJ22]					AT 01.94-05.97	111451	12 1.4
						09.94-	111552	12 1.0
Legacy 2.2 i 4WD	[EJ22]					AT 01.94-05.97	111451	12 1.4
						06.96-04.97	111451	12 1.4
						01.94-05.96	111552	12 1.0
Legacy 2.5	[EJ25]	09.03-	115453	14 110		09.03-	111451	12 1.4
		09.03-	115796	14 110		09.03-	111552	12 1.0
		10.98-08.03	113634	14 90				
	[EJ253]	09.09-	116032*	14 130				
	[EJ25D]					06.96-08.98	111451	12 1.4
Legacy 2.5 i 4WD	[EJ25D]					06.96-11.98	111451	12 1.4
Legacy 2.5 Turbo	[EJ25]	01.08-	116032*	14 130				
Legacy 3.0	[EZ30]					09.03-	111451	12 1.4
Legacy 3.0 H6	[EZ30]					10.00-	111451	12 1.4
Leone 1.3 1300	[EA65]	11.84-09.91	110703	14 55				
		PS 11.84-09.91	110267	14 55				
Leone 1.6	[EA71]	01.90-	110703	14 55				
Leone 1.6 1600	[EA71]	11.84-09.91	110703	14 55				
		PS 11.84-09.91	110267	14 55				



Leone 1.6 4x4	[EA71]	01.90-	110703	14 55				
Leone 1.8	[EA82]	06.85- 07.86	110267	14 55	06.85- 07.86	111451	12 1.4	
Leone 1.8 1800 4WD	[EA81]	09.80- 10.84	110703	14 55				
	[EA82]	11.84- 12.90	110703	14 55	AT 11.84- 07.91	111451	12 1.4	
		12.86- 07.91	110267	14 55				
	PS	11.84- 12.90	110267	14 55				
Leone 1.8 1800 Super 4WD	[EA81]	09.80- 10.84	110703	14 55				
Leone 1.8 1800 Turismo 4WD	[EA81]	09.80- 10.84	110703	14 55				
Leone 1.8 Turbo 1800 4WD	[EA82]	11.84- 12.90	110267	14 55	AT 11.84- 12.90	111451	12 1.4	
		03.89- 12.90	110703	14 55				
	PS	03.89- 12.90	110267	14 55				
Leone 1.8 Turbo 1800 Super 4WD	[EA82]	11.84- 12.90	110703	14 55	AT 11.84- 12.90	111451	12 1.4	
		PS	11.84- 12.90	110267	14 55			
Outback 2.5	[EJ25]	10.00- 08.03	113634	14 90				
	[EJ253]	09.09-	116032*	14 130				
	[EJ25D]	11.03-	115453	14 110	11.03-	111552	12 1.0	
		11.03-	115796	14 110	11.03-	111451	12 1.4	
Outback 3.0	[EZ30]				11.03-	111451	12 1.4	
Rex 0.5 550	[EK23]	08.81- 06.87	110385	14 40				
Rex 0.5 550 4WD	[EK23]	08.83- 06.87	110385	14 40				
Rex 0.5 Turbo 550		07.84- 06.87	110385	14 40				
Rex 0.7 700	[EK42]	08.82- 06.89	110385	14 40				
SVX 3.3 i 24V	[EG33]				09.92-	111451	12 1.4	
Vivio 0.65 660 4WD	[EN07E]				03.92- 10.95	111451	12 1.4	
Sumitomo								
FORK LIFTS								
Various Models			111495	14 40		111005	12 0.8	
Suzuki								
PASSENGER CARS EU								
Alto 0.8	(SB308, CA)[F8B]	01.86- 11.93	110385	14 40	01.86- 11.93	111561	12 0.6	
Alto 1.0	(EF)[G10BB]	09.94-	111279	14 50	09.94-	111310	12 0.8	
	(GF)[K10B]	01.09-	115868	14 70	01.09-	114761	12 1.0	
Alto 1.1	[F10D]	06.02-	111779	14 70	06.02-	111310	12 0.8	
	[F10DN]	09.04-	111779	14 70	09.04-	111310	12 0.8	
Alto K10 1.0		10.12- 03.15	115868	14 70	10.12- 03.15	114761	12 1.0	
Baleno 1.3	(EG)[G13BA]	09.96-	111779	14 70	09.96-	111310	12 0.8	
Baleno 1.3 16V	[G13BB]	03.97-	111779	14 70	03.97-	111310	12 0.8	
Baleno 1.3 i 16V	[G13BB]	04.95-	111779	14 70	07.95-	111310	12 0.8	
Baleno 1.6 i 16V	[G16B]	07.95-	111779	14 70				
		07.95-	111950	14 85	07.95-	111310	12 0.8	
Baleno 1.6 i 16V 4WD	[G16B]	04.95-	111779	14 70	07.95-	111310	12 0.8	
Baleno 1.8 GT	(EG)[J18A]	03.96-	111779	14 70				
		03.96- 05.02	115957	14 70				
	[J18A]	03.96-	111779	14 70				
		03.96- 05.02	115957	14 70				
Baleno 1.8 i 16V	[J18A]	08.96-	111779	14 70				
		08.96- 05.02	115957	14 70				
Baleno 1.9 TD	(EG)[DHW (XUD9BSD)]	04.98-	113485	14 80				
	[DHW (XUD9SD)]	04.98- 05.02	113485	14 80				
Carry 0.8	(ST90V)[F8A]	11.80- 10.85	110258	14 35	04.78- 11.87	110402	12 0.6	
Carry 1.0	(ED)[F10A]	10.85- 03.99	110385	14 40	10.85- 03.99	111385	12 0.6	
					10.85- 03.99	110402	12 0.6	
	(SK410)[F10A]	07.85- 12.90	110385	14 40	07.85- 12.90	110402	12 0.6	
	[F10A]	11.96- 03.99	110385	14 40	11.96- 03.99	110402	12 0.6	
Carry 1.3	(FD)[G13BB]				03.99-	114773*	12 0.7	
Carry 1.3 16V	(FD)[G13BB]				03.00-	114773*	12 0.7	
Grand Vitara 1.6	(JT)[M16A]	03.15-	114881	14 80	03.15-	114060	12 1.0	
	[G16B]	03.98-	111779	14 70				
		03.98-	113322	14 60	03.98-	110394	12 0.85	
	[M16A]	10.05-	114881	14 80	10.05-	114060	12 1.0	
Grand Vitara 1.6 4x4	(GT)[G16B]	03.98- 07.03	113322	14 60				
	(JT)[M16A]	03.15-	114881	14 80	03.15-	114060	12 1.0	
Grand Vitara 1.9 DDiS	(JT)[F9QB]	10.05-	115305	14 140	10.05-	112474	12 1.8	
Grand Vitara 2.0	[J20A]	10.05-	111779	14 70				
		10.05-	114881	14 80	03.98-	110394	12 0.85	
		03.98-	113322	14 60	AT 10.05-	112300	12 1.4	
		03.98- 07.03	115957	14 70	10.05-	115538	12 1.4	
Grand Vitara 2.0 4x4	(FT, GT)[J20A]	04.98- 08.05	111779	14 70	AT 01.00- 08.05	114225	12 1.6	
					04.98- 08.05	112300	12 1.4	
	(GT)[J20A]	03.98- 07.03	114247	14 75				
Grand Vitara 2.0 HDi	(FT, GT)[RHZ]				07.01- 07.03	114061	12 2.0	
	[RHW]	07.01-	112461	14 150	11.00- 12.05	114061	12 2.0	
	[RHZ]				11.00- 12.05	114061	12 2.0	
Grand Vitara 2.0 TD Intercooler	[RF]	03.98-	112332	14 70	03.98-	110389	12 2.0	
Grand Vitara 2.4 4x4	[J24B]	01.09-	116292*	14 75				
Grand Vitara 2.5 V6 24V	(FT, GT)[H25A]				08.04-	112300	12 1.4	
Grand Vitara 2.7 XL-7	(FT, GT)[H27A]				04.03- 07.03	112300	12 1.4	
Grand Vitara 2.7 V6	[H27A]				09.01-	112300	12 1.4	
Ignis 1.3	(FH)[M13A]	10.00- 09.03	111779	14 70	10.00- 09.03	114060	12 1.0	
	[M13A]	09.03-	114023	14 70	09.03-	114060	12 1.0	
Ignis 1.3 4WD	(FH)[M13A]	10.00- 09.03	111779	14 70	10.00- 09.03	114060	12 1.0	
Ignis 1.3 4x4	[M13A]	09.03-	114023	14 70	09.03-	115349	12 1.2	MI
					09.03-	114060	12 1.0	ND
Ignis 1.3 DDiS	[Z13DT]	09.03-	113720	14 75				
		09.03-	113722	14 90				A49
		09.03-	115963	14 90				
		09.03-	116064	14 75	09.03-	113843	12 1.1	
Ignis 1.5	(FH)[M15A]	08.03- 12.05	114215	14 75	08.03- 12.05	114060	12 1.0	
	[M15A]	09.03-	114023	14 70	09.03-	114060	12 1.0	
		09.03-	114215	14 75	09.03-	115349	12 1.2	
Ignis 1.5 4WD	[M15A]	09.03-	114023	14 70	09.03-	114060	12 1.0	
		09.03-	114215	14 75	09.03-	115349	12 1.2	
Ignis 1.5 Sport	(FH)[M15A]	12.03-	114215	14 75	12.03-	114060	12 1.0	
Jimny 1.3	(SN)[M13A]	08.04-	114215	14 75	08.04-	115349	12 1.2	
					08.04-	114060	12 1.0	
Jimny 1.3 4x4	(FJ)[M13A]	05.14-	114215	14 75	05.14-	114060	12 1.0	
Jimny 1.3 16V	(FJ)[M13A]	02.01-	113322	14 60	02.01-	110394	12 0.85	

STARTERS & ALTERNATORS



Application list

SUZUKI Continued

	[G13BB]	09.98-	111779	14 70				
		10.98-	113322	14 60		09.98-	110394	12 0.85
Jimny 1.3 16V 4WD	(FJ)[M13A]	02.01-	111779	14 70		02.01-	110394	12 0.85
		02.01-	113322	14 60		08.05-	115349	12 1.2
		08.05-	114215	14 75				
	(SN)[G13BB]	09.98-	113322	14 60		09.98-	110394	12 0.85
	[G13BB]	09.98-	111779	14 70				
		09.98-	113322	14 60		09.98-	110394	12 0.85
Jimny 1.5 DDIS 4WD	(FJ)[K9K266]	12.03- 08.05	114207	14 100		08.05-	113897	12 1.4
	[K9K700]	12.03- 08.05	114533	14 100		12.03-	115778	12 1.4
Liana 1.3	(ER)[M13A]	07.01-	111779	14 70				
		07.01-	113322	14 60		07.01-	114060	12 1.0
		07.01-	114215	14 75		07.01-	115349	12 1.2
	[M13A]	03.02-	111779	14 70				
		03.02-	113322	14 60		03.02-	114060	12 1.0
		03.02-	114023	14 70		03.02-	115349	12 1.2
Liana 1.4 DDIS	(ER)[8HY]	03.05-	113755	14 150				
Liana 1.6	(ER)[M16A]	07.01-	111779	14 70				
		07.01-	113322	14 60		07.01-	114060	12 1.0
		07.01-	114215	14 75		07.01-	115349	12 1.2
	[M16A]	03.02-	111779	14 70				
		03.02-	113322	14 60		04.02-	114060	12 1.0
		03.02-	114215	14 75		03.02-	115349	12 1.2
Liana 1.6 4WD	(ER)[M16A]	07.01-	111779	14 70				
		07.01-	113322	14 60		07.01-	114060	12 1.0
		07.01-	114215	14 75		07.01-	115349	12 1.2
	[M16A]	03.02-	111779	14 70				
		03.02-	113322	14 60				
		03.02-	114215	14 75		03.02-	115349	12 1.2
LJ 80 0.8 4WD	[F8A]	01.80- 01.84	110258	14 35		10.77- 10.82	110421	12 0.8
Samurai 1.0	(SJ410)[F10A]					11.88-	111475	12 0.8
Samurai 1.0 4x4	(SJ)[F10A]	05.90- 10.94	111086	14 65		05.90- 10.94	111475	12 0.8
Samurai 1.3	(SJ)[G13A]	04.88- 07.92	111086	14 65		04.88- 07.92	110394	12 0.85
	(SJ413)[G13A]	11.88-	110965	14 50		11.88-	110394	12 0.85
	[G13BA]	11.88-	110965	14 50		11.88-	110394	12 0.85
Samurai 1.9 Diesel	(SJ)	09.00- 12.04	112230	14 80		09.00- 12.04	111070	12 1.7
Samurai 1.9 TD	(SJ)[XUD9]	11.98-	112292	14 70		11.98-	113481	12 1.4
		11.98-	112292	14 70		11.98-	111070	12 1.7
SJ 410 1.0 4WD	(SJ410)[F10A]	09.81- 12.88	110137	14 30		01.81- 03.87	110421	12 0.8
		09.87- 12.88	110385	14 40		01.87- 12.88	111475	12 0.8
SJ 413 1.3	(SJ413)[G13A]	09.84- 08.90	110965	14 50		09.84- 08.90	110394	12 0.85
SJ 413 1.3 4x4	[G13B]	09.84- 12.85	110965	14 50	A13	09.84- 12.85	110394	12 0.85
Splash 1.0	[K10B]	01.08-	114247	14 75		01.08-	114871	12 1.1
Splash 1.2	[K12B]	01.08-	114247	14 75		01.08-	116270	12 1.2
Splash 1.2 VVT	[K12B]	06.11-	114247	14 75		06.11-	116270	12 1.2
Splash 1.3 CDTi	[D13A]	01.08-	113722	14 90 A49				
		01.08-	115963	14 90		01.08-	113843	12 1.1
	[Z13DTJ]	01.08-	113722	14 90 A49				
		01.08-	115963	14 90		01.08-	113843	12 1.1
Super Carry Box 1.0	(ED SK410)[F10A]	04.85- 07.92	110385	14 40		04.85- 07.92	110402	12 0.6
Swift 1.0	(SA310,AA41,43)[G10]	10.83- 03.89	110965	14 50		10.83- 03.89	111310	12 0.8
	[G10A]	10.84- 03.89	110965	14 50		10.84- 03.89	111310	12 0.8
	(SF310,AA44)[G10A]	03.89-	110967	14 50		03.89-	111310	12 0.8
Swift 1.0 i	(SF310,AA44)[G10A]	03.89- 12.91	110967	14 50				
		09.91- 05.01	114894	14 60		03.89- 12.91	111310	12 0.8
Swift 1.0 Turbo	(SA310)[G10T]	02.85- 12.89	110965	14 50				
Swift 1.2	(AZG412)[K12B]	10.10-	116439*	14 80		10.10-	116270	12 1.2
	[K12B]	10.10-	116439*	14 80		10.10-	116270	12 1.2
Swift 1.2 4x4	[K12B]	10.10-	116439*	14 80		10.10-	116270	12 1.2
Swift 1.3	(EA,MA)[G13BB]	06.01- 12.03	114894	14 60		06.01- 12.03	111310	12 0.8
	(ME, EZ)[M13A]	Chas. -00500000	02.05-	114245	14 75			
		Chas. 00500001-	02.05-	114247	14 75	02.05-	114060	12 1.0
	(SA413,AA51)[G13A]	10.84- 03.89	110965	14 50		10.84- 03.89	111310	12 0.8
	(SA413,AA51,AA53)[G13A]	10.84- 03.89	110965	14 50		10.84- 03.89	111310	12 0.8
	(SA413,AA53)[G13A]	08.86- 03.89	110965	14 50		08.86- 03.89	111310	12 0.8
	(SF413)[G13A]	03.89- 12.91	110967	14 50		03.89- 12.91	111310	12 0.8
	(SF413,AB35)[G13A]	03.89- 12.91	110967	14 50		03.89- 12.91	111310	12 0.8
	(SF413,AH35)[G13A]	03.89-	110967	14 50		03.89-	111310	12 0.8
	(SF413,AK35)[G13BA]	09.91-	110967	14 50		09.91-	111310	12 0.8
	(SG)[M13A]	02.05-	114245	14 75				
		02.05-	114247	14 75		02.05-	114060	12 1.0
Swift 1.3 4WD	(ME, EZ)[M13A]	01.06-	114215	14 75				
		01.06-	114881	14 80		01.06-	114060	12 1.0
	(SF413, AA35)[G13A]	03.89-	110967	14 50		01.90- 12.91	111310	12 0.8
	(SF413,AF35)[G13A]	10.89- 12.91	110967	14 50		10.89- 12.91	111310	12 0.8
Swift 1.3 GTi	(SA413,AA33)[G13B]	08.86- 03.89	111279	14 50		08.86- 03.89	111310	12 0.8
	(SF413,AA34)[G13B]	03.89- 05.01	110967	14 50		03.89-	111310	12 0.8
Swift 1.3 GXi	(SA413,AA33)[G13B]	08.86- 03.89	111279	14 50				
Swift 1.3 DDIS	(AZG)[D13A]					10.10-	116102	12 1.1
	(MZ, EZ)[D13A]	08.05-	113722	14 90 A49				
		08.05-	115933	14 150		08.05-	113843	12 1.1
	[Z13DTJ]	08.05-	113722	14 90 A49				
		08.05-	115963	14 90				
	(SG)[Z13DT]	08.05-	113722	14 90 A49				
		08.05-	115963	14 90		08.05-	113843	12 1.1
Swift 1.5	(ME, EZ)[M15A]	02.05-	111779	14 70				
		02.05-	114245	14 75		02.05-	114060	12 1.0
Swift 1.6	(ME, EZ)[M16A]					05.06-	114060	12 1.0
	(MZ, EZ)[M16A]	01.12-	116439*	14 80		01.12-	114060	12 1.0
	(SF416,AH14)[G16B]	11.89- 12.91	111279	14 50		11.89- 12.91	111310	12 0.8
Swift 1.6 4WD	[G16B]	09.91- 09.95	111279	14 50		11.89- 12.91	111310	12 0.8
Swift 1.6 i	(SF416,AH14)[G16B]	01.91- 09.95	111279	14 50		09.91- 09.95	111310	12 0.8
Swift 1.6 i 4WD	(SF416,AJ14)[G16B]	01.91- 09.95	111279	14 50		09.91- 09.95	111310	12 0.8
SX4 1.5	[M15A]	06.06-	114247	14 75		06.06-	114060	12 1.0
SX4 1.5 VVT	(GY)[M15A]	07.10-	114247	14 75		07.10-	114060	12 1.0
SX4 1.5 VVT 4x4	(EY, GY)[M15A]					07.10-	114060	12 1.0



SX4 1.6	[M16A]	10.07-	114881	14	80	10.07-	114060	12	1.0
SX4 1.6 AWD	(GY)[M16A]					10.07-	114060	12	1.0
SX4 1.6 WT	[M16A]	06.06-	114247	14	75	06.06-	114060	12	1.0
SX4 1.6 WT 4WD	[M16A]	06.06-	114247	14	75	06.06-	114060	12	1.0
SX4 1.6 VVT	(EY, GY)[M16A]	11.10- 12.15	114247	14	75	11.10- 12.15	114060	12	1.0
	(RW416)[M16A]	07.09-	114247	14	75	07.09-	114060	12	1.0
SX4 1.6 VVT 4x4	(GY)[M16A]	07.09-	114247	14	75	07.09-	114060	12	1.0
	(RW416)[M16A]	07.09-	114247	14	75	07.09-	114060	12	1.0
SX4 1.6 DDiS	[D16AA]					08.13-	115444	12	1.4
SX4 1.6 DDiS 4x4	[D16AA]					08.13-	115444	12	1.4
SX4 1.9 DDiS	(RW419)[D19AA]	06.06-	113996	14	140	06.06-	113430	12	1.8
SX4 1.9 DDiS 4WD	[D19AA]	06.06-	113996	14	140	06.06-	113430	12	1.8
SX4 2.0 DDiS	(RW420D)[D20AA]	07.09-	115866	14	150	07.09-	115444	12	1.4
SX4 2.0 DDiS 4x4	(RW420D)[D20AA]	07.09-	115866	14	150	07.09-	115444	12	1.4
Vitara 1.6	(ET)[G16A]	11.88- 12.91	111279	14	50	11.88- 12.91	110394	12	0.85
	(ET, TA)[G16B]	02.91- 03.98	111279	14	50	A13 02.91- 03.98	110394	12	0.85
	(TA)[G16A]	09.91- 01.95	111279	14	50	09.91- 01.95	110394	12	0.85
Vitara 1.6 4X4	(ET, TA)[G16A(8V)]	10.88- 12.98	111279	14	50	10.88- 12.98	110394	12	0.85
Vitara 1.6 16V	(ET)[G16B]	09.91- 12.94	111279	14	50	09.91- 12.94	110394	12	0.85
Vitara 1.6 i 4WD	(ET)[G16B]	09.91- 12.94	111279	14	50				
		07.95- 03.99	111779	14	70	09.91- 12.94	110394	12	0.85
Vitara 1.9 Diesel	(ET)[XUD9A]	01.95- 03.98	112292	14	70	01.95- 03.98	111070	12	1.7
	[XUD9A]					08.96- 03.99	111070	12	1.7
Vitara 1.9 Diesel 4WD	[XUD9A]	01.95- 03.98	112292	14	70	01.95- 03.98	111070	12	1.7
Vitara 2.0 16V	[J20A]	12.96- 03.98	111779	14	70				
		12.96- 03.98	113322	14	60				
Vitara 2.0 16V 4WD	[J20A]	12.96- 03.99	111779	14	70				
		12.96- 03.99	113322	14	60				
Vitara 2.0 i Lang	[H20A]	12.94- 03.98	111779	14	70				
		03.95- 03.98	111950	14	85	AT 03.95-	112300	12	1.4
Vitara 2.0 Diesel 4WD	[RF]	03.95- 03.98	112332	14	70	12.94- 03.98	110389	12	2.0
Vitara 2.0 TD Intercooler 4WD	[RF]	12.95-	112332	14	70	12.95- 03.98	110389	12	2.0
Vitara 2.5 i 24V	(ET)[H25A]	03.95- 03.98	111950	14	85	03.95- 03.98	112300	12	1.4
Vitara 2.5 V6 24V	[H25A]					04.98-	112300	12	1.4
Wagon R 1.0	[G10A]	07.03- 08.05	114894	14	60	07.03- 08.05	111310	12	0.8
	[K10A]	09.97- 05.00	113322	14	60	02.98- 05.00	111849	12	0.8
Wagon R MPV 1.3	(RB413)[M13A]	09.03- 12.10	114245	14	75	09.03- 12.10	114060	12	1.0
Wagon R+ 1.2 4WD	[K12A]	02.98-	111779	14	70				
Wagon R+ 1.2 i	[K12A]	02.98-	111779	14	70				
Wagon R+ 1.25 DDiS	(MM)[Z13DT]	09.03-	113720	14	75	A49			
		09.03-	113722	14	90	A49			
		09.03-	115963	14	90				
		09.03-	116064	14	75	09.03-	113843	12	1.1
Wagon R+ 1.3	(MM)[G13BB]	AC 05.00-	111779	14	70				
		AC 05.00-	111950	14	85	05.00-	111310	12	0.8
	[M13A]	09.03-	111950	14	85				
		09.03-	114245	14	75	09.03-	114060	12	1.0
Wagon R+ 1.3 4WD	(MM)[G13BB]	AC 10.01-	111779	14	70				
		AC 10.01-	111950	14	85	10.01-	111310	12	0.8
Wagon R+ 1.3 VVT 4WD	(MM)[M13A]	09.03-	114245	14	75	09.03-	114060	12	1.0
		03.04-	111279	14	50				
X-90 1.6 i 16V	[G16B]	09.96-	111279	14	50	09.96-	110394	12	0.85
X-90 1.6 i 16V 4WD	[G16B]	09.95-	111279	14	50	09.95-	110394	12	0.85
MOTOR BIKES									
AN400 0.4						01.03-	114182	12	0.7
KFX80 0.8						01.03- 01.06	111922	12	
LT80 0.8						01.87- 01.06	111922	12	
MARINE									
DF Series							114867	12	0.9
DT20						01.86- 01.88	112008	12	0.6
DT25						01.80- 01.88	112008	12	0.6
DT30						01.83- 01.97	112008	12	0.6
DT35						01.87- 01.89	112008	12	0.6
DT40						01.80- 01.98	112008	12	0.6
PU40						01.92- 01.95	112008	12	0.6
PU55						01.89- 01.90	112008	12	0.6
Saab									
PASSENGER CARS EU									
900 2.0	[B20T]	09.78- 08.80	110911	14	55				
	[BT20]	09.78- 08.80	110911	14	55				
900 2.0 EMS	[B120]	01.79- 08.80	110911	14	55				
900 2.0 i	[B204I]					07.93- 08.98	110847	12	1.4
	[B206I]					07.93- 07.94	110847	12	1.4
900 2.0 Turbo	[B204L]					07.93- 08.98	110847	12	1.4
900 2.3	[B234I]					07.93- 08.98	110847	12	1.4
900 2.5 i V6	[B258I]	07.93- 10.98	111514	14	100				
9000 2.0	[B202I]					09.93- 12.98	110847	12	1.4
	[B202S]					09.93- 12.98	110847	12	1.4
	[B204E]					09.94- 12.98	110847	12	1.4
	[B204I]					09.93- 12.98	110847	12	1.4
	[B204S]					09.93- 12.98	110847	12	1.4
9000 2.0 Turbo	[B202S]	09.92- 12.98	111514	14	100				
	[B204E]	09.92- 12.98	111514	14	100				
9000 2.0 Turbo ND	[B202S]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12	1.4
	[B204E]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12	1.4
	[B204S]	09.93- 12.98	111514	14	100	09.93- 12.98	110847	12	1.4
9000 2.3	[B234I]					09.93- 12.98	110847	12	1.4
9000 2.3 Aero CS	[B234R]					09.93-	110847	12	1.4
9000 2.3 CS	[B234I]					09.93-	110847	12	1.4
9000 2.3 CSE	[B234I]					09.93-	110847	12	1.4
9000 2.3 Ecopower	[B234E]					09.93- 12.98	110847	12	1.4
9000 2.3 Turbo	[B234L]					09.93- 12.98	110847	12	1.4
9000 2.3 Turbo CS	[B234L]					09.93-	110847	12	1.4
9000 2.3 Turbo CSE	[B234L]					09.93-	110847	12	1.4
9-3 1.8 BioPower	[B207E]					01.07-	114124	12	1.8
9-3 1.8 i	[Z18XE]	09.04-	115619	14	120	09.04-	113276	12	1.1
9-3 1.8 Turbo	[B207E]	09.02-	114257	14	140				

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SAAB Continued

9-3 1.9 TiD	[Z19DT]	09.04-09.04-09.04-	113904 114284 115487	14 130 14 130 14 140 A49		09.04-03.05-	114058 113931	12 1.7 12 1.7	
	[Z19DTH]	09.04-09.04-09.04-09.04-	113904 114284 115487	14 130 14 130 14 140 A49	AT	09.04-09.04-	113931 114058	12 1.7 12 1.7	
	[A19DTR]	12.07-	114284	14 130		12.07-12.07-	113931 114058	12 1.7 12 1.7	
	[Z19DTR]	12.07-	114284	14 130		12.07-	113931	12 1.7	
	[A20NFT]					01.11-	115575	12 1.4	
	[B207G]	01.07-01.07-	113352 116197*	14 120 14 120		01.07-	115773	12 1.3	
9-3 1.9 TTiD	[B207M]	02.09-	113352	14 120		02.09-	115773	12 1.3	
	[B207R]	09.02-05.09-	114257 113352	14 140 14 120		05.09-06.08-	115773 114341	12 1.3 12 1.2	
						04.06-09.07-	114341	12 1.2	
	[B207L]					01.07-	114341	12 1.2	
	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 XWD	[B207G]	01.07-	113352	14 120		01.07-	115773	12 1.3	
	[B204I]	02.98-08.00	113273	14 140		02.98-12.99	110847	12 1.4	
	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 i Turbo	[B204E]	10.98-08.00	113273	14 140		10.98-12.99	110847	12 1.4	
	[B204L]					02.98-12.99	110847	12 1.4	
	[B205E]	09.99-08.03	113273	14 140		01.01-09.02	110847	12 1.4	
	[B205L]					02.98-12.99	110847	12 1.4	
	[B205R]	03.98-08.00	113273	14 140		10.99-09.02	110847	12 1.4	
	[B207E]	03.05-	113352	14 120		03.05-03.05-	115773 114341	12 1.3 12 1.2	
	[B207G]	01.07-	113352	14 120		01.07-	115773	12 1.3	
	[B207L]	09.02-	114257	14 140		03.05-	114124	12 1.8	
	[B207R]	09.02-05.09-	114257 113352	14 140 14 120		05.09-	115773	12 1.3	
	[B204R]	09.98-08.00	113273	14 140		02.98-12.99	110847	12 1.4	
	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 Turbo XWD	[B207R]	05.09-	113352	14 120		05.09-	115773	12 1.3	
	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 Biopower	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 Biopower XWD	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 Biopower BioPower	[B207L]	01.07-05.09-	114257 113352	14 140 14 120		05.09-	115773	12 1.3	
	[B207M]	06.07-	113352	14 120		06.07-	115773	12 1.3	
	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 Turbo Biopower	[B207M]	02.09-	113352	14 120		02.09-	115773	12 1.3	
	[A20NFT]					01.11-	115575	12 1.4	
9-3 2.0 Biopower	[A20NFT]					06.07-	114341	12 1.2	
9-3 2.2 TD	[D223L]	09.02-	114468	14 140		09.02-	113674	12 2.0	
9-3 2.2 TiD	[D223L]					11.00-09.02	113674	12 2.0	
9-3 2.3 i	[B234I]					02.98-12.99	110847	12 1.4	
9-3 2.3 Turbo	[B235R]	09.99-08.03	113273	14 140		10.99-08.03	110847	12 1.4	
9-3 2.8	[B284L]					04.08-	115597	12 1.4	
	[B284R]					05.08-	115597	12 1.4	
9-3 2.8 Turbo 16V	[LP9]					03.05-	115597	12 1.4	
9-3 2.8 Turbo V6	[B284L]					12.07-	115597	12 1.4	
	[B284R]					05.08-02.15	115597	12 1.4	
	[LP9]					03.05-	115597	12 1.4	
9-3 2.8 Turbo	[B284R]					05.08-	115597	12 1.4	
9-3X 1.9 TTiD	[A19DTR]	02.09-02.09-02.09-	114088 114284 115487	14 140 14 130 14 140 A49		02.09-02.09-	113931 114058	12 1.7 12 1.7	
	[Z19DTR]	02.09-02.09-02.09-02.09-	114088 114284 115487	14 140 14 130 14 140 A49		02.09-02.09-	113931 114058	12 1.7 12 1.7	
	[B207R]	02.09-	113352	14 120		02.09-	115773	12 1.3	
	[B207R]	02.09-	113352	14 120		02.09-	115773	12 1.3	
	[A16LET]	05.10-	114067	14 140		05.10-	114298	12 1.1	
	[Z19DTH]	01.06-	114284	14 130		01.06-	113931	12 1.7	
9-5 1.9 TiD	[Z19DTR]	01.07-	114284	14 130		01.07-	113931	12 1.7	
	[A20NHT]					05.10-05.10-	115575 115773	12 1.4 12 1.3	
	[B204R]	Chas. 13054632-09.99-08.00	113273	14 140		10.98-	110847	12 1.4	
9-5 2.0 Turbo Biopower	[B205E]	09.97-09.00	116199	14 140		09.97-	110847	12 1.4	
	[A20NHT]					05.10-05.10-	115575 115773	12 1.4 12 1.3	
9-5 2.0 TiD	[A20DTH]					05.10-	113931	12 1.7	
9-5 2.0 TTiD	[A20DTR]	05.10-05.10-	114202 114847	14 100 14 140		05.10-	114058	12 1.7	
9-5 2.2 TiD	[D223L]	03.02-	114656	14 140		03.02-	113674	12 2.0	
9-5 2.3 Turbo 16V	[B235E]	Chas. 13054632-09.97-08.00	113273	14 140		09.97-	110847	12 1.4	
9-5 2.3 Turbo	[B235E]	Chas. 13054632-06.99-08.00	113273	14 140		10.98-	110847	12 1.4	
	[B235L]	07.03-	113273	14 140					
	[B235R]	05.99-09.01	113273	14 140	Chas. W3084484-, X3003578-	10.99-	110847	12 1.4	
		Chas. 13054632-05.99-09.01	113273	14 140					
9-5 2.8 V6 XWD	[A28NER]					05.10-05.10-	115597 115745	12 1.4 12 2.2	
9-5 3.0 TiD	[D308L]	07.01-	115907	14 140		07.01-	114526	12 2.0	
Takeuchi									
INDUSTRY									
TL140 Terrain Loader	[Isuzu]		115432	14 50					
Various Models			115814	28 50					
Talbot									
PASSENGER CARS EU									
Express 1.8	[XM7T]					09.81-12.93	111066	12 1.05	
Express 1.9 Diesel	[XUD9A]	07.87-12.93	111076	14 50		11.87-12.93	111070	12 1.7	
Express 2.0	[XN1TA]					09.81-12.93	111066	12 1.05	
Express 2.5 Diesel	[CRD93]					09.81-12.93	111115	12 2.2	
Express 2.5 Diesel 4x4	[CRD93]					09.81-12.93	111115	12 2.2	
Express 2.5 TD	[CRD93LS]					09.81-12.93	111066	12 1.05	
						06.87-12.93	111115	12 2.2	



Express 2.5 TD 4x4	[CRD93LS]				09.81- 12.93	111066	12 1.05
					11.88- 12.93	111115	12 2.2
Horizon 1.9 Diesel	[XUD9]	07.82- 06.86	111076	14 50	07.82- 06.86	111070	12 1.7
Samba 1.0	[5C1 (XV5)]	01.81- 12.85	111075	14 55	01.81- 12.85	111068	12 0.85
	[5C1 (XV8)]	06.83- 12.87	111075	14 55	06.83- 12.87	111068	12 0.85
Samba 1.1	[XW7]	01.81- 06.86	111075	14 55	01.81- 06.86	111068	12 0.85
Samba 1.2 Rallye	[129D]	06.83- 12.87	111075	14 55	06.82- 12.87	111068	12 0.85
Samba 1.4	[150D]	06.83- 10.86	111075	14 55	06.83- 10.86	111068	12 0.85
	[XY7]	06.83- 12.87	111075	14 55	06.83- 12.87	111068	12 0.85
	[XY8]	01.81- 12.87	111075	14 55	01.81- 12.87	111068	12 0.85
Samba 1.4 Rallye	[XY8]	01.83- 10.86	111075	14 55	01.83- 10.86	111068	12 0.85
Solara 1.6	[J1B]				11.84- 07.86	111070	12 1.7
Sunbeam 1.3 Simca	[JB]	07.77- 04.81	110178	14 36			
Sunbeam 1.6 Simca	[TB]	10.78- 04.81	110178	14 36			
Tata							
PASSENGER CARS EU							
Safari 1.9 Diesel	[483DL]	04.00-	112650	14 65			
Tatra							
TRUCKS EU							
Various Models			111009	28 35			
TCM							
FORK LIFTS							
FC 3024						111683	12 2.0
						111709	12 2.2
						111573	12 2.8
FD10Z 14Z 15Z 18Z 20Z						116445*	12 1.4
FG 15	[A15]		110128	14 35		110256	12 0.8
						110155	12 1.0
						111452	12 0.8
FG 20			112068	14 35		110155	12 1.0
			110128	14 35		111452	12 0.8
						110256	12 0.8
FHG 35						110144	12 1.0
FHG 40						110144	12 1.0
FT 25						110412	12 2.2
Various Models	[Kubota V3300]					114167	12 3.0
Various Models	[15-20T]					114346	24 5.5
Tecumseh							
MOTORS							
HM70 - HM100						112312	12 0.48
OH50						112566	12 0.5
OHH50						112566	12 0.5
OHV110						112566	12 0.5
OHV120						112566	12 0.5
OHV130						112566	12 0.5
OHV135						112566	12 0.5
						112565	12 0.5
OHV14						112565	12 0.5
OHV145						112565	12 0.5
OHV15						112565	12 0.5
OHV150						112565	12 0.5
OHV155						112565	12 0.5
OHV16						112565	12 0.5
OHV160						112565	12 0.5
OHV165						112565	12 0.5
OHV17						112565	12 0.5
OHV170						112565	12 0.5
OHV175						112565	12 0.5
OV120						112312	12 0.48
OVXL120						112312	12 0.48
TVM170 - TVM220						112312	12 0.48
TVXL170 - TVXL220						112312	12 0.48
MISCELLANEOUS							
Various Models						112313	12 0.5
Teksan							
MOTORS							
TJ145PE5A	[1006-TAG]					115389	12 4.2
Temsa							
TRUCKS EU							
14 10.5	[D2066LOH04]	01.06-	114528*	28 120			
		01.06-	115496	28 120 A49			
HD 12 10.8	[MX-11.320]				01.15-	116378*	24 6.0
HD 13 10.8	[MX-11.320]				01.15-	116378*	24 6.0
Marathon 12 10.8	[MX-11.320]					116378*	24 6.0
Terex							
AGRICULTURE							
TX750 TX860B TX860SB TS965 4.4 Diesel		01.99-	115848	14 95			
INDUSTRI							
873			114714	28 80			
Thermo King							
MISCELLANEOUS							
30 DI TC		01.89-	110487	14 37			
		01.89-	110488	14 65			
30 MAX					01.79-	110820	12 2.0
		01.89-	110487	14 37			
		01.89-	110488	14 65			
HK 100	[TK2.44]	01.89-	110487	14 37			
		01.89-	110488	14 65			
HK 30	[TK2.44]	01.89-	110487	14 37			
		01.89-	110488	14 65			
HK 60	[TK2.44]	01.89-	110487	14 37			
		01.89-	110488	14 65			
KD 30	[TK3.66]	01.89-	110487	14 37			
		01.89-	110488	14 65			
KD 50	[TK3.66]	01.89-	110487	14 37			
		01.89-	110488	14 65			



Application list

THERMO KING *Continued*

SB II 30 DI TC		01.89-	110487	14 37			
		01.89-	110488	14 65			
SB III		01.90-	111216	14 37			
	Super	01.93-	111216	14 37	01.93-	110820	12 2.0
TD II 30	[TK3.88]	01.89-	110487	14 37			
		01.89-	110488	14 65			
TD II 50 MAX	[TK3.88]	01.89-	110487	14 37			
		01.89-	110488	14 65			
Various Models			113716	14 120		114213	12 2.0
			110422	14 30		114253	12 2.0 HI
			114348	28 150	01.70- 01.88	112232	12 2.4
			116079	14 90		110820	12 2.0 HI
						110485	12 1.4 ND
					112371	12 2.2 HI	
Thomas							
INDUSTRI							
225	[V3300]		114807	14 60			
245	[V3300]		114807	14 60			
Thwaites							
INDUSTRI							
Various Models						113269	12 3.0
Timberjack							
INDUSTRI							
608		01.95-	112160	28 75			
618		01.95-	112160	28 75			
628		01.95-	112160	28 75			
850		01.98-	112160	28 75			
950		01.98-	112160	28 75			
1010	[1004-4T]	01.97- 01.98	112038	28 100			
2618		01.95-	112160	28 75			
2628		01.95-	112160	28 75			
810C	[1004-40T]	01.99-	112038	28 100			
Toro							
INDUSTRI							
52	[Briggs & Stratton]				01.79- 01.86	111804	12 0.6
224	[Mitsubishi]				01.89- 01.96	112178	12 1.6
220D	[Mitsubishi]				01.88- 01.91	112178	12 1.6
223D	[Mitsubishi]				01.01	112178	12 1.6
5100D	[Mitsubishi]					112178	12 1.6
Precision Z320	[Honda]					115406	12 0.8
Precision Z340	[Honda]					114375	12 0.6
Precision Z350	[Honda]					114375	12 0.6
Timecutter Z530	[Honda]					114375	12 0.6
Toyota							
PASSENGER CARS EU							
4 Runner 3.0 TD	[1KZ-T]				11.95-	113757	12 2.2
4 Runner 3.0 TD 4WD	(N130)[1KZ-T]				10.93- 03.96	113757	12 2.2
4 Runner 3.4	[5VZ-FE]	11.95- 07.02	114362	14 80			
4 Runner 3.4 i	[5VZ-FE]	11.95- 03.96	114362	14 80			
Auris 1.2	(NZE18_, ZRE18_) [8NR-FTS]				03.15-	114886	12 1.2
Auris 1.3 Dual-VVTi	(NRE15_, ZZE15_)	A25 01.10-	114682	14 100			
	(NRE150)[1NR-FE]	A25 05.09-	114682	14 100			
Auris 1.4 D-4D	(NDE150)[1ND-TV]	03.07-	113972	14 100	03.07-	115644	12 2.0
		03.07-	115657	14 100	03.07-	115723	12 1.4
	(NZE18_, ZRE18_) [1ND-TV]				A13 03.07-	114071	12 2.0
					03.07-	114068	12 1.1
Auris 1.6	(NZE18_, ZRE18_) [1ZR-FAE]				10.12-	115723	12 1.4
					03.13-	115723	12 1.4
Auris 1.6 VVTi	(ZRE151)[1ZR-FAE]	05.09-	114694	14 100	10.12-	114886	12 1.2
		05.09-	114886	12 1.2			
Auris 1.6 VVTi	(ZRE51)[1ZR-FAE]	03.07-	114455	14 90	05.09-	114886	12 1.2
		03.07-	115863	14 100	03.07-	114886	12 1.2
Auris 1.8	(NZE18_, ZRE18_) [2ZR-FAE]				10.12-	114886	12 1.2
					02.09-	114886	12 1.2
Auris 2.0 D-4D	(ZRE152)[2ZR-FAE]	02.09-	114694	14 100			
		02.09-	114694	14 100			
Auris 2.0 D-4D	(ADE150)[1AD-FTV]	03.07-	114490	14 100	03.07-	114216	12 2.0
Auris 2.2 Diesel	(ADE157)[2AD-FHV]	03.07-	114490	14 100	03.07-	114216	12 2.0
Auris Touring Sports 1.2	(ADE18_, ZWE18_, ZRE18_) [8NR-FTS]				03.15-	114886	12 1.2
Auris Touring Sports 1.4 D-4D	[1ND-TV]				07.13-	115723	12 1.4
Auris Touring Sports 1.6	[1ZR-FAE]				07.13-	114886	12 1.2
Avenis 1.6	(T27)[1ZR-FAE]	02.09-	114694	14 100	02.09-	114886	12 1.2
					09.97-	111984	12 1.1
Avenis 1.6 i 16V	[4A-FE]	10.00-	113296	14 80	10.00-	113271	12 1.1
		10.00-	113296	14 80	10.00-	113271	12 1.1
Avenis 1.6 VVTi	(T25)[3ZZ-FE]	01.03- 02.04	113296	14 80			
		04.03-	114709	14 90 A49			
		04.03-	116332	14 90	04.03-	114056	12 1.3
Avenis 1.8	(T25)[1ZZ-FE]	04.03-	113296	14 80			
		04.03-	114709	14 90 A49			
	(T27)[2ZR-FAE]	04.03-	116332	14 90	04.03-	114056	12 1.3
		02.09-	114694	14 100	02.09-	114886	12 1.2
Avenis 1.8 i 16V	[7A-FE]				09.97-	111984	12 1.1
					10.00-	113271	12 1.1
Avenis 2.0	(ST220)[1ZZ-FE]	10.00-	113296	14 80	10.00-	113271	12 1.1
		10.00-	113296	14 80	10.00-	113271	12 1.1
Avenis 2.0	(T25)[1AZ-FSE]	04.03-	115416	14 100	04.03-	114817	12 1.3
					04.03-	114037	12 1.6
		02.09-	114694	14 100			
		02.09-	114694	14 100	02.09-	114886	12 1.2
		02.09-	114694	14 100	02.09-	114886	12 1.2
Avenis 2.0 i 16V	(ST220)[1AZ-FSE]				09.97-	111463	12 1.0
					10.00-	112367	12 1.4
Avenis 2.0 VVTi	(T25)[1AZ-FE]	03.03-	115416	14 100	03.03-	114817	12 1.3
Avenis 2.0 VVTi Verso	(AC_) [1AZ-FE]	08.01-	114273	14 100	08.01-	114255	12 1.3
					08.01-	112367	12 1.4



Avensis 2.0 D-4D	(T22)[1CD-FTV]	10.99- 02.03	114227	14	120	10.99-	112006	12	2.0
	(T25)[1AD-FTV]	03.06-	114390	14	100	03.06-	114216	12	2.0
	[1CD-FTV]	04.03-	114010	14	100	04.03-	112006	12	2.0
	(T27)[1AD-FTV]	11.11-	114390	14	100	11.11-	114216	12	2.0
Avensis 2.0 D-4D Verso	(AC_) [1CD-FTV]	11.11-	114410	14	130	11.11-	115839	12	2.0
		08.01-	116366	14	130	08.01-	114240	12	1.4
Avensis 2.0 Diesel	(_T22_) [1CD-FTV]	09.02- 02.03	114227	14	120				
	(T27)[1AD-FTV]	02.09-	114390	14	100				
		02.09-	114410	14	130	02.09-	115839	12	2.0
Avensis 2.0 TD	[2C-TE]					09.97-	112006	12	2.0
Avensis 2.2 D-4D	(T25)[2AD-FTV]	10.05-	114390	14	100	10.05-	114216	12	2.0
Avensis 2.2 D-4D CAT	(T25)[2AD-FHV]	07.05-	114390	14	100	07.05-	114216	12	2.0
Avensis 2.2 Diesel	(T27)[2AD-FHV]	02.09-	114390	14	100				
		02.09-	114410	14	130	02.09-	115839	12	2.0
	[2AD-FTV]	02.09-	114390	14	100				
Avensis 2.4	(T25)[2AZ-FSE]	09.03-	115416	14	100	09.03-	114037	12	1.6
Aygo 1.0	(PAB4_ _KGB4_) [1KR-FE]					A13 05.14-	116279*	12	1.2
Aygo 1.0 i	[1KR-FE]	07.05-	114090	14	70				
		07.05-	114099	14	80	07.05-	113963	12	1.1
Aygo 1.0	(KGB10)[1KR-FE]	07.05-	114090	14	70				
		07.05-	114099	14	80	07.05-	113963	12	1.1
Aygo 1.4 HDi	[2WZTV]	07.05-	112469	14	90	07.05-	113254	12	1.4
		07.05- 08.10	113755	14	150	07.05-	113933	12	1.5
Caldina 2.2 TD	(_T21_) [3C-TE]					08.97- 09.02	114240	12	1.4
Camry 1.8	(SV10)[1S-L]	10.82- 10.86	111705	14	70				
		02.83- 10.86	110496	14	60				
		02.83- 10.86	111435	14	70				
	[1S]	10.86- 08.88	111705	14	70				
		11.86- 08.88	110496	14	60				
		11.86- 08.88	111435	14	70				
Camry 1.8 i	[1S-L]	10.86- 08.88	110496	14	60				
		10.86- 08.88	111435	14	70				
		10.86- 08.88	111705	14	70	10.86- 08.88	111544	12	1.4
Camry 2.0	(SV11)[2S-EL]	03.83- 10.86	110496	14	60				
		03.83- 10.86	111435	14	70				
		03.83- 10.86	111705	14	70				
	(SV21)[3S-FE]	10.86- 05.91	111435	14	70				
		11.86- 05.91	111705	14	70	11.86- 05.91	111544	12	1.4
	[2S-E]	03.83- 05.91	111705	14	70	10.86- 05.91	111544	12	1.4
		04.86- 01.88	110496	14	60				
		04.86- 01.88	111435	14	70				
[2S-ELC]	03.83- 05.91	111705	14	70					
	04.86- 01.88	110496	14	60					
	04.86- 01.88	111435	14	70	10.86- 05.91	111544	12	1.4	
Camry 2.0 16V GLi	(SV21)[3S-FE]	11.86- 05.91	111435	14	70	11.86- 05.91	111544	12	1.4
Camry 2.0 TD	(CV20)[2C-T]					A13 08.88- 05.91	111564	12	2.2
	(CV21)[2C-T]					A13 08.88- 05.91	111564	12	2.2
	[2C-T]					A13 08.88- 05.91	111564	12	2.2
Camry 2.2	(_V20_) [5S-FE]	08.96- 09.01	111517	14	70	08.99- 09.01	112367	12	1.4
		08.99- 09.01	111468	14	80				
	(SXV10)[5S-FE]	06.91- 08.96	111435	14	70				
		06.91- 07.92	111705	14	70				
		01.92-	111517	14	70	06.91- 07.94	111544	12	1.4
			08.92-	111468	14	80	08.94-	111463	12
(SXV20)[5S-FE]	08.96- 08.99	111517	14	70	08.96- 11.01	112367	12	1.4	
		08.99- 11.01	111468	14	80				
Camry 2.4 16V	(V3)[2AZ-FE]	11.01-	114186	14	90				
Camry 2.5	(VZV21)[2VZ-FE]					02.88- 05.91	111544	12	1.4
Camry 2.5 V6 GXi	(VZV21)[2VZ-FE]					02.88- 05.91	111544	12	1.4
Camry 3.0	(VCV10)[3VZ-FE]					08.94-	111463	12	1.0
						06.91- 07.94	111544	12	1.4
Camry 3.0 24V	(MVCV20)[1MZ-FE]					08.96- 11.01	112367	12	1.4
Camry 3.0 V6	(_V20_) [1MZ-FE]					04.00-	112367	12	1.4
						11.01-	114037	12	1.6
Carina 1.6	(AT151)[4A-LC]	10.83- 11.87	110496	14	60				
		12.87- 08.90	110682	14	70	12.87- 08.90	111455	12	0.8
	[4A-F]	12.87- 08.90	110682	14	70	12.87- 08.90	110713	12	1.0
		12.87- 02.92	110682	14	70	12.87- 03.92	111455	12	0.8
	(ST150)[1S-EL]	10.83- 11.87	110496	14	60	12.87- 03.92	110713	12	1.0
		10.83- 11.87	111435	14	70				
			10.83- 11.87	111705	14	70			
	(TA1)[2T]	02.76- 03.78	110138	14	40				
		02.76- 03.78	110258	14	35				
	(TA12)[2T]	05.73- 03.78	110138	14	40				
		05.73- 03.78	110258	14	35				
	(TA4K)[2T]	03.81- 01.82	110138	14	40				
		03.81- 01.82	110258	14	35				
	(TA4K, TA60LG)[2T]	04.78- 02.82	110138	14	40				
		04.78- 09.83	110258	14	35				
(TA4L, TA60L)[2T]	01.78- 01.82	110138	14	40					
	01.78- 09.83	110258	14	35					
[2TB]	10.75- 03.78	110138	14	40					
	10.75- 03.78	110258	14	35					
Carina 1.8	(ST150)[1S-L]	10.83- 11.87	111435	14	70				
		10.83- 11.87	111705	14	70				
	[3T]	01.82- 09.83	110138	14	40				
		01.82- 02.87	110258	14	35				
Carina 2.0	(ST171)[3S-FE]	12.87- 11.89	111705	14	70	12.87- 03.92	111544	12	1.4
		11.89- 02.92	111435	14	70				
	[3S-FE]	12.87- 11.89	111705	14	70	12.87- 04.92	111544	12	1.4
		11.89- 02.92	111435	14	70				
Carina 2.0 Diesel	(T17)[2C]					A13 12.87- 11.92	111564	12	2.2
						A13 12.87- 11.92	111564	12	2.2

STARTERS & ALTERNATORS



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	[2C-L]					A13 12.87- 11.92	111564	12 2.2
Carina E 1.6	(AT190)[4A-FE]	02.92-	111579	14 70		02.92- 01.96	111984	12 1.1
						02.92- 01.96	111455	12 0.8
Carina E 1.6 GLi	(AT190)[4A-FE]	02.92-	111579	14 70		02.92- 01.96	111984	12 1.1
						02.92- 01.96	111455	12 0.8
	(ST191)[4A-FE]	01.93-	111579	14 70		01.93- 01.96	111984	12 1.1
						01.93- 01.96	111455	12 0.8
Carina E 1.6 16V	(AT190)[4A-FE]	12.94-	111579	14 70		12.94- 01.96	111984	12 1.1
						12.94- 01.96	111455	12 0.8
	(CT190)[4A-FE]	10.95-	111579	14 70		10.95- 01.96	111984	12 1.1
						10.95- 01.96	111455	12 0.8
Carina E 1.6 i	(AT190)[4A-FE]	02.95-	111579	14 70		02.95- 01.96	111455	12 0.8
						02.95- 01.96	111984	12 1.1
Carina E 1.8	(AT191)[7A-FE]	01.95-	111579	14 70		01.95- 01.96	111984	12 1.1
						01.95- 01.96	111455	12 0.8
Carina E 1.8 i	(AT191)[7A-FE]	02.95-	111579	14 70		02.95- 01.96	111984	12 1.1
						02.95- 01.96	111455	12 0.8
Carina E 2.0	(ST191)[3S-FE]	02.92-	111468	14 80		02.92-	111463	12 1.0
		02.92-	111517	14 70				
Carina E 2.0 GLi	(ST191)[3S-FE]	02.92-	111468	14 80		02.92-	111463	12 1.0
		02.92-	111517	14 70				
Carina E 2.0 GTi	(ST191)[3S-GE]	02.92- 02.94	111468	14 80				
		02.92- 02.94	111517	14 70				
Carina E 2.0 i 16V	(ST191)[3S-FE]	02.92-	111468	14 80		02.92-	111463	12 1.0
		02.92-	111517	14 70				
	[3S-GE]	02.92- 02.94	111517	14 70				
						03.94-	111463	12 1.0
Carina E 2.0 i	(ST191)[3S-FE]	02.92-	111468	14 80		02.92-	111463	12 1.0
		02.92-	111517	14 70				
	[3S-GE]	04.92- 02.94	111517	14 70				
						04.92- 02.94	111463	12 1.0
Carina E 2.0 Diesel	(CT190)[2C]	12.92- 01.96	111598	14 80		02.94- 01.96	111874	12 2.2
Carina E 2.0 TD	(CT190)[2C-T]					01.96-	111874	12 2.2
Celica 1.6	(AT180)[4A-FE]	10.89- 10.93	110682	14 70		10.89- 10.93	111455	12 0.8
						A13 10.89- 10.93	110713	12 1.0
	(T16)[4A-L]	08.85- 09.89	110496	14 60				
		04.86- 02.90	111435	14 70				
	(TA2)[2T]	02.76- 03.78	110138	14 40				
		02.76- 03.78	110258	14 35				
	(TA22)[2TB]	05.73- 03.78	110138	14 40				
		05.73- 03.78	110258	14 35				
	[2TJ]	05.73- 03.78	110138	14 40				
		05.73- 03.78	110258	14 35				
	(TA4C)[2TB]	02.79- 07.83	110138	14 40				
		02.79- 07.83	110258	14 35				
	(TA4C, TA60)[2TB]	08.77- 01.82	110138	14 40				
		08.77- 08.85	110258	14 35				
	[4A-L]	08.77- 01.82	110138	14 40				
		08.77- 08.85	110258	14 35				
	(TA60)[2T]	02.79- 08.83	110138	14 40				
		02.79- 08.83	110258	14 35				
	[2TB]	08.77- 08.85	110138	14 40				
		08.77- 08.85	110258	14 35				
Celica 1.6 GT	(AT160)[4A-GELC]	08.87- 08.89	110496	14 60				
		08.87- 08.89	111435	14 70				
	(RA6)[4A-GE]	08.83- 07.85	110496	14 60				
		12.83- 10.86	111435	14 70				
	(TA22)[2T-G]	12.74- 03.78	110138	14 40				
		12.74- 03.78	110258	14 35				
	(TA4C)[2TG]	04.80- 02.82	110138	14 40				
		04.80- 02.82	110258	14 35				
	[2T-G]	04.78- 02.82	110138	14 40				
		04.78- 02.82	110258	14 35				
Celica 1.6 16V GT	(AT160)[4A-GEL]	09.85- 08.89	110496	14 60				
		09.85- 08.89	111435	14 70				
	[4A-GEL]	04.86- 08.89	110496	14 60				
Celica 1.8 16V TS	(ZZT231)[2ZZ-GE]					11.99-	113271	12 1.1
Celica 1.8 i 16V	[7A-FE]	11.93-	111579	14 70		11.93-	111455	12 0.8
Celica 1.8 VVTi 16V	(ZZT230)[1ZZ-FE]	11.99-	114361	14 80		08.99-	113271	12 1.1
Celica 2.0	(RA40)[18R]	02.79- 07.85	110138	14 40		08.81- 08.83	110260	12 1.0
		02.79- 07.85	110258	14 35		02.79- 07.81	110152	12 0.9
	(RA6)[18R-G]	01.82- 08.85	110138	14 40				
		01.82- 10.86	110258	14 35		01.82- 07.85	110260	12 1.0
	[21R-U]	01.82- 08.85	110138	14 40				
		01.82- 08.85	110258	14 35		01.82- 08.83	110260	12 1.0
	(RA61)[21R-C]	02.82- 08.85	110138	14 40				
		02.82- 08.85	110258	14 35		02.82- 07.85	110260	12 1.0
	(RA63)[18R-G]	02.78- 08.83	110138	14 40		08.81- 08.83	110260	12 1.0
		02.78- 08.83	110258	14 35		08.77- 07.81	110152	12 0.9
	(TA2)[18R]					10.75- 07.77	110152	12 0.9
	[3S-GEL]	01.87- 08.90	110496	14 60				
		01.87- 08.90	111435	14 70				
		08.87- 08.90	111705	14 70				
Celica 2.0 GT	(ST162)[3S-GEL]	10.86- 08.90	110496	14 60				
		10.86- 08.90	111435	14 70				
		08.87- 08.90	111705	14 70				
	[3S-GELC]	10.86- 08.90	110496	14 60				
		10.86- 08.90	111435	14 70				
		08.87- 08.90	111705	14 70				
	[3S-GEL]	08.85- 08.89	111435	14 70				
		08.86- 08.89	110496	14 60				
		08.87- 08.89	111705	14 70				
	[3S-GELC]	09.85- 08.89	110496	14 60				
		09.85- 08.89	111435	14 70				
		08.87- 08.89	111705	14 70				
Celica 2.0 GTi	(ST182)[3S-GE]	03.90- 11.92	111435	14 70		10.89- 10.93	111544	12 1.4



Celica 2.0 Turbo 4WD	(ST185)[3S-GTE]	10.89- 01.94	111435	14	70				
		10.89- 01.94	111705	14	70				
Celica 2.0 Turbo GT 4WD	(T16F)[3S-GTE]	03.88- 08.90	111435	14	70				
		03.88- 08.90	111705	14	70	03.88- 08.90	111544	12 1.4	
Coaster 4.1 LPG	(ZB4_ ZB5_ HZ_)	11.03-	116029	28	60				
Coaster 4.2 TD		02.93- 10.03	116029	28	60				
Corolla 1.2	(KE/TE)[3K-B]	09.76- 11.78	110138	14	40				
		09.76- 01.80	110258	14	35				
	[3K-C]	09.76- 11.78	110138	14	40				
		09.76- 01.80	110258	14	35				
	[3K-H]	09.76- 11.78	110138	14	40				
		09.76- 01.80	110258	14	35				
	(KE20)[3K-B]	10.72- 10.75	110137	14	30				
		10.72- 06.77	110138	14	40				
	[3K-C]	10.72- 10.75	110137	14	30				
		10.72- 06.77	110138	14	40				
	[3K-H]	10.72- 10.75	110137	14	30				
		10.72- 06.77	110138	14	40				
	(KE20,25,30)[3K-B]	08.74- 10.75	110137	14	30				
		08.74- 11.78	110138	14	40				
		08.74- 12.80	110258	14	35				
	[3K-C]	08.74- 10.75	110137	14	30				
		08.74- 11.78	110138	14	40				
		08.74- 12.80	110258	14	35				
	[3K-H]	08.74- 10.75	110137	14	30				
		08.74- 11.78	110138	14	40				
		08.74- 10.75	110258	14	35				
	(KE35)[3K-B]	07.75- 11.78	110138	14	40				
		07.75- 01.80	110258	14	35				
	[3K-C]	07.75- 11.78	110138	14	40				
		07.75- 01.80	110258	14	35				
	[3K-H]	07.75- 11.78	110138	14	40				
		07.75- 01.80	110258	14	35				
	(KE36)[3K]	07.75- 11.78	110138	14	40				
	07.75- 01.80	110258	14	35					
[3K-H]	07.75- 11.78	110138	14	40					
	07.75- 01.80	110258	14	35					
Corolla 1.3	(AE,EE80)[2E-L]	10.84- 08.87	110628	14	45	03.85- 08.87	110709	12 1.0	
	[2E-LC]	05.85- 08.87	110628	14	45	05.85- 08.87	110709	12 1.0	
	(EE80)[2E-L]	10.84- 08.87	110628	14	45	03.85- 08.87	110709	12 1.0	
	[2E-LC]	05.85- 08.87	110628	14	45	05.85- 08.87	110709	12 1.0	
	(EE90)[2E]	08.87- 04.92	110628	14	45	08.87- 06.92	110709	12 1.0	
	(NRE150)[1NR-FE]					10.08-	115613	12 1.0	
	[2E-L]	10.84- 08.87	110628	14	45				
Corolla 1.3 XLi	(E10)[4E-FE]	05.92- 04.97	111518	14	70	09.95- 04.97	113649	12 1.0	
		05.92-	111678	14	60	09.95- 04.97	113665	12 0.8	
	(EE101)[4E-FE]	05.92- 04.97	111518	14	70	07.92- 04.97	113649	12 1.0	
		05.92-	111678	14	60	07.92- 04.97	113665	12 0.8	
						07.92- 05.95	110709	12 1.0	
					05.95- 04.97	110847	12 1.4		
Corolla 1.3 12V	(EE100)[2E]	05.92- 04.97	111678	14	60				
		07.92- 04.97	111538	14	80				
Corolla 1.3 16V XLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 09.95	113665	12 0.8	
						07.92- 05.95	110709	12 1.0	
						07.92- 09.95	113649	12 1.0	
Corolla 1.3 i	(EE90)[2E]	08.87- 04.92	110628	14	45				
		08.87- 12.92	111538	14	80	08.87- 05.92	110709	12 1.0	
		08.87- 12.92	111538	14	80	06.89- 04.92	110709	12 1.0	
	[2E-E]	06.89- 04.92	110628	14	45				
Corolla 1.4	[4E-FE]	04.97-	111518	14	70	04.97- 02.00	113665	12 0.8	
						04.97- 02.00	113649	12 1.0	
	[4ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 01.02	114158	14	70				
Corolla 1.4 16V	[4ZZ-FE]	02.00- 01.02	113296	14	80	02.00- 01.02	113271	12 1.1	
		02.00- 11.01	114158	14	70				
Corolla 1.4 16V GLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 09.95	113665	12 0.8	
						07.92- 05.95	110709	12 1.0	
						07.92- 09.95	113649	12 1.0	
Corolla 1.4 16V XLi	(EE101)[4E-FE]	07.92-	111518	14	70	07.92- 09.95	113665	12 0.8	
						07.92- 05.95	110709	12 1.0	
						07.92- 09.95	113649	12 1.0	
Corolla 1.4 VVTi	(E12)[4ZZ-FE]	01.02-	113296	14	80				
		01.02- 05.04	114361	14	80	01.02-	113271	12 1.1	
	(E12_ 12J_)[4ZZ-FE]	01.02-	113296	14	80				
		01.02-	114158	14	70	01.02-	113271	12 1.1	
		01.02-	114361	14	80				
	(ZZE150)[4ZZ-FE]	01.07-	114709	14	90	A49			
Corolla 1.4 D-4D	(NRE18_ ZRE18_ NDE18_)[1ND-TV]					06.13-	115723	12 1.4	
Corolla 1.4 Diesel	(E12_)[1ND-TV]	07.04-	113972	14	100	07.04-	114071	12 2.0	
			113972	14	100	07.04-	114071	12 2.0	
		(E12U_ E12J_)[1ND-TV]	07.04-	113972	14	100	07.04-	114071	12 2.0
		(E12_ 12J_)[1ND-TV]	07.04-	113972	14	100	07.04-	114071	12 2.0
Corolla 1.6	(E9_)[4A-F]	02.88- 05.92	110682	14	70	02.88- 05.92	110713	12 1.0	
		11.89- 04.92	110682	14	70	11.89- 04.92	111455	12 0.8	
						11.89- 04.92	110713	12 1.0	
	(AE92)[4A-F]	08.87- 04.92	110682	14	70	08.87- 04.92	111455	12 0.8	
						08.87- 04.92	110713	12 1.0	
						12.87- 04.92	111984	12 1.1	
	[4A-FE]	05.87- 04.92	110682	14	70	08.89- 04.92	111455	12 0.8	
						08.89- 04.92	110713	12 1.0	
	[4A-GE]	08.87- 08.89	110496	14	60				
		08.87- 04.92	111435	14	70				
	(AE95)[4A-FE]	08.88- 04.92	110682	14	70	08.88- 04.92	111455	12 0.8	
						08.88- 04.92	110713	12 1.0	
	(KE/TE)[2T]	09.76- 01.80	110138	14	40				
	09.76- 01.80	110258	14	35					
	[2TB]	09.76- 01.80	110138	14	40				

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	(NRE18_, ZRE18_, NDE18_) [1ZR-FAE]				06.13-	114886	12	1.2	
	(TE71) [2T]	09.79- 05.83	110138	14	40				
		09.79- 09.83	110258	14	35				
	[2TB]	09.79- 05.83	110138	14	40				
		09.79- 05.83	110258	14	35				
	(ZRE151) [1ZR-FAE]					01.09-	114886	12	1.2
	[3ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 01.02	114158	14	70				
	[4A-F]	08.87- 04.92	110682	14	70	02.00- 01.02	113271	12	1.1
	[4A-FE]	04.97- 10.99	111579	14	70	08.87- 04.92	110713	12	1.0
						04.97-	111455	12	0.8
						04.97- 02.00	110713	12	1.0
Corolla 1.6 GLi	(AE101) [4A-FE]	05.92-	111579	14	70	05.92- 04.97	111455	12	0.8
						05.92- 04.95	110713	12	1.0
Corolla 1.6 GT	(TE71) [2T-G]	05.80- 05.83	110138	14	40				
		05.80- 09.83	110258	14	35				
Corolla 1.6 Verso	(ZER_, ZZE_) [3ZZ-FE]	04.04-	113296	14	80				
		04.04-	114709	14	90	A49			
		04.04-	116332	14	90	04.04-	114056	12	1.3
Corolla 1.6 XLi	[4A-FE]	11.89- 04.92	110682	14	70	11.89- 04.92	111455	12	0.8
						11.89- 04.92	110713	12	1.0
Corolla 1.6 16V	(AE86) [4A-GE]	08.83- 08.87	110496	14	60				
		08.83- 07.88	111435	14	70				
	[3ZZ-FE]	02.00- 01.02	113296	14	80				
		02.00- 11.01	114158	14	70	02.00- 01.02	113271	12	1.1
	[4A-GEC]	12.85- 10.87	110496	14	60				
		12.85- 04.87	111435	14	70				
	[4A-GEL]	08.85- 08.87	110496	14	60				
		08.85- 08.87	111435	14	70				
Corolla 1.6 Dual VVTi	(ZRE151R) [1ZR-FE]	01.07-	114455	14	90	01.07-	114886	12	1.2
		01.07-	115863	14	100				
Corolla 1.6 GTi	(.E9_) [4A-GE]	07.87- 08.89	110496	14	60				
		07.87- 06.93	111435	14	70				
Corolla 1.6 i	(AE92) [4A-FE]	08.89- 04.92	110682	14	70	08.89- 04.92	111455	12	0.8
						08.89- 04.92	110713	12	1.0
Corolla 1.6 i 4WD	(.E9_) [4A-FE]	10.87- 08.90	110682	14	70	10.87- 08.90	111445	12	2.0
						10.87- 08.90	110713	12	1.0
Corolla 1.6 Si	(AE101) [4A-FE]	05.92- 04.97	111579	14	70	05.92- 04.97	111455	12	0.8
						05.92- 04.97	110713	12	1.0
	(E10) [4A-FE]	07.92- 04.97	111579	14	70	05.95- 04.97	111455	12	0.8
						07.92- 04.97	110713	12	1.0
Corolla 1.6 VVTi	(.E12U_, .E12J_) [1ZR-FE]	10.06-	114361	14	80				
	(E12_, 12J_) [3ZZ-FE]	01.02-	113296	14	80				
		01.02-	114158	14	70				
		01.02-	114361	14	80	01.02-	113271	12	1.1
Corolla 1.6 VVTi Verso	(E12) [3ZZ-FE]	01.02-	113296	14	80				
		01.02- 05.04	114158	14	70				
		01.02- 05.04	114361	14	80	01.02- 05.04	113271	12	1.1
Corolla 1.8 4WD	[7A-FE]	04.97- 07.01	111579	14	70	04.97- 10.01	110713	12	1.0
Corolla 1.8 Verso	(ZER_, ZZE_) [1ZZ-FE]	04.04-	113296	14	80				
		04.04-	114709	14	90	A49			
		04.04-	116332	14	90	04.04-	114056	12	1.3
Corolla 1.8 VVTi-i TS	(.E12U_, .E12J_) [2ZZ-GE]					10.05-	113271	12	1.1
						10.05-	114419	12	1.2
Corolla 1.8 16V 4WD	(E10) [7A-FE]	09.95- 04.97	111518	14	70	09.95- 04.97	111984	12	1.1
Corolla 1.8 GTi 4x4	(.E10) [7A-FE]	05.92- 07.95	111579	14	70				
Corolla 1.8 i 16V Verso	(E12) [1ZZ-FE]	09.01- 05.04	114158	14	70				
		09.01- 05.04	114361	14	80	01.02-	113271	12	1.1
Corolla 1.8 i WTL-i TS	(E12_, 12J_) [2ZZ-GE]					09.01-	113271	12	1.1
Corolla 1.8 VVTi	(NRE18_, ZRE18_, NDE18_) [2ZR-FE]	06.13-	113296	14	80	06.13-	114886	12	1.2
Corolla 1.8 Diesel	(.E9_) [1C]					A13 07.87- 06.92	111564	12	2.2
	(AE9_) [1C]					A13 11.89- 06.92	111564	12	2.2
	(CE90) [1C]					A13 05.87- 04.92	111564	12	2.2
	[1C]					A13 05.87- 05.88	111564	12	2.2
	[1C-L]					A13 05.87- 05.88	111564	12	2.2
Corolla 2.0 D-4D	(.E11_) [1CD-FTV]	09.00- 05.04	114227	14	120	09.00- 01.02	114240	12	1.4
						09.00-	111874	12	2.2
	(.E12_, .E12T_) [1CD-FTV]	08.02-	114010	14	100	08.02-	112006	12	2.0
	(.E12J_, .E12T_) [1CD-FTV]	04.04-	114010	14	100	04.04-	114240	12	1.4
						04.04-	112006	12	2.0
	(.E12U_, .E12J_) [1CD-FTV]	05.03-	114010	14	100	10.01-	111874	12	2.2
		05.03-	114115	14	130	10.01-	112006	12	2.0
		05.03-	116366	14	130	05.03-	114240	12	1.4
	(ADE150R) [1AD-FTV]	01.07-	114490	14	100	01.07-	114216	12	2.0
	(E12_, 12J_) [1CD-FTV]	01.02-	114010	14	100	01.02-	111874	12	2.2
		01.02-	114115	14	130	01.02-	112006	12	2.0
		01.02-	116366	14	130	01.02-	114240	12	1.4
Corolla 2.0 D-4D Verso	(E12) [1CD-FTV]	01.02- 05.04	114010	14	100	01.02-	111874	12	2.2
		01.02- 05.04	114115	14	130	01.02-	112006	12	2.0
		01.02- 05.04	116366	14	130	01.02- 05.04	114240	12	1.4
	(ZER_, ZZE_) [1CD-FTV]	04.04-	114010	14	100	04.04-	112006	12	2.0
Corolla 2.0 Diesel	(CE100) [2C]	05.92-	111507	14	80				
	[2C]	05.92-	111507	14	80				
	[2C-E]	04.97-	111507	14	80				
Corolla 2.0 Diesel XL	(CE100) [2C]	05.92-	111507	14	80				
Corolla 2.2 D-4D Verso	(ZER_, ZZE_) [2AD-FHV]	10.05-	114390	14	100				
		10.05-	114410	14	130	10.05-	114216	12	2.0
	[2AD-FTV]	10.05-	114390	14	100	10.05-	114216	12	2.0
Corona 1.8	(TT1) [3T]	06.79- 01.81	110138	14	40				
		06.79- 01.81	110258	14	35				
	[3T]	06.79- 12.81	110138	14	40				
		06.79- 07.81	110258	14	35				
Corona 2.0	(RT104) [18R]	01.76- 05.79	110138	14	40				
		01.76- 05.79	110258	14	35	01.76- 01.77	110152	12	0.9
	[18R]	09.75- 05.79	110138	14	40				
		09.75- 05.79	110258	14	35	09.75- 01.77	110152	12	0.9
Corona MK 2.0	(RX12) [18R]	12.75- 10.77	110138	14	40				
		12.75- 10.77	110258	14	35	12.75- 01.77	110152	12	0.9



Cressida 2.0	(_X6_) [21R]	05.81-07.82	110138	14	40				
		05.81-03.85	110258	14	35		05.81-03.85	110152	12 0.9
	[21R-C]	05.81-07.82	110138	14	40				
		05.81-03.85	110258	14	35		05.81-08.83	110152	12 0.9
	(RX3_) [18R]	07.77-07.81	110138	14	40				
		07.77-07.81	110258	14	35		07.77-07.81	110152	12 0.9
(RX35) [18R]		12.77-03.81	110138	14	40				
		12.77-03.81	110258	14	35		12.77-03.81	110152	12 0.9
	[21R]	02.81-07.82	110138	14	40				
	02.81-03.85	110258	14	35		02.81-07.82	110152	12 0.9	
Cressida 2.2 Diesel	(_X6_) [L]						01.83-12.84	111387	12 2.0
	[L]						06.81-12.84	111387	12 2.0
Cressida 2.4 TD	(GX7_, MX73) [2L-T]						01.85-10.88	110708	12 2.7
Crown 2.2 Diesel	(_S1_) [L]						04.80-07.83	110708	12 2.7
							04.80-07.83	111387	12 2.0
Crown 2.8	(_S1_) [5M-E]						06.79-07.83	110396	12 1.4
Crown 2.8 i	(_S1_) [5M-GE]						08.83-09.85	110396	12 1.4
Dyna 2.0	[3Y]						09.84-08.87	110397	12 1.0
	[5R]	01.77-	110137	14	30				
		01.77-	110138	14	40				
Dyna 2.4 Diesel	(LH8_) [2L]						08.87-04.95	110708	12 2.7
							08.87-04.95	111387	12 2.0
	(LY1_, _H8_) [2L]						08.87-07.01	113936	12 2.7
	[2J]						09.84-08.87	110397	12 1.0
Dyna 2.5 D-4D	(KD_, LY_) [2KD-FTV]	08.01-	114024	14	80		08.01-	116254	12 2.0
							08.01-	113938	12 2.7
Dyna 3.4 Diesel	[13B]	08.77-08.87	111613	28	50		09.84-08.87	110397	12 1.0
Dyna 100 1.8	(YH_) [2Y]						08.87-04.95	110397	12 1.0
	(YH81) [2Y]						08.85-01.95	110397	12 1.0
Dyna 100 2.4 Diesel	(LH80) [2L]	01.84-05.95	114288	14	50		09.93-05.95	112336	12 2.0
		08.88-01.91	111483	14	55				
	(LY100) [2L]						05.95-08.01	112336	12 2.0
						05.95-08.01	113936	12 2.7	
Dyna 100 Platform/Chassis 2.4 Diesel	(LY1_, YY1_) [2L]	05.95-07.01	111483	14	55		05.95-07.01	113936	12 2.7
							05.95-07.01	110708	12 2.7
Dyna 150 2.0	[3Y]						08.85-09.87	110397	12 1.0
Dyna 150 2.4 Diesel	(LY_) [2L]						05.95-07.01	113936	12 2.7
Dyna 150 2.8 Diesel	(LY61) [3L]	08.85-05.95	114288	14	50		08.85-05.95	113936	12 2.7
		08.87-01.92	111483	14	55		09.93-05.95	112336	12 2.0
							08.89-09.93	111387	12 2.0
	[3L]						09.88-06.95	110708	12 2.7
						09.88-06.95	111387	12 2.0	
Dyna 200 3.0 Diesel	(BU_) [B]	09.84-08.88	111613	28	50				
Dyna 300 3.4 Diesel	(BU85) [13B]	09.84-08.87	111613	28	50				
Hiace 1.6	(RH11, 16, 20, 30, 40) [12R]	01.79-04.83	110138	14	40		01.79-04.83	110154	12 0.8
		01.79-12.84	110258	14	35		10.81-07.83	110260	12 1.0
	[12R]	02.77-03.83	110138	14	40				
	02.77-03.83	110258	14	35		02.77-03.83	110154	12 0.8	
Hiace 1.8	(H5G) [2Y]						03.83-08.89	110397	12 1.0
	[2Y]						03.83-08.89	110397	12 1.0
Hiace 2.0	(_H10_) [1RZ]	02.90-08.95	111428	14	60		02.90-08.93	111785	12 1.0
	(H5G) [3Y]						06.84-08.89	110397	12 1.0
	(RZH102) [1RZ]	08.89-08.93	111428	14	60		08.89-08.93	111785	12 1.0
	[18R]	07.77-03.83	110138	14	40				
		07.77-03.83	110258	14	35		07.77-03.83	110152	12 0.9
	[3Y]						06.84-08.89	110397	12 1.0
Hiace 2.2 Diesel	(H5G) [L]	03.83-11.89	111483	14	55		07.79-05.84	110708	12 2.7
		03.83-11.89	114288	14	50		03.83-01.84	111387	12 2.0
	[L]	01.79-11.89	111483	14	55		01.79-05.84	110708	12 2.7
	01.79-11.89	114288	14	50		01.79-01.84	111387	12 2.0	
Hiace 2.4	(RZH103) [2RZ-E]	08.89-08.95	111428	14	60		08.89-08.93	111785	12 1.0
	[2RZ-E]	08.89-08.95	111428	14	60				
		08.95-	112357	14	70		08.89-08.93	111785	12 1.0
	08.95-	112358	14	55		08.95-	112336	12 2.0	
Hiace 2.4 4WD	(H12, 22) [2RZ-E]	08.95-04.98	112357	14	70				
		08.95-04.98	112358	14	55				
	(H18, 22) [2RZ-E]	08.95-04.98	112357	14	70				
		08.95-04.98	112358	14	55		08.95-	112336	12 2.0
	[2RZ-E]	08.89-08.95	111428	14	60		08.89-08.93	111785	12 1.0
Hiace 2.4 Diesel	(_H10_) [2L]	08.89-08.93	111605	14	70		A13 02.90-08.95	113936	12 2.7
		08.93-08.95	111601	14	70		08.93-08.95	112336	12 2.0
							A13 08.89-08.93	110708	12 2.7
							08.89-08.93	111387	12 2.0
	(H12G) [2L]						07.99-	110708	12 2.7
							07.99-	113936	12 2.7
	(H5G) [2L]	08.84-08.89	111483	14	55		06.84-08.89	110708	12 2.7
		08.84-08.89	114288	14	50		06.84-08.89	111387	12 2.0
	(LH102) [2L]	08.89-	111483	14	55	VP	08.89-08.93	111387	12 2.0
		08.89-08.93	111605	14	70		A13 08.89-08.95	113936	12 2.7
		08.93-08.95	111601	14	70		08.93-08.95	112336	12 2.0
		08.93-08.95	111960	14	80		A13 08.89-08.93	110708	12 2.7
(LXH1_, RCH1_, KLH1_) [2L]	08.95-08.06	112357	14	70		08.95-08.06	113936	12 2.7	
						08.95-08.06	112336	12 2.0	
[2L]	05.84-11.89	111483	14	55		05.84-11.89	110708	12 2.7	
	05.84-11.89	114288	14	50		05.84-11.89	111387	12 2.0	
	08.93-08.95	111601	14	70	VP				
	08.95-	111963	14	70		08.93-03.98	112336	12 2.0	
	08.95-	112357	14	70		A13 10.93-08.95	113936	12 2.7	
Hiace 2.4 Diesel 4WD	(_H10_) [2L]	08.89-08.95	111601	14	70		08.89-08.95	110152	12 0.9
							08.89-08.95	110708	12 2.7
							08.89-08.95	111387	12 2.0
(H5F) [2L]	01.87-01.88	111483	14	55		01.87-01.88	110708	12 2.7	
	01.87-01.88	114288	14	50		01.87-01.88	111387	12 2.0	
Hiace 2.4 TD	(H18, 22) [2L-T]						A13 08.95-	113936	12 2.7
							08.95-	110708	12 2.7
							08.95-	111387	12 2.0



Application list

TOYOTA Continued

	[2L-T]		111963	14 70	VP	08.95-	113936	12 2.7
						08.95-	112336	12 2.0
Hiace 2.4 TD 4WD	(H18, 22)[2L-T]	08.95-	111963	14 70		A13 08.95-	113936	12 2.7
						08.95-	112336	12 2.0
Hiace 2.5 D-4D	(_H1_, _H2_)[2KD-FTV]	08.06-	114024	14 80		08.06-	113938	12 2.7
	(_H1_, _H2_)[2KD-FTV]	08.06-	114024	14 80		08.06-	113938	12 2.7
	[2KD-FTV]	11.01- 08.06	113969	14 100				
		11.01- 08.06	114024	14 80		11.01-	113938	12 2.7
		11.01- 08.06	114025	14 75		09.06-	113757	12 2.2
Hiace 2.5 D-4D 4WD	(_H1_, _H2_)[2KD-FTV]	11.01-	114024	14 80		11.01-	113938	12 2.7
						11.01- 08.06	113757	12 2.2
	[2KD-FTV]	11.01-	114024	14 80		11.01-	113938	12 2.7
						11.01-	113757	12 2.2
Hiace 2.5 D-4D 4x4	[2KD-FTV]	08.06-	114024	14 80		08.06-	113938	12 2.7
						08.06-	113757	12 2.2
Hiace 2.7	(H12)[3RZ-FE]	04.98-	112357	14 70				
	(H12G)[3RZ-FE]	04.98-	112357	14 70				
Hiace 2.7 4WD	(H19, 29)[3RZ-FE]	04.98-	112357	14 70				
	[3RZ-FE]	11.01-	112357	14 70				
Hiace 2.8 Diesel	[3L]	08.89-	111960	14 80				
Hilux 1.8	(YN51R)[2Y]					06.89- 07.94	110397	12 1.0
Hilux 2.0	[3Y]					10.79- 07.83	110152	12 0.9
						10.81- 07.83	110260	12 1.0
						06.84- 11.86	110397	12 1.0
Hilux 2.2 4WD	[4Y]					01.87- 12.89	110397	12 1.0
Hilux 2.4	[22RE]					08.89- 08.97	110260	12 1.0
						08.89- 07.93	110411	12 1.4
						08.89- 05.92	111785	12 1.0
						08.93- 08.97	113108	12 1.4
Hilux 2.4 4WD	[22R]					08.88- 08.97	110260	12 1.0
						08.88- 07.93	110411	12 1.4
						08.93- 08.97	113108	12 1.4
Hilux 2.4 Diesel	(IN108)[2L]	01.92-	114203	14 60 ▲		01.92-	113936	12 2.7
						08.91- 07.93	110708	12 2.7
						08.91- 07.93	111387	12 2.0
						08.93- 08.97	112336	12 2.0
	[2L]	03.89-	111483	14 55		A13 03.95-	113936	12 2.7
						03.89-	110708	12 2.7
						03.89- 01.02	111387	12 2.0
						03.95-	112336	12 2.0
Hilux 2.4 Diesel 4WD	(_N_)[2L]	01.84- 08.88	114372	14 50		08.83- 04.89	111387	12 2.0
	[2L]	03.89-	111483	14 55		03.89-	110708	12 2.7
		01.94-	114372	14 50		03.89-	111387	12 2.0
Hilux 2.4 TD 4WD	[2L-T]	08.98- 01.02	111963	14 70		08.98- 01.02	113936	12 2.7
						05.98-	112336	12 2.0
Hilux 2.5 D-4D	[2KD-FTV]	11.01-	114024	14 80		11.01- 07.05	116254	12 2.0
						11.01-	113938	12 2.7
						07.05-	114853	12 2.7
						06.06-	115594	12 2.2
Hilux 2.5 D-4D 4WD	(TGN1_, GGN2_, LAN_, GGN1_, KUN)[2KD-FTV]	11.04- 12.05	114024	14 80		11.04- 12.05	116254	12 2.0
	[2KD-FTV]	11.01-	114024	14 80		11.01- 07.05	116254	12 2.0
						11.01-	113938	12 2.7
						07.05-	114853	12 2.7
Hilux 2.5 D-4D 4x4	(N25)[2KD-FTV]	12.07-	114024	14 80		12.07-	115594	12 2.2
						12.07-	114853	12 2.7
Hilux 2.5 Diesel	(TGN1_, GGN2_, GGN1_, KUN2_, KU)[2KD-FTV]	01.10-	114024	14 80		01.10-	114853	12 2.7
	[2KD-FTV]	12.07-	114024	14 80		12.07-	115594	12 2.2
						12.07-	114853	12 2.7
Hilux 2.5 Diesel 4x4	[2KD-FTV]	12.07-	114024	14 80		12.07-	114853	12 2.7
Hilux 2.8 Diesel	(GUN1_)[1GD-FTV]					05.15-	114853	12 2.7
Hilux 3.0 4x4	[1KD-FTV]					AT 08.05- 09.06	114731	12 2.2
						08.05- 09.06	115594	12 2.2
Hilux 3.0 Diesel	[1KD-FTV]					AT 10.06-	114731	12 2.2
						10.06-	115594	12 2.2
Hilux 3.0 Diesel 4x4	[1KD-FTV]	12.07-	114024	14 80		12.07-	114731	12 2.2
Hilux 3.4 4x4	(_N_)[5VZ-FE]	08.94- 07.00	114362	14 80				
Land Cruiser 2.4	(RJ70, 73)[22R]	11.84- 12.89	110138	14 40		11.84- 12.89	110411	12 1.4
		11.84- 12.89	110258	14 35		11.84- 05.93	113239	12 2.5
						11.84- 12.89	110260	12 1.0
	[22RE]					01.90- 05.93	110260	12 1.0
						01.90- 05.93	110411	12 1.4
						12.88- 12.96	113239	12 2.5
Land Cruiser 2.4 Diesel	(LJ70)[2L]	11.84- 10.85	114288	14 50		11.84- 10.85	113239	12 2.5
						11.84- 10.85	110708	12 2.7
						11.84- 10.85	111387	12 2.0
Land Cruiser 2.4 TD	(LJ70)[2L-T]					01.90- 08.93	110708	12 2.7
						01.90- 08.93	111387	12 2.0
						08.93- 01.95	112336	12 2.0
						01.90- 05.93	113239	12 2.5
						09.92- 01.95	113936	12 2.7
	(LJ70, 73)[2L-T]	10.85- 05.90	111483	14 55		10.85- 12.89	111387	12 2.0
		10.85- 05.90	114288	14 50		10.85- 05.90	113239	12 2.5
						10.85- 12.89	110708	12 2.7
	(LJ77)[2L-T]					01.90- 08.93	110708	12 2.7
						01.90- 08.93	111387	12 2.0
						08.93- 01.95	112336	12 2.0
						07.90- 05.96	113239	12 2.5
						07.90- 05.96	113936	12 2.7
Land Cruiser 2.6 Diesel	(HJ45_P)[H]					11.84- 12.89	110708	12 2.7
						01.75- 07.80	113239	12 2.5
Land Cruiser 2.8 Diesel	(KDJ15_, GRJ15_)[1GD-FTV]					06.15-	113938	12 2.7
Land Cruiser 2.8 TD 4x4	(_J7_)[3L]					01.90- 08.01	113239	12 2.5



Land Cruiser 3.0 D-4D	(_J9_) [1KD-FTV]	10.00-	114024	14	80	10.00-	113938	12	2.7
						10.00-	113239	12	2.5
						10.00-	113757	12	2.2
	(J12) [1KD-FTV]	08.04-	114024	14	80	01.05-	113757	12	2.2
		01.05-	113969	14	100	08.04-	113938	12	2.7
						01.05-	113239	12	2.5
	(J15) [1KD-FTV]					03.10-	113938	12	2.7
	[1KD-FTV]	01.03-	113969	14	100	01.03-	113239	12	2.5
		01.03-	114024	14	80	01.03-	113938	12	2.7
Land Cruiser 3.0 D-4D 150	(J15) [1KD-FTV]	01.10-	113969	14	100	01.10-	113938	12	2.7
						01.10-	113757	12	2.2
Land Cruiser 3.0 Diesel	(BJ40_V, BJ43_) [B]	02.74- 10.84	110563	28	15				
		04.82- 10.84	111484	28	50	02.74- 10.84	113239	12	2.5
Land Cruiser 3.0 TD	(KZJ70) [1KZ-T]					05.93- 05.96	113239	12	2.5
						05.93- 05.96	113757	12	2.2
	[1KZ-T]					05.93- 05.96	113239	12	2.5
						05.93- 05.96	113757	12	2.2
Land Cruiser 3.0 TD 4WD	[1KZ-TE]	04.96-	112063	14	70	A13 04.96-	113938	12	2.7
						04.96-	113239	12	2.5
						04.96-	113757	12	2.2
Land Cruiser 3.4 i 24V 4WD	[5VZ-FE]	04.96- 12.98	112063	14	70				
		04.96-	114362	14	80	01.96-	113239	12	2.5
Land Cruiser 3.4 Diesel	(BJ42_V, BJ45_V, BJ46) [3B]	08.80- 10.84	110563	28	15				
		04.82- 08.88	111484	28	50	08.80- 10.84	113239	12	2.5
	(BJ45_P) [3B]	08.80- 10.84	110563	28	15				
		04.82- 10.84	111484	28	50	08.80- 10.84	113239	12	2.5
	(BJ60_V) [3B]	PS 05.82- 08.88	111484	28	50				
		PS 10.81- 08.87	111613	28	50	10.81- 08.87	113239	12	2.5
		PS 04.82- 08.88	111484	28	50				
	(BJ70LV-MRW) [3B]	11.84- 12.96	111484	28	50	11.84- 12.96	113239	12	2.5
Land Cruiser 3.4 TD	(BJ71_V) [13BT]					10.85- 08.86	113239	12	2.5
Land Cruiser 3.6 Diesel	(HJ45_V) [H]					04.79- 07.80	113239	12	2.5
Land Cruiser 3.9	(FJ40, FJ43, FJ45, FJ) [F]					03.69- 01.75	113239	12	2.5
	[F]					03.69- 01.75	113239	12	2.5
Land Cruiser 4.0	(FJ62_V) [3F]					11.84- 08.87	113239	12	2.5
	[1GR-FE]					01.03-	113239	12	2.5
	[3F-E]					08.87- 08.92	113239	12	2.5
Land Cruiser 4.0 Diesel	(HJ47_P) [2H]					08.80- 10.84	113239	12	2.5
	(HJ47_V) [2H]	10.82- 10.84	111596	28	50	08.80- 10.84	113239	12	2.5
						08.80- 10.84	110581	24	4.5
	(HJ60) [2H]	01.82- 08.87	111596	28	50	10.81- 01.88	113239	12	2.5
						08.80- 07.87	110581	24	4.5
	[2H]	01.85- 08.87	111596	28	50	01.85- 12.87	113239	12	2.5
						01.85- 07.87	110581	24	4.5
Land Cruiser 4.0 TD	(HJ61) [12HT]					10.85- 12.89	110581	24	4.5
						10.85- 12.89	113239	12	2.5
Land Cruiser 4.2	(FJ40_V, FJ43, FJ45_V) [2F]					01.75- 04.86	113239	12	2.5
	(FJ60) [2F]	10.81- 01.88	110563	28	15	10.81- 01.88	113239	12	2.5
	[2F]					01.75- 04.86	113239	12	2.5
Land Cruiser 4.2 Diesel	(_J7_) [1H-Z]	01.90- 05.96	112356	14	80	01.90- 05.96	111679	24	4.5
	(HZJ80_) [1H-Z]	01.90- 08.92	111781	14	80				
		08.92-	112356	14	80	01.90- 12.95	111679	24	4.5
		08.92-	112360	14	60	01.90- 12.97	113239	12	2.5
Land Cruiser 4.2 TD	(HDJ80) [1HD-FT]	01.95- 01.98	112356	14	80	03.95- 12.97	113239	12	2.5
						01.95- 05.96	111679	24	4.5
	(HJD80) [1HD-T]	01.90- 08.92	111781	14	80				
		08.92-	112356	14	80	01.90- 12.95	111679	24	4.5
		08.92-	112360	14	60	01.90- 12.97	113239	12	2.5
	(HZJ7_V) [1H-Z]					01.90- 12.95	111679	24	4.5
						01.90-	113239	12	2.5
Land Cruiser 4.2 TD 100	(J10) [1HD-FTE]	01.98-	112356	14	80				
		01.98-	115415	14	120	01.98-	113239	12	2.5
Land Cruiser 4.5 24V	(FZJ80) [1FZ-FE]					08.92- 12.97	113239	12	2.5
Land Cruiser 4.7	[2UZ-FE]	02.02-	114433	14	80	02.02-	113239	12	2.5
Land Cruiser 4.7 V8 32V	[2UZ-FE]	01.98-	114433	14	80	01.98-	113239	12	2.5
						01.98-	113171	12	2.0
Land Cruiser Van 3.0 D4-D 4WD	(_J15_)					01.11-	113938	12	2.7
						01.11-	113757	12	2.2
Liteace 1.3	(KM2) [4K]	10.79- 08.85	110138	14	40				
		10.79- 10.86	110258	14	35				
	[4K-C]	10.79- 08.85	110138	14	40				
		10.79- 08.85	110258	14	35				
	(M2_G) [4K]	10.79- 09.85	110138	14	40				
		10.79- 09.85	110258	14	35				
Liteace 1.5	(KR21LG) [5K]	01.92- 01.95	110138	14	40				
		01.92- 01.95	110258	14	35				
	(KR27_V) [5K]	01.92- 01.95	110138	14	40				
		01.92- 01.95	110258	14	35				
	(M3) [5K]	05.86- 12.91	110138	14	40				
		05.86- 09.91	110258	14	35				
	[5K]	10.85- 12.91	110138	14	40				
		10.85- 12.91	110258	14	35				
Liteace 1.8 Diesel	(M2_G) [1C]					11.83- 08.85	110397	12	1.0
Liteace 2.0 Diesel	(CM30LG) [2C]					08.88- 01.92	111564	12	2.2
	(CM36) [2C]					08.88- 01.92	111564	12	2.2
Liteace 2.2	(YR22LG) [4Y-EC]	08.88- 01.90	110675	14	75				
Model F 1.8	(YR20) [2Y]					11.82- 08.84	110397	12	1.0
	[2Y-C]					11.82- 08.84	110397	12	1.0
Model F 2.0	(YR20) [3Y]	08.88- 01.90	111428	14	60	08.88- 01.90	110397	12	1.0
	(YR21) [3Y]	09.85- 08.88	111428	14	60	08.84- 08.88	110397	12	1.0
	[3Y-C]	09.85- 08.88	111428	14	60	08.84- 08.88	110397	12	1.0
MR2 1.6 16V	(AW11) [4A-GEL]	11.84- 12.89	110496	14	60				
		11.84- 06.90	111435	14	70				
	[4A-GELC]	11.84- 12.89	110496	14	60				
		11.84- 06.90	111435	14	70				
MR2 1.8 VVTi 16V	(ZZW30) [1ZZ-FE]	04.00-	114361	14	80	12.99-	111785	12	1.0

STARTERS & ALTERNATORS



Application list

TOYOTA Continued

MR2 2.0 16V	(SV20)[3S-GE]		12.89- 05.00	111435	14 70				
			12.89- 11.92	111538	14 80				
			12.89- 11.92	112102	14 90	12.89-	111544	12 1.4	
			11.92-	112101	14 80				
	(SW20)[3S-GE]		12.89- 05.00	111435	14 70				
			12.89- 11.92	111538	14 80				
			12.89- 11.92	112102	14 90	12.89-	111544	12 1.4	
			11.92-	112101	14 80				
	[3S-GE]		12.89- 05.00	111435	14 70				
			12.89- 11.92	111538	14 80				
			12.89- 11.92	112102	14 90	12.89-	111544	12 1.4	
			11.92-	112101	14 80				
MR2 2.0 Turbo	(SW2_) [3S-GTE]					12.89- 09.99	111544	12 1.4	
Paseo 1.5 16V	(EL54)[5E-FE]	AT	08.95-	111518	14 70	08.95- 07.99	113649	12 1.0	
		AT	08.95-	111518	14 70				
		AT	08.95- 07.99	111678	14 60	08.95- 07.99	113665	12 0.8	
Picnic 2.0	(_XM10_) [3S-FE]		09.96- 05.01	111468	14 80	09.96- 05.01	111463	12 1.0	
			09.96- 05.01	111517	14 70				
Picnic 2.0 16V	(XM1)[3S-FE]	AT	05.96-	111468	14 80	05.96-	111463	12 1.0	
		AT	05.96-	111517	14 70				
Picnic 2.2 Diesel	[3C-TE]		08.97-	112363	14 80	08.97- 12.01	114240	12 1.4	
						09.97-	111874	12 2.2	
Premio 1.8 4WD	(_T24_) [1ZZ-FE]		12.01- 06.07	114361	14 80	12.01- 06.07	111984	12 1.1	
Premio 2.0	(_T24_) [1AZ-FSE]					12.01- 06.07	113314	12 1.0	
						12.01- 06.07	114255	12 1.3	
Previa 2.0 D-4D	(ACR3_) [1CD-FTV]					03.01-	111874	12 2.2	
Previa 2.4 16V	(ACR3)[2AZ-FE]	AC	08.00-	114273	14 100	08.00-	112367	12 1.4	
RAV 4 1.8 i 16V	(XA2) [1ZZ-FE]		02.01-	114361	14 80	05.00-	113271	12 1.1	
RAV 4 2.0	(ACA_, ACE_) [3ZR-FAE]					12.08-	114886	12 1.2	
RAV 4 2.0 4WD	(_A1_) [3S-FE]		07.96- 06.00	111468	14 80	07.96- 06.00	112367	12 1.4	
RAV 4 2.0 16V	(4WD)[3S-FE]		04.94- 09.97	111468	14 80	04.94-	111463	12 1.0	
			04.94-	111517	14 70				
			04.94- 09.97	111468	14 80	04.94-	111463	12 1.0	
RAV 4 2.0 i 16V 4WD	(XA2) [1AZ-FE]		06.00-	114186	14 90				
			07.03-	114273	14 100	06.00-	112367	12 1.4	
RAV 4 2.0 VVTi	(ACA_, ACE_) [1AZ-FE]					03.06-	114255	12 1.3	
RAV 4 2.0 VVTi 4WD	(ZSA4_, ALA4_) [3ZR-FAE]					04.15-	114886	12 1.2	
RAV 4 2.0 VVT-i 4WD	(ZSA4_, ALA4_) [3ZR-FAE]					12.12-	114886	12 1.2	
RAV 4 2.0 D-4D 4WD	(XA2) [1CD-FTV]		09.01- 11.05	116366	14 130	09.01-	114240	12 1.4	
RAV 4 2.2 D-4D	(ACA_, ACE_) [2AD-FHV]		12.08-	115669	14 150	12.08-	114216	12 2.0	
			12.08-	115669	14 150	12.08-	114216	12 2.0	
	(ACA_, ACE_, ALA_) [2AD-FHV]		12.08-	114410	14 130				
			12.08-	115669	14 150	12.08-	114216	12 2.0	
	[2AD-FTV]		12.08-	114410	14 130				
			12.08-	115669	14 150	12.08-	114216	12 2.0	
[ALA30] [2AD-FTV]		03.06-	114410	14 130					
		03.06-	115669	14 150	03.06-	114216	12 2.0		
RAV 4 2.2 D-4D CAT	(ALA30) [2AD-FHV]		03.06-	114410	14 130				
			03.06-	115669	14 150	03.06-	114216	12 2.0	
Starlet 1.0	(2K) [2K]		02.78- 07.82	110137	14 30				
			02.78- 09.84	110138	14 40				
			02.78- 09.84	110258	14 35				
	(EP70L) [1E-L]		10.84- 12.89	110628	14 45				
			04.88- 12.89	110496	14 60				
	(EP80_) [1E]		12.89- 01.92	110496	14 60				
			12.89- 12.92	111435	14 70				
	(KP60) [2K]		02.78- 07.82	110137	14 30				
			02.78- 02.86	110138	14 40				
			02.78- 09.84	110258	14 35				
Starlet 1.0 1000	(KP) [2K]		05.76- 08.78	110258	14 35				
			02.78- 08.78	110137	14 30				
			02.78- 08.78	110138	14 40				
Starlet 1.2	(KP6_) [3K-H]		02.78- 09.82	110258	14 35				
			10.78- 08.82	110138	14 40				
Starlet 1.2 S	(KP62) [3K-H]		02.78- 08.82	110137	14 30				
			02.78- 08.82	110138	14 40				
			10.78- 08.82	110258	14 35				
Starlet 1.3	(EP71L) [2E-LC]		10.84- 12.89	110628	14 45				
			04.88- 12.89	110496	14 60				
	[4E-FE]	AT	01.96-	111518	14 70	04.96- 03.99	113665	12 0.8	
		AT	01.96-	111518	14 70	04.96- 03.99	113649	12 1.0	
Starlet 1.3 S	(KP61) [4K]		12.81- 02.85	110138	14 40				
			08.82- 09.84	110258	14 35				
Starlet 1.3 12V	(EP81) [2E-E]		12.89- 06.91	110628	14 45				
			01.92-	111518	14 70	A13 12.89- 05.94	110709	12 1.0	
	(EP81_) [2E]		12.89- 12.92	110496	14 60				
			12.89- 12.92	111435	14 70				
	[2E-E]		12.89- 06.91	110496	14 60				
		12.89- 12.92	111435	14 70					
Starlet 1.5 Diesel	(_P8_) [1N]		01.92- 01.96	111518	14 70				
			12.86- 01.92	110496	14 60				
			12.86- 12.89	111435	14 70				
Supra 2.8 i	(MA61) [5M-GE]		08.83- 07.86	111428	14 60	08.84- 08.87	110396	12 1.4	
			01.86- 08.88	111435	14 70				
Supra 3.0 24V	(MA70) [7M-GE]		01.86- 08.88	111705	14 70	01.86- 08.88	110396	12 1.4	
Supra 3.0 Turbo	(MA70) [7M-GTE]					09.87- 04.90	110396	12 1.4	
Urban Cruiser 1.3	(NSP110) [1NR-FE]					04.09-	115613	12 1.0	
Urban Cruiser 1.3 VVTi	(NSP110) [1NR-FE]					04.10-	115613	12 1.0	
Verso 1.6	(ZGR20) [1ZR-FAE]		04.09-	114694	14 100	04.09-	114886	12 1.2	
Verso 1.8 VVTi	(ZGR21) [2ZR-FAE]		04.09-	114694	14 100	04.09-	114886	12 1.2	
Verso 2.0 D-4D	(_AUR2_, _ZGR2_) [1AD-FTV]		11.12-	114390	14 100	11.12-	114216	12 2.0	
			11.12-	114410	14 130	11.12-	115839	12 2.0	
	[AUR20] [1AD-FTV]		04.09-	114390	14 100	04.09-	114216	12 2.0	
			04.09-	114410	14 130	04.09-	115839	12 2.0	



Verso 2.2 D-4D	(AUR21)[2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0		
		04.09-	114410	14	130	04.09-	115839	12	2.0		
Verso 2.2 D-CAT	(AUR21)[2AD-FHV]	04.09-	114390	14	100	04.09-	114216	12	2.0		
		04.09-	114410	14	130	04.09-	115839	12	2.0		
Vitz 1.0	(P13_)					06.18-	115524	12	0.85		
Yaris 1.0	(_P13_)[1KR-FE]					06.18-	114661	12	1.3		
						12.10-	114661	12	1.3		
Yaris 1.0 16V	(_CP10_)[1SZ-FE]	Produced in France	03.03-	114005	14	70					
		Produced in France	03.03-	114006	14	90	01.01-	113313	12	0.7	
Yaris 1.0 i	(SCP10)[1SZ-FE]	Produced in France	01.01-	114005	14	70					
		Produced in France	01.01-	114006	14	90	04.99-	113313	12	0.7	
Yaris 1.0 VVTi	[1KR-FE]	Produced in France	04.99- 12.02	114231	14	90	04.99-	114889	12	1.0	
			08.05-	114290	14	80	01.06-	115524	12	0.85	
Yaris 1.0	(_P9_)[1KR-FE]	01.06-	114290	14	80	01.06-	114661	12	1.3		
		01.06- 10.08	114311	14	90	01.06-	115524	12	0.85		
Yaris 1.3	[2SZ-FE]	Produced in France	04.02-	114005	14	70					
		Produced in France	04.02-	114006	14	90	04.02-	113313	12	0.7	
Yaris 1.3 16V	(NCP10)[2NZ-FE]	11.99-	115660	14	70	11.99-	113314	12	1.0		
		11.99-	115791	14	90						
Yaris 1.3 VVTi	(_P9_)[1NR-FE]	A25	07.10-	114682	14	100					
		A25	07.10-	114897	14	80	A49				
	(NSP90)[1NR-FE]	A25	07.10-	114904	14	100	07.10-	115613	12	1.0	
		A25	03.09-	114682	14	100					
	[2SZ-FE]	A25	03.09-	114897	14	80	A49				
		A25	03.09-	114900	14	100					
	[2SZ-FE]	A25	03.09-	114904	14	100	03.09-	115613	12	1.0	
			08.05-	115863	14	100	Produced in Japan	08.05-	114886	12	1.2
	[2SZ-FE]		01.06-	114667	14	90	Produced in France	08.05-	114660	12	1.2
			01.06-	114667	14	90	Produced in France	01.06-	114125	12	1.2
Yaris 1.4 D-4D	(_P13_)[1ND-TV]					09.11-	115644	12	2.0		
						09.11-	115723	12	1.4		
	(NLP10)[1ND-TV]	12.01- 08.05	114012	14	90						
		12.01- 08.05	114041	14	70	12.01- 08.05	114071	12	2.0		
	(NLP90)[1ND-TV]	12.01- 08.05	114206	14	90	12.01- 08.05	115643	12	1.4		
		01.06-	114291	14	90	01.06-	115644	12	2.0		
	(SCP1_, NLP1_, NCP1_)[1ND-TV]	01.06-	115657	14	100	08.05-	115723	12	1.4		
						A13 01.06-	114071	12	2.0		
	(SCP1_, NLP1_, NCP1_)[1ND-TV]					01.06-	114068	12	1.1		
		05.05- 09.05	114291	14	90	05.05- 09.05	115644	12	2.0		
	(SCP1_, NLP1_, NCP1_)[1ND-TV]	05.05- 09.05	115657	14	100	05.05- 09.05	115723	12	1.4		
						05.05- 09.05	114068	12	1.1		
	(SCP1_, NLP1_, NCP1_)[1ND-TV]					05.05- 09.05	114071	12	2.0		
Yaris 1.5	[1NZ-FE]	11.05-	115791	14	90	03.06-	113314	12	1.0		
Yaris 1.5 i 16V	(NCP13)[1NZ-FE]	04.01-	115660	14	70						
		04.01-	115791	14	90	04.01-	113314	12	1.0		
Yaris 1.5 TS	(_CP10_)[1NZ-FE]	01.03-	115660	14	70						
		01.03-	115791	14	90	01.01-	113314	12	1.0		
Yaris 1.5 VVTi TS	(_CP10)[1NZ-FE]	03.03- 07.05	115660	14	70						
		03.03- 07.05	115791	14	90	03.03- 07.05	113314	12	1.0		
Yaris 1.8 VVTi	[2ZR-FE]	01.07-	115863	14	100	01.07-	114886	12	1.2		
Yaris Verso 1.3	(NCP2_)[2NZ-FE]	08.99-	115791	14	90						
		11.99-	115660	14	70	08.99-	113314	12	1.0		
Yaris Verso 1.4 D-4D	(NLP22)[1ND-TV]	12.01- 09.05	114012	14	90						
		12.01- 09.05	114041	14	70	12.01- 09.05	114071	12	2.0		
	(NLP22)[1ND-TV]	12.01- 09.05	114206	14	90	12.01- 09.05	115643	12	1.4		
		03.00- 09.05	115791	14	90	03.00- 09.05	113314	12	1.0		
Yaris Verso 1.5 4WD	(NLP2_, NCP2_)[1NZ-FE]	03.00- 09.05	115791	14	90						
Yaris Verso 1.5 16V	(NCP21)[1NZ-FE]	03.00-	115660	14	70						
		03.00-	115791	14	90	03.00-	113314	12	1.0		
Yaris Verso 1.5 TS	(NCP2_)[1NZ-FE]	05.03-	115660	14	70						
		05.03-	115791	14	90	05.03-	113314	12	1.0		
TRUCKS EU											
Dyna 400	[BU222LT-8.0]		114363	28	60						
FORK LIFTS											
2FG-7			110629	14	35						
2FG-9			110629	14	35						
2FGL-7			110629	14	35						
2FGL-9			110629	14	35						
4SG-10			110629	14	35						
4SG-12			110629	14	35						
4SG-15			110629	14	35						
5FD-10		01.89- 01.94	110629	14	35						
5FD-14		01.89- 01.94	110629	14	35						
5FD-15		01.89- 01.94	110629	14	35						
5FD-18		01.89- 01.94	110629	14	35						
5FD-20		01.89- 01.94	110629	14	35						
5FD-23		01.89- 01.94	110629	14	35						
5FD-25		01.89- 01.94	110629	14	35						
5FD40						01.88- 01.93	110490	24	4.5		
						01.88- 01.93	111018	14	50		
5FD45						01.88- 01.94	110490	24	4.5		
5FD50						01.90-	110490	24	4.5		
5FD60						01.90-	110490	24	4.5		
5FD70						01.90-	110490	24	4.5		
5FDL-10		01.89- 01.94	110629	14	35						
5FDL-14		01.89- 01.94	110629	14	35						
5FDL-15		01.89- 01.94	110629	14	35						
5FDL-18		01.89- 01.94	110629	14	35						
5FDL-20		01.89- 01.94	110629	14	35						
5FDL-23		01.89- 01.94	110629	14	35						
5FDL-25		01.89- 01.94	110629	14	35						



Application list

TOYOTA *Continued*

5FG10					01.86- 01.94	110411	12	1.4		
		01.89- 01.94	110629	14	35					
					01.89-	111189	12	0.8		
5FG14					01.86- 01.94	110411	12	1.4		
		01.89- 01.94	110629	14	35					
					01.89-	111189	12	0.8		
5FG15		01.89- 01.94	110629	14	35					
5FG18		01.89- 01.94	110629	14	35					
5FG20		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
		01.89- 01.94	110629	14	35					
5FG23		01.86- 01.88	111017	14	50					
		01.89- 01.93	111018	14	50					
		01.89- 01.94	110629	14	35					
5FG25		01.86- 01.88	111017	14	50					
		01.89- 01.93	111018	14	50					
		01.89- 01.94	110629	14	35					
5FG-28		01.89- 01.94	110629	14	35					
5FG-30		01.89- 01.94	110629	14	35					
5FG35		01.89-	111018	14	50					
5FG38		01.89-	111018	14	50					
5FG40		01.89-	111018	14	50					
5FG45		01.90-	111018	14	50					
5FG50						01.94-	110411	12	1.4	
5FG60		01.90-	111018	14	50					
5FGL10						01.86-	110411	12	1.4	
		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
5FGL14						01.86-	110411	12	1.4	
		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
5FGL15						01.86-	110411	12	1.4	
		01.89- 01.94	110629	14	35					
						01.89-	111189	12	0.8	
5FGL18						01.86-	110411	12	1.4	
		01.89- 01.94	110629	14	35					
5FGL20		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
		01.89- 01.94	110629	14	35					
5FGL23		01.86- 01.88	111017	14	50					
		01.89-	111018	14	50					
		01.89- 01.94	110629	14	35					
5FGL-25		01.89- 01.94	110629	14	35					
6FDL-10			110629	14	35					
6FDL-14			110629	14	35					
6FDL-15			110629	14	35					
6FDL-18			110629	14	35					
6FDL-20			110629	14	35					
6FDL-23			110629	14	35					
6FDL-25			110629	14	35					
6FG-10			110629	14	35					
6FG-14			110629	14	35					
6FG-15			110629	14	35					
6FG-18			110629	14	35					
6FG-20			110629	14	35					
6FG-23			110629	14	35					
6FG-25			110629	14	35					
6FG-28			110629	14	35					
6FG-30			110629	14	35					
6FGL-10			110629	14	35					
6FGL-14			110629	14	35					
6FGL-15			110629	14	35					
6FGL-18			110629	14	35					
6FGL-20			110629	14	35					
6FGL-23			110629	14	35					
6FGL-25			110629	14	35					
7FD10		01.98-	112358	14	55					
7FD14		01.98-	112358	14	55					
7FD15		01.98-	112358	14	55					
7FD18		01.98-	112358	14	55					
7FD20						01.98-	113238	12	2.5	
		01.98-	112358	14	55					
						01.98-	112036	12	2.5	
7FD23						01.98-	112036	12	2.5	
		01.98-	112358	14	55					
						01.98-	113238	12	2.5	
FG20	[2R]		110137	14	30					
			110138	14	40					
FG25	[5R]		110137	14	30					
			110138	14	40					
Various Models			114725	14	50					
			113989	14	50					
Trackless										
INDUSTRI										
Various Models			115680	14	95					
Triumph										
PASSENGER CARS EU										
Spitfire 1.5 1500	[FM11]	01.75- 12.80	110178	14	36		01.75- 12.80	111103	12	0.8
Spitfire MK 1.3	[FM3]	01.71- 01.72	110178	14	36		01.71- 12.72	111103	12	0.8
TR 6 2.5	[CF1]	01.69- 12.76	110179	14	36					
		01.72- 12.76	110178	14	36					
TR 7 2.0	[CG2]	01.73- 12.81	110179	14	36					
TVR										
PASSENGER CARS EU										
Tasmin Cabriolet 3.5		01.83- 12.84	111204	14	70					
Universal										
MISCELLANEOUS										
Universal unit			111355	14	65					
			110977	28	35					
Ursus										
AGRICULTURE										
912							110551	12	3.0	
914							110551	12	3.0	
933							110551	12	3.0	



935						110551	12	3.0	
1014						110551	12	3.0	
1033						110551	12	3.0	
1035						110551	12	3.0	
1133						110551	12	3.0	
1614						110551	12	3.0	
C360						116134	12	3.0 A49	
						110545	12	3.0	
						114254	12	2.7 GR	
C385						114254	12	2.7 GR	
						116134	12	3.0 A49	
						110545	12	3.0	
						110551	12	3.0	
Valpadana									
AGRICULTURE									
2020 0.7	[7LD665]				03.88- 12.90	113268	12	1.6	
Various Models						112171	12	1.1	
						110844	12	2.2	
						113268	12	1.6	
VMC 130					01.89-	112171	12	1.1	
VMC 150					04.84-	112171	12	1.1	
Valtra									
AGRICULTURE									
305		01.83-	113574	14	65				
355		01.89- 01.94	111362	14	55				
405		01.83-	113574	14	65				
411	[411C]					01.81- 01.85	113484	24	4.0
455		01.89- 01.94	111362	14	55				
505 3.3		08.82-	113574	14	65	08.82-	116134	12	3.0 A49
						01.69- 01.75	110545	12	3.0
						08.82-	114254	12	2.7 GR
605 3.3		08.82-	113574	14	65	08.82-	116134	12	3.0 A49
						08.82- 06.94	110545	12	3.0
						08.82-	114254	12	2.7 GR
611 6.6	[611C]					01.75- 12.85	113484	24	4.0
705 4.4		08.82-	113574	14	65	08.82-	116134	12	3.0 A49
						01.71- 01.72	110545	12	3.0
						08.82-	114254	12	2.7 GR
805 4.4		08.82-	113574	14	65	08.82- 06.94	110545	12	3.0
						08.82-	116134	12	3.0 A49
						08.82-	114254	12	2.7 GR
905		01.83-	113574	14	65				
2005		01.85-	112742	14	90				
2105		01.85-	112742	14	90				
6000		01.90-	113574	14	65				
6100		01.90-	113574	14	65				
6300		01.91-	111355	14	65				
		01.91-	110968	14	70				
6400		01.91-	111355	14	65				
		01.91-	110968	14	70				
6600		01.91-	111355	14	65				
		01.91-	110968	14	70				
8000		09.90-	111355	14	65				
		01.90-	110968	14	70				
8050	[620DS]	01.96-	112556	14	95	01.96-	116134	12	3.0 A49
						01.96-	110545	12	3.0
						01.96-	114254	12	2.7 GR
8100		09.90-	111355	14	65				
		01.90-	110968	14	70				
8150	[620DS]	01.96-	112556	14	95	01.96-	116134	12	3.0 A49
						01.96-	110545	12	3.0
						01.96-	114254	12	2.7 GR
8300	[612D]	01.90- 01.93	111355	14	65				
8400	[620DS]	01.93- 01.95	111355	14	65				
8450	[620DW]	01.96-	112556	14	95	01.96-	116134	12	3.0 A49
						01.96-	110545	12	3.0
						01.96-	114254	12	2.7 GR
8550	[634DS]	01.98-	112556	14	95	01.98-	116134	12	3.0 A49
						01.96-	110545	12	3.0
						01.98-	114254	12	2.7 GR
8600	[612DS]	01.90- 01.93	111355	14	65				
8750	[634DA]	01.98-	112556	14	95	01.96-	116134	12	3.0 A49
						01.96- 01.98	110545	12	3.0
						01.96-	114254	12	2.7 GR
	[634DS]	01.98-	112556	14	95	01.96-	116134	12	3.0 A49
						01.96- 01.98	110545	12	3.0
						01.96-	114254	12	2.7 GR
8950	[634DS]	01.98-	112556	14	95	01.98-	116134	12	3.0 A49
						01.98-	110545	12	3.0
						01.98-	114254	12	2.7 GR
A72 3.3	[33DTA]		114808	14	120				
A75N 3.3 Turbo	[33DT]						113901	12	3.0
A85N 4.4 Turbo	[44DT]						113901	12	3.0
A95N 4.4 Turbo	[44DT]						113901	12	3.0
S230 8.4		01.02-	112556	14	95				
		01.02-	113610	14	120				
S260 8.4	[645D..]	01.02-	112556	14	95				
		01.02-	113610	14	120				
T120		01.02-	112556	14	95 A49	04.00-	113570	12	4.0
		01.02-	113610	14	120				
			116454*	14	95				
T130		01.02-	113610	14	120	04.00-	113570	12	4.0
T140		01.02-	113610	14	120	04.00-	113570	12	4.0
T160		01.02-	113610	14	120	04.00-	113570	12	4.0
T170		01.02-	113610	14	120	04.00-	113570	12	4.0
T180		01.02-	113610	14	120	04.00-	113570	12	4.0
T190		01.02-	113610	14	120	04.00-	113570	12	4.0

STARTERS & ALTERNATORS



Application list

VALTRA *Continued*

Various Models					113570	12	4.0
X 100		01.02-	113610	14	120		
		01.99-	112556	14	95		
X 110		01.02-	113610	14	120		
		01.99-	112556	14	95		
X 120		01.99-	113610	14	120		
		01.99-	112556	14	95		

Van Hool

TRUCKS EU							
TX 11 369 10.8	[MX-11271]					01.15-	116378* 24 6.0
TX 15 396 10.8	[MX-11291]					10.15-	116378* 24 6.0
TX 15 396 TX 16 396 10.8	[MX-11291]					01.15-	116378* 24 6.0

Various

MARINE

Various Models							
		114767	28	100		110999	24
		112237	14	70		111049	12
		110976	14	65		114729	24 7.0
		113633	14	55			
		113152	14	90			
		110577	28	55			
		111761	14	105			

Various Agriculture Vehicles

AGRICULTURE

	[Cummins A 2300]					115968	12	2.0
		111620	14	65		110182	12	0.9
		111369	14	90		116128	12	3.2 A49
		111356	14	55		116044	24	6.0
		110975	14	65		114852	12	4.2
		110972	14	65		115355	24	5.4
		110969	14	65		115392	12	4.0
		110620	14	35		115391	12	4.2
		110591	28	75		114730	12	2.1
		110505	14	75		115469	12	0.7
		110497	14	70		115428	12	1.8
		110448	28	20		115447	24	7.5
						115590	24	9.0
		114256	14	90		115393	12	4.0
						114677	12	2.0
		116063	28	140 w/o bushing in rear brackethole		112249	12	2.7
		115387	28	140		112242	12	0.6
		115386	28	140		112041	12	2.2
		114767	28	100		111911	12	1.4
		114813	28	65		111855	12	2.2
		114004	14	150		111804	12	0.6
		112194	14	120				
		112183	14	60		111622	12	1.2
		111833	28	140 w/ bushing in rear brackethole		111574	12	2.8
						111573	12	2.8
						111284	12	2.5
						111197	12	2.0
						111103	12	0.8
						111049	12	
						111021	12	1.4
						111015	12	1.1
						110949	12	0.6
						110940	12	1.4
						110817	12	2.1
						110635	12	0.5
						110534	24	5.4
						110512	24	5.4
						110469	12	
						110468	12	
						110464	12	2.1
						110461	12	2.8
						110447	12	1.0
						110421	12	0.8
						110356	12	1.4
						110246	12	1.4
						110245	12	1.7



Various Industrial applications												
INDUSTRI												
				113763	14	85			115469	12	0.7	
				113743	14	20			114744	24	5.4	
				113738	28	55	A49					
				113707	14	200			113208	12	0.8	
				113651	14	160						
				113650	28	80						
									113591	12		
									113592	12		
				113497	28	35			113671	12		
									113681	12	0.6	
				113457	28	60			113827	24	7.0	
				112657	28	60			114170	24	4.0	
				111575	14	90			114677	12	2.0	
				114256	14	90			115393	12	4.0	
				116317*	28	70			114852	12	4.2	
				116155	28	55			115355	24	5.4	
				115780	28	40			114824	24	4.0	
				115386	28	140			114730	12	2.1	
				115387	28	140			115447	24	7.5	
				114868	14	75			115674	24	5.0	
				112559	14	50			115590	24	9.0	
				114767	28	100			114729	24	7.0	
				114770	14	80						
				114302	28	75						
				114813	28	65						
				114657	14	14						
				115381	28	80						
				113895	28	80						
				113886	28	50						
				113777	14	145						
Various models												
TRUCKS EU												
									115812	14	130	
Vauxhall												
PASSENGER CARS EU												
Adam 1.2	[A12XEL]							10.12-	115395	12	1.1	
								10.12-	115646	12	1.1	
Adam 1.4	[A14XEL]							10.12-	115395	12	1.1	
								10.12-	115646	12	1.1	
	[A14XER]							10.12-	115395	12	1.1	
								10.12-	115646	12	1.1	
Adam 1.4 LPG	[A14XEL]							07.13-	115646	12	1.1	
Agila 1.0	[K10B]	01.08-	114247	14	75			01.08-	114871	12	1.1	
Agila 1.0 12V	[Z10XE]	09.00-	111824	14	70		Chas. -19P00893	09.00-	111123	12	0.9	
		Chas. 1G021260-	09.00-	111824	14	70		Chas. 19P00894-	09.00-	113276	12	1.1
	[Z10XEP]	08.03- 08.07	111824	14	70			08.03-	113276	12	1.1	
Agila 1.0 LPG	[K10B]	01.08-	114247	14	75							
Agila 1.2	[K12B]	01.08-	114247	14	75			01.08-	114871	12	1.1	
Agila 1.2 16V	[K12B]	01.08-	114247	14	75							
	[Z12XE]	09.00-	111824	14	70			09.00-	111684	12	1.4	
		Chas. 1G021260-	09.00-	111824	14	70		09.00-	113276	12	1.1	
Agila 1.2 16V Twinport	[Z12XEP]	07.04- 08.07	111824	14	70			07.04-	111123	12	0.9	
Agila 1.2 LPG	[K12B]	04.08-	114247	14	75							
Agila Mk II 1.0 i	[K10B]	08.11-	114247	14	75			08.11-	114871	12	1.1	
Antara 2.2 CDTi	[A22DM]	12.10-	115761	14	140			12.10-	115571	12	2.2	
	[A22DMH]	12.10-	115761	14	140			12.10-	115571	12	2.2	
Antara 2.4	[A24XE]							11.10-	115773	12	1.3	
Antara 2.4 LPG 4x4	[Z24XE]							08.06-	111848	12	1.0	
Antara 3.2 V6	[Z32SEE]	05.06-	114235	14	120							
Arena 1.9 Diesel	[F8Q600]							03.98- 08.01	113481	12	1.4	
	[F8Q606]							03.98- 08.01	113481	12	1.4	
Arena 2.5 Diesel	[S8U758]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2	
		03.98- 08.01	112057	14	110							
	[S8U780]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2	
		03.98- 08.01	112057	14	110							
	[S8U782]	03.98- 08.01	111937	14	75			03.98- 08.01	113134	12	2.2	
		03.98- 08.01	112057	14	110							
Astra 1.6	[Z16LET]	10.06- 11.10	115843	14	120			10.06-	114298	12	1.1	
	[Z16XEP]	09.05-	114431	14	120			09.05-	113276	12	1.1	
	[Z16XER]	Chas. 72094719- 10.06- 11.10	115306	14	120			10.06-	114298	12	1.1	
		Chas. -72094718, -75086479, -78048187	10.06-	114431	14	120						
Astra 1.8	[Z18XER]	Chas. 71052537- 05.08- 11.10	115306	14	120			05.08-	114298	12	1.1	
		Chas. -71052536	05.08- 11.10	114431	14	120						
Astra 1.9 CDTi	[Z19DTH]	01.06-	113904	14	130							
		01.06-	113955	14	105							
		01.06-	114088	14	140							
		01.06- 11.10	115487	14	140	A49						
Astra 1.9 CDTi LE	[Z19DTL]	08.05-	113904	14	130			08.05-	113931	12	1.7	
		08.05-	113955	14	105							
		08.05-	114088	14	140							
		08.05-	114204	14	120							
		08.05- 11.10	115487	14	140	A49						
Astra 2.0 16V Turbo	[Z20LER]	01.06- 11.10	115846	14	120			01.06- 11.10	111848	12	1.0	
Astra 2.0 i	[Z20LEL]	02.06- 11.10	115846	14	120			02.06- 11.10	111848	12	1.0	
Astra 2.0 Turbo	[Z20LET]	03.02-	112416	14	100			03.02-	111848	12	1.0	
Astra 2.0 Turbo SRI	[Z20LET]	07.02-	112416	14	100			07.02-	111848	12	1.0	
		Chas. 32242323-, 35216265-, 38100965-	07.02- 05.05	115619	14	120						
Astra D 1.2 S	[12S]	02.82- 08.84	110077	14	50							
		08.82- 08.84	113376	14	55							
Astra D 1.3 S	[13S]	09.79- 08.84	110077	14	50							
		09.79- 08.84	113376	14	55							
Astra D 1.6 Diesel	[16D]	02.82- 08.86	110972	14	65			01.85- 01.89	110839	12	1.7	
Astra D 1.8 GTE	[18E]	03.83- 08.86	110972	14	65							
		03.83- 08.86	111168	14	55							



Application list

VAUXHALL Continued

Astra E 1.2	[12S]	09.84- 08.91	110077	14 50				
		09.84- 08.91	113376	14 55				
Astra E 1.3	[13S]	09.84- 08.91	110077	14 50	09.84- 08.97	111123	12 0.9	
		09.84- 08.91	113376	14 55				
Astra E 1.4 i	[C14NZ]	01.90- 08.91	113376	14 55	01.90- 08.91	111127	12 1.4	
Astra E 1.6 Diesel	[16DA]	03.82- 08.88	110972	14 65	01.90- 08.91	111123	12 0.9	
		09.88- 01.89	111168	14 55	09.84- 12.89	110839	12 1.7	
		09.88- 12.89	112056	14 70				
		02.89-	111168	14 55				
Astra E 1.7 Diesel	[17DR]							
Astra E 1.8 GTE	[18E]	09.84- 08.86	111168	14 55				
	[18SE]	09.86- 08.91	111168	14 55				
Astra E 2.0 GTE	[20SEH]	01.88- 08.91	111169	14 70	03.87- 08.91	110847	12 1.4	
Astra E 2.0 16V GTE	[20XE]				05.88- 08.91	110847	12 1.4	
Astra F 1.4 i 16V	[X14XE]	02.96- 09.98	112229	14 70	02.96- 09.98	111123	12 0.9	
Astra F 1.4 i	[C14NZ]	09.91-	112229	14 70	09.91- 09.98	111127	12 1.4	
		09.91- 09.98	113376	14 55	09.91- 09.98	111123	12 0.9	
		PS 09.92- 09.98	112229	14 70				
		[C14SE]	05.93-	112229	14 70	03.91- 09.98	111127	12 1.4
			PS 09.92- 09.98	112229	14 70	03.91- 09.98	111123	12 0.9
		[X14XE]	01.96-	111990	14 70	01.96-	111127	12 1.4
			01.96-	112229	14 70	09.97-	111684	12 1.4
						01.96-	111123	12 0.9
Astra F 1.4 S	[14NV]	09.91- 02.98	111732	14 120	09.91-	111127	12 1.4	
		09.91- 09.93	113376	14 55	09.91-	111123	12 0.9	
		Chas. -S2500015 09.91- 09.93	113376	14 55				
Astra F 1.6 i 16V	[X16XEL]	01.94- 02.98	111732	14 120	01.94- 02.98	111123	12 0.9	
		01.94- 09.98	112229	14 70				
Astra F 1.6 i	[C16NZ]	PS 09.92- 02.98	112229	14 70	09.91- 02.98	111123	12 0.9	
		03.92- 02.98	111426	14 100	03.92- 09.98	111127	12 1.4	
		[C16SE]	03.92- 02.98	111732	14 120	03.92- 02.98	111123	12 0.9
			09.92-	112229	14 70	03.92- 02.98	111127	12 1.4
		PS 09.92- 12.94	112229	14 70				
		[E16NZ]	PS 09.92- 02.98	112229	14 70	09.91- 02.98	111123	12 0.9
		[X16SZ]	07.94- 02.98	111426	14 100	07.94- 02.98	111123	12 0.9
			07.94- 02.98	111732	14 120			
		PS 03.93- 08.96	112229	14 70				
		[X16SZR]	09.95- 08.97	111426	14 100	09.97-	111684	12 1.4
			09.95- 08.97	111732	14 120	03.92- 09.98	111123	12 0.9
		PS 09.95- 08.97	112229	14 70	03.92- 09.98	111127	12 1.4	
Astra F 1.6 i Eco	[X16SZ]	PS 08.94- 07.96	112229	14 70				
Astra F 1.7 Diesel	[17D]	12.91- 02.98	111515	14 70	12.91- 09.92	110839	12 1.7	
		12.91- 09.92	112056	14 70				
	[17DR]	07.92- 09.98	112056	14 70	07.92- 09.98	110839	12 1.7	
		09.92- 09.98	111515	14 70				
Astra F 1.7 TD	[17DT (TC4EE1)]	12.91- 02.98	111515	14 70	Chas. -750406 12.91- 02.98	111274	12 1.2	
		12.91-	112056	14 70	Chas. 997453- 12.91- 02.98	111690	12 1.1	
		Chas. -S2..., S5..., S6..., S8999999 12.91- 02.98	111186	14 70				
		[X17DTL]	11.94- 09.98	111515	14 70	11.94- 09.98	110839	12 1.7
		11.94- 09.98	112056	14 70				
Astra F 1.8 16V	[C18XEL]	11.94-	111426	14 100	11.94-	111848	12 1.0	
		11.94-	112229	14 70				
		[X18XE]	03.96-	111426	14 100	03.96-	111848	12 1.0
		03.96-	112229	14 70				
Astra F 1.8 i 16V	[C18XE]	09.94- 10.94	111426	14 100	09.94- 10.94	111848	12 1.0	
		09.94- 02.98	111732	14 120				
		09.94- 10.94	112229	14 70				
		[C18XEL]	09.94-	111426	14 100	09.94-	111848	12 1.0
		09.94- 02.98	111732	14 120				
		09.94-	112229	14 70				
Astra F 1.8 i	[C18NZ]	09.91- 08.92	111169	14 70				
		09.91- 09.98	111426	14 100				
		09.91- 09.98	112229	14 70				
		03.92- 09.98	111514	14 100				
Astra F 2.0 i 16V	[C20XE]	09.91-	111426	14 100	09.91-	110847	12 1.4	
		09.91-	111732	14 120				
		09.91- 02.98	112056	14 70				
		09.91- 02.98	112229	14 70				
		[X20XEV]	02.95- 09.98	111426	14 100	02.95- 09.98	111848	12 1.0
		02.95- 09.98	112229	14 70				
Astra F 2.0 i	[C20NE]	09.91- 08.92	111169	14 70	09.91- 12.94	110847	12 1.4	
		09.91- 02.98	111732	14 120				
		03.92- 09.98	111426	14 100				
		03.92- 09.98	112229	14 70				
Astra G 1.2 16V	[X12XE]	02.98-	111824	14 70	09.97- 09.00	111123	12 0.9	
					02.98- 09.00	113276	12 1.1	
Astra G 1.4 16V	[X14XE]	02.98-	111990	14 70	09.97- 08.00	111123	12 0.9	
		02.98-	112416	14 100				
	Chas. -12257452, -15257663, -18131574 09.97- 08.00	115619	14 120					
	[Z14XE]	02.98-	111990	14 70	09.00-	111123	12 0.9	
		02.98-	112416	14 100				
	Chas. -12257452, -15257663, -18131574 09.00- 08.05	115619	14 120					
Astra G 1.6	[X16SZR]	02.98-	111990	14 70	09.97- 09.00	111123	12 0.9	
		02.98- 09.00	112416	14 100	02.98- 09.00	113276	12 1.1	
	Chas. -12257452, -15257663, -18131574 09.97- 08.05	115619	14 120					
Astra G 1.6 16V	[C16SEL]	03.98- 08.00	112416	14 100	09.97- 08.00	111123	12 0.9	
		09.98-	111990	14 70				
		Chas. -12257452, -15257663, -18131574 09.97- 08.00	115619	14 120				
		[X16XEL]	02.98-	111990	14 70	09.97- 08.00	111123	12 0.9
			02.98- 08.00	112416	14 100			
		Chas. -12257452, -15257663, -18131574 09.97- 08.00	115619	14 120				
		[Z16XE]	02.98-	111990	14 70	09.00-	111123	12 0.9
			02.98-	112416	14 100			
	Chas. -12257452, -15257663, -18131574 09.00- 08.05	115619	14 120					



	[Z16XEP]	03.98-08.00	112416	14 100		09.97-08.00	111123	12 0.9
		09.98-	111990	14 70				
	Chas. -12257452, -15257663, -18131574	09.97-08.00	115619	14 120				
Astra G 1.7 TD	[X17DTL]	02.98-	112720	14 100		02.98-08.00	110839	12 1.7
Astra G 1.8 16V	[X18XE1]	02.98-	111990	14 70		02.98-09.00	113276	12 1.1
		02.98-	112416	14 100		09.97-09.00	112431	12 1.1
	Chas. -12257452, -15257663, -18131574	09.97-09.00	115619	14 120				
Astra G 2.0 16V	[X20XEV]	09.97-08.05	115619	14 120		09.97-	111848	12 1.0
		02.98-	111990	14 70				
		02.98-	112416	14 100				
Astra G 2.0 Diesel	[X20DTL]	02.98-	111514	14 100		02.98-	113674	12 2.0
		02.98-	113879	14 100				
	[Y20DTL]	09.00-	112415	14 120 A49		09.98-	113674	12 2.0
		02.98-	111514	14 100				
		02.98-	113879	14 100				
		02.98-05.05	116334*	14 120				
Astra J GTC 2.0 BiTurbo CDTi BiTurbo	[A20DTR]	12.12-	114202	14 100		12.12-	113931	12 1.7
		12.12-	114847	14 140		12.12-	114058	12 1.7
		12.12-	115526	14 100				
		12.12-	115583	14 120 A49				
		12.12-	116183*	14 120				
Astra Mk 4 1.6 Dualfuel Dualfuel	[X16XEL]	09.99-08.04	111990	14 70		09.99-08.04	113276	12 1.1
		09.99-08.04	115619	14 120				
	[Z16XE]	09.99-08.04	111990	14 70		09.99-08.04	112416	
		09.99-08.04	115619	14 120		09.99-08.04	113276	12 1.1
Astra MK II 1.3	[C13N]	09.85-08.91	113376	14 55				
Astra MK II 1.6 i	[16SV]	01.87-12.91	113376	14 55				
Astra MK II 2.0 i	[20NE]					01.87-12.91	110847	12 1.4
	[C20NE]	01.91-08.92	111169	14 70		01.91-08.93	110847	12 1.4
		09.92-08.93	111426	14 100				
		09.92-08.93	112229	14 70				
Astra MK III 1.4	[14NV]	09.91-09.93	111426	14 100				
		09.91-09.93	111732	14 120				
		09.91-09.93	113376	14 55				
	[C14NZ]	09.91-02.98	111426	14 100				
		09.91-02.98	111732	14 120				
		09.91-02.98	112229	14 70				
		09.91-02.98	113376	14 55				
Astra MK III 1.4 i 16V	[X14XE]	02.96-02.98	112229	14 70		02.96-02.98	111123	12 0.9
Astra MK III 1.6 i 16V	[X16XEL]	01.94-02.98	112229	14 70		01.94-02.98	111123	12 0.9
Astra MK III 1.6 Si	[C16SE]					03.92-02.98	111127	12 1.4
		PS 09.92-12.94	112229	14 70				
Astra MK III 1.7 Diesel	[17DR]	03.91-12.94	111515	14 70		03.91-12.94	110839	12 1.7
		03.91-12.94	112056	14 70				
Astra MK III 1.7 TD	[17DT (TC4EE1)]	09.88-11.95	111186	14 70		09.88-09.98	111274	12 1.2
		12.91-09.98	111515	14 70				
	[X17DTL]	01.94-02.98	111515	14 70		01.94-02.98	110839	12 1.7
		01.94-02.98	112056	14 70				
Astra MK III 1.8	[C18NZ]	09.91-02.98	111169	14 70				
		09.91-02.98	111426	14 100				
		09.91-02.98	111732	14 120				
		09.91-02.98	112229	14 70				
Astra MK III 1.8 16V	[18SE]	09.95-02.98	111426	14 100		09.95-02.98	111848	12 1.0
		09.95-02.98	111732	14 120				
		09.95-02.98	112229	14 70				
Astra MK III 1.8 i 16V	[C18XEL]	09.94-12.96	111426	14 100		09.94-12.96	111848	12 1.0
		09.94-12.96	112229	14 70				
Astra MK III 2.0 16V	[X20XEV]	01.94-02.98	111426	14 100		01.94-02.98	111848	12 1.0
		01.94-02.98	111732	14 120				
		01.94-02.98	112229	14 70				
Astra MK III 2.0 i 16V	[X20XEV]	01.94-02.98	111426	14 100		01.94-02.98	111848	12 1.0
		01.94-02.98	112229	14 70				
Astra MK III 2.0 DTi 16V	[X20DTH]	08.99-	111514	14 100		08.99-	113674	12 2.0
Astra MK IV 1.2 16V	[Z12XE]	09.00-	111824	14 70		09.00-	111123	12 0.9
						09.00-09.03	113276	12 1.1
Astra MK IV 1.4 Dualfuel	[X14XE]	09.99-06.03	111990	14 70		09.99-06.03	111123	12 0.9
		09.99-06.03	112416	14 100				
		09.99-06.03	115619	14 120				
	[Z14XE]	09.99-06.03	111990	14 70		09.99-06.03	111123	12 0.9
		09.99-06.03	112416	14 100				
		09.99-06.03	115619	14 120				
Astra MK IV 1.6	[Z16SE]	09.00-	111990	14 70		09.00-	111123	12 0.9
		09.00-	112416	14 100		09.00-01.04	113276	12 1.1
		09.00-08.05	115619	14 120				
	Chas. -12257452, -15257663, -18131574	09.00-08.05	115619	14 120				
	[Z16XEP]	12.02-07.09	114431	14 120		12.02-07.09	111123	12 0.9
		12.02-05.05	115306	14 120		12.02-05.05	113276	12 1.1
Astra MK IV 1.6 16V	[Z16XE]	03.01-	111990	14 70		09.00-	111123	12 0.9
		03.01-	112416	14 100		09.97-	111684	12 1.4
	Chas. -12257452, -15257663, -18131574	09.00-10.05	115619	14 120				
	[Z16XEP]	03.00-10.05	114431	14 120		03.00-10.05	113276	12 1.1
						03.00-10.05	111123	12 0.9
Astra MK IV 1.6 Dualfuel	[Z16XE]	09.02-	111990	14 70		09.02-	113276	12 1.1
Astra MK IV 1.6 Dualfuel	[Z16SE]	07.00-07.09	111990	14 70		07.00-07.09	111123	12 0.9
		07.00-07.09	112416	14 100				
		07.00-07.09	115619	14 120				
Astra MK IV 1.6 Dualfuel	[X16SZR]	02.98-12.00	111990	14 70		02.98-12.00	111123	12 0.9
		02.98-12.00	112416	14 100				
		02.98-12.00	115619	14 120				
		02.98-12.00	115619	14 120		02.98-12.00	111123	12 0.9
		02.98-12.00	112416	14 100				
		02.98-12.00	111990	14 70				
Astra MK IV 1.7 CDTi 16V	[Z17DTL]	04.03-	112271	14 100		04.03-08.05	112320	12 1.4
Astra MK IV 1.7 DTi 16V	[Y17DT]	02.00-	112271	14 100		02.00-	112320	12 1.4
		02.00-	112272	14 70				
		AC 02.00-	112271	14 100				



Application list

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Astra MK IV 1.8 16V	[Z18XE]	09.00-	111990	14 70	09.00- 01.04	113276	12 1.1
		09.00-	112416	14 100	09.00-	112431	12 1.1
		Chas. -12257452, -15257663, -18131574	09.00- 10.05	115619	14 120		
Astra MK IV 1.8 Dualfuel 16V	[Z18XE]	09.02- 08.05	111990	14 70	09.02-	113276	12 1.1
		09.02- 08.05	115619	14 120			
		Chas. -12257452, -15257663, -18131574	09.02- 08.05	115619	14 120		
Astra MK IV 1.8 Dualfuel	[Z18XE]	07.02- 08.04	111990	14 70	07.02- 12.03	112431	12 1.1
		07.02- 08.04	112416	14 100	07.02- 08.04	113276	12 1.1
		07.02- 08.04	115619	14 120			
		07.02- 12.03	115619	14 120	07.02- 12.03	113276	12 1.1
		07.02- 12.03	112416	14 100			
Astra MK IV 2.0 16V	[X20XER]	10.99- 05.05	111990	14 70	10.99- 05.05	111848	12 1.0
		10.99- 05.05	112416	14 100			
		10.99- 05.05	115619	14 120			
Astra MK IV 2.0 Turbo 16V	[Z20LET]	03.00-	112416	14 100	03.00-	111848	12 1.0
Astra MK IV 2.0 DTi 16V	[X20DTH]	08.99-	111514	14 100	08.99-	113674	12 2.0
		08.99-	113879	14 100			
	[Y20DTH]	09.00-	112415	14 120 A49	09.00-	113674	12 2.0
		09.00- 05.05	116334*	14 120			
Astra MK IV 2.2	[Z22SE]	03.00-	113352	14 120	03.00-	114341	12 1.2
Astra MK IV 2.2 16V	[Z22SE]	03.01-	113352	14 120	03.01-	114341	12 1.2
					03.01-	112083	12 2.8
					03.01-	112083	12 2.8
Astra MK IV 2.2 DTi	[Y22DTR]	09.02- 05.05	112415	14 120 A49	09.02- 05.05	113674	12 2.0
		09.02- 05.05	116334*	14 120			
Astra MK V 1.2	[Z12XEP]	08.05-	111824	14 70	08.05-	111123	12 0.9
Astra MK V 1.3 CDTi	[Z13DTH]	08.05-	113720	14 75 A49	08.05-	113843	12 1.1
		08.05-	113722	14 90 A49	10.05-	114029	12 1.8
		08.05-	114451	14 105	08.05-	115869	12 1.3 A49
		08.05-	115308	14 120	08.05-	113719	12 1.3
		08.05-	115963	14 90			
		08.05-	116064	14 75			
Astra MK V 1.3 CDTi Sport	[Z13DTH]	04.05-	113722	14 90 A49			
		04.05-	114451	14 105			
		04.05- 11.10	115308	14 120			
		04.05- 11.10	115963	14 90			
Astra MK V 1.4	[Z14XEL]	04.04- 12.05	111824	14 70	04.04- 12.05	111123	12 0.9
		02.05-	114451	14 105			
Astra MK V 1.4 16V	[Z14XEP]	03.04-	111824	14 70	08.04-	111123	12 0.9
Astra MK V 1.4 16V	[Z14XEP]	03.05-	114451	14 105			
Astra MK V 1.4 Turbo	[A14NEL]	08.11-	114728	14 100	08.11-	115719	12 1.1
Astra MK V 1.6	[A16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1
		10.06-	115306	14 120			
	[Z16XEP]	03.04-	114431	14 120	03.04-	113276	12 1.1
		10.06-	114431	14 120	10.06-	114298	12 1.1
	[Z16XER]	10.06-	115306	14 120			
		10.06-	115306	14 120			
Astra MK V 1.6 CC	[Z16XER]	10.06-	114431	14 120	10.06-	114298	12 1.1
Astra MK V 1.6 16V	[Z16XER]	12.06- 11.10	114431	14 120	12.06-	114298	12 1.1
		12.06- 11.10	114668	14 100			
		12.06- 11.10	115306	14 120			
Astra MK V 1.6 Turbo	[Z16LET]	09.06-	115843	14 120	09.06-	114298	12 1.1
Astra MK V 1.7 CDTi 16V Sport Hatch	[A17DTR]	02.07- 11.10	115396*	14 140	02.07-	112320	12 1.4
Astra MK V 1.7 CDTi	[A17DTF]	06.11-	114726	14 100	06.11-	112320	12 1.4
		06.11-	115396*	14 140	06.11-	115830	12 2.0
	[A17DTJ]	02.07-	114665	14 100	02.07-	112320	12 1.4
		02.07-	114512	14 140	02.07-	112320	12 1.4
	[A17DTR]	02.07-	114665	14 100			
		02.07-	114665	14 100			
	[A17DTS]	06.11-	114726	14 100	06.11-	112320	12 1.4
		06.11-	115396*	14 140	A25 06.11-	115830	12 2.0
	[Z17DTH]	03.04- 11.10	113956	14 100	03.04-	112320	12 1.4
		03.04- 03.07	114121	14 110			
	AC	08.04- 03.07	114121	14 110			
		02.07-	114512	14 140	02.07-	112320	12 1.4
	[Z17DTJ]	02.07-	114665	14 100			
02.07-		114665	14 100				
[Z17DTL]	03.04- 05.09	113956	14 100	03.04- 05.09	112320	12 1.4	
	03.04- 05.09	114121	14 110				
[Z17DTR]	02.07-	114512	14 140	02.07-	112320	12 1.4	
	02.07-	114665	14 100				
Astra MK V 1.7 CDTi Sports Tourer	[A17DTF]	06.11-	114726	14 100	06.11-	112320	12 1.4
		06.11-	115396*	14 140			
	[A17DTS]	06.11-	114726	14 100	06.11-	112320	12 1.4
		06.11-	115396*	14 140			
Astra MK V 1.8	[A18XER]	03.07-	114431	14 120	03.07-	114298	12 1.1
		03.04-	111990	14 70	03.04-	113276	12 1.1
	[Z18XE]	08.04- 11.10	115619	14 120			
		02.05- 11.10	112416	14 100			
		03.07-	114431	14 120	03.07-	114298	12 1.1
Astra MK V 1.8 CC	[A18XER]	04.06-	114431	14 120	04.06-	114298	12 1.1
		04.06-	115306	14 120			
	[Z18XER]	04.06-	114431	14 120	04.06-	114298	12 1.1
04.06-		115306	14 120				
Astra MK V 1.9 CDTi 16V	[Z19DTJ]	04.04-	113904	14 130	04.04-	114058	12 1.7
		04.04-	113955	14 105			
		04.04-	114088	14 140			
		04.04-	114204	14 120			
		04.04-	115487	14 140 A49			
Astra MK V 1.9 CDTi	[Z19DT]	02.05-	113904	14 130	02.05-	113931	12 1.7
		02.05-	113955	14 105			
		02.05-	114088	14 140			
		02.05-	114204	14 120			
		02.05- 11.10	115487	14 140 A49			



	[Z19DTH]	06.04- 06.04- 06.04- 06.04- 06.04- 11.10	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		06.04- 08.04-	113931 114058	12 1.7 12 1.7
	[Z19DTJ]	08.04- 03.09 08.04- 03.09 08.04- 03.09	113904 113955 114510	14 130 14 105 14 120		08.04- 03.09	114058	12 1.7
	[Z19DTL]	08.05- 08.05- 08.05- 08.05- 08.05-	113904 113955 114088 114204 115487	14 130 14 105 14 140 14 120 14 140 A49		08.05-	113931	12 1.7
Astra MK V 2.0 VXRacing Edition	[Z20LEH]	02.09- 11.10	115846	14 120		02.09- 11.10	111848	12 1.0
Astra MK V 2.0 Turbo	[Z20LEH]	03.05-	115846	14 120		03.05-	111848	12 1.0
	[Z20LEL]	03.04- 11.10	115846	14 120		03.04-	111848	12 1.0
	[Z20LER]	03.04- 10.10	115846	14 120		03.04- 10.10	111848	12 1.0
Astra MK V 2.0 CDTi	[A20DTH]	08.11- 08.11- 08.11- 08.11- 08.11-	114202 114847 115526 115583 116183*	14 100 14 140 14 100 14 120 A49 14 120		08.11-	113931	12 1.7
Astra MK V 2.0 CDTi Sports Tourer	[A20DTH]	08.11- 08.11- 08.11- 08.11- 08.11-	114202 114847 115526 115583 116183*	14 100 14 140 14 100 14 120 A49 14 120		08.11-	113931	12 1.7
Astra MK VI 1.3 CDTi 16V	[A13DTE]	12.09-	115862	14 120		12.09- 12.09-	115570 114029	12 1.4 12 1.8
Astra MK VI 1.4	[A14NEL]					10.11- 10.11-	115395 115646	12 1.1 12 1.1
	[A14NET]					10.11- 10.11-	115395 115646	12 1.1 12 1.1
Astra MK VI 1.4 16V VVT	[A14NET]	12.09-	114728	14 100		12.09- 12.09-	115719 115646	12 1.1 12 1.1
	[A14XEL]	12.09-	114728	14 100		12.09- 12.09-	115719 115646	12 1.1 12 1.1
	[A14XER]	12.09-	114728	14 100		12.09- 12.09-	115719 115646	12 1.1 12 1.1
Astra MK VI 1.4 16V	[A14NET]	10.10-	114728	14 100		10.10- 10.10-	115719 115646	12 1.1 12 1.1
	[A14XER]	10.10-	114728	14 100		10.10- 10.10- 10.10- 10.10-	115719 115646 115395 115646	12 1.1 12 1.1 12 1.1 12 1.1
Astra MK VI 1.6	[A16LET]	10.11- 10.11-	114067 114779	14 140 14 100		10.11-	114298	12 1.1
Astra MK VI 1.6 16V Turbo	[A16LET]	12.09-	114779	14 100		12.09-	114298	12 1.1
Astra MK VI 1.6 16V VVT	[A16XER]	12.09- 12.09-	114779 115410	14 100 14 100		12.09- A25 12.09-	114298 116257	12 1.1 12 1.7
Astra MK VI 1.6 16V	[A16XER]	10.10-	114779	14 100		A25 10.10- 10.10-	116257 114298	12 1.7 12 1.1
Astra MK VI 1.7 CDTi 16V	[A17DTC]	10.10-	114726	14 100				
	[A17DTE]	10.10-	114726	14 100				
	[A17DTJ]	10.10- 10.10-	114726 115396*	14 100 14 140		10.10-	112320	12 1.4
	[A17DTR]	10.10- 10.10-	114726 115396*	14 100 14 140		10.10-	112320	12 1.4
Astra MK VI 1.7 CDTi	[A17DTC]	12.09-	114726	14 100				
	[A17DTE]	12.09-	114726	14 100				
	[A17DTJ]	12.09- 12.09-	114726 115396*	14 100 14 140		12.09-	112320	12 1.4
	[A17DTR]	12.09- 12.09-	114726 115396*	14 100 14 140		12.09-	112320	12 1.4
	[A17DTS]	06.12-	115396*	14 140		06.12-	115830	12 2.0
Astra MK VI 1.7 CDTi GTC	[A17DTC]	10.11-	114726	14 100				
	[A17DTE]	10.11- 10.11-	114726 115396*	14 100 14 140		10.11-	115830	12 2.0
	[A17DTF]	10.11- 10.11-	114726 115396*	14 100 14 140		10.11-	115830	12 2.0
	[A17DTJ]	10.11-	114726	14 100				
	[A17DTS]	10.11- 10.11-	114726 115396*	14 100 14 140		10.11-	115830	12 2.0
Astra MK VI 2.0 BiTurbo CDTi	[A20DTR]	12.12- 12.12- 12.12- 12.12- 12.12-	114202 114847 115526 115583 116183*	14 100 14 140 14 100 14 120 A49 14 120		12.12-	113931	12 1.7
Astra MK VI 2.0 CDTi 16V	[A20DTH]	10.10- 10.10- 10.10- 10.10- 10.10-	114202 114847 115526 115583 116183*	14 100 14 140 14 100 14 120 A49 14 120		10.10- 10.10-	113931 114058	12 1.7 12 1.7
Astra MK VI 2.0 CDTi	[A20DTH]	12.09- 12.09- 12.09- 12.09- 12.09-	114202 114847 115526 115583 116183*	14 100 14 140 14 100 14 120 A49 14 120		12.09- 12.09-	114058 113931	12 1.7 12 1.7
Astramax 1.6	[C16NZ]					08.91- 10.94	111123	12 0.9
Astravan 1.3 CDTi	[Z13DTH]	08.05- 08.05- 08.05- 08.05-	113722 114451 115308 115963	14 90 A49 14 105 14 120 14 90				
Astravan 1.9 CDTi	[Z19DTH]	03.05- 03.05- 03.05- 03.05- 11.11	113904 113955 114088 115487	14 130 14 105 14 140 14 140 A49				

STARTERS & ALTERNATORS



	[Z19DTJ]	03.05- 03.05- 03.05- 03.05- 11.11	113904 113955 114088 115487	14 130 14 105 14 140 14 140 A49				
Astravan III 1.4 i	[C14NZ]	01.91- 10.94 PS 01.91- 10.94	113376 112229	14 55 14 70	09.91- 02.98	111127	12 1.4	
Astravan III 1.6 i	[C16NZ]	PS 09.95- 08.98	112229	14 70	09.91- 02.98	111127	12 1.4	
	[X16SZ]	PS 02.94- 10.96	112229	14 70				
Astravan III 1.7 Diesel	[17DR]	01.91- 08.94 01.91- 08.94	111515 112056	14 70 14 70	01.91- 08.94	110839	12 1.7	
Astravan III 1.7 TD	[X17DTL]	01.94- 08.98 01.94- 08.98	111515 112056	14 70 14 70	01.94- 08.98	110839	12 1.7	
Astravan MK IV 1.6 i	[X16SZR]	08.98- 08.98- Chas. -12257452, -15257663, -18131574	111990 112416 115619	14 70 14 100 14 120	08.98- 09.00	111123	12 0.9	
	[Z16SE]	09.00- 09.00- Chas. -12257452, -15257663, -18131574	111990 112416 115619	14 70 14 100 14 120	09.00-	111123	12 0.9	
Astravan MK IV 1.6 Dualfuel	[X16SZR]	02.98- 12.00 02.98- 12.00 02.98- 12.00	111990 112416 115619	14 70 14 100 14 120	02.98- 12.00	111123	12 0.9	
	[Z16SE]	09.00- 10.04 09.00- 10.04 09.00- 10.04	111990 112416 115619	14 70 14 100 14 120	09.00- 10.04	111123	12 0.9	
	[Z16XEP]	10.04- 12.05 10.04- 12.05	114431 115306	14 120 14 120	10.04- 12.05	113276	12 1.1	
Astravan MK IV 1.6 Dualfuel Dualfuel	[Z16XE]	07.00- 08.05 07.00- 08.05 07.00- 08.05	111990 112416 115619	14 70 14 100 14 120	07.00- 08.05	113276	12 1.1	
Astravan MK IV 1.7 CDTi	[Z17DTL]	04.04- 04.04- AC 04.04-	112271 113956 114121	14 100 14 100 14 110	04.04-	112320	12 1.4	
Astravan MK IV 2.0 Diesel Di	[X20DTL]	08.98-	111514	14 100	08.98-	113674	12 2.0	
Astravan MK IV 2.0 DTi	[Y20DTH]	04.04-	111514	14 100	Eng. 17883781- 04.04-	113674	12 2.0	
Astravan Mk V 1.6	[Z16XEP]	03.05- 03.05-	114431 115306	14 120 14 120				
Astravan Mk V 1.7 CDTi 16V	[Z17DTH]	03.05- 03.05-	113956 114121	14 100 14 110	03.05-	112320	12 1.4	
Astravan Mk V 1.7 CDTi	[A17DTJ]	11.11- 11.11-	114512 114665	14 140 14 100	11.11-	112320	12 1.4	
	[A17DTR]	11.11- 11.11-	114512 114665	14 140 14 100	11.11-	112320	12 1.4	
	[Z17DTJ]	11.11- 11.11-	114512 114665	14 140 14 100	11.11-	112320	12 1.4	
	[Z17DTL]	03.05- 07.06 AC 03.05- 07.06	113956 114121	14 100 14 110				
	[Z17DTR]	11.11- 11.11-	114512 114665	14 140 14 100	11.11-	112320	12 1.4	
Belmont 1.3	[13S]	09.85- 12.88	113376	14 55				
Belmont 1.4 i	[C14NZ]	01.90- 12.91	113376	14 55				
Belmont 1.5 DT	[15DT]				01.87- 08.89	111136	12 1.4	
Belmont 1.6	[16SH]	09.85- 08.91 09.85- 08.91	111168 113376	14 55 14 55	01.88- 09.93	111123	12 0.9	
Belmont 1.6 Diesel	[16DA]	09.85- 08.91	110972	14 65	09.85-	110839	12 1.7	
Belmont 1.7 Diesel	[17D]				01.89- 01.91	110839	12 1.7	
Belmont 1.8 i	[18E]	09.85- 08.86	111168	14 55				
	[18SE]	09.86- 08.91	111168	14 55				
Brava 2.5 Diesel	[4JA1]	08.91- 06.94	111267	14 50	08.91- 06.94	112083	12 2.8	
Brava 2.5 Diesel 4x4	[4JA1T]	06.90- 12.96 06.90- 12.96	111267 111767	14 50 14 80	06.90- 12.96	112083	12 2.8	
Brava 2.5 TD	[4JA1T]	07.94- 03.98 03.97- 08.02	111267 111767	14 50 14 80	07.94- 08.02	112083	12 2.8	
Brava 2.5 TD 4x4	[4JA1T]	12.96- 03.98 03.97- 08.02	111267 111767	14 50 14 80	07.94- 08.02	112083	12 2.8	
Calibra A 2.0 i 16V	[C20XE]				06.90- 12.94	110847	12 1.4	
Calibra A 2.0 i 16V 4x4	[C20XE]				06.90- 02.94	110847	12 1.4	
Calibra A 2.0 i Turbo 4x4	[C20LET]	03.92- 07.97	111514	14 100				
Calibra A 2.0 i	[C20NE]	03.90- 03.97	111169	14 70				
Calibra A 2.0 i 4x4	[C20NE]	06.90- 03.97	111169	14 70	06.90- 12.94	110847	12 1.4	
Calibra A 2.5 i V6	[C25XE]	02.93- 11.95	111514	14 100				
	[X25XE]	04.93- 07.97	111514	14 100				
Carlton 1.8	[18NV]	09.86- 12.89 09.86- 12.89	111168 111169	14 55 14 70				
	[E18NVR]	09.88- 08.95	111169	14 70				
Carlton 1.8 i	[18SEH]				01.86-	110847	12 1.4	
Carlton 1.8 S	[18S]	12.82- 08.86 12.82- 08.86	110972 111168	14 65 14 55				
	[18SV]	09.86- 10.94 09.86- 08.95	111168 111169	14 55 14 70				
Carlton 2.0	[C20NE]	09.86- 10.94	111168	14 55				
	[C20NEF]	06.89- 03.94 06.89- 03.94	111168 111169	14 55 14 70				
	[C20NEJ]	09.88- 03.94 06.89- 03.94	111169 111168	14 70 14 55				
Carlton 2.0 i	[20E]	01.83- 12.84	111168	14 55				
	[20SE]				09.86- 10.94	110847	12 1.4	
	[C20NEJ]	06.89- 03.94 06.89- 03.94	111168 111169	14 55 14 70				
Carlton 2.2 i	[22E]	11.84- 08.86	113376	14 55				
Carlton 2.3 Diesel	[23D]	01.82- 08.86	113376	14 55				
	[23YD]	09.86- 03.94 09.86- 03.94	111164 113376	14 70 14 55	09.86- 03.94	110844	12 2.2	
Carlton 2.3 TD	[23YDT]	09.86- 08.88	111164	14 70	09.86- 08.88	110844	12 2.2	
Carlton 2.3 TD Intercooler	[23DTR]				09.88- 10.94	110844	12 2.2	
Carlton MK 1.8 S	[18S]	11.82- 08.86	110972	14 65				
		11.82- 08.86	111168	14 55				



Cascada 1.4	[A14NEL]				02.13-	115395	12 1.1	
	[A14NET]				02.13-	115646	12 1.1	
Cascada 2.0 CDTI	[A20DTH]				02.13-	115395	12 1.1	
	[A20DTR]				02.13-	115646	12 1.1	
Cavalier 1.3	[13N]	09.81- 08.88	113376	14 55				
		11.88- 08.95	111169	14 70				
Cavalier 1.3 S	[13S]	09.81- 08.88	113376	14 55				
Cavalier 1.4 S	[14NV]	09.88- 11.95	113376	14 55	09.88- 11.95	111123	12 0.9	
Cavalier 1.6	[16SH]	10.83- 08.88	111168	14 55	09.88- 11.95	111684	12 1.4	
	[16SV]	09.88- 05.93	113376	14 55	09.88- 05.93	111127	12 1.4	
Cavalier 1.6 i	[C16LZ]	08.86- 08.88	111168	14 55				
	[C16NZ]	08.86- 08.88	111168	14 55				
Cavalier 1.6 S	[E16NZ]	09.88- 11.95	112229	14 70	Eng. 082382-, 085881	09.87- 12.91	111127	12 1.4
		09.88- 11.95	113376	14 55				
		PS 09.88- 11.95	112229	14 70				
	[X16SZ]	09.93- 11.95	113376	14 55	09.94- 11.95	111123	12 0.9	
Cavalier 1.6 S	[16SH]	09.81- 08.88	111168	14 55				
Cavalier 1.6 Diesel	[16D]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
	[16DA]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
Cavalier 1.6 Diesel 1600	[16D]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
	[16DA]	03.82- 08.88	110972	14 65	03.82- 08.88	110839	12 1.7	
Cavalier 1.7 Diesel	[17D]	09.88- 09.92	112056	14 70	09.88- 09.92	110839	12 1.7	
		11.88- 08.95	111168	14 55				
	[17DR]	07.92- 11.95	112056	14 70	07.92- 11.95	110839	12 1.7	
Cavalier 1.7 TD	[17DT (TC4EE1)]	09.88- 11.95	111186	14 70	09.88- 11.95	111274	12 1.2	
Cavalier 1.8	[18SV]	09.88- 08.95	111169	14 70	09.88- 12.94	110847	12 1.4 BO	
	[C18NZ]	09.88- 08.95	111169	14 70	09.88- 12.94	110847	12 1.4 BO	
	[E18NV]	08.86- 08.88	111168	14 55				
	[E18NVR]	09.89- 08.92	111169	14 70				
Cavalier 1.8 i		09.89- 08.92	112056	14 70				
	[18E]	09.81- 08.88	111168	14 55				
	[18SE]	09.81- 08.88	111168	14 55				
	[C18NZ]	03.90- 11.95	111169	14 70	03.90- 12.94	110847	12 1.4	
		03.90- 11.95	111514	14 100				
Cavalier 2.0	[20S]	11.88- 08.95	111169	14 70				
Cavalier 2.0 i 16V	[C20XE]	09.88- 11.95	112056	14 70	09.88- 11.95	110847	12 1.4	
	[X20XE]	09.93- 11.95	111426	14 100	09.93- 11.95	111848	12 1.0	
		09.93- 11.95	111732	14 120				
		PS 09.93- 11.95	112229	14 70				
Cavalier 2.0 i 16V 4x4	[C20XE]				09.88- 11.95	110847	12 1.4	
Cavalier 2.0 i	[20NE]	09.86- 08.88	112056	14 70	09.88- 10.92	110847	12 1.4	
		09.88- 08.95	111169	14 70				
		09.88- 10.90	111514	14 100				
	[20SEH]	03.87- 08.88	112056	14 70	03.87- 09.92	110847	12 1.4	
		09.88- 09.92	111169	14 70				
	[C20NE]	09.86- 08.88	112056	14 70	09.86- 12.94	110847	12 1.4	
		09.88- 11.95	111169	14 70				
		09.90- 11.95	111514	14 100				
Cavalier 2.0 i 2000	[20SE]	09.86- 08.88	112056	14 70	09.86- 08.88	110847	12 1.4	
Cavalier 2.0 i 4x4	[20NE]	09.88- 08.95	111426	14 100				
		09.88- 08.95	111732	14 120				
		PS 09.88- 08.95	112229	14 70				
		Chas. -MV206209, -M1175514, -M5247753	08.88- 08.95	111169	14 70			
	[20SEH]	09.88- 09.92	111169	14 70	09.88- 09.92	110847	12 1.4	
Cavalier 2.5 V6	[C25XE]	02.93- 11.95	111514	14 100				
Cavalier MK 2.0 i 16V 4x4	[C20XE]				01.92- 11.93	110847	12 1.4	
Cavalier MK 2.0 i Turbo 4x4	[C20LET]	09.92- 08.95	111426	14 100				
		09.92- 08.95	111732	14 120				
		PS 09.92- 08.95	112229	14 70				
Cavalier Mk II 2.0		11.88- 08.95	111169	14 70				
Chevette 1.3	[13N]	01.75- 01.80	110178	14 36	03.75- 12.85	111102	12 0.8	
		03.75- 12.85	110077	14 50				
		03.75- 12.85	111185	14 43	A47			
	[13S]	03.75- 12.85	110077	14 50	03.75- 12.85	111102	12 0.8	
		03.75- 01.80	110178	14 36				
		03.75- 12.85	111185	14 43	A47			
Combo 1.2	[C12NZ]	07.94- 10.01	113376	14 55	07.94- 10.01	111684	12 1.4	
		ACPS 07.94-	112229	14 70	07.94- 08.97	111123	12 0.9	
	[X12SZ]	07.84- 10.01	113376	14 55	07.94- 10.01	111684	12 1.4	
		ACPS 07.94-	112229	14 70	07.94- 08.97	111123	12 0.9	
Combo 1.3 CDTI 16V	[Z13DT]	09.04-	113720	14 75	A49	09.04-	113843	12 1.1
		09.04-	113722	14 90	A49			
		09.04-	115963	14 90				
		09.04-	116064	14 75				
	[Z13DTJ]	10.05-	113722	14 90	A49	10.05-	114029	12 1.8
		10.05-	114451	14 105				
		10.05- 11.11	115963	14 90				
Combo 1.3 CDTI	[A13FD]	11.11-	115346	14 120				
Combo 1.4	[C14NZ]	07.94- 03.96	113376	14 55	07.94- 08.97	111123	12 0.9	
		ACPS 07.94- 03.96	111426	14 100				
		ACPS 07.94- 03.96	112229	14 70				
	[C14SE]	07.94- 10.01	111426	14 100	07.94- 10.01	111684	12 1.4	
		07.94- 10.01	113376	14 55	07.94- 08.97	111123	12 0.9	
		PS 07.94-	112229	14 70				
	AC 07.94-	111732	14 120					
	AC 07.94-	112229	14 70					
	[Z14XEP]				01.04-	111123	12 0.9	
Combo 1.6	[Z16SE]	10.01-	111990	14 70	10.01-	111123	12 0.9	
		10.01-	112416	14 100	10.01-	111684	12 1.4	
Combo 1.6 16V CNG	[Z16YNG]	04.05-	112416	14 100	04.05-	111123	12 0.9	
		04.05-	115619	14 120	04.05-	113276	12 1.1	



Application list

VAUXHALL Continued

Combo 1.6 CDTi	[A16FDL]	11.11-	115429	14	120				
Combo 1.7 CDTi 16V	[Z17DTH]	12.04-	113941	14	100				
		AC 12.04-	114121	14	110				
Combo 1.7 Diesel 16V	[Y17DTL]					09.01-	112320	12	1.4
Combo 1.7 Diesel	[17D (4EE1)]	07.94-	111186	14	70	Eng. -00877695 07.94-	111136	12	1.4
		04.96-	111515	14	70	Eng. 877696- 07.94-	111534	12	1.4
	[X17D (4EE1)]	04.96-	111186	14	70	Eng. -00877695 04.96-	111136	12	1.4
		04.96-	111515	14	70	Eng. 877696- 04.96-	111534	12	1.4
Combo 1.7 DTi	[Y17DT]	10.01-	112272	14	70	10.01-	112320	12	1.4
		AC 10.01-	112271	14	100				
Combo Mk II 1.4 16V	[Z14XE]	10.01-05.07	111824	14	70	10.01-05.07	114298	12	1.1
		10.01-05.07	115304	14	120	10.01-05.07	113276	12	1.1
Combo Mk II 1.6 CDTi	[A16FDH]	11.11-	115429	14	120				
Combo Tour Mk II 1.3 CDTi 16V	[Z13DT,Y13DT]	09.04-09.06	113720	14	75 A49	09.04-09.06	113843	12	1.1
		09.04-09.06	114451	14	105	09.04-09.06	114029	12	1.8
		09.04-09.06	115308	14	120				
		09.04-09.06	116064	14	75				
	[Z13DTJ]	10.05-09.10	113720	14	75 A49	10.05-09.10	114029	12	1.8
		10.05-09.10	114451	14	105				
		07.06-02.12	113722	14	90 A49				
		07.06-02.12	115308	14	120				
		07.06-02.12	115963	14	90				
		07.06-02.12	116064	14	75				
Combo Tour Mk II 1.4	[Z14XEP]	10.04-09.10	111824	14	70	10.04-09.10	111123	12	0.9
Combo Tour Mk II 1.6	[Z16SE]	10.01-06.04	111990	14	70	10.01-06.04	111123	12	0.9
		10.01-06.04	112416	14	100				
Combo Tour Mk II 1.6 CNG	[Z16YNG]	04.05-02.12	112416	14	100	04.05-02.12	113276	12	1.1
		04.05-02.12	115619	14	120				
Combo Tour Mk II 1.6 CNG	[Z16YNG]	06.06-09.10	112416	14	100	06.06-09.10	113276	12	1.1
		06.06-09.10	115619	14	120				
Combo Tour Mk II 1.7 16V	[Y17DT]					10.01-02.12	112320	12	1.4
Combo Tour Mk II 1.7 CDTi 16V	[Z17DTH]	12.04-09.10	113941	14	100	12.04-09.10	112320	12	1.4
		12.04-09.10	114121	14	110				
Combo Tour Mk II 1.7 Di 16V	[Y17DTL]	09.01-06.04	112272	14	70	09.01-06.04	112320	12	1.4
Corsa Mk III 1.0	[Z10XEP]	07.06-	114249	14	70				
Corsa Mk III 1.2	[Z12XEP]	07.06-	114249	14	70				
Corsa Mk III 1.4	[Z14XEP]	07.06-	114249	14	70				
Corsa B 1.0 i 12V	[X10XE]	11.96-	111824	14	70	11.96-09.00	111123	12	0.9
Corsa B 1.2 i 16V	[X12XE]	03.98-09.00	111824	14	70	03.98-09.00	111123	12	0.9
Corsa B 1.2 i	[C12NZ]	03.93-09.00	113376	14	55	09.94-08.00	113276	12	1.1
						03.93-08.97	111123	12	0.9
		ACPS 03.93-	112229	14	70	09.94-08.00	111684	12	1.4
	[X12SZ]	03.93-09.00	113376	14	55	04.94-08.00	113276	12	1.1
		ACPS 03.93-	112229	14	70	03.93-08.97	111123	12	0.9
Corsa B 1.4 i 16V	[X14XE]	09.94-	111426	14	100	09.94-09.00	111123	12	0.9
		09.94-	112229	14	70				
Corsa B 1.4 i	[C14NZ]	03.93-	111426	14	100	03.93-09.00	111123	12	0.9
		03.93-	112229	14	70	09.94-08.00	111684	12	1.4
		09.93-09.00	113376	14	55				
		PS 03.93-	112229	14	70				
		AC 03.93-	111426	14	100				
	[C14SE]	03.93-09.00	113376	14	55	03.93-09.00	111123	12	0.9
		04.94-08.00	111426	14	100				
	[X14SZ]	03.93-09.00	113376	14	55	09.94-08.00	111684	12	1.4
						03.93-09.00	111123	12	0.9
Corsa B 1.5 Diesel	[15D]	03.93-	111186	14	70	Eng. -00877695 03.93-	111136	12	1.4
		03.93-09.00	111515	14	70	Eng. 877696- 03.93-	111534	12	1.4
Corsa B 1.5 TD	[15DT (T4EC1)]	03.93-	111186	14	70	03.93-	111136	12	1.4
		09.96-	111515	14	70	03.93-	111534	12	1.4
	[X15DT (T4EC1)]	04.96-	111186	14	70	04.96-	111136	12	1.4
		04.96-	111515	14	70	04.96-	111534	12	1.4
Corsa B 1.6 GSi 16V	[C16XE]	03.93-	111426	14	100	03.93-	111123	12	0.9
		03.93-	112229	14	70	09.94-08.00	111684	12	1.4
Corsa B 1.6 i 16V	[X16XE]	09.94-	111426	14	100	09.94-09.00	111123	12	0.9
		09.94-	112229	14	70				
Corsa B 1.7 Diesel	[17D]	03.93-	111186	14	70	Eng. -00877695 03.93-	111136	12	1.4
		02.96-	111515	14	70	Eng. 877696- 03.93-	111534	12	1.4
	[X17D]	04.96-	111186	14	70	Eng. -00877695 04.96-	111136	12	1.4
		04.96-	111515	14	70	Eng. 877696- 04.96-	111534	12	1.4
Corsa MK II 1.4 16V	[C14SEL]	08.97-09.00	111426	14	100	08.97-09.00	111123	12	0.9
		08.97-09.00	112229	14	70				
Corsa MK II 1.6 16V	[C16SEL]	08.97-09.00	111426	14	100	08.97-09.00	111123	12	0.9
		08.97-09.00	112229	14	70				
CORSA Mk III 1.0 12V	[A10XEP]	06.10-	114249	14	70				
	[Z10XE]	09.00-02.01	111824	14	70	Chas. -19P00893 09.00-08.03	111123	12	0.9
						Chas. 19P00894- 09.00-08.03	113276	12	1.1
Corsa Mk III 1.2	[A12XEL]	06.10-	114249	14	70	06.10-	115646	12	1.1
		06.10-	114492	14	100	06.10-	115719	12	1.1
						06.10-	115395	12	1.1
Corsa MK III 1.2 Twinport	[Z12XEP]					07.04-	111123	12	0.9
CORSA Mk III 1.2 16V	[A12XER]	06.10-	114249	14	70	06.10-	115646	12	1.1
		06.10-	114492	14	100	06.10-	115719	12	1.1
						06.10-	111123	12	0.9
	[Z12XE]	09.00-02.01	111824	14	70	09.00-	111123	12	0.9
						09.00-	113276	12	1.1
		Chas. -16999999 09.00-02.01	111824	14	70	09.00-	111684	12	1.4
Corsa MK III 1.2 BiFuel LPG	[A12XER]	06.11-	114249	14	70	06.11-	115395	12	1.1
		06.11-	114492	14	100	06.11-	115646	12	1.1
						06.11-	115719	12	1.1
Corsa MK III 1.2 BiFuel LPG	[Z12XEP]	09.09-	114249	14	70	09.09-	111123	12	0.9
		09.09-	114492	14	100				
Corsa MK III 1.2 Dualfuel 16V	[Z12XE]					08.01-08.04	113276	12	1.1
		Chas. -16999999 08.01-08.04	111824	14	70	08.01-08.04	111123	12	0.9



Corsa Mk III 1.3 CDTi 16V	[A13DTE]	07.10-	113722	14 90	A49	07.10-	115570	12 1.4
		07.10-	114409	14 100				
		07.10-	114754	14 120				
		07.10-	114895	14 70				
		07.10-	115963	14 90				
	[A13DTR]	07.10-	113722	14 90	A49	07.10-	115570	12 1.4
		07.10-	114409	14 100				
		07.10-	114754	14 120				
		07.10-	114895	14 70				
		07.10-	115963	14 90				
	[Z13DT]	08.03-	113722	14 90	A49	04.04-	113719	12 1.3
		08.03-	114451	14 105		04.04-	113843	12 1.1
		08.03-	115308	14 120		08.03-	115869	12 1.3 A49
		08.03-	115963	14 90				
		08.03-	116064	14 75				
04.04-		112416	14 100					
04.04-		113720	14 75	A49				
04.04-								
[Z13DTE]	07.10-	113722	14 90	A49	07.10-	115570	12 1.4	
	07.10-	114409	14 100					
	07.10-	114754	14 120					
	07.10-	114895	14 70					
	07.10-	115963	14 90					
[Z13DTJ]	09.05- 09.06	113720	14 75	A49	09.05- 09.06	113843	12 1.1	
	09.05- 09.06	113722	14 90	A49	09.05- 09.06	114029	12 1.8	
	09.05- 09.06	115308	14 120					
	09.05- 09.06	115963	14 90					
	09.05- 09.06	116064	14 75					
Corsa Mk III 1.3 CDTi	[Z13DTH]	07.06-	114409	14 100	07.06-	114029	12 1.8	
		07.06-	114754	14 120				
		07.06-	114895	14 70				
[Z13DTJ]	07.06-	114409	14 100	07.06-	113843	12 1.1		
	07.06-	114754	14 120	07.06-	114029	12 1.8		
	07.06-	114895	14 70					
Corsa Mk III 1.4	[A14NEL]				07.12-	115395	12 1.1	
					07.12-	115646	12 1.1	
Corsa MK III 1.4 Twinport	[Z14XEP]	06.03-	111824	14 70				
Corsa Mk III 1.4 16V	[A14XER]	07.10-	114249	14 70	07.10-	115646	12 1.1	
		07.10-	114492	14 100	07.10-	115719	12 1.1	
		07.10-	116202	14 120				
		07.10-	116203	14 100				
[Z14XE]	09.00- 08.03	111990	14 70	09.00-	113276	12 1.1		
				09.00-	111123	12 0.9		
				09.00-	111684	12 1.4		
Corsa Mk III 1.4 BiFuel LPG	[Z14XEP]	07.06-	114249	14 70	07.06-	111123	12 0.9	
		07.06-	114492	14 100				
Corsa MK III 1.6	[Z16LEL]	05.07-	115843	14 120	05.07-	114298	12 1.1	
		[Z16SE]	08.01- 10.04	111990	14 70	08.01- 10.04	111123	12 0.9
			08.01- 10.04	112416	14 100			
		08.01- 10.04	115619	14 120				
Corsa Mk III 1.6 Turbo	[Z16LER]	02.07-	115843	14 120	02.07-	114298	12 1.1	
Corsa Mk III 1.7 CDTi 16V	[A17DTS]	07.10-	114665	14 100	07.10-	112320	12 1.4	
	[Z17DTH]	04.04-	112272	14 70	04.04-	112320	12 1.4	
		04.04-	113941	14 100				
Corsa Mk III 1.7 CDTi	[Z17DTR]	07.06-	114665	14 100				
Corsa MK III 1.7 DT 16V	[Y17DTL]	09.00-	112272	14 70	09.00-	112320	12 1.4	
		AC 09.00-	112271	14 100				
Corsa MK III 1.7 DTi 16V	[Y17DT]	09.00-	112271	14 100	09.00- 08.03	112320	12 1.4	
		09.00-	112272	14 70				
Corsa MK III 1.8 16V	[Z18XE]	09.00-	111990	14 70	09.01-	113276	12 1.1	
Corsa MK IV 1.4	[A14XEL]	09.09-	116202	14 120	09.09-	115646	12 1.1	
		09.09-	116203	14 100	09.09-	115719	12 1.1	
	[B14XEJ]				09.14-	115395	12 1.1	
Corsa Mk IV 1.4 LPG	[B14XEL]				08.14-	115395	12 1.1	
					08.14-	115395	12 1.1	
Corsa MK IV 1.4 LPG	[A14XEL]	09.09-	116202	14 120	09.09-	115719	12 1.1	
		09.09-	116203	14 100	09.09-	115646	12 1.1	
Corsa MK IV 1.6 VXR	[A16LES]				06.11-	114298	12 1.1	
Corsavan 1.4 i	[C14NZ]	01.94-	111426	14 100	01.94- 09.00	113276	12 1.1	
		01.94-	112229	14 70				
		01.94- 09.00	113376	14 55				
		PS 01.94-	112229	14 70				
		AC 01.94-	111426	14 100				
Corsavan 1.7 Diesel	[17D (4EE1)]	Eng. 00975025- 03.93-	111515	14 70	Eng. 877696- 03.93-	111534	12 1.4	
		Eng. -00975024 03.93-	111186	14 70	Eng. -00877695 01.94-	111136	12 1.4	
	[X17D (4EE1)]	Eng. 00975025- 04.96-	111515	14 70	Eng. 877696- 04.96-	111534	12 1.4	
		Eng. -00975024 04.96-	111186	14 70	Eng. -00877695 01.94-	111136	12 1.4	
Corsavan E 1.4	[B14XEJ]				10.14-	115395	12 1.1	
Corsavan MK II 1.2 16V	[Z12XEP]				07.04- 11.06	113276	12 1.1	
Corsavan MK II 1.2 Dualfuel	[Z12XEP]				07.04- 12.05	113276	12 1.1	
Corsavan MK III 1.2 16V	[A12XEL]	07.06-	114249	14 70	07.06-	115646	12 1.1	
		07.06-	114492	14 100	07.06-	115719	12 1.1	
					07.06-	113276	12 1.1	
		[Z12XE]	09.00-	111824	14 70	09.00- 08.04	113276	12 1.1
Corsavan MK III 1.2 Dualfuel 16V	[Z12XE]				08.01-	111123	12 0.9	
					08.01-	113276	12 1.1	
Corsavan MK III 1.3 CDTi 16V	[Z13DT]	04.04-	112416	14 100	04.04-	113843	12 1.1	
		04.04-	113722	14 90	A49	04.04-	114029	12 1.8
		04.04- 06.06	115963	14 90		04.04- 06.06	115869	12 1.3 A49
	[Z13DTH]	07.06-	114409	14 100	07.06-	113843	12 1.1	
		07.06-	114754	14 120	07.06-	114029	12 1.8	
		07.06-	114895	14 70				
[Z13DTJ]	07.06-	114409	14 100	07.06-	113843	12 1.1		
	07.06-	114754	14 120	07.06-	114029	12 1.8		
	07.06-	114895	14 70					
Corsavan MK III 1.7 Diesel	[Y17DTL]	09.00-	112272	14 70	09.00- 08.03	112320	12 1.4	
		AC 09.00-	112271	14 100				



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Corsavan MK III 1.7 DTi 16V	[Y17DT]	09.00-	112272	14 70	09.00- 08.03	112320	12 1.4
		AC 09.00-	112271	14 100			
Corsavan MK IV 1.2	[Z12XEP]	07.09-	114249	14 70	07.09-	111123	12 0.9
Corsavan MK IV 1.3 CDTi	[Z13DTE]	07.06-	114409	14 100	07.06-	114029	12 1.8
		07.06-	114754	14 120	07.06-	115570	12 1.4
		07.06-	114895	14 70			
Firenza 1.3 1300		01.71- 10.73	110178	14 36			
Frontera 2.2 Dti	[Y22DTH]				09.00- 10.04	113674	12 2.0
Frontera A 2.0 i 4x4 Sport	[C20NE]	01.92-	111169	14 70	03.92-	110847	12 1.4
		03.92- 10.98	111075	14 55			
		02.95- 10.98	111426	14 100			
	[X20SE]	02.95- 10.98	111732	14 120			
		03.92- 10.98	111075	14 55	02.95-	110847	12 1.4
		02.95- 08.98	111426	14 100			
	AC	02.95- 08.98	111732	14 120			
Frontera A 2.2 i 4x4 Long	[X22XE]	03.95-	111426	14 100	03.95-	111848	12 1.0
		03.95-	111732	14 120			
Frontera A 2.3 TD 4x4 Long	[Z3DTR]	01.92-	111164	14 70	03.92-	110844	12 2.2
Frontera A 2.5 TD 4x4 Long	[Z5TDS]	11.91- 06.98	115752	14 90	06.96- 08.98	111724	12 2.0
Frontera A 2.5 TD 4x4 Sport	[Z5TDS]	09.96- 10.98	115752	14 90	06.96- 08.98	111724	12 2.0
Frontera A 2.8 TD 4x4 Long	[Z8TDI (4JB1T)]	03.95-	111767	14 80	03.95-	111559	12 2.0
Frontera A 2.8 TD 4x4 Sport	[Z8TDI (4JB1T)]	03.95- 08.96	111767	14 80	03.95- 08.96	111559	12 2.0
Frontera B 2.2 i	[X22SE]	02.95-	111426	14 100	02.95-	111848	12 1.0
		02.95-	111732	14 120			
	10.98-	111514	14 100				
	[Y22SE]	10.98-	111514	14 100			
Frontera B 2.2 DTi	[X22DTH]				09.98-	113674	12 2.0
	[Y22DTH]				09.98-	113674	12 2.0
Insignia 1.4	[A14NET]				04.11-	115395	12 1.1
					04.11-	115646	12 1.1
Insignia 1.4 LPG	[A14NET]				07.12-	115395	12 1.1
					07.12-	115646	12 1.1
Insignia 1.4 Sports Tourer	[A14NET]				04.11-	115395	12 1.1
					04.11-	115646	12 1.1
Insignia 1.4 Sportstourer	[A14NET]				07.12-	115395	12 1.1
					07.12-	115646	12 1.1
Insignia 1.6	[A16LET]	07.08-	114779	14 100	07.08-	114298	12 1.1
	[A16XER]	07.08-	114067	14 140	07.08-	114298	12 1.1
		07.08-	114779	14 100			
Insignia 1.6 Sports Tourer	[A16XER]	07.08-	114067	14 140	07.08-	114298	12 1.1
		07.08-	114779	14 100			
Insignia 1.6 Turbo	[A16LET]	01.09-	114779	14 100	01.09-	114298	12 1.1
		07.08-	114779	14 100	07.08-	114298	12 1.1
Insignia 1.8	[A18XER]	07.08-	114779	14 100	07.08-	114298	12 1.1
Insignia 1.8 Estate	[A18XER]	07.08-	114779	14 100	07.08-	114298	12 1.1
Insignia 2.0 Turbo	[A20NFT]	04.14-	116008	14 100	04.14-	115575	12 1.4
	[A20NHT]	07.08-	116008	14 100	07.08-	115575	12 1.4
Insignia 2.0 Turbo 4x4	[A20NFT]	09.11-	116008	14 100	09.11-	115575	12 1.4
	[A20NHT]	07.08-	116008	14 100	07.08-	115773	12 1.3
		07.08-	115575	14 100	07.08-	115575	12 1.4
Insignia 2.0 Turbo Estate	[A20NHT]				07.08-	115575	12 1.4
Insignia 2.0 BiTurbo CDTi	[A20DTR]	03.12-	114202	14 100	03.12-	114058	12 1.7
		03.12-	114847	14 140	03.12-	113931	12 1.7
		03.12-	115526	14 100			
		03.12-	115583	14 120 A49			
		03.12-	116183*	14 120			
Insignia 2.0 BiTurbo CDTi 4x4	[A20DTR]	03.12-	114202	14 100	03.12-	113931	12 1.7
		03.12-	114847	14 140	03.12-	114058	12 1.7
		03.12-	115526	14 100			
		03.12-	115583	14 120 A49			
		03.12-	116183*	14 120			
Insignia 2.0 CDTi 16V 4x4	[A20DTH]	07.08-	114202	14 100	07.08-	113931	12 1.7
		07.08-	114847	14 140	07.08-	114058	12 1.7
		07.08-	115526	14 100			
		07.08-	115583	14 120 A49			
		07.08-	116183*	14 120			
Insignia 2.0 CDTi	[A20DTC]	07.08-	114202	14 100	07.08-	113931	12 1.7
		07.08-	114847	14 140	07.08-	114058	12 1.7
		07.08-	115526	14 100			
		07.08-	115583	14 120 A49			
	[A20DTE]	03.12-	115583	14 120 A49	03.12-	113931	12 1.7
		03.12-	116183*	14 120	07.13-	115768	12 2.2
		07.13-	113931				
	[A20DTH]	07.13-	114847	14 140			
		07.08-	114202	14 100	07.08-	114058	12 1.7
		07.08-	114847	14 140	07.08-	113931	12 1.7
07.08-		115526	14 100				
07.08-		115583	14 120 A49				
[A20DTJ]	07.08-	116183*	14 120				
	07.08-	114202	14 100	07.08-	113931	12 1.7	
	07.08-	114847	14 140	07.08-	114058	12 1.7	
	07.08-	115526	14 100				
[A20DTR]	07.08-	115583	14 120 A49				
	07.08-	116183*	14 120				
	10.08-	114202	14 100	10.08-	113931	12 1.7	
	10.08-	114847	14 140	10.08-	114058	12 1.7	
	10.08-	115526	14 100				
Insignia 2.0 CDTi 4x4	[A20DTH]	10.08-	115583	14 120 A49			
		10.08-	116183*	14 120			
		07.13-	114847	14 140	07.13-	113931	12 1.7
		07.13-	115526	14 100			
		05.09-	114202	14 100	05.09-	113931	12 1.7
05.09-	114847	14 140	05.09-	114058	12 1.7		
05.09-	115526	14 100					
05.09-	115583	14 120 A49					
05.09-	116183*	14 120					
Insignia 2.0 CDTi 4x4 Sports Tourer	[A20DTH]	07.13-	115526	14 100			



Insignia 2.0 CDTi Estate	[A20DTH]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
Insignia 2.0 CDTi Sports Tourer	[A20DTJ]	07.08-	114202	14 100		07.08-	113931	12 1.7
		07.08-	114847	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
Insignia 2.0 CDTi Sports Tourer	[A20DTC]	07.08-	114202	14 100		AT 07.08-	113931	12 1.7
		07.08-	114847	14 140		07.08-	114058	12 1.7
		07.08-	115526	14 100				
		07.08-	115583	14 120 A49				
		07.08-	116183*	14 120				
Insignia 2.0 CDTi Sports Tourer	[A20DTE]					07.13-	113931	12 1.7
						07.13-	115768	12 2.2
Insignia 2.0 CDTi Sports Tourer	[A20DTH]	07.13-	114847	14 140		07.13-	113931	12 1.7
		07.13-	115526	14 100				
Insignia 2.8 Turbo V6 4x4	[A28NET]					07.08-	115597	12 1.4
Insignia 2.8 Turbo V6 Estate 4x4	[A28NET]					07.08-	115597	12 1.4
Insignia 2.8 Turbo V6 Sedan 4x4	[A28NET]					07.08-	115597	12 1.4
Insignia 2.8 V6 24V	[A28NER]					07.09-	115597	12 1.4
Insignia 2.8 V6 24V Sports Tourer	[A28NER]					07.09-	115597	12 1.4
Insignia MK I 1.6	[A16XER]	07.08- 07.12	114067	14 140		07.08- 07.12	114298	12 1.1
		07.08- 07.12	114779	14 100				
Insignia MK I 2.0 Biturbo 4x4	[A20DTR]	09.13- 05.17	114847	14 140		A25 09.13- 05.17	114058	12 1.7
		09.13- 05.17	115526	14 100		09.13- 05.17	115768	12 2.2
						09.13- 05.17	113931	12 1.7
Insignia MK I 2.0 CDTi	[A20DTH]	07.13- 05.17	114847	14 140		A25 07.13- 05.17	114058	12 1.7
		07.13- 05.17	115526	14 100		07.13- 05.17	115768	12 2.2
						07.13- 05.17	113931	12 1.7
		03.12- 03.16	114847	14 140		03.12- 03.16	115768	12 2.2
Insignia MK I 2.0 CDTi 4x4	[A20DTH]	07.13- 05.17	114847	14 140		A25 07.13- 05.17	114058	12 1.7
		07.13- 05.17	115526	14 100		07.13- 05.17	115768	12 2.2
Insignia Sports Tourer 2.0 Turbo	[A20NFT]	04.14-	116008	14 100		04.14-	115575	12 1.4
Magnum 1.8 1800		01.74- 10.77	110179	14 36		01.76- 10.77	111103	12 0.8
Meriva A 1.3 CDTi	[Z13DTJ]	09.03-	113720	14 75 A49		09.03-	114029	12 1.8
		09.03-	114451	14 105				
		09.03-	115308	14 120				
		09.03-	116064	14 75				
Meriva A 1.4 16V Twinport	[Z14XEP]	07.04-	114249	14 70		07.04-	111123	12 0.9
Meriva A 1.6 i 16V	[Z16XE]	03.03-	111990	14 70		03.03-	113276	12 1.1
						03.03-	111684	12 1.4
Meriva A 1.6 i 16V Twinport	[Z16XEP]	01.06-	114431	14 120				
Meriva A 1.6 i	[Z16SE]	05.03-	112416	14 100		03.03-	113276	12 1.1
						03.03-	111684	12 1.4
Meriva A 1.6 Turbo	[Z16LET]	05.06-	114431	14 120		05.06-	114298	12 1.1
		05.06-	115843	14 120				
Meriva A 1.7 CDTi 16V	[Z17DTH]	04.04-	112271	14 100		04.04-	112320	12 1.4
		04.04-	113941	14 100				
Meriva A 1.7 CDTi	[Z17DTR]	08.06-	114665	14 100				
Meriva A 1.8 i 16V	[Z18XE]	03.03-	111990	14 70		05.03-	113276	12 1.1
Meriva MK I 1.3 CDTi	[Z13DT, Y13DT]	04.05- 06.10	113720	14 75 A49		04.05- 06.10	113843	12 1.1
		04.05- 06.10	114451	14 105				
		04.05- 06.10	115308	14 120				
		04.05- 06.10	116064	14 75				
Meriva MK I 1.7 CDTi	[Y17DT]	06.03-	112271	14 100		06.03-	112320	12 1.4
Meriva MK II 1.3 CDTi 16V	[A13DTC]	06.10-	114409	14 100		06.10-	114029	12 1.8
		06.10-	114754	14 120				
		06.10-	114895	14 70				
Meriva MK II 1.3 CDTi 16V Ecoflex	[A13DTE]	10.10-	114409	14 100		10.10-	114029	12 1.8
		10.10-	114754	14 120				
		10.10-	114895	14 70				
Meriva MK II 1.4 16V Turbo	[A14NEL]	06.10-	116202	14 120		06.10-	115646	12 1.1
		06.10-	116203	14 100		06.10-	115719	12 1.1
	[A14NET]	06.10-	116202	14 120		06.10-	115646	12 1.1
		06.10-	116203	14 100		06.10-	115719	12 1.1
Meriva MK II 1.4 16V	[A14XER]	06.10-	116202	14 120		06.10-	115646	12 1.1
		06.10-	116203	14 100		06.10-	115719	12 1.1
Meriva MK II 1.4 BIFuel LPG	[A14NEL]	06.11-	116202	14 120		06.11-	115395	12 1.1
		06.11-	116203	14 100		06.11-	115646	12 1.1
						06.11-	115719	12 1.1
Meriva MK II 1.7 CDTi 16V	[A17DT]	06.10-	114665	14 100		06.10-	112320	12 1.4
Meriva MK II 1.7 CDTi 16V Ecotec	[A17DTS]	10.10-	114665	14 100		A25 10.10-	115830	12 2.0
						10.10-	112320	12 1.4
Meriva MK II 1.7 CDTi	[A17DTC]	06.10-	114665	14 100		06.10-	112320	12 1.4
		A25 06.10-	115396*	14 140		A25 06.10-	115830	12 2.0
Mokka 1.4	[A14NET]					04.13-	113276	12 1.1
						04.13-	115395	12 1.1
						04.13-	115646	12 1.1
Mokka 1.4 4x4	[A14NET]					06.12-	115395	12 1.1
						06.12-	115646	12 1.1
Mokka 1.6	[A16XER]	06.12-	115861	14 140		06.12-	116257	12 1.7
Mokka 1.7 CDTi 4x4	[A17DTS]	06.12-	115396*	14 140		06.12-	115830	12 2.0
Monterey A 3.1 TD 4x4	[AJG2TC]	09.91-	111267	14 50		01.95-	111559	12 2.0
		09.91-	112228	14 60				
		03.92-	111767	14 80				
Monterey B 3.0 DTi	[AJX1]					04.98- 12.99	112083	12 2.8
Movano 1.9 DTi	[F9Q774]	10.01-	113248	14 120		10.01-	112474	12 1.8
		AC 10.01-	112471	14 125				
Movano 2.0 DTi	[G9T720]	09.00-	112471	14 125		09.00-	112475	12 2.1
		09.00-	113248	14 120				
Movano 2.2 DTi	[G9T720]	09.00-	112471	14 125		09.00-	112475	12 2.1
		09.00-	113248	14 120				

STARTERS & ALTERNATORS



Application list

VAUXHALL *Continued*

Movano 2.3 CDTi FWD	[M9T670]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T672]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T676]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T678]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T680]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T690]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T692]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T694]	05.10-05.10-05.10-	114826 115356 116324*	14 185 A49 14 150 14 150	05.10-	114074	12 2.2	
	[M9T698]	05.10-05.10-	114826 116324*	14 185 A49 14 150	05.10-	114074	12 2.2	
	Movano 2.3 CDTi RWD	[M9T672]	07.10-07.10-07.10-	114826 115356 116324*	14 185 A49 14 150 14 150	07.10-	114074	12 2.2
		[M9T690]	07.10-07.10-07.10-	114826 115356 116324*	14 185 A49 14 150 14 150	07.10-	114074	12 2.2
		[G9U632]	08.06-	113837	14 150	08.06-	112475	12 2.1
	Movano 2.5 CDTi	[G9U650]	04.04-	113837	14 150	04.04-	112475	12 2.1
		[G9U754]	11.03- 12.06	113837	14 150	11.03- 12.06	112475	12 2.1
	Movano 2.5 Diesel	[S8U]	10.98-	111937	14 75			
Movano 2.5 DTi	[G9U720]	10.01-10.01-10.01-	113245 113248 113837	14 125 14 120 14 150	10.01-	112475	12 2.1	
	[G9U724]	10.01-10.01-	113248 113837	14 120 14 150				
	[G9U750]	10.01-10.01-	113248 113837	14 120 14 150				
	[G9U754]	10.01-10.01-	113248 113837	14 120 14 150				
	[S9W702]	06.98- 10.01	111937	14 75				
	Movano 2.8 TDi	[S9W702]	10.98- 10.01	111937	14 75	10.98- 10.01	112103	12 2.2
	Movano 3.0 DTi	[ZD3200]	10.03-10.03-	113993 115317	14 135 14 120	10.03-	114032	12 2.5
[ZD3202]		10.03-10.03-	113993 115317	14 135 14 120	10.03-	114032	12 2.5	
[M9T670]					05.10-	114074	12 2.2	
Movano MK II 2.3 CDTi 16V FWD	[M9T672]				05.10-	114074	12 2.2	
	[M9T676]				05.10-	114074	12 2.2	
	[M9T678]				05.10-	114074	12 2.2	
	[M9T680]				05.10-	114074	12 2.2	
	[M9T686]				05.10-	114074	12 2.2	
Movano MK II 2.3 CDTi 16V RWD	[M9T690]				05.10-	114074	12 2.2	
	[M9T692]				05.10-	114074	12 2.2	
	[M9T694]				05.10-	114074	12 2.2	
	[M9T696]				05.10-	114074	12 2.2	
	[M9T698]				05.10-	114074	12 2.2	
	[M9T702]				05.10-	114074	12 2.2	
Movano Mk II 2.3 CDTi		01.13-01.13-01.13-	114826 116324* 115356	14 185 A49 14 150 14 150	01.13-	114074	12 2.2	
	[M9T702]	05.14-05.14-	114826 116324*	14 185 A49 14 150	05.14-	114074	12 2.2	
	[M9T706]	11.16-11.16-	114826 116324*	14 185 A49 14 150	11.16-	114074	12 2.2	
Movano MK II 2.3 CDTi FWD	[M9T870]	05.14-05.14-	114826 116324*	14 185 A49 14 150	05.14-	114074	12 2.2	
	[M9T700]	05.14-05.14-	114826 116324*	14 185 A49 14 150	05.14-	114074	12 2.2	
Nova 1.4 S	[14NV]	01.90-02.93	113376	14 55	01.90-02.93	111127	12 1.4	
	[15DT (T4EC1)]				01.90-02.93	111123	12 0.9	
Nova 1.5 TD	[15DT (T4EC1)]				01.90-02.93	111274	12 1.2	
Nova A 1.0	[10S]	09.82- 08.88	113376	14 55				
Nova A 1.2	[12ST]	05.83- 02.90	113376	14 55				
Nova A 1.2 i	[12NC]	05.83- 08.88	113376	14 55				
	[C12NZ]				09.90- 03.93	111123	12 0.9	
	[E12GV]	01.85- 08.88	113376	14 55	09.90- 03.93	111127	12 1.4	
Nova A 1.2 N	[12NC]	01.85- 10.87	113376	14 55				
	[12NV]	01.90- 03.93	113376	14 55	01.90- 03.93	111127	12 1.4	
	[E12GV]	05.83- 08.94	113376	14 55	01.90- 03.93	111123	12 0.9	
Nova A 1.2 S	[12ST]	09.82- 02.90	113376	14 55				
Nova A 1.3 i	[13NB]	09.85- 10.89	113376	14 55				
	[C13N]				09.90- 03.93	111123	12 0.9	
					09.90- 03.93	111127	12 1.4	
Nova A 1.3 S	[13SB]	09.82- 10.89	113376	14 55				
Nova A 1.4 i	[C14NZ]	01.89- 03.93	113376	14 55	01.90- 03.93	111127	12 1.4	
					01.90- 03.93	111123	12 0.9	
Nova A 1.4 S	[14NV]				01.90- 03.93	111123	12 0.9	
					01.90- 03.93	111127	12 1.4	
Nova A 1.5 Diesel	[15D]				09.87- 03.93	111136	12 1.4	
Nova A 1.5 TD	[15DT (T4EC1)]				01.90- 03.93	111274	12 1.2	



Nova A 1.6 GSI	[C16SE]	02.92- 03.93	113376	14	55				
	[C16SEI]					09.89- 03.93	111123	12	0.9
	[E16SE]	05.88- 08.88	113376	14	55	09.89- 03.93	111127	12	1.4
Novavan 1.2	[12NV]					05.88- 03.92	111127	12	1.4
						05.88- 03.92	111123	12	0.9
Novavan 1.5 Diesel	[15D (4EC1)]					01.90- 10.94	111123	12	0.9
Omega 2.0	[X20SE]					01.90- 10.94	111127	12	1.4
		03.94- 09.99	111514	14	100	01.91- 10.94	111136	12	1.4
		04.94- 12.00	112229	14	70				
		Chas. -Y1999999 04.94- 12.00	111426	14	100				
Omega 2.0 16V	[X20XEVI]	04.94- 12.00	111732	14	120				
		09.93- 08.99	112229	14	70	09.93- 08.99	111848	12	1.0
		03.94- 09.99	111514	14	100				
		Chas. -Y1999999 09.93- 08.99	111426	14	100				
Omega 2.0 Dualfuel	[X20XEVI]	09.93- 08.99	111732	14	120				
		01.99- 07.01	111426	14	100	01.99- 07.01	111848	12	1.0
		01.99- 07.01	111732	14	120				
		01.99- 07.01	112229	14	70				
Omega 2.0 i	[20SE]	03.94- 12.00	111426	14	100				
		03.94- 12.00	111514	14	100				
		03.94- 12.00	111732	14	120				
		03.94- 12.00	112229	14	70				
	[X20SE]	03.94- 09.99	111514	14	100	04.94-	111848	12	1.0
		03.94- 12.00	112229	14	70				
Chas. -Y1999999 03.94- 12.00	111426	14	100						
Chas. -Y1999999 03.94- 12.00	111732	14	120						
Omega 2.0 DTi 16V	[X20DTH]					10.98- 09.00	113674	12	2.0
Omega 2.2 i 16V	[Y22XE]	09.99-	111426	14	100	Chas. W1000001- 09.99-	111848	12	1.0
		09.99-	111514	14	100				
		09.99-	111732	14	120				
		09.99-	112229	14	70				
[Z22XE]	09.99-	111514	14	100	Chas. W1000001- 09.00-	111848	12	1.0	
	09.99-	112229	14	70					
Omega 2.2 DTi 16V	[Y22DTH]	09.00-	112415	14	120 A49	09.00- 09.03	113674	12	2.0
		09.00- 07.03	114656	14	140				
		09.00- 07.03	116334*	14	120				
Omega 2.5 V6	[X25XE]	04.94-	111514	14	100				
Omega 2.5 DTi 24V	[Y25DT]	09.01-	112468	14	150	09.01-	113446	12	2.2
Omega 2.5 TD	[25DT]	04.94- 02.01	111788	14	105	04.94- 02.01	112533	12	2.2
						04.96-	113446	12	2.2
	[X25DT]	04.96-	111788	14	105	04.94- 02.01	112533	12	2.2
						04.94-	113446	12	2.2
Omega 3.0 V6	[X30XE]	04.94- 02.01	111514	14	100				
Rascal 1.0	[F10A]					01.88-	111127	12	1.4
Signum 1.8	[Z18XE]	06.03- 07.05	115619	14	120				
	[Z18XER]	Chas. 71052537- 08.05- 05.08	115306	14	120	08.05-	114298	12	1.1
		Chas. -71052536 08.05-	114431	14	120				
Signum 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14	130	04.04-	113931	12	1.7
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	115487	14	140 A49				
Signum 1.9 CDTi	[Z19DT]	04.04-	113904	14	130	04.04-	113931	12	1.7
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	115487	14	140 A49				
Signum 1.9 Turbo	[Z19DTL]	01.05- 05.08	113904	14	130	01.05- 05.08	113931	12	1.7
		01.05- 05.08	113955	14	105				
		01.05- 05.08	114088	14	140				
		01.05- 05.08	114510	14	120				
		01.05- 05.08	115487	14	140 A49				
Signum 2.0 i Turbo	[Z20NET]	05.03-	113352	14	120	05.03-	114341	12	1.2
Signum 2.0 DTi	[Y20DTH]	05.03-	112415	14	120 A49	05.03-	113674	12	2.0
		05.03- 05.08	114656	14	140				
		05.03- 05.08	116334*	14	120				
Signum 2.2 i	[Z22YH]	05.03-	113352	14	120	05.03-	114341	12	1.2
Signum 2.2 DTi	[Y22DTR]	05.03-	112415	14	120 A49	05.03-	113674	12	2.0
		05.03- 05.08	114656	14	140				
		05.03- 05.08	116334*	14	120				
Signum 2.8 Turbo V6	[Z28NEL]					08.05-	115597	12	1.4
Signum 2.8 V6 Turbo	[Z28NET]					05.07- 10.08	115597	12	1.4
Signum 3.0 CDTi V6	[Z30DT]					09.05-	114482	12	2.2
Sintra 2.2 i 16V	[X22XE]					09.96- 09.99	111848	12	1.0
Sintra 2.2 DTi	[X22DTH]					09.97- 09.99	113674	12	2.0
Speedster 2.2 i	[Z22SE]	09.00-	113352	14	120	09.00-	114341	12	1.2
Tigra 1.3 CDTi TwinTop	[Z13DT]	06.04-	113720	14	75 A49	06.04-	113719	12	1.3
		06.04-	113722	14	90 A49	06.04-	113843	12	1.1
		06.04-	114451	14	105	06.04- 08.09	115869	12	1.3 A49
		06.04- 08.09	115308	14	120				
		06.04- 08.09	115963	14	90				
		06.04- 08.09	116064	14	75				
Tigra 1.4	[Z14XEP]					09.04-	111123	12	0.9
Tigra 1.4 16V	[X14XE]	07.94-	112229	14	70	09.94- 08.99	111684	12	1.4
						07.94-	111123	12	0.9
Tigra 1.6 16V	[X16XE]	09.94- 08.99	111426	14	100	09.94- 08.99	111684	12	1.4
		09.94- 08.99	112229	14	70				
Tigra 1.8	[Z18XE]	06.04-	112416	14	100	11.94-	111123	12	0.9
		09.04- 08.09	115619	14	120	09.04-	113276	12	1.1
Various Models						01.89- 01.91	111127	12	1.4
						01.89- 01.91	111123	12	0.9
						01.75- 01.78	111102	12	0.8
Vectra 1.6	[Z16XEP]	01.06-	114668	14	100				
		Chas. 71052537- 01.06-	115306	14	120				
		Chas. -71052536 01.06-	114431	14	120				

STARTERS & ALTERNATORS



Application list

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Vectra 1.6 GTS	[Z16XEP]	01.06-	114668	14	100				
		Chas. 71052537- 01.06-	115306	14	120				
		Chas. -71052536 01.06-	114431	14	120				
Vectra 1.6 16V	[Z16XE]	06.04-	115619	14	120				
Vectra 1.6 16V GTS	[Z16XE]	06.04-	115619	14	120				
Vectra 1.6 i 16V	[X16XEL]	10.95-	111426	14	100	10.95-	111123	12 0.9	
		10.95-	111514	14	100				
		10.95-	111732	14	120				
		10.95-	112229	14	70				
		[Y16XE]	10.95-	111514	14	100	10.95-	111123	12 0.9
						09.95- 08.01	111684	12 1.4	
	[Z16XE]	10.95-	111514	14	100	10.95-	111123	12 0.9	
						09.95- 08.01	111684	12 1.4	
Vectra 1.6 i	[X16SZR]	10.95-	111426	14	100	10.95-	111123	12 0.9	
		10.95-	111514	14	100	10.95-	111127	12 1.4	
		10.95-	111732	14	120				
		10.95-	112229	14	70				
Vectra 1.7 TD	[X17DT (TC4EE1)]	10.95- 12.97	111515	14	70	10.95- 12.97	111690	12 1.1	
Vectra 1.8	[Z18XEL]	04.02-	112416	14	100	04.02-	113276	12 1.1	
	[Z18XER]	04.02-	115619	14	120				
		01.06-	114668	14	100	01.06-	114298	12 1.1	
		Chas. 71052537- 01.06-	115306	14	120				
		Chas. -71052536 01.06-	114431	14	120				
Vectra 1.8 GTS	[Z18XER]	Chas. 71052537- 01.06-	115306	14	120	01.06-	114298	12 1.1	
		Chas. -71052536 01.06-	114431	14	120				
Vectra 1.8 16V	[Z18XE]	10.03- 08.05	112416	14	100				
Vectra 1.8 Dualfuel 16V	[Z18XE]	04.02-	112416	14	100	04.02-	113276	12 1.1	
		04.02-	115619	14	120				
Vectra 1.8 Dualfuel 16V GTS	[Z18XE]	04.02-	112416	14	100	04.02-	113276	12 1.1	
		04.02-	115619	14	120				
Vectra 1.8 i 16V	[X18XE]	10.95-	111426	14	100	11.96- 09.00	111123	12 0.9	
		10.95- 09.00	111514	14	100	10.95-	111848	12 1.0	
		10.95-	111732	14	120	06.98-	112431	12 1.1	
		10.95-	112229	14	70				
		[X18XE1]	10.95- 09.00	111514	14	100	09.98- 08.99	112431	12 1.1
		[Z18XE]	09.00-	111514	14	100	09.00- 08.01	112431	12 1.1
		09.00- 08.01	111732	14	120	04.02-	113276	12 1.1	
		09.00- 08.01	112229	14	70				
		04.02-	112416	14	100				
Vectra 1.8 i 16V GTS	[Z18XE]	08.02-	112416	14	100	08.02- 08.05	113276	12 1.1	
Vectra 1.9 CDTi 16V	[Z19DTH]	04.04-	113904	14	130	04.04-	113931	12 1.7	
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	115487	14	140 A49				
Vectra 1.9 CDTi 16V GTS	[Z19DTH]	04.04-	113904	14	130	04.04-	113931	12 1.7	
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	115487	14	140 A49				
Vectra 1.9 CDTi	[Z19DT]	04.04-	113904	14	130	04.04-	113931	12 1.7	
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	115487	14	140 A49				
		[Z19DTL]	10.05-	113904	14	130	10.05-	113931	12 1.7
		10.05-	113955	14	105				
Vectra 1.9 CDTi GTS	[Z19DT]	04.04-	113904	14	130	04.04-	113931	12 1.7	
		04.04-	113955	14	105				
		04.04-	114088	14	140				
		04.04-	114204	14	120				
		04.04-	115487	14	140 A49				
		[Z19DTL]	10.05-	113955	14	105	10.05-	113931	12 1.7
		10.05-	114088	14	140				
		10.05-	115487	14	140 A49				
Vectra 2.0 Dualfuel	[X20XEV]	05.98- 01.01	111426	14	100	05.98- 01.01	111848	12 1.0	
		05.98- 01.01	111732	14	120				
		PS 05.98- 01.01	112229	14	70				
Vectra 2.0 i 16V	[X20XEV]	10.95-	111426	14	100	10.95-	111848	12 1.0	
		10.95- 09.00	111514	14	100				
		10.95-	111732	14	120				
		10.95-	112229	14	70				
Vectra 2.0 i	[Z0NEJ]	10.95- 03.02	111426	14	100				
		10.95- 03.02	111732	14	120				
		10.95- 03.02	112229	14	70				
Vectra 2.0 Turbo 16V	[Z20NET]	03.03-	113352	14	120	10.03-	114124	12 1.8	
Vectra 2.0 Turbo 16V GTS	[Z20NET]	03.03-	113352	14	120				
Vectra 2.0 Diesel 16V	[X20DTL]					11.96-	113674	12 2.0	
Vectra 2.0 Diesel Di 16V	[X20DTL]					11.96-	113674	12 2.0	
Vectra 2.0 DTi 16V	[X20DTH]	06.97-	111514	14	100	06.97-	113674	12 2.0	
		04.02-	114656	14	140	06.97- 09.05	113674	12 2.0	
		06.97-	111514	14	100				
		06.97-	112415	14	120 A49				
		06.97-	116334*	14	120				
Vectra 2.0 DTi	[Y20DTH]	04.02-	112415	14	120 A49	04.02-	113674	12 2.0	
		04.02- 10.08	114656	14	140				
		04.02- 10.08	116334*	14	120				
Vectra 2.2 Direct	[Z22YH]	10.03-	113352	14	120	10.03-	114341	12 1.2	
Vectra 2.2 Direct GTS	[Z22YH]	10.03-	113352	14	120	10.03-	114341	12 1.2	
Vectra 2.2 i 16V	[Z22SE]	09.00- 08.01	113352	14	120	09.00-	114341	12 1.2	
Vectra 2.2 i	[C22SEL]	10.99- 08.01	111732	14	120				
Vectra 2.2 DTi 16V	[Y22DTR]	09.00- 08.01	112415	14	120 A49	09.00- 08.01	113674	12 2.0	
		09.00-	116334*	14	120				
		10.03-	114656	14	140				
Vectra 2.2 DTi 16V GTS	[Y22DTR]	04.02-	112415	14	120 A49	04.02-	113674	12 2.0	
		04.02-	114656	14	140				
		04.02-	116334*	14	120				



Vectra 2.2 DTI	[Y22DTR]	04.02-	112415	14 120 A49	04.02-	113674	12 2.0	
		04.02- 10.08	114656	14 140				
		04.02- 10.08	116334*	14 120				
Vectra 2.5 i V6	[X25XE]	05.95- 08.01	112806	14 120	05.98- 09.99	112103	12 2.2	
		10.95-	111514	14 100				
Vectra 2.8 V6 Turbo	[Z28NEL]				08.05-	115597	12 1.4	
					08.06-	115597	12 1.4	
Vectra 2.8 V6 Turbo GTS	[Z28NEL]				08.05-	115597	12 1.4	
					08.05-	115597	12 1.4	
Vectra 3.0 CDTi V6 GTS	[Y30DT]				06.03-	114482	12 2.2	
Vectra B 1.8 16V	[X18XE]	09.95- 09.00	111426	14 100	09.95- 09.00	111848	12 1.0	
		09.95- 09.00	111732	14 120				
		09.95- 09.00	112229	14 70				
Vectra B 1.8 Dualfuel	[Z18XE]	09.00- 07.03	111426	14 100	09.00- 07.03	112431	12 1.1	
		09.00- 07.03	111732	14 120				
		09.00- 07.03	112229	14 70				
Vectra MK II 1.8	[Z18XEL]	04.02- 07.08	112416	14 100	04.02- 07.08	113276	12 1.1	
		04.02- 07.08	115619	14 120				
Vectra MK II 2.8 V6 Turbo	[Z28NET]				08.06- 07.08	115597	12 1.4	
Ventora 3.3 3300		03.69- 10.76	110179	14 36				
Victor 1.6 1600		01.70- 09.72	110179	14 36	01.70- 09.72	111103	12 0.8	
Victor 1.8 1800		01.70- 10.76	110179	14 36	01.70- 10.76	111103	12 0.8	
Victor 2.0 2000		01.70- 09.72	110179	14 36	01.70- 09.72	111103	12 0.8	
Victor 2.3 2300		10.72- 10.76	110179	14 36	10.72- 10.76	111103	12 0.8	
Viva 1.1 1100	[11N]				01.63- 10.70	111102	12 0.8	
Viva 1.3	[E]	10.71- 10.75	110178	14 36	10.71- 10.75	111102	12 0.8	
		10.71- 10.75	110178	14 36	10.71- 10.75	111102	12 0.8	
Viva 1.3 1300		10.75- 10.79	110178	14 36	10.75- 10.79	111102	12 0.8	
Viva 1.6 1600		01.68- 01.78	111184	14 43	01.68- 10.72	111103	12 0.8	
		01.68- 01.78	110179	14 36				
Viva 1.8 1800		01.73- 10.79	111184	14 43	01.73- 10.79	111103	12 0.8	
		01.73- 10.79	110179	14 36				
Vivaro 1.6 CDTI	[R9M408]				05.14-	115829	12 1.8	
			08.16-	116225*	08.16-	115829	12 1.8	
			05.14-	116225*	05.14-	115829	12 1.8	
Vivaro 1.9 Di	[F9Q762]	08.01-	113245	14 125	08.01-	112474	12 1.8	
Vivaro 1.9 Diesel Di	[F9Q762]	08.01-	112471	14 125	08.01-	112474	12 1.8	
		08.01-	113248	14 120				
		AC 08.01-	112471	14 125				
Vivaro 1.9 DTI	[F9Q760]	08.01-	112471	14 125	08.01-	112474	12 1.8	
		08.01-	113248	14 120				
		AC 08.01-	112471	14 125				
Vivaro 2.0 16V	[F4R720]	08.01-	113248	14 120	08.01- 12.06	114814	12 0.9	
		08.01-	114122	14 150				
		04.03-	113245	14 125				
		AC 08.01-	112471	14 125				
		A22 08.01-	113245	14 125				
Vivaro 2.0 CDTI	[M9R630]	01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2	
		01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2	
		01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2	
		08.06- 07.14	114509	14 150	08.06- 07.14	114074	12 2.2	
		01.06- 07.14	114509	14 150	01.06- 07.14	114074	12 2.2	
		08.06- 07.14	114509	14 150	08.06- 07.14	114074	12 2.2	
Vivaro 2.5 CDTI 16V	[G9U630]	01.06-	113837	14 150	01.06-	112475	12 2.1	
		01.06-	114700	14 150				
Vivaro 2.5 CDTI	[G9U630]	08.06- 07.14	113837	14 150	08.06- 07.14	112475	12 2.1	
Vivaro 2.5 CDTi Flatbed	[G9U630]	08.06- 07.14	113837	14 150	08.06- 07.14	112475	12 2.1	
Vivaro 2.5 DTI	[G9U630]	04.04-	112471	14 125	04.04-	112475	12 2.1	
		04.04-	113245	14 125				
		AC 04.04-	113245	14 125				
VX 1.8 1800					01.76- 10.78	111103	12 0.8	
VX 2.0 i Turbo 220	[Z20LET]	04.03-	113352	14 120	04.03-	111848	12 1.0	
VX220 2.0	[Z20LET]	10.03- 07.05	112416	14 100	10.03- 07.05	111848	12 1.0	
		10.03- 07.05	113352	14 120				
Zafira 1.6 16V	[X16XEL]	04.99-	111990	14 70	09.98- 08.99	111123	12 0.9	
		04.99-	112416	14 100				
		Chas. -12257452, -15257663, -18131574	04.99-	115619	14 120			
Zafira 1.8 16V	[X18XE1]	04.99-	111990	14 70	03.99- 09.00	112431	12 1.1	
		04.99-	112416	14 100				
		Chas. -12257452, -15257663, -18131574	04.99- 09.00	115619	14 120			
		[Z18XE]	09.00-	111990	14 70	09.00-	113276	12 1.1
		09.00-	112416	14 100				
		09.00- 06.05	115619	14 120				
Zafira 2.0	[Z20LER]	06.02- 06.05	115846	14 120	06.02- 06.05	111848	12 1.0	
Zafira 2.0 Turbo 16V	[Z20LET]	09.01- 06.05	112416	14 100	09.01-	111848	12 1.0	
		Chas. 32240132-	09.01-	115619	14 120			
Zafira 2.0 Diesel Di 16V	[X20DTL]	10.99-	111514	14 100	10.99-	113674	12 2.0	
Zafira 2.0 DTI 16V	[Y20DTH]	04.99-	111514	14 100	04.99-	113674	12 2.0	
Zafira 2.2 16V	[Z22SE]	09.00-	113352	14 120	09.00-	114341	12 1.2	
Zafira 2.2 Diesel	[Y22DTR]	06.01- 06.05	112415	14 120 A49				
		06.01- 06.05	114656	14 140				
		06.01- 06.05	116334*	14 120				
		A19 06.01- 06.05	114658	14 140				
Zafira MK I 1.8 Dualfuel Dualfuel	[Z18XE]	09.00- 08.05	111990	14 70	09.00- 08.05	112431	12 1.1	
		09.00- 08.05	112416	14 100				
		09.00- 08.05	115619	14 120				
Zafira Mk II 1.6	[Z16XEP]	07.05-	114431	14 120	07.05-	113276	12 1.1	
		12.07-	114668	14 100				
		Chas. 72095157-	12.07-	115306	14 120			
		Chas. -72095156	12.07-	114431	14 120			
Zafira MK II 1.6 CNG	[Z16YNG]	07.05-	111990	14 70	07.05-	111123	12 0.9	
		07.05-	112416	14 100				
		07.05-	115619	14 120				
Zafira MK II 1.6 Turbo CNG	[A16XNT]	02.09-	115843	14 120	02.09-	114298	12 1.1	
		02.09-	115843	14 120	02.09-	114298	12 1.1	
Zafira MK II 1.7 CDTI	[A17DTR]	01.08-	114665	14 100	01.08-	112320	12 1.4	

STARTERS & ALTERNATORS



VAUXHALL *Continued*

Zafira MK II 1.7 TD	[A17DTJ]	04.09-	114665	14 100				
Zafira MK II 1.8	[A18XEL]	04.13-	115306	14 120	04.13-	114298	12 1.1	
	[Z18XEP]	07.05-	114431	14 120	07.05-	114298	12 1.1	
	[Z18XER]	07.05-	114431	14 120	07.05-	114298	12 1.1	
Zafira MK II 1.9 CDTi	[Z19DT]	07.05-	113904	14 130	07.05-	113931	12 1.7	
		07.05-	113955	14 105				
		07.05-	114088	14 140				
		07.05-	114204	14 120				
		07.05-	115487	14 140 A49				
	[Z19DTH]	07.05-	113904	14 130	07.05-	114058	12 1.7	
		07.05-	113955	14 105	AT 07.05-	113931	12 1.7	
		07.05-	114088	14 140				
		07.05-	114204	14 120				
		07.05-	115487	14 140 A49				
	[Z19DTL]	07.05-	113904	14 130	07.05-	113931	12 1.7	
		07.05-	113955	14 105				
		07.05-	114088	14 140				
		07.05-	114510	14 120				
		07.05-	115487	14 140 A49				
Zafira MK II 2.0	[Z20LEH]	01.06-	115846	14 120	01.06-	111848	12 1.0	
	[Z20LER]	07.05-	115846	14 120	07.05-	111848	12 1.0	
Zafira MK II 2.2	[Z22YH]				07.05-	114341	12 1.2	
Zafira MK III 1.4	[A14NEL]				10.11-	115395	12 1.1	
					10.11-	115646	12 1.1	
	[A14NET]				10.11-	115395	12 1.1	
					10.11-	115646	12 1.1	
Zafira MK III 1.4 LPG	[A14NET]				10.11-	115395	12 1.1	
					10.11-	115646	12 1.1	
Zafira MK III 1.6 CNG	[A16XNT]	10.11-	115410	14 100	10.11-	114298	12 1.1	
Zafira MK III 1.8	[A18XEL]	10.11-	115410	14 100	10.11-	114298	12 1.1	
	[A18XER]				10.11-	114298	12 1.1	
Zafira MK III 2.0 BiTurbo CDTi	[A20DTR]	01.13-	114847	14 140	01.13-	113931	12 1.7	
		01.13-	115526	14 100				
		01.13-	115583	14 120 A49				
		01.13-	116183*	14 120				
Zafira MK III 2.0 CDTi	[A20DT]	10.11-	114202	14 100	10.11-	113931	12 1.7	
		10.11-	114847	14 140	10.11-	114058	12 1.7	
		10.11-	115583	14 120 A49				
		10.11-	116183*	14 120				
	[A20DTH]	10.11-	114202	14 100	10.11-	113931	12 1.7	
		10.11-	114847	14 140	10.11-	114058	12 1.7	
		10.11-	115526	14 100				
		10.11-	115583	14 120 A49				
		10.11-	116183*	14 120				
	[A20DTJ]	10.11-	114202	14 100	10.11-	113931	12 1.7	
		10.11-	114847	14 140	10.11-	114058	12 1.7	
		10.11-	115583	14 120 A49				
		10.11-	116183*	14 120				
	[A20DTL]	10.11-	114202	14 100	10.11-	113931	12 1.7	
		10.11-	114847	14 140	10.11-	114058	12 1.7	
		10.11-	115526	14 100				
		10.11-	115583	14 120 A49				
		10.11-	116183*	14 120				
	[Z20DTJ]	10.11-	114202	14 100	10.11-	113931	12 1.7	
		10.11-	114847	14 140	10.11-	114058	12 1.7	
		10.11-	115526	14 100				
		10.11-	115583	14 120 A49				
		10.11-	116183*	14 120				
Zafira Mki 1.6 Dualfuel	[X16XEL,Z16XE]	11.98- 08.05	111990	14 70	11.98- 08.05	111123	12 0.9	
		11.98- 08.05	112416	14 100				
		11.98- 08.05	115619	14 120				
Vermeer								
INDUSTRI								
Various Models							115968	12 2.0
Vetus								
MARINE								
M2.06	[Mitsubishi]					112178	12 1.6	
						112185	12 1.2	
M2.C5	[Mitsubishi]		114079	14 40		112185	12 1.2	
						112178	12 1.6	
M2.D5	[Mitsubishi]		114079	14 40		112178	12 1.6	
						112185	12 1.2	
M3.09	[Mitsubishi]		114079	14 40		112178	12 1.6	
						112185	12 1.2	
M4.15			112492	14 50				
M4.17			112492	14 50				
VM (Stabilimenti Mec)								
MOTORS								
D702							115537	24 2.8
D703							115537	24 2.8
Stationnaires 2.1 235	[HR494..]				04.85-	112173	12 2.7	
Stationnaires 2.8 279	[HR494..]				01.86-	112173	12 2.7	
Stationnaires 2.8 282	[HR494..]				09.89-	112173	12 2.7	
Stationnaires 3.5	[HR594..]				01.84- 12.90	112173	12 2.7	
Various Models			114383	14 105		115535	12 3.0	
			114466	14 55		114265	12 2.7	
			115724	14 45		114313	24 2.5	
			116361	14 105		114402	12 2.3	
						115537	24 2.8	
Volvo								
PASSENGER CARS EU								
66 1.1	[B11]	08.75- 08.78	110899	14 33				
66 1.3	[B130]	08.75- 08.78	110899	14 33				
164 3.0	[B30E]				09.67- 07.74	111054	12 1.1	
164 3.0 E	[B30A]				08.68- 07.73	111054	12 1.1	
240 2.0	[B19A]				08.76- 07.84	111054	12 1.1	
	[B19ET]				10.82- 08.84	111489	12 1.4	



	[B200K]				08.84- 07.85	111054	12 1.1
	[B20A]				08.74- 07.76	111054	12 1.1
240 2.1	[B21A]				08.74- 07.84	111054	12 1.1
	[B21E]				08.74- 07.80	111054	12 1.1
	[B21F]				08.80- 07.83	111054	12 1.1
240 2.1 Turbo	[B21ET]				08.80- 07.83	111054	12 1.1
240 2.3	[B230A]				08.84- 07.86	111489	12 1.4
	[B230E]				08.83- 07.84	111054	12 1.1
	[B230F]	08.86- 07.93	112746*	14 80	08.86- 07.93	111489	12 1.4
		08.91- 07.93	112810	14 65			
	[B230K]	08.86- 07.90	112746*	14 80	08.84- 07.90	111489	12 1.4
		AC 08.86- 07.90	112746*	14 80			
	[B23A]				08.80- 07.84	111054	12 1.1
	[B23E]	07.86- 12.88	112746*	14 80	03.87- 12.89	111489	12 1.4
		AC 08.86- 12.89	112746*	14 80	08.78- 07.83	111054	12 1.1
240 2.4 Diesel	[D24]	08.81- 08.93	110881	14 55	06.84- 08.93	111120	12 2.2
					08.78- 05.84	111112	12 2.0
260 2.7	[B27F]				08.81- 07.82	111054	12 1.1
340 1.4	[B14.4S]				02.76- 09.78	110367	12 1.0
340 1.6 Diesel	[D16]				08.84- 07.91	112295	12 1.7
340 1.7	[B172K]				08.85- 07.91	110585	12 1.2
340 2.0	[B19A]				08.80- 07.84	111054	12 1.1
	[B200K]	08.84- 07.88	112746*	14 80	08.84- 07.88	111054	12 1.1
					08.84- 07.88	110160	12 1.2
343 1.4	[B14.4S]				01.76- 01.78	110367	12 1.0
360 2.0	[B19A]				08.82- 07.84	110160	12 1.2
					08.82- 07.84	111054	12 1.1
	[B19E]				08.82- 07.84	110160	12 1.2
					08.82- 07.84	111054	12 1.1
	[B200E]	08.86- 07.89	112746*	14 80	08.84- 07.89	111489	12 1.4
	[B200EA]	08.86- 07.88	112746*	14 80	08.86- 07.88	111489	12 1.4
	[B200F]	08.86- 07.90	112746*	14 80	08.87- 07.90	111489	12 1.4
					08.88- 07.89	110160	12 1.2
	[B200K]	08.86- 07.90	112746*	14 80	08.84- 07.90	111489	12 1.4
440 1.6	[B16F]	09.88-	111321	14 70	09.88-	110585	12 1.2
440 1.7	[B18EP]	09.88- 08.94	111321	14 70	09.88- 08.94	110585	12 1.2
	[B18F]	08.88- 08.91	111321	14 70	08.88- 08.91	110585	12 1.2
	[B18FP]	08.89- 07.92	111321	14 70	08.89- 07.92	110585	12 1.2
	[B18KP]	09.88- 08.93	111321	14 70	09.88- 08.93	110585	12 1.2
					09.88- 08.89	110585	12 1.2
440 1.7 Turbo	[B18FT]	08.88- 07.96	111321	14 70	01.91- 12.96	111251	12 1.1
					08.88- 07.96	110585	12 1.2
440 1.8	[B18U]	08.91- 07.96	111321	14 70	08.91- 07.97	111251	12 1.1
					09.95- 12.96	110585	12 1.2
440 1.9 TD	[D19T]	AC 07.94- 12.96	111321	14 70	07.94-	112295	12 1.7
440 2.0	[B20F]	08.92- 07.96	111321	14 70	08.92- 07.96	111251	12 1.1
460 1.6	[B16F]	07.92-	111321	14 70	09.93- 07.97	111251	12 1.1
					07.92- 07.96	110585	12 1.2
460 1.7	[B18EP]	08.89- 07.92	111321	14 70	08.89- 07.92	111251	12 1.1
					08.89- 07.92	110585	12 1.2
	[B18KD]				09.89- 08.91	111251	12 1.1
460 1.7 Turbo	[B18FT]	06.88- 07.96	111321	14 70	08.89- 07.96	111251	12 1.1
					08.89- 07.96	110585	12 1.2
460 1.8	[B18U]	03.90- 07.96	111321	14 70	08.91- 07.96	111251	12 1.1
					08.91- 07.96	110585	12 1.2
460 1.9 TD	[D19T]				07.94-	112295	12 1.7
460 2.0	[B20F]	08.92- 12.96	111321	14 70	08.92- 07.96	111251	12 1.1
480 1.7	[B18E]	04.86- 07.89	111321	14 70	04.86- 07.89	110585	12 1.2
					08.85- 07.89	111489	12 1.4
	[B18EP]	08.89- 07.90	111321	14 70	08.89- 07.90	110585	12 1.2
	[B18F]	08.87- 07.89	111321	14 70	08.87- 07.89	110585	12 1.2
480 1.7 Turbo	[B18FT]	08.87- 07.96	111321	14 70	08.87- 07.96	111251	12 1.1
					08.87- 07.96	110585	12 1.2
480 2.0	[B20F]	08.92- 09.95	111321	14 70	08.92- 09.95	111251	12 1.1
					08.92- 09.95	110585	12 1.2
740 2.0	[B19ET]				12.83- 07.84	111489	12 1.4
	[B200E]				08.85- 07.91	111489	12 1.4
	[B200ET]	08.86- 08.90	112746*	14 80	01.85- 07.89	111489	12 1.4
	[B200F]	08.89- 07.91	112746*	14 80	08.89- 07.91	111489	12 1.4
	[B200K]	08.86- 07.89	112746*	14 80	08.85- 07.89	111489	12 1.4
740 2.3	[B230A]				08.85- 07.87	111489	12 1.4
	[B230E]	08.86- 07.88	112746*	14 80	08.85- 07.88	111489	12 1.4
					08.84- 07.88	110160	12 1.2
	[B230F]	06.86- 07.90	112746*	14 80	08.87- 07.92	110160	12 1.2
		AC 09.85- 07.91	112746*	14 80	08.85- 07.92	111489	12 1.4
	[B230FB]				08.88- 07.90	111054	12 1.1
	[B230K]	06.86- 07.90	112746*	14 80	09.85- 07.90	111489	12 1.4
	[B234F]				08.87- 07.89	110160	12 1.2
					08.87- 08.92	111489	12 1.4
	[B23A]	08.86- 07.90	112746*	14 80	08.85- 07.90	111489	12 1.4
	[B23E]				08.83- 07.84	111054	12 1.1
740 2.3 16V	[B234F]				08.88- 07.91	110160	12 1.2
					08.88- 07.91	111489	12 1.4
740 2.3 i	[B234F]				07.89- 08.92	111489	12 1.4
740 2.3 Turbo	[B230ET]				08.85- 07.89	111489	12 1.4
	[B230FT]				08.86- 07.91	111489	12 1.4
	[B230GT]				08.89- 07.90	111489	12 1.4
740 2.4 Diesel	[D24]	04.84- 07.84	110881	14 55	08.82- 04.84	111112	12 2.0
					08.84- 07.92	111120	12 2.2
740 2.4 TD	[D24T]	09.85- 07.92	110881	14 55	04.85- 07.92	111120	12 2.2
					02.82- 04.84	111112	12 2.0
	[D24TIC]	08.86- 10.88	112746*	14 80	08.86- 10.88	111120	12 2.2
740 2.4 TD Intercooler	[D24TIC]	08.86- 07.88	110881	14 55	08.86- 07.92	111120	12 2.2
760 2.3	[B230FT]				08.85- 07.92	111489	12 1.4
760 2.3 Turbo	[B230ET]				08.84- 07.92	111489	12 1.4
	[B23ET]				08.82- 07.83	111054	12 1.1
760 2.4 Diesel	[D24]	01.82- 07.92	110881	14 55	01.82- 07.92	111120	12 2.2

STARTERS & ALTERNATORS



Application list

VOLVO Continued

760 2.4 TD	[D24T]	08.82- 07.92	110881	14 55	08.82- 07.92	111120	12 2.2
760 2.4 TD Intercooler	[D24TIC]	08.87- 07.92	110881	14 55	08.87- 07.92	111120	12 2.2
		08.87- 07.92	112746*	14 80			
780 2.4 Diesel	[D24TIC]				04.86- 07.90	111120	12 2.2
850 2.0	[B5202S]	08.94- 12.96	112557	14 120 BO	08.94- 12.96	112818	12 1.4
	[B5204F]				06.91- 12.96	112818	12 1.4
850 2.0 Turbo	[B5204FT]	01.94- 08.96	112557	14 120	02.93- 01.98	112818	12 1.4
	[B5204T]				02.93- 12.96	112818	12 1.4
850 2.3 T5	[B5234FT]	02.93- 12.96	112557	14 120	02.93- 12.96	112818	12 1.4
850 2.3 T5R	[B5234T4]	09.94- 08.97	112557	14 120	08.95- 12.96	112818	12 1.4
850 2.5	[B5252]	08.92- 07.94	112557	14 120	08.92- 07.94	112818	12 1.4
	[B5252FS]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4
850 2.5 AWD	[B5254T]	04.96- 12.96	112557	14 120	04.96- 12.96	112818	12 1.4
850 2.5 10V	[B5252]	06.91- 07.94	112557	14 120	06.91- 07.94	112818	12 1.4
	[B5252S]	08.94- 12.96	112557	14 120	08.94- 12.96	112818	12 1.4
850 2.5 20V	[B5254S]	08.91- 12.96	112557	14 120	08.91- 12.96	112818	12 1.4
940 2.0	[B200F]	01.92- 08.93	112810	14 65	01.92- 07.94	111489	12 1.4
		AC 09.90- 08.91	112746*	14 80			
940 2.0 Turbo	[B200FT]	04.96- 10.98	112746*	14 80	04.96- 10.98	111489	12 1.4
940 2.3	[B230FB]	08.90- 08.95	112810	14 65	08.90- 12.94	111489	12 1.4
					08.90- 12.94	110160	12 1.2
	[B230FD]	08.92- 08.93	112810	14 65	08.92- 07.95	110160	12 1.2
					08.92- 07.95	111489	12 1.4
	[B230G]				08.90- 12.94	111489	12 1.4
940 2.3 Turbo	[B234F]				08.88- 07.91	110160	12 1.2
					08.88- 07.91	111489	12 1.4
940 2.3 Turbo	[B230FK]				01.95- 08.97	110160	12 1.2
					01.95- 08.97	111489	12 1.4
	[B230FT]				08.90- 08.97	110160	12 1.2
					08.90- 08.97	111489	12 1.4
940 2.4 Diesel	[D24]	08.90- 07.95	112746*	14 80	08.90- 12.94	111120	12 2.2
940 2.4 TD	[D24T]	08.90- 08.91	112746*	14 80	08.90- 08.97	111120	12 2.2
940 2.4 TD Intercooler	[D24TIC]	08.90- 08.94	112746*	14 80	08.90- 08.97	111120	12 2.2
960 2,9	[B6304F]	08.90- 07.94	112557	14 120			
	[B6304G]	08.90- 07.94	112557	14 120			
960 2.0	[B204E]				09.90- 07.91	111489	12 1.4
	[B204FT]				08.90- 09.91	111489	12 1.4
960 2.4 TD Intercooler	[D24TIC]				08.90- 08.97	111120	12 2.2
960 2.5 24V	[B6254S]	08.94- 08.97	112557	14 120			
960 2.9	[B6304F]	08.90- 08.97	112557	14 120			
	[B6304S]	08.90- 08.97	112557	14 120			
960 2.9 24V	[B6304S]	08.95- 08.97	112557	14 120			
66 DL 1.1	[B11]	10.75- 11.79	110899	14 33			
66 GL 1.3	[B130]	10.75- 11.79	110899	14 33			
C30 1.6	[B4164S3]	10.06-	113849	14 150 A49	10.06-	111906	12 1.1
		10.06-	115601	14 120			
		10.06-	116294	14 150			
C30 1.6 Diesel	[D4162T]	10.10-	114724	14 150	10.10-	115769	12 2.3
	[D4164T]	10.06-	113849	14 150 A49	10.06-	113908	12 1.2 A49
		10.06-	113922	14 120	10.06-	116062	12 1.2
		10.06-	115460	14 160			
		10.06-	116294	14 150			
C30 1.8	[B4184S11]				10.06-	113906	12 1.2
C30 1.8 Flexfuel	[B4184S8]	01.07-	113978	14 120	01.07-	113906	12 1.2
		01.07-	114083	14 150			
C30 2.0	[B4204S3]	10.06-	113849	14 150 A49	10.06-	113906	12 1.2
		10.06-	116294	14 150			
C30 2.0 Diesel	[D4204T]	10.06-	113849	14 150 A49	10.06-	113911	12 2.2 A49
		10.06-	113922	14 120	10.06-	116157	12 2.2
		10.06-	115460	14 160			
		10.06-	116294	14 150			
	[D5204T]	10.10-	115412	14 180	10.10-	116051	12 2.2 A49
		10.10-	115606	14 150	10.10-	116483*	12 2.2
					10.10-	115588	12 2.2
					10.10-	116051	12 2.2 A49
[D5204T5]	10.10-	115606	14 150	10.10-	116483*	12 2.2	
				10.10-	115588	12 2.2	
				10.10-	113303	12 2.2	
				10.10-	116051	12 2.2 A49	
C30 2.4 i	[B5244S4]	10.06-	115606	14 150	10.06-	115641	12 1.4
C30 2.4 Diesel D5	[D5244T13]	10.06-	115606	14 150	10.06-	115588	12 2.2
					10.06-	113303	12 2.2
	[D5244T8]	10.06-	115606	14 150	10.06-	113303	12 2.2
					10.06-	115588	12 2.2
	[D5244T9]	10.06-	115606	14 150	10.06-	115588	12 2.2
					10.06-	113303	12 2.2
C30 2.5 Turbo T5	[B5244T3]	10.06-	115606	14 150	10.06-	115641	12 1.4
	[B5254T7]	03.07-	115606	14 150	03.07-	116052	12 1.4 A49
					03.07-	115641	12 1.4
C70 2.0 20V	[B5204T2]	03.98-	112072	14 120	03.97-	112818	12 1.4
C70 2.0 Turbo	[B5204T3]	08.98-	112072	14 120	03.97-	112818	12 1.4
	[B5204T4]	03.00- 09.02	112072	14 120	03.00- 09.02	112818	12 1.4
C70 2.0 Diesel	[D4204T]	01.08-	113849	14 150 A49	01.08-	113911	12 2.2 A49
		01.08-	113922	14 120	01.08-	116157	12 2.2
		01.08-	116294	14 150			
	[D5204T]	10.10-	115412	14 180	10.10-	115588	12 2.2
		10.10-	115434	14 150	10.10-	116051	12 2.2 A49
					10.10-	116483*	12 2.2
[D5204T5]	10.10-	115412	14 180	10.10-	115588	12 2.2	
				10.10-	116051	12 2.2 A49	
C70 2.3 T5	[B5234T3]	09.98-	112072	14 120	03.97-	112818	12 1.4
	[B5234T9]	08.02-	112072	14 120	08.02-	112818	12 1.4
C70 2.4	[B5244S5]	03.06-	114810	14 150	03.06-	114315	12 1.4
		03.06-	115606	14 150	03.06-	115641	12 1.4
C70 2.4 i	[B5244S4]	03.06-	114810	14 150	03.06-	114315	12 1.4
		03.06-	115606	14 150	03.06-	115641	12 1.4
C70 2.4 Turbo	[B5244T7]	08.02-	112072	14 120	08.02-	112818	12 1.4
C70 2.4 Diesel D5	[D5244T13]	03.06-	115606	14 150	03.06-	113303	12 2.2



	[D5244T8]	03.06-	115606	14	150		03.06-	113303	12	2.2
C70 2.4 Diesel	[D5244T9]	03.07-	115606	14	150		03.07-	113303	12	2.2
C70 2.5	[B5244S]	03.99- 07.00	112072	14	120		03.99- 07.00	112818	12	1.4
	[B5254S]	06.98- 07.00	112072	14	120		06.98- 07.00	112818	12	1.4
C70 2.5 T5	[D5254T3]	03.06-	114810	14	150		03.06-	115641	12	1.4
		03.06-	115606	14	150		03.06-	116052	12	1.4 A49
							03.06-	114315	12	1.4
C70 2.5 Turbo	[B5244T]	03.98-	112072	14	120		03.97- 09.02	112818	12	1.4
	[B5254T]	09.98-	112072	14	120		03.97-	112818	12	1.4
C70 2.5 Turbo T5	[B5254T7]	03.07-	115606	14	150		03.07-	116052	12	1.4 A49
							03.07-	114315	12	1.4
							03.07-	115641	12	1.4
P 121 1.8	[B18]						02.67- 05.71	111054	12	1.1
P 121 2.0	[B20A]						11.68- 05.71	111054	12	1.1
P 122 S 1.8 Amazon	[B18]						09.66- 05.71	111054	12	1.1
	[B18D]						02.67- 05.71	111054	12	1.1
P 122 S 2.0 Amazon	[B20B]						11.68- 05.71	111054	12	1.1
P 140 1.8	[B18A]						08.66- 07.68	111054	12	1.1
P 140 2.0	[B20A]						08.68- 07.74	111054	12	1.1
	[B20D]						08.71- 07.72	111054	12	1.1
	[B20E]						09.70- 04.75	111054	12	1.1
P 140 S 1.8	[B18B]						07.67- 01.72	111054	12	1.1
P 140 S 2.0	[B20B]						11.68- 09.72	111054	12	1.1
	[B20F]						09.72- 08.75	111054	12	1.1
P 145 2.0	[B20B]						08.72- 07.74	111054	12	1.1
	[B20E]						08.72- 07.73	111054	12	1.1
	[B20F]						09.73- 02.75	111054	12	1.1
P 145 S 2.0	[B20A]						08.68- 07.74	111054	12	1.1
P 1800 1.8							04.62- 05.70	111054	12	1.1
P 1800 ES 2.0	[B20E]						08.70- 07.73	111054	12	1.1
S40 1.6	[B4164S]						AT 09.95- 08.99	112818	12	1.4
	[B4164S2]	03.99- 12.03	112557	14	120		AT 03.99-	112818	12	1.4
		03.99- 12.03	113272	14	140		03.99- 12.03	113605	12	1.1
	[B4164S3]	01.05-	115601	14	120		01.05-	111906	12	1.1
S40 1.6 Diesel	[D4164T]	01.05-	113849	14	150 A49		01.05-	113908	12	1.2 A49
		01.05-	113922	14	120		01.05-	116062	12	1.2
		01.05-	115460	14	160					
		01.05-	116294	14	150					
S40 1.6 Diesel D2	[D4162T]						10.10-	115769	12	2.3
S40 1.8	[B4184S]						AT 07.95-	112818	12	1.4
							07.95- 12.03	113605	12	1.1
	[B4184S11]	04.04-	114083	14	150		04.04-	113906	12	1.2
	[B4184S2]						03.99-	112818	12	1.4
	[B4184S3]						07.95- 08.99	113605	12	1.1
	[B4184S9]						03.99- 12.03	113605	12	1.1
S40 1.8 Flexfuel	[B4184S8]	01.06-	113978	14	120		01.06-	113906	12	1.2
		01.06-	114083	14	150					
S40 1.8 LPG	[B4184S9]	03.99-	112072	14	120		03.99-	112818	12	1.4
		03.99-	112557	14	120					
S40 1.9 T4	[B4194T]						AT 05.97-	112818	12	1.4
	[B4194T2]	05.97- 07.00	113272	14	140		05.97- 07.00	113605	12	1.1
S40 1.9 Diesel Di	[D4192T2]	03.99- 07.00	113248	14	120		03.99-	112295	12	1.7
	[D4192T3]	07.00- 12.03	112471	14	125		07.00- 12.03	112474	12	1.8
		07.00- 12.03	113248	14	120		07.00- 12.00	112295	12	1.7
		Eng. -36180	07.00- 12.03	112679	14	110				
	[D4192T4]	07.00- 12.03	112471	14	125		07.00- 12.03	112474	12	1.8
		07.00- 12.03	113248	14	120		07.00- 12.00	112295	12	1.7
		Eng. -36180	07.00- 12.03	112679	14	110				
S40 1.9 TD	[D4192T]	07.95- 08.99	113248	14	120		07.95- 08.99	112295	12	1.7
S40 2.0	[B4204S]	07.95- 08.99	112557	14	120		AT 07.95-	112818	12	1.4
	[B4204S3]	10.06-	113978	14	120		10.06-	113906	12	1.2
		10.06-	114083	14	150					
S40 2.0 16V	[B4204S]	07.95- 12.03	112557	14	120		AT 07.95-	112818	12	1.4
	[B4204S2]	Chas. 964075- 07.95- 12.03	113272	14	140		07.95- 12.03	113605	12	1.1
		Chas. 415000-964074	07.95- 12.03	112072	14	120				
S40 2.0 Turbo	[B4204T]	04.98- 07.99	113272	14	140		AT 10.97-	112818	12	1.4
	[B4204T2]	Chas. 964075- 08.00- 01.04	113272	14	140					
		Chas. -964074	08.00- 01.04	112072	14	120				
	[B4204T3]	07.00- 06.01	112072	14	120					
		07.00- 06.01	113272	14	140					
		Chas. 964075 - 08.00- 01.04	113272	14	140					
		Chas. - 964074	08.00- 01.04	112072	14	120				
S40 2.0 Turbo T4	[B4204T5]	Chas. 964075- 07.00- 12.03	113272	14	140		AT 07.00- 12.03	112818	12	1.4
S40 2.0 F	[B4204S4]						10.06-	113906	12	1.2
S40 2.0 Diesel	[D4204T]	01.04-	113849	14	150 A49		01.04-	113911	12	2.2 A49
		01.04-	113922	14	120		01.04-	116157	12	2.2
		01.04-	116294	14	150					
S40 2.0 Diesel D3	[D5204T5]	10.10-	115434	14	150		10.10-	116051	12	2.2 A49
		10.10-	115606	14	150		10.10-	116483*	12	2.2
							10.10-	115588	12	2.2
S40 2.0 Diesel D4	[D5204T]	10.10-	115434	14	150		10.10-	116051	12	2.2 A49
		10.10-	115606	14	150		10.10-	116483*	12	2.2
							10.10-	115588	12	2.2
S40 2.2 CDI	[D4204T2]	07.05- 12.06	113849	14	150 A49		07.05- 12.06	113911	12	2.2
		07.05- 12.06	113922	14	120		07.05- 12.06	116157	12	2.2
		07.05- 12.06	116294	14	150					
S40 2.4	[B5244S4]	01.04-	114810	14	150		01.04-	114315	12	1.4
		01.04-	115606	14	150		01.04-	115641	12	1.4
	[B5244S5]	01.04-	114810	14	150		01.04-	114315	12	1.4
		01.04-	115606	14	150		01.04-	115641	12	1.4
S40 2.4 CDI	[D5244T9]	03.07- 12.10	114810	14	150		03.07- 12.10	113303	12	2.2
		03.07- 12.10	115606	14	150					
S40 2.5 T5	[B5254T3]	01.04-	114810	14	150		01.04-	114315	12	1.4
		01.04-	115606	14	150		01.04-	115641	12	1.4
S40 2.5 T5 AWD	[B5254T3]	04.04-	114810	14	150		04.04-	115641	12	1.4
		04.04-	115606	14	150		04.04-	114315	12	1.4

STARTERS & ALTERNATORS



Application list

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S40 2.5 Turbo T5	[B5254T7]	03.07-	115606	14 150		03.07- 03.07-	115641 114315	12 1.4 12 1.4
S40 2.5 Turbo T5 AWD	[B5254T7]	03.07-	115606	14 150		03.07- 03.07-	115641 114315	12 1.4 12 1.4
S60 1.5 T3	[B4154T4]	03.15-	116290	14 210				
S60 1.6 T3	[B4164T3]					04.10-	116049	12 1.2 A49
S60 1.6 T4	[B4164T]					04.10-	116049	12 1.2 A49
S60 1.6	[B4164T2]					04.11-	116049	12 1.2 A49
S60 1.6 Diesel	[D4162T]					01.11-	115769	12 2.3
S60 2.0 T5	[B4204T7]	04.10-	115908	14 150		04.10-	113906	12 1.2
S60 2.0 Turbo	[B4204T6]	04.10-	115908	14 150		04.10-	113906	12 1.2
	[B5204T5]	09.01- 09.01- 09.01- 09.01- 09.01- AT 09.01-	112072 113272 115708 115709 116352 112078	14 120 14 140 14 160 A49 14 160 14 160 14 120		11.00- 09.01-	112818 115641	12 1.4 12 1.4
S60 2.0 D3	[D5204T7]	05.12- 05.12-	115412 115434	14 180 14 150		05.12- 05.12- 05.12-	116051 116483* 115588	12 2.2 12 2.2 12 2.2
S60 2.0 D4	[D5204T3]	05.12- 05.12-	115412 115434	14 180 14 150		05.12- 05.12- 05.12-	116051 116483* 115588	12 2.2 A49 12 2.2 12 2.2
S60 2.0 Diesel D2	[D4204T20]	03.15-	116290	14 210		03.15-	116265*	12 2.2
S60 2.0 Diesel D3	[D4204T9]	03.15-	116290	14 210		03.15-	116265*	12 2.2
	[D5204T2]	04.10- 04.12 04.10- 04.12	115412 115434	14 180 14 150		04.10- 04.12 04.10- 04.12	116051 116483* 115588	12 2.2 A49 12 2.2 12 2.2
	[D5204T3]	04.10- 04.12 04.10- 04.12	115412 115434	14 180 14 150		04.10- 04.12 04.10- 04.12	116051 116483* 115588	12 2.2 A49 12 2.2 12 2.2
S60 2.0 Diesel D4	[D4204T14]	03.15-	116290	14 210		03.15-	116265*	12 2.2
S60 2.0 Diesel D5	[D4204T11]	03.15-	116290	14 210		03.15-	116265*	12 2.2
S60 2.3 T5	[B5234T3]	11.00- 11.00- 11.00- AT 11.00-	112072 113272 115709 112078	14 120 14 140 14 160 14 120		11.00- 03.04 11.00-	112818 115641	12 1.4 12 1.4
S60 2.4	[B5244S]	11.00- 11.00- 11.00- 11.00- 11.00- AT 11.00-	112072 113272 115708 115709 116352 112078	14 120 14 140 14 160 A49 14 160 14 160 14 120		11.00- 11.00-	112818 115641	12 1.4 12 1.4
	[B5244S2]	11.00- 11.00- 11.00- 11.00- 11.00- AT 11.00-	112072 113272 115708 115709 116352 112078	14 120 14 140 14 160 A49 14 160 14 160 14 120		11.00- 11.00-	112818 115641	12 1.4 12 1.4
S60 2.4 T5	[B5244T5]	04.04- 08.04 04.04- 04.04- 04.04-	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160		04.04- 04.04-	112818 115641	12 1.4 12 1.4
S60 2.4 Turbo	[B5244T3]	11.00- 11.00- 11.00- AT 11.00-	112072 113272 115709 112078	14 120 14 140 14 160 14 120		11.00- 07.02 11.00-	112818 115641	12 1.4 12 1.4
S60 2.4 Turbo AWD	[B5244T3]	11.01- 07.02 11.01- 07.02 11.01- 11.01-	112072 112078 113272 115709	14 120 14 120 14 140 14 160		11.01- 11.01-	112818 115641	12 1.4 12 1.4
S60 2.4 BiFuel	[B5244SG]	06.02- 08.04 06.02- 06.02- 06.02- 06.02- 06.02-	112072 112078 113272 115708 115709 116352	14 120 14 120 14 140 14 160 A49 14 160 14 160		06.02- 06.02-	112818 115641	12 1.4 12 1.4
S60 2.4 LPG	[B5244SG2]	06.02- 04.10 06.02- 04.10 06.02- 04.10 06.02- 04.10 06.02- 04.10	112072 112078 114312 115708 115709 116352	14 120 14 120 14 140 14 160 A49 14 160 14 160		06.02- 04.10	115641	12 1.4
S60 2.4 CDI	[D5244T3]	10.03- 12.05 10.03- 12.05	113754 115709	14 120 14 160		10.03- 12.05 10.03- 12.05	113303 114312	12 2.2 12 2.2
						10.03- 12.05	112434	12 2.0
S60 2.4 Diesel	[D5244T]	07.01- 07.01- 07.01- 07.01- 07.01-	113272 113754 115708 115709 116352	14 140 14 120 14 160 A49 14 160 14 160		Chas. -61385 Chas. 61386- 07.01-	112434 113303	12 2.0 12 2.2
	[D5244T11]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11-	116483* 116051	12 2.2 12 2.2 A49
	[D5244T15]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11-	115588 116051	12 2.2 12 2.2 A49
	[D5244T2]	12.01- 12.01- 12.01- 12.01- 12.01- 08.02- 08.04	113754 114312 115708 115709 116352 113272	14 120 14 140 14 160 A49 14 160 14 160 14 140		Chas. -61385 Chas. 61386- 08.02- 08.02-	112434 113303	12 2.0 12 2.2
	[D5244T23]	04.14-	115412	14 180		04.14- 04.14- 04.14- 04.14-	116483* 113303 115588 116051	12 2.2 12 2.2 12 2.2 12 2.2



	[D5244T5]	01.07- 01.07-	115708 116352	14 160 A49 14 160		01.07- 01.07-	112434 113303	12 2.0 12 2.2
	[D5244T7]	09.05- 09.05-	115708 116352	14 160 A49 14 160		09.05-	112434	12 2.0
S60 2.4 Diesel AWD	[D5244T21]	03.15-	115412	14 180		03.15- 03.15- 03.15-	116483* 115588 116051	12 2.2 12 2.2 12 2.2
S60 2.4 Diesel D5	[D5244T10]	04.10- 04.10-	115412 115434	14 180 14 150		04.10-	115588	12 2.2
	[D5244T4]	09.05- 09.05-	115708 116352	14 160 A49 14 160		09.05-	112434	12 2.0
S60 2.4 Diesel D5 AWD	[D5244T10]	04.10- 04.10-	115412 115434	14 180 14 150		04.10-	115588	12 2.2
	[D5244T11]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11- 06.11-	116051 116483* 115588	12 2.2 A49 12 2.2 12 2.2
	[D5244T15]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11- 06.11-	116051 116483* 115588	12 2.2 A49 12 2.2 12 2.2
	[D5244T23]	04.14-	115412	14 180		04.14- 04.14- 04.14- 04.14-	116483* 113303 115588 116051	12 2.2 12 2.2 12 2.2 12 2.2
S60 2.5 T5 AWD	[B5254T12]	08.15-	115412	14 180		08.15-	115641	12 1.4
S60 2.5 Turbo	[B5254T2]	02.04- 02.04- 02.04- 04.04- 08.04	115708 115709 116352 113272	14 160 A49 14 160 14 160 14 140		04.04- 04.04- 02.04-	112818 115641	12 1.4 12 1.4
S60 2.5 Turbo AWD	[B5254T2]	04.04- 08.04 04.04- 04.04- 04.04- 04.04-	113272 114312 115708 115709 116352	14 140 14 140 14 160 A49 14 160 14 160		04.04- 04.04-	112818 115641	12 1.4 12 1.4
S60 3.0 T6 4x4	[B6304T4]	04.10-	115966	14 150		04.10-	114746	12 1.4
S60 3.0 T AWD	[B6304T5]					05.14-	114746	12 1.4
S60 R 2.5 Turbo AWD	[B5254T4]	03.03- 08.04 03.03- 08.04 03.03- 08.04 03.03- 03.03- 03.03- 03.03-	112072 112078 113272 114312 115708 115709 116352	14 120 14 120 14 140 14 140 14 160 A49 14 160 14 160		03.03- 03.03-	112818 115641	12 1.4 12 1.4
S70 2.0	[B5202FS]	01.97- 11.00	112072	14 120		01.97- 11.00	112818	12 1.4
	[B5202S]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
	[B5204F]	09.98- 03.00	112072	14 120		01.97-	112818	12 1.4
	[B5204T4]	01.97- 11.00	112072	14 120		01.97- 11.00	112818	12 1.4
S70 2.0 20V	[B5204T2]	09.98-	112072	14 120		01.97- 07.98	112818	12 1.4
S70 2.0 Turbo	[B5204T]	09.98- 03.00	112072	14 120		01.97-	112818	12 1.4
	[B5204T3]	09.98- 11.00	112072	14 120		08.98- 11.00	112818	12 1.4
S70 2.3 T5	[B5234T3]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
S70 2.3 Turbo	[B5234FT]	09.98- 11.00	112072	14 120		01.97- 11.00	112818	12 1.4
S70 2.4	[B5244S]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
	[B5244S2]	08.99- 07.00	112072	14 120		08.99- 07.00	112818	12 1.4
	[B5252FS]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
	[B5254S]	01.97- 11.00	112072	14 120		06.98-	112818	12 1.4
	[GB5252S]	10.98-	112072	14 120		AT 10.98-	112818	12 1.4
S70 2.4 Turbo	[B5244T]	01.97- 11.00	112072	14 120		AT 01.97-	112818	12 1.4
	[B5254T]	09.98-	112072	14 120		AT 01.97-	112818	12 1.4
S70 2.4 Blu-Fuel	[B5244S2]	07.97- 09.00	112072	14 120		07.97- 09.00	112818	12 1.4
	[B5244SG]	07.97- 09.00	112072	14 120		07.97- 09.00	112818	12 1.4
S70 2.5 BiFuel	[B5244SG]	07.99-	112072	14 120		07.99-	112818	12 1.4
S70 2.5 Tdi	[D5252T]	01.97- 11.00	113754	14 120				
S80 1.6 Diesel DRIVE	[D4162T]	06.11-	114724	14 150		06.11-	115769	12 2.3
S80 2.0	[B4204S3]					01.08-	113906	12 1.2
	[B5204T4]	06.98- 06.98-	112078 113272	14 120 14 140		06.98-	112818	12 1.4
S80 2.0 Drive- E	[B4204T11]	12.14-	116290	14 210		12.14-	116265*	12 2.2
S80 2.0 T5	[B4204T7]	10.10-	115908	14 150		10.10-	113906	12 1.2
S80 2.0 FlexFuel	[B4204S4]					01.08-	113906	12 1.2
S80 2.0 Turbo	[B4204T6]	01.10-	115908	14 150		01.10-	113906	12 1.2
	[B5204T3]	06.98- 06.98-	112078 113272	14 120 14 140		06.98-	112818	12 1.4
	[B5204T5]	12.99- 12.99- 12.99- 07.06 12.99- 07.06 12.99- 07.06	112078 113272 115708 115709 116352	14 120 14 140 14 160 A49 14 160 14 160		12.99-	112818	12 1.4
S80 2.0	[D5204T7]	05.12- 05.12-	115412 115434	14 180 14 150		05.12- 05.12- 05.12- 05.12-	116051 116483* 113303 115588	12 2.2 A49 12 2.2 12 2.2 12 2.2
S80 2.0 Diesel D3	[D5204T2]	01.10- 01.10-	115412 115434	14 180 14 150		01.10- 01.10- 01.10- 01.10-	116051 116483* 113303 115588	12 2.2 A49 12 2.2 12 2.2 12 2.2
	[D5204T3]	01.10- 01.10-	115412 115434	14 180 14 150		01.10- 01.10- 01.10- 01.10-	115588 116051 113303 116483*	12 2.2 12 2.2 A49 12 2.2 12 2.2
S80 2.4	[B5244S]	01.99- 01.99- 01.99- 01.99- 07.06	112072 112078 113272 115709	14 120 14 120 14 140 14 160		01.99-	112818	12 1.4



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	[B5244S2]	01.99- 01.99- 01.99- 01.99- 07.06	112072 112078 113272 115709	14 120 14 120 14 140 14 160		01.99-	112818	12 1.4
S80 2.4 T5 AWD	[B5244T3]	08.00- 07.03 08.00- 07.03	112078 113272	14 120 14 140		04.00- 09.03	112818	12 1.4
S80 2.4 Turbo	[B5244T3]	03.00- 03.00- 06.00- 06.00- 07.06	112078 113272 112072 115709	14 120 14 140 14 120 14 160		03.00-	112818	12 1.4
S80 2.4 LPG	[B5244SG]	09.01- 07.06 09.01- 07.06 09.01- 07.06 09.01- 07.06 09.01- 07.06 09.01- 07.06	112072 112078 113272 114312 115708 115709 116352	14 120 14 120 14 140 14 140 14 160 A49 14 160				
S80 2.4 BiFuel	[B5244SG2]	09.01- 09.01- 09.01- 09.01- 07.06 09.01- 07.06 09.01- 07.06	112072 112078 113272 115708 115709 116352	14 120 14 120 14 140 14 160 A49 14 160		09.01-	112818	12 1.4
S80 2.4 Diesel	[D5244T]	03.06- 03.06-	115412 115434	14 180 14 150		03.06-	113303	12 2.2
	[D5244T14]	01.10- 01.10-	115412 115434	14 180 14 150				
	[D5244T2]	10.01- 10.01- 07.06 10.01- 07.06	113272 113754 115709	14 140 14 120 14 160		10.01-	112434	12 2.0
	[D5244T5]	03.06- 03.06-	115412 115434	14 180 14 150		03.06-	113303	12 2.2
S80 2.4 Diesel D5	[D5244T]	08.01- 08.01- 07.06	113272 115709	14 140 14 160		08.01- AT 08.01-	112434 113303	12 2.0 12 2.2
	[D5244T10]	01.10- 01.10-	115412 115434	14 180 14 150		01.10- 01.10-	113303 115588	12 2.2 12 2.2
	[D5244T11]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11- 06.11- 06.11-	116051 116483* 113303 115588	12 2.2 A49 12 2.2 12 2.2 12 2.2
	[D5244T15]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11- 06.11- 06.11-	116051 116483* 113303 115588	12 2.2 A49 12 2.2 12 2.2 12 2.2
	[D5244T4]	03.06- 03.06-	115412 115434	14 180 14 150		03.06-	113303	12 2.2
S80 2.4 Diesel D5 AWD	[D5244T10]	01.10- 01.10-	115412 115434	14 180 14 150		01.10- 01.10-	113303 115588	12 2.2 12 2.2
	[D5244T15]	06.11- 06.11-	115412 115434	14 180 14 150		06.11- 06.11- 06.11- 06.11-	116051 116483* 113303 115588	12 2.2 A49 12 2.2 12 2.2 12 2.2
	[D5244T4]	01.07- 01.07-	115412 115434	14 180 14 150				
S80 2.5 Turbo FlexFuel	[B5254T8]	05.08- 05.08-	115412 115434	14 180 14 150		05.08-	115641	12 1.4
S80 2.5 Turbo	[B5254T10]	01.10- 01.10-	115412 115434	14 180 14 150		01.10-	115641	12 1.4
	[B5254T12]	01.12-	115412	14 180		01.12-	115641	12 1.4
	[B5254T14]	09.12-	115412	14 180		09.12-	115641	12 1.4
	[B5254T2]	03.03- 07.06 03.03- 07.06 03.03- 07.06 07.03-	115708 115709 116352 113272	14 160 A49 14 160 14 160 14 140		03.03-	112818	12 1.4
	[B5254T6]	03.06- 03.06-	115412 115434	14 180 14 150		03.06-	115641	12 1.4
S80 2.5 Turbo AWD	[B5254T2]	07.03- 07.03- 07.06 07.03- 07.06 07.03- 07.06	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160		07.03-	112818	12 1.4
S80 2.5 Turbo FlexFuel	[B5254T11]	01.10- 01.10-	115412 115434	14 180 14 150		01.10-	115641	12 1.4
S80 2.5 TDi	[D5252T]	01.99- 08.01 01.99- 07.06	113272 113754	14 140 14 120		08.98-	112434	12 2.0
S80 2.8 T6	[B6284T]	09.98- 08.01 09.98-	112078 113272	14 120 14 140				
S80 2.9	[B6294S]	03.99- 03.99-	112078 113272	14 120 14 140				
S80 2.9 24V	[B6304S3]	09.98- 08.99 09.98- 08.99	112078 113272	14 120 14 140				
S80 3.0	[B6294S2]	08.01- 08.01- 08.01-	112072 112078 113272	14 120 14 120 14 140				
S80 3.0 T6	[B6294T]	06.01- 06.01- 06.01-	112072 112078 113272	14 120 14 120 14 140				
S80 3.0 T6 AWD	[B6304T4]	10.10-	115966	14 150		10.10-	114746	12 1.4
S80 3.0 Turbo T6 AWD	[B6304T2]	01.07-	115966	14 150		01.07-	114746	12 1.4
S80 3.2	[B6324S]	03.06-	115966	14 150		03.06-	114746	12 1.4
	[B6324S5]	01.10-	115966	14 150		01.10-	114746	12 1.4
S80 3.2 AWD	[B6324S]					01.07-	114746	12 1.4
	[B6324S5]	01.10-	115966	14 150		01.10-	114746	12 1.4
S80 4.4 V8 AWD	[B8444S]	03.06-	115753	14 180		03.06-	116443*	12 2.0
S90 2.0 T6 AWD	[B4204T29]	10.17-	116290	14 210				
S90 2.9	[B6304G]	01.97-	112557	14 120				
	[B6304S2]	01.97-	112557	14 120				



V40 1.6	[B4164S]					AT 12.95-08.99	112818	12 1.4	
						07.95-	113605	12 1.1	
V40 1.6 Diesel	[B4164S2]	03.99-06.04	112557	14 120		AT 03.99-	112818	12 1.4	
	[D4162T]	03.12-	114724	14 150		A25 03.12-	116053	12 1.4 A49	
V40 1.8	[B4184S]					AT 07.95-	112818	12 1.4	
	[B4184S2]					07.95-	113605	12 1.1	
	[B4184S3]					AT 03.99-	112818	12 1.4	
	[B4184S9]					07.95-08.99	113605	12 1.1	
V40 1.8 i	[B4184SJ]	06.01-	112327	14 100					
V40 1.8 LPG	[B4184S9]	03.99-	112072	14 120		03.99-	112818	12 1.4	
		03.99-	112557	14 120					
V40 1.9 T4	[B4194T]					AT 05.97-	112818	12 1.4	
V40 1.9 Diesel Di	[D4192T2]	03.99-07.00	113248	14 120		03.99-	112295	12 1.7	
	[D4192T3]	07.00-	112471	14 125		07.00-	112474	12 1.8	
		07.00-06.04	113248	14 120		07.00-12.00	112295	12 1.7	
		Eng. -36180 07.00-	112679	14 110					
		[D4192T4]	07.00-	112471	14 125		07.00-12.00	112295	12 1.7
			07.00-06.04	113248	14 120		07.00-	112474	12 1.8
		Eng. -36180 07.00-	112679	14 110					
V40 1.9 TD	[D4192T]	07.95-08.99	113248	14 120		07.95-	112295	12 1.7	
V40 2.0	[B4204S]					AT 07.95-	112818	12 1.4	
	[B5204T8]	07.13-	115606	14 150		07.13-	116052	12 1.4 A49	
	[B5204T9]					03.13-	116052	12 1.4 A49	
V40 2.0 4x4	[B5204T8]					07.13-	116052	12 1.4 A49	
	[B5204T9]	03.13-	115606	14 150		03.13-	116052	12 1.4 A49	
V40 2.0 16V	[B4204S]	07.95-06.04	112072	14 120		AT 07.95-06.04	112818	12 1.4	
		07.95-06.04	113272	14 140		07.95-06.04	113605	12 1.1	
	[B4204S2]	Chas. 964075-07.95-04.04	113272	14 140		07.95-	113605	12 1.1	
		Chas. 415000-964074 07.95-04.04	112072	14 120		AT 07.95-	112818	12 1.4	
V40 2.0 Turbo 16V	[B4204T]	10.97-07.00	112072	14 120		AT 10.97-	112818	12 1.4	
		10.97-07.00	113272	14 140					
V40 2.0 Turbo	[B4204T2]	07.00-06.01	112072	14 120		AT 07.00-06.01	112818	12 1.4	
		07.00-06.01	113272	14 140					
	[B4204T3]	06.01-	113272	14 140		AT 06.01-	112818	12 1.4	
		Chas. -964074 08.00-04.04	112072	14 120					
V40 2.0 Turbo T4	[B4204T5]	07.00-	112072	14 120		AT 07.00-04.04	112818	12 1.4	
		07.00-	113272	14 140					
V40 2.0 Diesel	[D4204T8]	02.15-	116290	14 210		02.15-	116265*	12 2.2	
	[D4204T9]					04.15-	116265*	12 2.2	
	[D5204T4]					03.12-	116051	12 2.2 A49	
						03.12-	116483*	12 2.2	
	[D5204T6]					03.12-	116051	12 2.2	
					03.12-	116483*	12 2.2		
V40 2.5 4x4	[B5254T12]	01.13-	115606	14 150					
V50 1.6	[B4164S3]	01.05-	115601	14 120		01.05-	111906	12 1.1	
V50 1.6 Diesel	[D4164T]	01.05-	113849	14 150 A49		01.05-	113908	12 1.2 A49	
		01.05-	113922	14 120		01.05-	116062	12 1.2	
		01.05-	115460	14 160					
		01.05-	116294	14 150					
		03.05-	113922	14 120		03.05-	116157	12 2.2	
		03.05-	113849	14 150		03.05-	116062	12 1.2	
						A25 03.05-	115769	12 2.3	
					03.05-	113911	12 2.2		
					03.05-	113908	12 1.2		
V50 1.8	[B4184S11]	04.04-	114083	14 150		04.04-	113906	12 1.2	
V50 1.8 FlexFuel	[B4184S8]	01.05-	113978	14 120		01.05-	113906	12 1.2	
		01.05-	114083	14 150					
V50 2.0	[B4204S3]	10.06-	113978	14 120		10.06-	113906	12 1.2	
		10.06-	114083	14 150					
V50 2.0 Flexfuel	[B4204S4]					01.10-	113906	12 1.2	
V50 2.0 Diesel	[D4204T]	04.04-	113849	14 150 A49		04.04-	113911	12 2.2 A49	
		04.04-	113922	14 120		04.04-	116157	12 2.2	
		04.04-	116294	14 150					
V50 2.0 Diesel D3	[D5204T5]	10.10-	115434	14 150		10.10-	116051	12 2.2 A49	
		10.10-	115606	14 150		10.10-	116483*	12 2.2	
						10.10-	115588	12 2.2	
V50 2.0 Diesel D4	[D5204T]	10.10-	115434	14 150		10.10-	116051	12 2.2 A49	
		10.10-	115606	14 150		10.10-	116483*	12 2.2	
						10.10-	115588	12 2.2	
V50 2.2 CDI	[D4204T2]	12.03-12.06	113849	14 150 A49		12.03-12.06	113911	12 2.2	
		12.03-12.06	113922	14 120		12.03-12.06	116157	12 2.2	
		12.03-12.06	116294	14 150					
V50 2.4	[B5244S4]	04.04-	114810	14 150		04.04-	114315	12 1.4	
		04.04-	115606	14 150		04.04-	115641	12 1.4	
	[B5244S5]	04.04-	114810	14 150		04.04-	115641	12 1.4	
		04.04-	115606	14 150		04.04-	114315	12 1.4	
V50 2.4 Diesel	[D5244T13]	03.06-	114810	14 150		03.06-	113303	12 2.2	
		03.06-	115606	14 150					
	[D5244T8]	03.06-	114810	14 150		03.06-	113303	12 2.2	
		03.06-	115606	14 150					
V50 2.5 T5	[B5254T3]	04.04-	114810	14 150		04.04-	115641	12 1.4	
						04.04-	114315	12 1.4	
V50 2.5 T5 AWD	[B5254T3]	04.04-	114810	14 150		04.04-	115641	12 1.4	
						04.04-	114315	12 1.4	
V50 2.5 Turbo T5	[B5254T7]	03.07-	115606	14 150		03.07-	115641	12 1.4	
						03.07-	114315	12 1.4	
V50 2.5 Turbo T5 AWD	[B5254T7]	03.07-	115606	14 150		03.07-	115641	12 1.4	
						03.07-	114315	12 1.4	
						03.07-	114315	12 1.4	
V60 1.5	[B4154T4]	03.15-	116290	14 210		03.15-	116265*	12 2.2	
V60 1.6 T3	[B4164T3]					09.10-	116049	12 1.2 A49	
V60 1.6 T4	[B4164T]					09.10-	116049	12 1.2 A49	
V60 1.6	[B4164T2]					04.11-	116049	12 1.2 A49	
V60 1.6 Diesel DRIVE	[D4162T]					06.11-	115769	12 2.3	
V60 2.0	[B4204T37]	03.15-	116290	14 210		03.15-	116265*	12 2.2	
	[B5204T8]	01.14-	115606	14 150		01.14-	116052	12 1.4	

STARTERS & ALTERNATORS



Application list

VOLVO Continued

V60 2.0 T5	[B4204T15]	01.14-	116290	14	210					
	[B4204T7]	09.10-	115908	14	150	09.10-	113906	12	1.2	
V60 2.0 T6 AWD		02.18-	116290	14	210					
V60 2.0 Turbo	[B4204T6]	09.10-	115908	14	150	09.10-	113906	12	1.2	
V60 2.0 D3	[D5204T7]	12.12-	115412	14	180	12.12-	116483*	12	2.2	
		12.12-	115434	14	150	12.12-	115588	12	2.2	
						12.12-	116051	12	2.2	A49
V60 2.0 Diesel	[D4204T11]	03.15-	116290	14	210	03.15-	116265*	12	2.2	
		02.18-	116290	14	210	02.18-	116265*	12	2.2	
		02.18-	116290	14	210	02.18-	116265*	12	2.2	
V60 2.0 Diesel D2	[D4204T20]	03.15-	116290	14	210	03.15-	116265*	12	2.2	
V60 2.0 Diesel D3	[D4204T4]	03.15-	116290	14	210	03.15-	116265*	12	2.2	
		03.15-	116290	14	210	03.15-	116265*	12	2.2	
		09.10-	115412	14	180	09.10-	116483*	12	2.2	
						09.10-	115588	12	2.2	
	[D5204T2]					09.10-	116051	12	2.2	A49
	[D5204T3]	09.10-	115412	14	180	09.10-	116483*	12	2.2	
						09.10-	115588	12	2.2	
						09.10-	116051	12	2.2	A49
V60 2.0 Diesel D4	[D4204T14]	03.15-	116290	14	210	03.15-	116265*	12	2.2	
V60 2.4 D5	[D5244T17]	12.12-	115412	14	180	12.12-	116483*	12	2.2	
		12.12-	115434	14	150	12.12-	115588	12	2.2	
						12.12-	116051	12	2.2	A49
V60 2.4 Diesel	[D5244T23]	04.14-	115412	14	180	04.14-	116051	12	2.2	A49
		04.14-	115434	14	150	04.14-	116483*	12	2.2	
V60 2.4 Diesel AWD	[D5244T11]	06.11-	115412	14	180	06.11-	115588	12	2.2	
		06.11-	115434	14	150	06.11-	116051	12	2.2	A49
						06.11-	116483*	12	2.2	
						10.13-	116483*	12	2.2	
	[D5244T12]	10.13-	115412	14	180	10.13-	115588	12	2.2	
						10.13-	116051	12	2.2	A49
	[D5244T15]	06.11-	115412	14	180	06.11-	116483*	12	2.2	
		06.11-	115434	14	150	06.11-	116051	12	2.2	A49
V60 2.4 Diesel D4 AWD	[D5244T21]	03.15-	115412	14	180	03.15-	116483*	12	2.2	
						03.15-	113303	12	2.2	
						03.15-	115588	12	2.2	
						03.15-	116051	12	2.2	
V60 2.4 Diesel D5	[D5244T10]	09.10-	115412	14	180	09.10-	116483*	12	2.2	
						09.10-	115588	12	2.2	
	[D5244T11]	06.11-	115412	14	180	06.11-	116483*	12	2.2	
		06.11-	115434	14	150	06.11-	115588	12	2.2	
	[D5244T15]	06.11-	115412	14	180	06.11-	116051	12	2.2	A49
		06.11-	115434	14	150	06.11-	116483*	12	2.2	
						06.11-	115588	12	2.2	
						06.11-	116051	12	2.2	A49
V60 2.4 Diesel D5 AWD	[D5244T10]	09.10-	115412	14	180	09.10-	116483*	12	2.2	
						09.10-	115588	12	2.2	
	[D5244T15, D5244T23]	04.14-	115412	14	180	04.14-	116051	12	2.2	A49
		04.14-	115434	14	150	04.14-	116483*	12	2.2	
V60 2.4 Hybrid AWD	[D97PHEV]					03.15-	116051	12	2.2	
						03.15-	116483*	12	2.2	
V60 2.4 Hybrid D5 Hybrid AWD	[D87PHEV]					03.15-	116051	12	2.2	
						03.15-	116483*	12	2.2	
V60 2.4 Hybrid	[D5244T15]					06.12-	116051	12	2.2	A49
	[D82PHEV]					06.12-	116483*	12	2.2	
						06.12-	116051	12	2.2	
						06.12-	116483*	12	2.2	
V60 3.0 T6 AWD	[B6304T3]					04.14-	114746	12	1.4	
	[B6304T4]					09.10-	114746	12	1.4	
V60 3.0 T AWD	[B6304T5]	09.10-	115966	14	150	05.14-	114746	12	1.4	
V70 1.6 D5 AWD	[B4164T]					10.10-	113906	12	1.2	
						10.10-	116049	12	1.2	A49
V70 1.6 T4F	[B4164T2]					01.11-	113906	12	1.2	
						01.11-	116049	12	1.2	A49
V70 1.6 Diesel D5 AWD	[D4162T]	06.11-	114724	14	150	06.11-	115769	12	2.3	
V70 1.6 Diesel DRiVe	[D4164T]	01.10-	114724	14	150	01.10-	116062	12	1.2	
						01.10-	113908	12	1.2	A49
V70 2.0	[B4204S3]					10.07-	113906	12	1.2	
	[B5202S]	09.98-	112072	14	120	01.97-	112818	12	1.4	
	[B5204F]	09.98- 03.00	112072	14	120	01.97- 03.00	112818	12	1.4	
	[B5204T4]	01.97- 03.00	112072	14	120	01.97- 03.00	112818	12	1.4	
V70 2.0 T6 AWD	[B4204T7]	01.10-	115908	14	150	01.10-	113906	12	1.2	
V70 2.0 20V	[B5204T2]					01.97- 03.06	112818	12	1.4	
V70 2.0 FlexFuel	[B4204S4]					01.08-	113906	12	1.2	
V70 2.0 Turbo	[B4204T6]	01.10-	115908	14	150	01.10-	113906	12	1.2	
		03.00- 03.00	113272	14	140	01.97-	112818	12	1.4	
		09.98- 03.00	112072	14	120					
		[B5204T3]	09.98- 08.99	112072	14	120	01.97- 08.99	112818	12	1.4
		[B5204T5]	03.00-	112072	14	120	07.01-	112818	12	1.4
		03.00-	113272	14	140	07.01-	115641	12	1.4	
		07.01-	115708	14	160	A49				
07.01-	115709	14	160							
	07.01-	116352	14	160						
V70 2.0 Turbo AWD	[B5204T3]	09.98- 08.99	112072	14	120	01.97- 08.99	112818	12	1.4	
V70 2.0	[B5204T9]					03.13-	115641	12	1.4	
						03.13-	116052	12	1.4	A49
		01.13-	115412	14	180	01.13-	113303	12	2.2	
		01.13-	115434	14	150					
	[D5204T3]	03.10-	115412	14	180	03.10-	115588	12	2.2	
		03.10-	115434	14	150	03.10-	116051	12	2.2	A49
						03.10-	113303	12	2.2	
						03.10-	116483*	12	2.2	
V70 2.0 Diesel	[D4204T]	10.07-	115365	14	150	10.07-	113911	12	2.2	A49
		10.07-	115671	14	180	10.07-	116157	12	2.2	



V70 2.0 Diesel D5 AWD	[D5204T2]	03.10- 07.11	115412	14 180	Chass. no. 213001-	03.10- 07.11	116051	12 2.2	A49
		03.10- 07.11	115434	14 150	Chass. no. 213001-	03.10- 07.11	116483*	12 2.2	
					Chass. no. 167001 - Chass. no. 213000	03.10- 07.11	115588	12 2.2	
					Chass.no. -167000	03.10- 07.11	113303	12 2.2	
	[D5204T3]	03.10- 07.11	115412	14 180		03.10- 07.11	116483*	12 2.2	
		03.10- 07.11	115434	14 150		03.10- 07.11	113303	12 2.2	
						03.10- 07.11	115588	12 2.2	
						03.10- 07.11	116051	12 2.2	A49
V70 2.3	[B5234FT]	09.98- 03.00	112072	14 120		01.97- 03.00	112818	12 1.4	
	[B5234T7]	10.00- 09.04	112072	14 120		10.00- 09.04	115641	12 1.4	
V70 2.3 T5	[B5234T3]	03.00-	113272	14 140		01.97-	112818	12 1.4	
		03.00-	115709	14 160		03.00-	115641	12 1.4	
		09.98-	112072	14 120					
	AT 03.00-	112078	14 120						
V70 2.3 T5 AWD	[B5234T3]	09.98-	112072	14 120		01.97-	112818	12 1.4	
V70 2.3 Turbo AWD	[B5234FT]	09.98-	112072	14 120		04.97-	112818	12 1.4	
	[B5234T4]	04.97- 03.00	112072	14 120		04.97- 03.00	112818	12 1.4	
V70 2.4	[B5244S]	03.00-	113272	14 140		01.97-	112818	12 1.4	
		03.00-	115708	14 160 A49		03.00-	115641	12 1.4	
		03.00-	115709	14 160					
		03.00-	116352	14 160					
		09.98-	112072	14 120					
	AT 03.00-	112078	14 120						
	[B5244S2]	03.00-	112072	14 120		03.00-	112818	12 1.4	
		03.00-	113272	14 140		03.00-	115641	12 1.4	
		03.00-	115708	14 160 A49					
		03.00-	115709	14 160					
		03.00-	116352	14 160					
	AT 03.00-	112078	14 120						
[B5252FS]	01.97- 03.00	112557	14 120		01.97-	112818	12 1.4		
	09.98-	112072	14 120						
[B5254S]	01.97- 05.00	112072	14 120		01.97- 05.00	112818	12 1.4		
[GB5244SG2]	08.99- 05.00	112072	14 120		05.99- 03.00	112818	12 1.4		
V70 2.4 Turbo	[B5244T]	01.97- 03.00	112072	14 120		01.97- 03.00	112818	12 1.4	
	[B5244T3]	03.00-	112078	14 120		03.00-	115641	12 1.4	
		03.00-	113272	14 140		03.00-	112818	12 1.4	
		03.00-	115709	14 160					
	AC 03.00-	112072	14 120						
	[B5254T]	09.98-	112072	14 120		01.97-	112818	12 1.4	
V70 2.4 Turbo AWD	[B5244T]	01.97- 05.00	112072	14 120		01.97- 05.00	112818	12 1.4	
	[B5244T3]	03.00-	112078	14 120		03.00-	112818	12 1.4	
		03.00-	113272	14 140		09.01-	115641	12 1.4	
		09.00-	112072	14 120					
		09.01-	115709	14 160					
	[B5254T]	09.98-	112072	14 120		01.97-	112818	12 1.4	
V70 2.4 Turbo T5	[B5244T5]	04.04-	112072	14 120		04.04-	112818	12 1.4	
		04.04-	113272	14 140		04.04-	115641	12 1.4	
		04.04-	115708	14 160 A49					
		04.04-	115709	14 160					
		04.04-	116352	14 160					
V70 2.4 LPG	[B5244SG]	09.01- 08.07	112072	14 120		09.01- 08.07	115641	12 1.4	
		09.01- 08.07	112078	14 120					
		09.01- 08.07	114312	14 140					
		09.01- 08.07	115708	14 160 A49					
		09.01- 08.07	115709	14 160					
		09.01- 08.07	116352	14 160					
V70 2.4	[GB5252S]	10.98-	112072	14 120		10.98-	112818	12 1.4	
V70 2.4 4x4	[D5244T17]	01.13-	115412	14 180		01.13-	116051	12 2.2	A49
		01.13-	115434	14 150		01.13-	116483*	12 2.2	
						01.13-	113303	12 2.2	
					01.13-	115588	12 2.2		
V70 2.4 BiFuel	[B5244SG]	08.99-	112072	14 120		08.99-	112818	12 1.4	
		08.99-	113272	14 140					
	[B5244SG2]	09.01-	112072	14 120		09.01-	112818	12 1.4	
		09.01-	112078	14 120					
		09.01-	113272	14 140					
		09.01-	115708	14 160 A49					
		09.01-	115709	14 160					
		09.01-	116352	14 160					
V70 2.4 Diesel	[D5244T10]	12.09-	115412	14 180		12.09-	116051	12 2.2	A49
		12.09-	115434	14 150		12.09-	116483*	12 2.2	
						12.09-	115588	12 2.2	
	[D5244T14]	10.09- 07.10	115412	14 180	Chas. 213001-	10.09- 07.10	116483*	12 2.2	
		10.09- 07.10	115434	14 150	Chas. -167000	10.09- 07.10	113303	12 2.2	
					Chas. 167001-213000	10.09- 07.10	115588	12 2.2	
					Chas. 213001-	10.09- 07.10	116051	12 2.2	
	[D5244T2]	12.01-	113272	14 140		12.01-	112434	12 2.0	
		12.01-	115708	14 160 A49					
		12.01-	115709	14 160					
		12.01-	116352	14 160					
	[D5244T5]	03.06-	115412	14 180					
	03.06-	115434	14 150						
[D5244T7]	05.05-	115708	14 160 A49						
	05.05-	116352	14 160						
V70 2.4 Diesel AWD	[D5244T10]	12.09-	115412	14 180		12.09-	116051	12 2.2	A49
		12.09-	115434	14 150		12.09-	116483*	12 2.2	
						12.09-	115588	12 2.2	
	[D5244T12]	10.13-	115412	14 180		10.13-	116483*	12 2.2	
					10.13-	113303	12 2.2		
					10.13-	115588	12 2.2		
					10.13-	116051	12 2.2	A49	
V70 2.4 Diesel D5	[D5244T]	08.01-	113272	14 140		08.01-	113303	12 2.2	
		08.01-	113754	14 120					
		08.01-	114312	14 140					
		08.01-	115708	14 160 A49					
		08.01-	115709	14 160					
		08.01-	116352	14 160					



Application list

VOLVO Continued

	[D5244T11]	06.11-	115434	14 150		06.11- 06.11- 06.11- 06.11-	116483* 113303 115588 116051	12 2.2 12 2.2 12 2.2 12 2.2 A49
	[D5244T15]	06.11-	115434	14 150		06.11- 06.11- 06.11- 06.11-	113303 115588 116051 116483*	12 2.2 12 2.2 12 2.2 A49 12 2.2
	[D5244T4]	05.05- 12.05- 12.05- 08.07- 08.07-	113272 115708 116352 115412 115434	14 140 14 160 A49 14 160 14 180 14 150		05.05-	112434	12 2.0
	[D5244T5]	08.01- 08.01- 07.07 08.01- 08.01- 07.07 08.05- 07.07	113272 115708 115709 116352 114312	14 140 14 160 A49 14 160 14 160 14 140		08.01- 08.05- 07.07 08.05- 07.07	112434 111030 113303	12 2.0 12 1.4 12 2.2
V70 2.4 Diesel D5 AWD	[D5244T]	03.03- 03.03- 03.03- 03.03-	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160		03.03-	112434	12 2.0
	[D5244T11]	06.11-	115434	14 150		06.11- 06.11- 06.11- 06.11-	116483* 113303 115588 116051	12 2.2 12 2.2 12 2.2 12 2.2
	[D5244T15]	06.11-	115434	14 150		06.11- 06.11- 06.11- 06.11-	116483* 113303 115588 116051	12 2.2 12 2.2 12 2.2 12 2.2 A49
	[D5244T2]	03.03- 03.03- 03.03- 03.03-	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160		03.03-	112434	12 2.0
	[D5244T4]	05.05- 12.05- 12.05- 10.07- 10.07-	113272 115708 116352 115412 115434	14 140 14 160 A49 14 160 14 180 14 150		05.05-	112434	12 2.0
	[D5244T5]	08.02- 03.03- 03.03- 03.03-	113272 115708 115709 116352	14 140 14 160 A49 14 160 14 160		08.02-	112434	12 2.0
V70 2.5 AWD	[B5244T2]	03.99- 03.00	112072	14 120		03.99- 03.00	112818	12 1.4
	[B5254T2]	09.02- 12.04 09.02- 12.04 09.02- 12.04 09.02- 12.04 09.02- 12.04 09.02- 12.04	112072 112078 113272 115708 115709 116352	14 120 14 120 14 140 14 160 A49 14 160 14 160		09.02- 12.04 09.02- 12.04	112818 115641	12 1.4 12 1.4
V70 2.5 Turbo FlexFuel	[B5254T8]	05.08- 05.08-	115412 115434	14 180 14 150		05.08-	115641	12 1.4
V70 2.5 Turbo	[B5254T10]	01.10-	115434	14 150		01.10-	115641	12 1.4
	[B5254T2]	04.04- 04.04- 04.04- 04.04- 04.04- 04.04-	112072 113272 115708 115709 116352	14 120 14 140 14 160 A49 14 160 14 160		04.04- 04.04-	112818 115641	12 1.4 12 1.4
	[B5254T6]	08.07- 08.07-	115412 115434	14 180 14 150		08.07-	115641	12 1.4
V70 2.5 Turbo AWD	[B5254T2]	09.02- 09.02- 09.02- 09.02- 09.02-	112072 113272 115708 115709 116352	14 120 14 140 14 160 A49 14 160 14 160		09.02- 09.02-	112818 115641	12 1.4 12 1.4
V70 2.5 Turbo R AWD	[B5254T4]	03.03- 03.03- 03.03- 03.03- 03.03-	112072 113272 115708 115709 116352	14 120 14 140 14 160 A49 14 160 14 160		03.03- 03.03-	112818 115641	12 1.4 12 1.4
V70 2.5 Turbo FlexiFuel	[B5254T11]	10.09- 10.09-	115412 115434	14 180 14 150		10.09-	115641	12 1.4
V70 2.5 TDi	[D5252T]	03.00- 01.97- 01.97- 03.00	115709 111828 113272	14 160 14 120 14 140		03.00-	112434	12 2.0
V70 3.0 T6 AWD	[B6304T2]	08.07-	115966	14 150		08.07-	114746	12 1.4
	[B6304T4]	04.11-	115966	14 150		04.11-	114746	12 1.4
V70 3.2	[B6324S]	08.07-	115966	14 150		08.07-	114746	12 1.4
	[B6324S5]	05.11-	115966	14 150		05.11-	114746	12 1.4
V70 3.2 AWD	[B6324S5]	05.11-	115966	14 150		05.11-	114746	12 1.4
V90 2.0 T4	[B4204T31]	10.17-	116290	14 210		10.17-	116265*	12 2.2
V90 2.9	[B6304G]	01.97-	112557	14 120				
	[B6304S2]	01.97-	112557	14 120				
XC40 2.0 Diesel		10.17-	116290	14 210		AT 10.17-	116265*	12 2.2
XC40 2.0 Diesel AWD	[D4204T12]	10.17-	116290	14 210		10.17-	116265*	12 2.2
XC40 2.0 Diesel D3 AWD		10.17-	116290	14 210		AT 10.17-	116265*	12 2.2
XC60 2.0	[B4204T26]					10.17-	116265*	12 2.2
XC60 2.0 4x4	[B4204T23]					03.17-	116265*	12 2.2
	[B4204T27]					03.17-	116265*	12 2.2
XC60 2.0 AWD	[B4204T26]					10.17-	116265*	12 2.2
	[B4204T29]					10.17-	116265*	12 2.2
XC60 2.0 T5	[B4204T23]					03.17-	116265*	12 2.2
	[B4204T7]	09.10-	115908	14 150		09.10-	113906	12 1.2
XC60 2.0 Turbo	[B4204T6]	03.10-	115908	14 150		03.10-	113906	12 1.2
XC60 2.0	[D5204T7]	04.12-	115412	14 180		04.12- 04.12-	115588 113303	12 2.2 12 2.2
XC60 2.0 Diesel 4x4	[D4204T14]					03.17-	116265*	12 2.2



	[D4204T23]					03.17-	116265*	12	2.2
XC60 2.0 Diesel D3	[D4204T4]	03.15-	116290	14	210	03.15-	116265*	12	2.2
XC60 2.0 Diesel D4	[D4204T14]	03.15-	116290	14	210	03.15-	116265*	12	2.2
XC60 2.0 Diesel DRiVe	[D5204T2]	03.10-	115412	14	180	03.10-	115588	12	2.2
		03.10-	115434	14	150				
	[D5204T3]	03.10-	115412	14	180	03.10-	115588	12	2.2
		03.10-	115434	14	150				
XC60 2.0 Hybrid 4x4	[B4204T35]					03.17-	116265*	12	2.2
XC60 2.4 Diesel	[D5244T11]	06.11-	115412	14	180	06.11-	113303	12	2.2
		06.11-	115434	14	150	06.11-	115588	12	2.2
	[D5244T16]	05.08-	115412	14	180	05.08-	113303	12	2.2
		05.08-	115434	14	150	05.08-	115588	12	2.2
	[D5244T17]	05.08-	115412	14	180	05.08-	113303	12	2.2
		05.08-	115434	14	150	05.08-	115588	12	2.2
	[D5244T5]	05.08-	115412	14	180	05.08-	115588	12	2.2
		05.08-	115434	14	150				
XC60 2.4 Diesel AWD	[D5244T12]	10.13-	115412	14	180	10.13-	115588	12	2.2
						10.13-	113303	12	2.2
XC60 2.4 Diesel D4 AWD	[D5244T21]	03.15-	115412	14	180	03.15-	116483*	12	2.2
						03.15-	113303	12	2.2
						03.15-	115588	12	2.2
						03.15-	116051	12	2.2
XC60 2.4 Diesel D5	[D5244T4]	05.08-	115412	14	180				
		05.08-	115434	14	150				
XC60 2.4 Diesel D5 AWD	[D5244T10]	07.09-	115412	14	180	07.09-	113303	12	2.2
		07.09-	115434	14	150	07.09-	115588	12	2.2
	[D5244T11]	06.11-	115412	14	180	06.11-	113303	12	2.2
		06.11-	115434	14	150	06.11-	115588	12	2.2
	[D5244T15]	06.11-	115412	14	180	06.11-	113303	12	2.2
		06.11-	115434	14	150	06.11-	115588	12	2.2
	[D5244T22]	03.15-	115412	14	180	03.15-	116483*	12	2.2
						03.15-	113303	12	2.2
					03.15-	115588	12	2.2	
					03.15-	116051	12	2.2	
	[D5244T23]	04.14-	115412	14	180	04.14-	113303	12	2.2
		04.14-	115434	14	150	04.14-	115588	12	2.2
XC60 2.4 Diesel DRiVe	[D5244T14]	07.09-	115412	14	180	07.09-	113303	12	2.2
		07.09-	115434	14	150	07.09-	115588	12	2.2
XC60 2.5 T5 AWD	[B5254T12]	04.14-	115412	14	180	04.14-	116052	12	1.4 A49
XC60 3.0	[B6304T2]	05.08-	115966	14	150	05.08-	114746	12	1.4
XC60 3.0 T6 4x4	[B6304T4]	03.10-	115966	14	150	03.10-	114746	12	1.4
XC60 3.0 T6 AWD	[B6304T4, B6304T3]					04.14-	114746	12	1.4
XC60 3.2 4x4	[B6324S5]	03.10-	115966	14	150	03.10-	114746	12	1.4
XC60 3.2 AWD	[B6324S]	07.09-	115966	14	150	07.09-	114746	12	1.4
XC70 2.0 Diesel	[D5204T2]	08.11-	115412	14	180	08.11-	113303	12	2.2
		08.11-	115434	14	150	08.11-	115588	12	2.2
	[D5204T3]	08.11-	115412	14	180	08.11-	113303	12	2.2
		08.11-	115434	14	150	08.11-	115588	12	2.2
XC70 2.0 Diesel AWD	[D5204T2]	08.11-	115412	14	180	08.11-	113303	12	2.2
		08.11-	115434	14	150	08.11-	115588	12	2.2
XC70 2.4 Turbo AWD	[B5244T3]	03.00- 09.02	115709	14	160	03.00- 09.02	115641	12	1.4
		09.00-	112072	14	120	09.00-	112818	12	1.4
		09.00-	113272	14	140				
		AT 09.00-	112078	14	120				
XC70 2.4 Diesel	[D5244T10]	12.09-	115412	14	180				
		12.09-	115434	14	150				
	[D5244T14]	01.10-	115412	14	180				
		01.10-	115434	14	150				
XC70 2.4 Diesel AWD	[D5244T]	09.02-	113272	14	140	09.02-	112434	12	2.0
		09.02-	115708	14	160 A49				
		09.02-	115709	14	160				
		09.02-	116352	14	160				
	[D5244T12]	10.13-	115412	14	180	10.13-	116483*	12	2.2
					10.13-	113303	12	2.2	
					10.13-	115588	12	2.2	
					10.13-	116051	12	2.2 A49	
	[D5244T16]	08.07-	115412	14	180	08.07-	116051	12	2.2 A49
		08.07-	115434	14	150	08.07-	116483*	12	2.2
					08.07-	113303	12	2.2	
					08.07-	115588	12	2.2	
	[D5244T17]	08.07-	115412	14	180	08.07-	116051	12	2.2 A49
		08.07-	115434	14	150	08.07-	116483*	12	2.2
					08.07-	113303	12	2.2	
					08.07-	115588	12	2.2	
	[D5244T5]	08.07-	115412	14	180	08.07-	116051	12	2.2 A49
		08.07-	115434	14	150	08.07-	116483*	12	2.2
					08.07-	113303	12	2.2	
					08.07-	115588	12	2.2	
XC70 2.4 Diesel D5 AWD	[D5244T11]	06.11-	115434	14	150	06.11-	116483*	12	2.2
						06.11-	113303	12	2.2
						06.11-	115588	12	2.2
						06.11-	116051	12	2.2 A49
	[D5244T15]	06.11-	115434	14	150	06.11-	113303	12	2.2
						06.11-	115588	12	2.2
					06.11-	116051	12	2.2 A49	
					06.11-	116483*	12	2.2	
	[D5244T4]	05.05-	113272	14	140	05.05-	112434	12	2.0
		12.05-	115708	14	160 A49				
		12.05-	116352	14	160				
		08.07-	115412	14	180				
		08.07-	115434	14	150				
XC70 2.5 T5	[B5254T12]	08.15-	115412	14	180	08.15-	116052	12	1.4
XC70 2.5 Turbo AWD	[B5254T2]	09.02-	113272	14	140 ▲	09.02-	112818	12	1.4
		09.02-	115708	14	160 A49				
		09.02-	115709	14	160				
		09.02-	116352	14	160				
XC70 3.0 AWD	[B6304T2]	01.08-	115966	14	150	01.08-	114746	12	1.4

STARTERS & ALTERNATORS



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XC70 3.0 T6 AWD	[B6304T4]	01.10-	115966	14 150		01.10-	114746	12 1.4
XC70 3.2	[B6324S5]	08.07-	115966	14 150		08.07-	114746	12 1.4
XC70 3.2 AWD	[B6324S]	08.07-	115966	14 150		08.07-	114746	12 1.4
	[B6324S5]	08.07-	115966	14 150		08.07-	114746	12 1.4
XC90 2.0 T6 AWD	[B4204T27]	09.14-	116290	14 210				
XC90 2.0 Diesel D4	[D4204T14]	06.15-	116290	14 210		06.15-	116265*	12 2.2
XC90 2.0 Diesel D4 AWD	[D4204T14]	06.15-	116290	14 210		06.15-	116265*	12 2.2
XC90 2.0 Diesel D5 AWD	[D4204T11]	09.14-	116290	14 210		09.14-	116265*	12 2.2
XC90 2.4 D5	[D5244T5]	04.09-	115708	14 160 A49				
		04.09-	116352	14 160				
XC90 2.4 Diesel	[D5244T1]	10.02-	113272	14 140		10.02-	113303	12 2.2
		10.02-	115708	14 160 A49				
		10.02-	115709	14 160				
		10.02-	116352	14 160				
		10.02-	113272	14 140		10.02-	113303	12 2.2
		10.02-	113754	14 120				
		10.02-	114312	14 140				
		10.02-	115708	14 160 A49				
		10.02-	115709	14 160				
		10.02-	116352	14 160				
XC90 2.4 Diesel D5	[D5244T18]	01.03-	115709	14 160				
		01.11-	114312	14 140		01.11-	113303	12 2.2
		01.11-	115708	14 160 A49				
		01.11-	116352	14 160				
[D5244T4]	05.06-	115708	14 160 A49					
	05.06-	116352	14 160					
XC90 2.4 Diesel D5 AWD	[D5244T5]	10.07-	114312	14 140		10.07-	113303	12 2.2
		10.07-	115708	14 160 A49				
		10.07-	116352	14 160				
XC90 2.5 AWD	[B5254T9]	10.12-	115412	14 180		10.12-	116052	12 1.4
XC90 2.5 Turbo	[B5254T2]	10.02-	115708	14 160 A49		10.02-	112818	12 1.4
		10.02-	115709	14 160		10.02-	115641	12 1.4
		10.02-	116352	14 160				
		AC 10.02-	113272	14 140				
XC90 3.0 Turbo	[B6294T]	10.02-	113272	14 140 ▲				
		10.02-	115709	14 160				
XC90 3.2	[B6324S]	05.06-	115966	14 150		05.06-	114746	12 1.4
	[B6324S5]	04.10-	115966	14 150		04.10-	114746	12 1.4
XC90 4.4	[B8444S]	01.05-	115753	14 180		01.05-	116443*	12 2.0
TRUCKS EU								
260 9.4	[D9B260]	06.06-	114212	28 110		06.06-	115877	24 5.5
		06.06-	115824	28 120		06.06-	115887	24 5.5
						06.06-	114193	24 5.5
						06.06-	115593	24 5.5
310 9.4	[D9B310]	06.06-	114212	28 110		06.06-	115877	24 5.5
		06.06-	115824	28 120		06.06-	115887	24 5.5
						06.06-	114193	24 5.5
						06.06-	115593	24 5.5
360 9.4	[D9B360]	06.06-	114212	28 110		06.06-	115593	24 5.5
		06.06-	115824	28 120		06.06-	115877	24 5.5
						06.06-	114193	24 5.5
						06.06-	115887	24 5.5
420 12.8	[D13C420]					05.12-	114872	24 5.5
						05.12-	115875	24 5.5
						05.12-	114872	24 5.5
						05.12-	115875	24 5.5
460 12.8	[D13C460]					05.12-	114872	24 5.5
						05.12-	115875	24 5.5
						05.12-	114872	24 5.5
						05.12-	115875	24 5.5
500 12.8	[D13C500]	09.05-	114078	28 120		09.05-	114872	24 5.5
		09.05-	114212	28 110		09.05-	115875	24 5.5
		09.05-	115494	28 120				
	[D13K500]	09.05-	114078	28 120		09.05-	114872	24 5.5
		09.05-	114212	28 110		09.05-	115875	24 5.5
		09.05-	115494	28 120				
540 12.8	[D13C540]					05.12-	114872	24 5.5
						05.12-	115875	24 5.5
						05.12-	114872	24 5.5
						05.12-	115875	24 5.5
8700 12.1	[DH12D340]	01.99-	114212	28 110		A10 01.99-	114872	24 5.5 MI
		01.99-	114880	28 110 MI		01.99-	115875	24 5.5 A49
		11.99-	115488	28 110 A49				
	[DH12D380]	01.99-	114212	28 110		A10 01.99-	114872	24 5.5 MI
		01.99-	114880	28 110 MI		01.99-	115875	24 5.5 A49
		11.99-	115488	28 110 A49				
	[DH12E340]	01.99-	114212	28 110		A10 01.99-	114872	24 5.5 MI
		01.99-	114880	28 110 MI		01.99-	115875	24 5.5 A49
		11.99-	115488	28 110 A49				
	[DH12E380]	01.99-	114212	28 110		A10 01.99-	114872	24 5.5 MI
		01.99-	114880	28 110 MI		01.99-	115875	24 5.5 A49
		11.99-	115488	28 110 A49				
9700 12.1	[DH12D340]	04.01-	111746	28 80		04.01-	113830	24 5.5
		04.01-	112343	28 140		A10 04.01-	114872	24 5.5 MI
		04.01-	114880	28 110 MI		04.01-	115875	24 5.5 A49
		04.01-	115488	28 110 A49		04.01-	115884	24 5.5 A49
		10.01-	114212	28 110				
	[DH12D380]	04.01-	114212	28 110		10.01-	113830	24 5.5
		10.01-	111746	28 80		A10 04.01-	114872	24 5.5 MI
		10.01-	112343	28 140		04.01-	115875	24 5.5 A49
		10.01-	114880	28 110 MI		10.01-	115884	24 5.5 A49
		10.01-	115488	28 110 A49				
[DH12D420]	04.01-	114212	28 110		A10 04.01-	114872	24 5.5 MI	
	10.01-	111746	28 80		04.01-	115875	24 5.5 A49	
	10.01-	112343	28 140					
	10.01-	114880	28 110 MI					
	10.01-	115488	28 110 A49					



9700 12.8	[DH12E460]	10.07-	114212	28 110					
	[D13C420]	01.09-	115824	28 120		01.09-	114872	24 5.5	
		01.09-	115924	14 180		01.09-	115875	24 5.5	
		01.09-	116098	28 150					
		01.09-	116433*	28 150					
	[D13C460]	01.09-	115824	28 120		01.09-	114872	24 5.5	
		01.09-	116098	28 150		01.09-	115875	24 5.5	
		01.09-	116433*	28 150					
9900 12.1	[DH12D420]	10.01-	114212	28 110		10.01-	115875	24 5.5	A49
					A10	10.01-	114872	24 5.5	MI
9900 12.8	[D13C420]	01.09-	115824	28 120		01.09-	114872	24 5.5	
		01.09-	116098	28 150		01.09-	115875	24 5.5	
		01.09-	116433*	28 150					
	[D13C460]	01.09-	115824	28 120		01.09-	114872	24 5.5	
		01.09-	116098	28 150		01.09-	115875	24 5.5	
		01.09-	116433*	28 150					
B 12 12.0	[TD122FH]	01.92- 10.95	111658	28 55	PR	01.92- 10.95	110207	24 5.4	
		01.92- 10.95	112345	28 55					
		01.92- 10.95	112784	28 45					
		01.92- 10.95	112803	28 80					
	[TD122FL]	01.92- 10.95	111658	28 55	PR	01.92- 10.95	110207	24 5.4	
		01.92- 10.95	112345	28 55					
		01.92- 10.95	112784	28 45					
		01.92- 10.95	112803	28 80					
	[TD123ES]	01.92- 10.95	111658	28 55	PR	01.92- 10.95	110207	24 5.4	
		01.92- 10.95	112345	28 55					
	01.92- 10.95	112803	28 80						
B 12 12.1	[D12A420]	10.95-	111631	28 55					
	[D12C420]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
		02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49
		02.06-	115488	28 110	A49				
	[D12D420]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
		02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49
		02.06-	115488	28 110	A49				
	[DH12D340]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
		02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49
		02.06-	115488	28 110	A49				
	[DH12E340]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
		02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49
		02.06-	115488	28 110	A49				
	[DH12E380]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
		02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49
		02.06-	115488	28 110	A49				
	[DH12E420]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
		02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49
		02.06-	115488	28 110	A49				
	[DH12E460]	02.06-	114212	28 110		A10 02.06-	114872	24 5.5	MI
	02.06-	114880	28 110	MI	02.06-	115875	24 5.5	A49	
	02.06-	115488	28 110	A49					
B 9 9.4	[D9B310]	09.05-	114212	28 110		09.05-	115877	24 5.5	
		09.05-	115824	28 120		09.05-	115887	24 5.5	
						09.05-	114193	24 5.5	
						09.05-	115593	24 5.5	
	[D9B360]	09.05-	114212	28 110		09.05-	115877	24 5.5	
	09.05-	115824	28 120		09.05-	115887	24 5.5		
					09.05-	114193	24 5.5		
					09.05-	115593	24 5.5		
B10M 9.6	[THD100DA]						110208	24 5.4	
	[THD100DC]						110208	24 5.4	
	[THD100DD]						110208	24 5.4	
	[THD100EA]						110208	24 5.4	
F 10/260 9.6	[TD100G]	02.82- 06.85	110112	28 40		02.82- 06.85	110207	24 5.4	
		02.82- 06.85	111528	28 55	DR				
		02.82- 06.85	112742	14 90					
		11.83- 06.85	113477	28 55	PR				
	[TD100GA]	02.82- 06.85	110112	28 40					
		02.82- 06.85	111528	28 55	DR				
		02.82- 06.85	112742	14 90					
		11.83- 06.85	113477	28 55	PR				
	[TD101G]	02.82- 06.85	110112	28 40		02.82- 06.85	110207	24 5.4	
		02.82- 06.85	111528	28 55	DR				
	01.83- 06.85	113477	28 55	PR					
F 10/280 9.6	[TD100B]	08.77- 02.82	110112	28 40		08.77- 02.82	110205	24 6.5	
F 10/300 9.6	[TD101F]	10.83- 12.86	110112	28 40		10.83- 05.88	110207	24 5.4	
		10.83- 12.86	111528	28 55	DR				
		11.83- 01.86	113477	28 55	PR				
		02.86- 05.88	111658	28 55	PR				
		02.86- 05.88	112345	28 55	BO				
		02.86- 05.88	112784	28 45					
	[TD101FA]	10.83- 01.86	110112	28 40		10.83- 05.88	110207	24 5.4	
		10.83- 12.86	111528	28 55	DR				
		11.83- 01.86	113477	28 55	PR				
		02.86- 05.88	111658	28 55	PR				
	02.86- 05.88	112345	28 55	BO					
	02.86- 05.88	112784	28 45						
F 10/320 9.6	[TD102F]	10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24 5.4	
		10.87- 12.94	111658	28 55	PR				
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
	[TD102FBO]	10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24 5.4	
		10.87- 12.94	111658	28 55	PR				
		10.87- 12.94	112345	28 55	BO				
		10.87- 12.94	112784	28 45					
	[TD102FDO]	10.87- 12.94	111528	28 55	DR	10.87- 12.94	110207	24 5.4	
		10.87- 12.94	111658	28 55	PR				
	10.87- 12.94	112345	28 55	BO					
	10.87- 12.94	112784	28 45						



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	[TD102FF]	10.87- 12.94 10.87- 12.94 10.87- 12.94 10.87- 12.94	111528 111658 112345 112784	28 55 28 55 28 55 28 45	DR	10.87- 12.94	110207	24 5.4
	[TD102FL]	10.87- 12.94 10.87- 12.94 10.87- 12.94 10.87- 12.94	111528 111658 112345 112784	28 55 28 55 28 55 28 45	DR PR BO	10.87- 12.94	110207	24 5.4
	[TD102FM]	10.87- 12.94 10.87- 12.94 10.87- 12.94 10.87- 12.94	111528 111658 112345 112784	28 55 28 55 28 55 28 45	DR	10.87- 12.94	110207	24 5.4
	[TD103ES]	10.87- 12.94 08.91- 12.94 08.91- 12.94 08.91- 12.94	111528 111658 112345 112784	28 55 28 55 28 55 28 45	DR	10.87- 12.94	110207	24 5.4
F 12/320 12.0	[TD120G]	08.77- 10.84 08.77- 12.86 11.83- 10.84	110112 111528 113477	28 40 28 55 28 55	DR PR	08.77- 12.86	110205	24 6.5
	[TD121G]	08.77- 12.87 10.83- 01.86 11.83- 01.86 02.86- 05.88 02.86- 05.88 02.86- 05.88	111528 110112 113477 111658 112345 112784	28 55 28 40 28 55 28 55 28 55 28 45	DR PR PR BO	02.87- 05.88 08.77- 12.87	110207 110205	24 5.4 24 6.5
	[TD121GD]	08.77- 12.86 10.83- 01.86 11.83- 12.94 02.86- 12.94 02.86- 12.94 02.86- 12.94 05.88- 12.94	111528 110112 113477 111658 112345 112784 112803	28 55 28 40 28 55 28 55 28 55 28 45 28 80	DR PR PR BO	02.87- 12.94 08.77- 01.87	110207 110205	24 5.4 24 6.5
F 12/330 12.0	[TD120G]	08.77- 10.84 08.77- 12.86	110112 111528	28 40 28 55	DR	08.77- 12.86	110205	24 6.5
	[TD121G]	08.77- 12.86 09.80- 01.86 02.86- 05.88 02.86- 05.88	111528 110112 112345 112784	28 55 28 40 28 55 28 45	DR	08.77- 01.87 02.87- 05.88	110205 110207	24 6.5 24 5.4
	[TD121GD]	08.77- 12.86 10.83- 01.86 02.86- 12.94 02.86- 12.94 02.86- 12.94 05.88- 12.94	111528 110112 112345 111658 112784 112803	28 55 28 40 28 55 28 55 28 45 28 80	DR PR PR BO	08.77- 01.87 02.87- 12.94	110205 110207	24 6.5 24 5.4
F 12/360 12.0	[TD122F]	10.87- 12.94 10.87- 12.94 10.87- 12.94 01.88- 12.94 01.88- 12.94	111658 112345 112784 111528 112803	28 55 28 55 28 45 28 55 28 80	PR BO	10.87- 12.94	110207	24 5.4
	[TD122FH]	01.88- 12.94 01.90- 12.94 01.90- 12.94 01.90- 12.94 01.90- 12.94	111528 111658 112345 112784 112803	28 55 28 55 28 55 28 45 28 80	DR PR BO	01.90- 12.94	110207	24 5.4
F 12/370 12.0	[TD121F]	08.77- 12.87 10.83- 01.86 11.83- 01.86 02.86- 05.88 02.86- 05.88 02.86- 05.88	111528 110112 113477 111658 112345 112784	28 55 28 40 28 55 28 55 28 55 28 45	DR PR PR BO	02.87- 05.88 10.83- 01.87	110207 110205	24 5.4 24 6.5
F 12/400 12.0	[TD122FL]	01.88- 12.94 01.88- 12.94 01.88- 12.94 01.88- 12.94 01.88- 12.94	111528 111658 112345 112784 112803	28 55 28 55 28 55 28 45 28 80	DR PR BO	10.87- 12.94	110207	24 5.4
	[TD122FS]	10.87- 12.94 10.87- 12.94 10.87- 12.94 10.87- 12.94 01.88- 12.94	111658 112345 112784 112803 111528	28 55 28 55 28 45 28 80 28 55	PR BO	10.87- 12.94	110207	24 5.4
	[TD123ES]	01.88- 12.94 01.88- 12.94 01.88- 12.94 01.88- 12.94	111528 111658 112345 112803	28 55 28 55 28 55 28 80	DR PR BO	01.88- 12.94	110207	24 5.4
F 12/410 12.0	[TD122FL]	01.88- 12.94 01.88- 09.01 10.89- 09.01 10.89- 09.01 10.89- 09.01	111528 111658 112345 112784 112803	28 55 28 55 28 55 28 45 28 80	DR PR	01.88- 12.94	110207	24 5.4
	[TD122FS]	11.87- 09.01 11.87- 09.01 11.87- 09.01 11.87- 09.01 01.88- 12.94	111658 112345 112784 112803 111528	28 55 28 55 28 45 28 80 28 55	PR	11.87- 12.94	110207	24 5.4
	[TD123ES]	01.88- 12.94 01.92- 12.94 01.92- 12.94 01.92- 12.94 01.92- 12.94	111528 111658 112345 112784 112803	28 55 28 55 28 55 28 45 28 80	DR	01.88- 12.94	110207	24 5.4
F 16/470 16.1	[TD162F]	01.88- 12.89 01.88- 12.94 01.88- 12.94 01.88- 12.94 01.88- 12.94	111528 111658 112345 112784 112803	28 55 28 55 28 55 28 45 28 80	DR PR BO	01.88- 12.94	110999	24



	[TD162FJ]	01.88-12.89	111528	28 55	DR	01.88-12.94	110999	24	
		01.88-12.94	111658	28 55	PR				
		01.88-12.94	112345	28 55	BO				
		01.88-12.94	112784	28 45	BO				
		01.88-12.94	112803	28 80					
	[TD162FL]	01.88-12.89	111528	28 55	DR	01.88-12.94	110999	24	
		01.88-12.94	111658	28 55	PR				
		01.88-12.94	112345	28 55	BO				
		01.88-12.94	112784	28 45	BO				
		01.88-12.94	112803	28 80					
	[TD162FS]	01.88-12.89	111528	28 55	DR	01.88-12.94	110999	24	
		01.88-12.94	111658	28 55	PR				
		01.88-12.94	112345	28 55	BO				
		01.88-12.94	112784	28 45	BO				
		01.88-12.94	112803	28 80					
F 16/485 16.1	[TD162F]	10.87-12.94	111658	28 55	PR	10.87-12.94	110999	24	
		10.87-12.94	112345	28 55	BO				
		10.87-12.94	112784	28 45					
		10.87-12.94	112803	28 80					
		01.90-12.92	111528	28 55	DR				
	[TD162FJ]	10.87-12.94	111658	28 55	PR	10.87-12.94	110999	24	
		10.87-12.94	112345	28 55	BO				
		10.87-12.94	112784	28 45					
		10.87-12.94	112803	28 80					
		01.90-12.92	111528	28 55	DR				
	[TD162FL]	10.87-12.94	111658	28 55	PR	10.87-12.94	110999	24	
		10.87-12.94	112345	28 55	BO				
		10.87-12.94	112784	28 45					
		10.87-12.94	112803	28 80					
		01.90-12.92	111528	28 55	DR				
	[TD162FS]	10.87-12.94	111658	28 55	PR	10.87-12.94	110999	24	
		10.87-12.94	112345	28 55	BO				
		10.87-12.94	112784	28 45					
		10.87-12.94	112803	28 80					
		01.90-12.92	111528	28 55	DR				
F 16/500 16.1	[TD163ES]	01.92-12.94	112803	28 80		01.92-12.94	110999	24	
F 406 3.9	[D39B]	09.75-02.86	112742	14 90		09.75-02.86	111793	12 3.0	
F 408 3.6	[TD40A]	04.78-02.86	112742	14 90		04.78-02.86	111047	12 3.1	
F 609 5.5	[D60A]					03.75-01.80	110519	12 3.0	
F 610 5.5	[TD60C]	02.80-10.86	111528	28 55	DR	11.80-02.86	111638	24 4.0	
		02.80-10.80	112742	14 90		02.80-10.86	115623*	24 4.0	BO
		11.80-01.86	110112	28 40		02.80-10.86	110519	12 3.0	
		11.80-01.86	113477	28 55	PR	02.80-10.86	114047	24 4.0	
		02.86-10.86	111658	28 55	PR				
		02.86-10.86	112345	28 55	BO				
		02.86-10.86	112784	28 45					
F 611 5.5	[D60A]					09.75-01.80	110519	12 3.0	
	[TD60C]	02.80-02.86	111528	28 55	DR	11.80-02.86	111638	24 4.0	
		02.80-10.80	112742	14 90		02.80-10.80	110519	12 3.0	
		11.80-02.86	110112	28 40		02.80-02.86	115623*	24 4.0	BO
		11.80-02.86	112345	28 55		02.80-02.86	114047	24 4.0	
		11.80-02.86	113477	28 55	PR				
		01.86-02.86	111658	28 55					
		01.86-02.86	112784	28 45					
F 612 5.5	[TD60C]	11.80-02.86	112345	28 55		04.83-02.86	115623*	24 4.0	BO
		04.83-02.86	110112	28 40		04.83-02.86	111638	24 4.0	
		04.83-02.86	111528	28 55	DR	04.83-02.86	114047	24 4.0	
		01.86-02.86	111658	28 55					
F 613 5.5	[TD60A]	09.75-02.86	111528	28 55	DR	09.75-11.78	110519	12 3.0	
		11.80-	111658	28 55	PR	09.75-02.86	111638	24 4.0	
		11.80-	112345	28 55					
		02.86-	112784	28 45					
	[TD60B]	09.75-02.86	111528	28 55	DR	03.79-02.86	111638	24 4.0	
		03.80-10.80	112742	14 90		12.78-02.86	110519	12 3.0	
		11.80-02.86	110112	28 40		09.75-02.86	115623*	24 4.0	BO
		11.80-02.86	112345	28 55		09.75-02.86	114047	24 4.0	
		11.80-02.86	113477	28 55	PR				
		01.86-02.86	111658	28 55					
		01.86-02.86	112784	28 45					
F 614 5.5	[TD60A]	09.75-02.86	111528	28 55	DR	09.75-02.86	111638	24 4.0	
		11.80-	111658	28 55	PR				
		11.80-	112345	28 55					
		02.86-	112784	28 45					
	[TD60B]	09.75-02.86	111528	28 55	DR	12.78-02.86	110519	12 3.0	
		11.80-	111658	28 55	PR	09.75-02.86	111638	24 4.0	
		11.80-	112345	28 55		09.75-02.86	114047	24 4.0	
		02.86-	112784	28 45		09.75-02.86	115623*	24 4.0	BO
F 615 S 5.5	[TD60B]	12.78-10.81	112742	14 90		12.78-10.81	110519	12 3.0	
		03.79-01.86	111528	28 55					
		01.86-02.86	111658	28 55					
		01.86-02.86	112784	28 45					
F 616 5.5	[TD60B]	02.81-02.86	110112	28 40		02.81-02.86	111638	24 4.0	
		02.81-02.86	111528	28 55	DR	02.81-02.86	114047	24 4.0	
		02.81-02.86	113477	28 55	PR	02.81-02.86	115623*	24 4.0	BO
F 617 S 5.5	[TD60B]	12.78-02.86	112742	14 90		12.78-02.86	110519	12 3.0	
		03.79-01.86	111528	28 55					
		09.81-02.86	112345	28 55					
		01.86-02.86	111658	28 55					
		01.86-02.86	112784	28 45					
F 7 6.7	[TD70F]	08.78-01.86	110112	28 40		08.78-05.88	111638	24 4.0	
		08.78-12.85	111528	28 55	DR	08.78-12.85	115623*	24 4.0	BO
		08.78-05.88	112742	14 90		08.78-12.85	114047	24 4.0	
		08.78-01.86	113477	28 55	PR				
		02.86-05.88	111658	28 55	PR				
		02.86-05.88	112345	28 55	BO				
		02.86-05.88	112784	28 45					



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	[TD70FS]	11.83- 12.85	112345	28 55	08.78- 12.85	115623*	24 4.0	BO
					08.78- 12.85	111638	24 4.0	
					08.78- 12.85	114047	24 4.0	
	[TD70G]	11.83- 12.85	112345	28 55	08.78- 12.85	114047	24 4.0	
					08.78- 12.85	111638	24 4.0	
					08.78- 12.85	115623*	24 4.0	BO
F 88/260 9.6	[TD100A]	08.65- 06.77	112742	14 90				
F 89 12.0	[TD120A]	10.70- 06.77	112742	14 90				
F 89/330 12.0	[TD120A]	10.70- 06.77	112742	14 90				
FE 240-18 7.1	[D7E240]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.06-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.06-	115889	24 5.0	A49
	[D7F240]	05.12-	114303	28 100	05.06-	115889	24 5.0	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115894	24 5.5	A49
FE 240-22 7.1	[D7E240]				05.06-	114323	24 5.0	
					05.06-	115889	24 5.0	A49
FE 240-26 7.1	[D7E240]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.06-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.06- 12.06	115889	24 5.0	A49
FE 260-18 7.1	[D7F260]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 260-26 7.1	[D7F260]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 280-18 7.1	[D7E280]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 280-26 7.1	[D7E280]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 300-18 7.1	[D7F300]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 300-26 7.1	[D7F300]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 320-18 7.1	[D7E320]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 320-26 7.1	[D7E320]	05.12-	114303	28 100	05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 340-18 7.1	[D7F340]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 340-18 HYBRID 7.1		05.12-	114303	28 100	05.12-	115894	24 5.5	
					05.12-	114733	24 5.5	
					05.12-	114323	24 5.0	
FE 340-26 7.1	[D7F340]	05.12-	114303	28 100	05.12-	115894	24 5.5	A49
					05.12-	114323	24 5.0	
					05.12-	114733	24 5.5	
					05.12-	115889	24 5.0	A49
FE 340-26 HYBRID 7.1		05.12-	114303	28 100	05.12-	115894	24 5.5	
					05.12-	114733	24 5.5	
					05.12-	114323	24 5.0	
FH 12/340 12.1	[D12A340]	08.93-	111631	28 55	08.93-	112116	24 6.6	
		08.93-	111746	28 80				
	[D12C340]	08.93-	111631	28 55	08.93-	112116	24 6.6	
		08.98-	111746	28 80				
	[D12D340]	12.01- 08.06	115488	28 110 A49	08.93-	112116	24 6.6	
		08.93-	111631	28 55	08.93-	113830	24 5.5	
		08.93-	114212	28 110	08.93-	115875	24 5.5	A49
		08.93-	114880	28 110 MI	08.93-	115884	24 5.5	A49
	Chas. -A557642, B330019	12.01-	111746	28 80	A10 08.93-	114872	24 5.5	MI
FH 12/380 12.1	[D12A380]	12.01- 08.06	114212	28 110	12.01- 08.06	113830	24 5.5	
		08.93- 08.06	111631	28 55	08.93- 08.06	112116	24 6.6	
		08.93- 08.06	111746	28 80	12.01- 08.06	115884	24 5.5	
	[D12C380]	12.01- 08.06	114212	28 110	12.01- 08.06	113830	24 5.5	
		08.93- 08.06	111631	28 55	08.93- 08.06	112116	24 6.6	
		03.98- 08.06	111746	28 80	12.01- 08.06	115884	24 5.5	
	[D12D380]	12.01- 08.06	115488	28 110 A49	08.93- 08.06	115884	24 5.5	A49
		08.93- 08.06	111631	28 55	08.93- 08.06	112116	24 6.6	
		08.93- 08.06	114212	28 110	08.93-	115875	24 5.5	A49
		08.93-	114880	28 110 MI	08.93- 08.06	113830	24 5.5	
	Chas. -A557642, B330019	12.01-	111746	28 80	A10 08.93-	114872	24 5.5	MI
FH 12/420 12.1	[D12A340]	08.93-	111631	28 55	08.93-	112116	24 6.6	
		08.93-	111746	28 80				
	[D12A420]	10.03- 08.06	114212	28 110	08.93- 08.06	112116	24 6.6	
		08.93- 08.06	111631	28 55	10.03- 08.06	113830	24 5.5	
		08.93- 08.06	111746	28 80	10.03- 08.06	115884	24 5.5	



	[D12C420]	10.03- 08.06	114212	28 110		08.93- 08.06	112116	24 6.6
		08.93- 08.06	111631	28 55		10.03- 08.06	113830	24 5.5
		08.98- 08.06	111746	28 80		10.03- 08.06	115884	24 5.5
	[D12D340]	12.01-	111631	28 55		12.01-	112116	24 6.6
		12.01- 08.06	115488	28 110 A49		08.93-	115884	24 5.5 A49
		08.93-	114212	28 110	A10	08.93-	114872	24 5.5 MI
		08.93-	114880	28 110 MI		08.93-	115875	24 5.5 A49
	Chas. -A557642,B330019	12.01-	111746	28 80		08.93-	113830	24 5.5
	[D12D420]	12.01- 08.06	115488	28 110 A49		08.93- 08.06	115884	24 5.5 A49
		08.93- 08.06	111631	28 55		08.93- 08.06	112116	24 6.6
		08.93- 08.06	114212	28 110		08.93-	115875	24 5.5 A49
		08.93-	114880	28 110 MI		08.93- 08.06	113830	24 5.5
		05.99- 08.06	111746	28 80	A10	08.93-	114872	24 5.5 MI
	Chas. -A557642,B330019	12.01-	111746	28 80				
FH 12/460 12.1	[D12C460]	10.03- 08.06	114212	28 110		08.98- 08.06	112116	24 6.6
		08.98- 08.06	111631	28 55		10.03- 08.06	113830	24 5.5
		08.98- 08.06	111746	28 80		10.03- 08.06	115884	24 5.5
	[D12D460]	12.01- 08.06	115488	28 110 A49		08.98- 08.06	115884	24 5.5 A49
		08.98- 08.06	111631	28 55	A10	08.98-	114872	24 5.5 MI
		08.98- 08.06	111746	28 80		08.98- 08.06	112116	24 6.6
		08.98- 08.06	114212	28 110		08.98- 08.06	113830	24 5.5
		08.98-	114880	28 110 MI		08.98-	115875	24 5.5 A49
	Chas. -A557642,B330019	12.01-	111746	28 80				
FH 12/500 12.1	[D12D500]	09.01-	111631	28 55		09.01-	113830	24 5.5
		09.01-	111746	28 80	A10	09.01-	114872	24 5.5 MI
		09.01-	114212	28 110		09.01-	115875	24 5.5 A49
		09.01-	114880	28 110 MI		09.01-	115884	24 5.5 A49
		09.01- 08.06	115488	28 110 A49		09.01-	112116	24 6.6
FH 16/470 16.1	[D16A470]	08.93- 12.99	111631	28 55				
		08.93- 12.99	111746	28 80				
FH 16/520 16.1	[D16A520]	08.93- 12.02	111631	28 55				
		08.93- 12.02	111746	28 80				
	[D16B520]	08.93- 12.02	111631	28 55				
		08.93- 12.02	111746	28 80				
FH 16/540 16.1	[D16C550]					08.07-	114310	24 7.0
						08.07-	115888	24 7.0 A49
	[D16E540]	01.09-	116098	28 150 A49				
		01.09-	116433*	28 150				
	[D16G540]	08.07-	111631	28 55		08.07-	114310	24 7.0
		08.07-	111746	28 80		08.07-	115888	24 7.0 A49
		08.07-	114212	28 110				
		08.07-	116098	28 150 A49				
		08.07-	116433*	28 150				
		05.12-	114078	28 120				
FH 16/540 FH 16/550 16.1	[D16C550]	01.03-	111631	28 55		01.03-	114310	24 7.0
		01.03-	111746	28 80		01.03-	115888	24 7.0 A49
		01.03-	114212	28 110				
		01.03-	115824	28 120				
	[D16E540]	01.03-	111631	28 55		01.03-	114310	24 7.0
		01.03-	111746	28 80		01.03-	115888	24 7.0 A49
		01.03-	114212	28 110				
		01.03-	115824	28 120				
	[D16G540]	01.03-	111631	28 55		01.03-	114310	24 7.0
		01.03-	111746	28 80		01.03-	115888	24 7.0 A49
		01.03-	114212	28 110				
		01.03-	115824	28 120				
FH 16/550 16.1	[D16C550]	01.03-	111631	28 55		01.03-	114310	24 7.0
		01.03-	111746	28 80		01.03-	115888	24 7.0 A49
		01.03-	114078	28 120				
		01.03-	114212	28 110				
		01.03-	115824	28 120				
		01.03-	116098	28 150 A49				
		01.03-	116433*	28 150				
	[D16E540]	01.03-	111631	28 55		01.03-	114310	24 7.0
		01.03-	114078	28 120		01.03-	115888	24 7.0 A49
		01.03-	114212	28 110				
	[D16G540]	01.03-	111631	28 55		01.03-	115888	24 7.0 A49
		01.03-	114078	28 120		01.03-	114310	24 7.0
		01.03-	114212	28 110				
		08.07-	111746	28 80				
FH 16/580 16.1	[D16E580]	01.09-	111631	28 55		09.06-	115888	24 7.0 A49
		01.09-	111746	28 80		09.06-	114310	24 7.0
		01.09-	114078	28 120				
		01.09-	114212	28 110				
		01.09-	115494	28 120 A49				
FH 16/600 16.1	[D16G600]	09.06-	111631	28 55		09.06-	114310	24 7.0
		09.06-	111746	28 80		09.06-	115888	24 7.0 A49
		09.06-	114212	28 110				
		05.12-	114078	28 120				
FH 16/610 16.1	[D16C610]	01.03-	114212	28 110		01.03-	115888	24 7.0 A49
						01.03-	114310	24 7.0
FH 16/660 16.1	[D16E660]	01.07-	111631	28 55		09.06-	114310	24 7.0
						09.06-	115888	24 7.0 A49
FH 16/700 16.1	[D16G700]	09.06-	111631	28 55		09.06-	114310	24 7.0
		09.06-	111746	28 80		09.06-	115888	24 7.0 A49
		09.06-	114212	28 110				
		05.12-	114078	28 120				
FH 16/750 16.1	[D16G750]	05.12-	111631	28 55		05.12-	114872	24 5.5
		05.12-	111746	28 80		05.12-	115875	24 5.5
		05.12-	114078	28 120		05.12-	115888	24 7.0 A49
		05.12-	114212	28 110		05.12-	114310	24 7.0
		05.12-	115824	28 120				
		11.13-	115824	28 120		11.13-	115875	24 5.5
		11.13-	114212	28 110		11.13-	114872	24 5.5
		11.13-	111746	28 80				
		11.13-	111631	28 55				

STARTERS & ALTERNATORS



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FH 400 12.8	[D13A400]	09.05-	114212	28 110		09.05-	113830	24 5.5	
		09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49	
		09.05-	115577	28 80		09.05-	115884	24 5.5 A49	
	[D13B400]	09.05-	114212	28 110		09.05-	113830	24 5.5	
		09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI	
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49	
		09.05-	115577	28 80		09.05-	115884	24 5.5 A49	
FH 420 12.8	[D13C420]	01.09-	114212	28 110		01.09-	113830	24 5.5	
		01.09-	114880	28 110 MI		01.09-	115884	24 5.5 A49	
		01.09-	115488	28 110 A49	A10	01.09-	114872	24 5.5 MI	
		01.09-	115577	28 80		01.09-	115875	24 5.5 A49	
	[D13K420]					05.12-	114872	24 5.5	
						05.12-	115875	24 5.5 A49	
FH 440 12.8	[D13A440]	09.05- 12.11	114212	28 110		09.05-	113830	24 5.5	
		09.05-	114880	28 110 MI		09.05-	115884	24 5.5 A49	
		09.05- 12.11	115488	28 110 A49	A10	09.05- 12.11	114872	24 5.5 MI	
		09.05-	115577	28 80		09.05- 12.11	115875	24 5.5 A49	
		09.06- 12.11	114078	28 120					
		09.06- 12.11	115494	28 120 A49					
		[D13B440]	09.05- 12.11	114212	28 110		09.05-	113830	24 5.5
			09.05-	114880	28 110 MI		09.05-	115884	24 5.5 A49
	09.05- 12.11		115488	28 110 A49	A10	09.05- 12.11	114872	24 5.5 MI	
	09.05-		115577	28 80		09.05- 12.11	115875	24 5.5 A49	
	09.06- 12.11		114078	28 120					
	09.06- 12.11		115494	28 120 A49					
	[D13H440]		09.05-	114212	28 110		09.05-	113830	24 5.5
			09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49	
		09.05-	115577	28 80		09.05-	115884	24 5.5 A49	
FH 460 12.8	[D13C460]	01.09-	114078	28 120		01.09-	113830	24 5.5	
		01.09-	114212	28 110		01.09-	115884	24 5.5 A49	
		01.09-	114880	28 110 MI	A10	01.09-	114872	24 5.5 MI	
		01.09-	115488	28 110 A49		01.09-	115875	24 5.5 A49	
		01.09-	115494	28 120 A49					
	[D13K460]	01.09-	115577	28 80		05.12-	114872	24 5.5	
						05.12-	115875	24 5.5 A49	
FH 480 12.8	[D13A480]	09.05- 12.11	114078	28 120	A10	09.05- 12.11	114872	24 5.5 MI	
		09.05- 12.11	114212	28 110		09.05- 12.11	115875	24 5.5 A49	
		09.05-	114880	28 110 MI		09.05-	113830	24 5.5	
		09.05- 12.11	115488	28 110 A49		09.05-	115884	24 5.5 A49	
	[D13B500]	09.07-	114078	28 120		09.07-	113830	24 5.5	
		09.07-	114212	28 110		09.07-	115884	24 5.5 A49	
		09.07-	114880	28 110 MI		01.09-	112823	24 5.5	
		09.07-	115488	28 110 A49		01.09-	115872	24 5.5 A49	
[D13C500]	09.07-	115494	28 120 A49	A10	09.07-	114872	24 5.5 MI		
	09.07-	115577	28 80		09.07-	115875	24 5.5 A49		
	09.07-	114078	28 120		09.07-	113830	24 5.5		
	09.07-	114212	28 110		09.07-	115884	24 5.5 A49		
	09.07-	114880	28 110 MI	A10	09.07-	114872	24 5.5 MI		
	09.07-	115488	28 110 A49		09.07-	115875	24 5.5 A49		
	09.07-	115494	28 120 A49						
	09.07-	115577	28 80		05.12-	114872	24 5.5		
				05.12-	115875	24 5.5 A49			
FH 520 12.8	[D13A520]	09.05-	114078	28 120		09.05-	113830	24 5.5	
		09.05-	114212	28 110	A10	09.05-	114872	24 5.5 MI	
		09.05-	114880	28 110 MI		09.05-	115875	24 5.5 A49	
		09.05-	115488	28 110 A49		09.05-	115884	24 5.5 A49	
		09.05-	115494	28 120 A49					
	[D13B500]	09.05-	115577	28 80					
FH 540 12.8	[D13C540]	01.09-	114078	28 120		01.09-	113830	24 5.5	
		01.09-	114212	28 110		01.09-	115884	24 5.5 A49	
		01.09-	114880	28 110 MI	A10	01.09-	114872	24 5.5 MI	
		01.09-	115488	28 110 A49		01.09-	115875	24 5.5 A49	
	[D13K540]	01.09-	115494	28 120 A49					
		01.09-	115577	28 80		05.12-	114872	24 5.5	
						05.12-	115875	24 5.5 A49	
FH 550 16.1	[D16C550]	09.05-	116098	28 150 A49		09.05-	114310	24 7.0	
		09.05-	116433*	28 150		09.05-	115888	24 7.0 A49	
FH 610 16.1	[D16C610]					09.05-	114310	24 7.0	
						09.05-	115888	24 7.0 A49	
FH II 500 12.8	[D13C500]					05.12-	114872	24 5.5	
						05.12-	115875	24 5.5	
	[D13K500]					05.12-	114872	24 5.5	
					05.12-	115875	24 5.5		
FL 10/280 9.6	[TD101G]	09.85- 01.86	110112	28 40		09.85- 12.93	110207	24 5.4	
		09.85- 12.90	111528	28 55 DR					
		09.85- 01.86	113477	28 55 PR					
		02.86- 12.93	111658	28 55 PR					
		02.86- 12.93	112345	28 55 BO					
		02.86- 12.93	112784	28 45					
FL 10/320 9.6	[D10A320]	02.95-	111631	28 55		12.95-	110207	24 5.4	
		12.95-	111746	28 80					
FL 10/320 9.6	[D10A320]	02.95-	111631	28 55		12.95-	110207	24 5.4	
		12.95-	111746	28 80					
FL 10/360 9.6	[D10A360]	02.95-	111631	28 55		12.95-	110207	24 5.4	
		12.95-	111746	28 80					
FL 10H/320 9.6	[D10A320]	02.95-	111631	28 55		12.95-	110207	24 5.4	
		12.95-	111746	28 80					
FL 10H/360 9.6	[D10A360]	02.95-	111631	28 55		12.95-	110207	24 5.4	
		12.95-	111746	28 80					



FL 12/380 12.1	[D12A380]	09.95-	111631	28 55	09.95-	112116	24 6.6	
		09.95-	111746	28 80				
FL 12/420 12.1	[D12A420]	09.95-	111631	28 55	09.95-	112116	24 6.6	
		09.95-	111746	28 80				
FL 12H/380 12.1	[D12A380]	09.95-	111631	28 55	09.95-	112116	24 6.6	
		09.95-	111746	28 80				
FL 12H/420 12.1	[D12A420]	09.95-	111631	28 55	09.95-	112116	24 6.6	
		09.95-	111746	28 80				
FL 180 5.5	[D6B]	05.00-	111658	28 55 PR	03.00-	114047	24 4.0	
		05.00-	112345	28 55 BO				
		05.00-	112784	28 45				
		05.00-	112803	28 80				
FL 220 5.5	[20NE]	05.00-	111658	28 55 PR	03.00-	115623*	24 4.0 BO	
		05.00-	112345	28 55 BO				
		05.00-	112784	28 45				
		05.00-	112803	28 80				
	[D6B]	05.00-	111658	28 55 PR	05.00-	111638	24 4.0	
		05.00-	112345	28 55 BO				
		05.00-	112784	28 45				
		05.00-	112803	28 80				
	FL 240-12 7.1	[D7E240]				05.06-	114323	24 5.0
						05.06-	115889	24 5.0 A49
	FL 240-14 7.1	[D7E240]				06.09-	114323	24 5.0
						06.09-	115889	24 5.0 A49
FL 240-15 7.1	[D7E240]				05.06-	114323	24 5.0	
					05.06-	115889	24 5.0 A49	
FL 240-16 7.1	[D7E240]				05.06-	114323	24 5.0	
					05.06-	115889	24 5.0 A49	
FL 240-18 7.1	[D7E240]				05.06-	114323	24 5.0	
					05.06-	115889	24 5.0 A49	
FL 250 5.5	[D6B]	05.00-	111658	28 55 PR	05.00-	111638	24 4.0	
		05.00-	112345	28 55 BO				
		05.00-	112784	28 45				
		05.00-	112803	28 80				
FL 408 3.6	[TD41G]	02.86- 10.89	111528	28 55 DR				
		02.86- 10.89	111658	28 55 PR				
		02.86- 10.89	112345	28 55 BO				
		02.86- 10.89	112784	28 45				
FL 608 5.5	[D6A180]	01.91-	111658	28 55 PR	01.91-	111638	24 4.0	
		01.91-	112345	28 55 BO				
		01.91-	112784	28 45				
		01.91-	112803	28 80				
	[D6A210]	01.93- 12.99	111528	28 55 DR	02.95-	111638	24 4.0	
		02.95-	111658	28 55 PR				
		02.95-	112345	28 55 BO				
		02.95-	112784	28 45				
	[TD61G]	03.87-	111658	28 55 PR	03.87-	111638	24 4.0	
		03.87-	112345	28 55 BO				
		03.87-	112784	28 45				
		03.87-	112803	28 80				
	[TD61GA]	09.86-	111658	28 55 PR	09.86-	111638	24 4.0	
		09.86-	112345	28 55 BO				
		09.86-	112784	28 45				
		09.86-	112803	28 80				
	[TD63E]	01.91-	111658	28 55 PR	01.91-	111638	24 4.0	
		01.91-	112345	28 55 BO				
		01.91-	112784	28 45				
		01.91-	112803	28 80				
	[TD63ES]	01.93- 12.99	111528	28 55 DR	01.93-	111638	24 4.0	
		01.93-	111658	28 55 PR				
		01.93-	112345	28 55 BO				
		01.93-	112784	28 45				
FL 610 5.5	[TD61G]	09.85- 11.94	111658	28 55 PR	09.85- 11.94	111638	24 4.0	
		09.85- 11.94	112345	28 55				
		09.85- 11.94	112784	28 45				
		09.85- 11.94	112803	28 80				
FL 611 5.5	[D6A180]	09.85- 03.00	111528	28 55 DR	02.95-	111638	24 4.0	
		02.95-	111658	28 55 PR				
		02.95-	112345	28 55 BO				
		02.95-	112784	28 45				
	[D6A210]	12.94-	111658	28 55 PR	12.94-	111638	24 4.0	
		12.94-	112345	28 55 BO				
		12.94-	112784	28 45				
		12.94-	112803	28 80				
	[TD61G]	09.85- 01.86	110112	28 40	09.85- 11.94	114047	24 4.0	
		09.85- 11.94	111528	28 55 DR				
		09.85- 12.94	112803	28 80				
		09.85- 01.86	113477	28 55 PR				
	[TD61GA]	02.86- 12.94	111658	28 55 PR	09.85- 11.94	115623*	24 4.0 BO	
		02.86- 12.94	112345	28 55 BO				
		02.86- 12.94	112784	28 45				
		09.85- 11.94	111528	28 55 DR				
	[TD61GB]	09.86- 12.94	111658	28 55 PR	09.85- 11.94	114047	24 4.0	
		09.86- 12.94	112345	28 55 BO				
		09.86- 12.94	112784	28 45				
		09.86- 12.94	112803	28 80				
	[TD61GC]	09.85- 03.00	111528	28 55 DR	09.85- 03.00	114047	24 4.0	
		01.90-	111658	28 55 PR				
		01.90-	112345	28 55 BO				
		01.90-	112784	28 45				
		112803	28 80					



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[TD61GS]	09.85- 01.86	110112	28 40		09.85- 03.00	114047	24 4.0	
	09.85- 03.00	111528	28 55	DR	09.85- 03.00	115623*	24 4.0 BO	
	09.85-	112803	28 80		09.85-	111638	24 4.0	
	09.85- 01.86	113477	28 55	PR				
	02.86-	111658	28 55	PR				
	02.86-	112345	28 55	BO				
	02.86-	112784	28 45					
[TD63E]	09.85- 03.00	111528	28 55	DR	01.90-	111638	24 4.0	
	01.90-	111658	28 55	PR	09.85- 03.00	114047	24 4.0	
	01.90-	112345	28 55	BO	09.85- 03.00	115623*	24 4.0 BO	
	01.90-	112784	28 45					
	01.90-	112803	28 80					
[TD63ES]	12.94-	111658	28 55	PR	12.94-	111638	24 4.0	
	12.94-	112345	28 55	BO	12.94- 03.00	114047	24 4.0	
	12.94-	112784	28 45		12.94- 03.00	115623*	24 4.0 BO	
	12.94-	112803	28 80					
FL 612 5.5	[D6A180]	09.85- 12.99	111528	28 55	DR	02.95-	111638	24 4.0
		02.95-	111658	28 55	PR	09.85- 12.99	114047	24 4.0
		02.95-	112345	28 55	BO	09.85- 12.99	115623*	24 4.0 BO
		02.95-	112784	28 45				
		02.95-	112803	28 80				
[D6A210]	11.91- 12.99	111528	28 55	DR	02.95-	111638	24 4.0	
	02.95-	111658	28 55	PR	11.91- 12.99	114047	24 4.0	
	02.95-	112345	28 55	BO	11.91- 12.99	115623*	24 4.0 BO	
	02.95-	112784	28 45					
	02.95-	112803	28 80					
[D6A230]	12.95-	111658	28 55	PR	12.95-	111638	24 4.0	
	12.95-	112345	28 55	BO	12.95- 12.99	114047	24 4.0	
	12.95-	112784	28 45		12.95- 12.99	115623*	24 4.0 BO	
	12.95-	112803	28 80					
[D6A250]	12.95-	111658	28 55	PR	12.95-	111638	24 4.0	
	12.95-	112345	28 55	BO	12.95- 12.99	114047	24 4.0	
	12.95-	112784	28 45		12.95- 12.99	115623*	24 4.0 BO	
	12.95-	112803	28 80					
[TD61GB]				09.85- 12.99	114047	24 4.0		
				09.85- 12.99	115623*	24 4.0 BO		
[TD61GC]	09.85- 12.99	111528	28 55	DR	01.90-	111638	24 4.0	
	01.90-	111658	28 55	PR	09.85- 12.99	114047	24 4.0	
	01.90-	112345	28 55	BO	09.85- 12.99	115623*	24 4.0 BO	
	01.90-	112784	28 45					
	01.90-	112803	28 80					
[TD61GS]	09.85- 01.86	110112	28 40		09.85- 12.99	114047	24 4.0	
	09.85- 12.99	111528	28 55	DR	09.85- 12.99	115623*	24 4.0 BO	
	09.85-	112803	28 80		09.85-	111638	24 4.0	
	09.85- 01.86	113477	28 55	PR				
	02.86-	111658	28 55	PR				
	02.86-	112345	28 55	BO				
	02.86-	112784	28 45					
[TD63E]	09.85- 12.99	111528	28 55	DR	01.90-	111638	24 4.0	
	01.90-	111658	28 55	PR	09.85- 12.99	114047	24 4.0	
	01.90-	112345	28 55	BO	09.85- 12.99	115623*	24 4.0 BO	
	01.90-	112784	28 45					
	01.90-	112803	28 80					
[TD63ES]	11.91- 12.99	111528	28 55	DR	11.91-	111638	24 4.0	
	11.91-	111658	28 55	PR	11.91- 12.99	114047	24 4.0	
	11.91-	112345	28 55	BO	11.91- 12.99	115623*	24 4.0 BO	
	11.91-	112784	28 45					
	11.91-	112803	28 80					
FL 614 5.5	[D6A180]	09.85- 03.00	111528	28 55	DR	02.95-	111638	24 4.0
		09.85-	112757	28 55		09.85- 03.00	114047	24 4.0
		02.95-	111658	28 55	PR	09.85- 03.00	115623*	24 4.0 BO
		02.95-	112345	28 55	BO			
		02.95-	112784	28 45				
	02.95-	112803	28 80					
[D6A210]	09.85- 03.00	111528	28 55	DR	02.95-	111638	24 4.0	
	09.85-	112757	28 55		09.85- 03.00	114047	24 4.0	
	02.95-	111658	28 55	PR	09.85- 03.00	115623*	24 4.0 BO	
	02.95-	112345	28 55	BO				
	02.95-	112784	28 45					
	02.95-	112803	28 80					
[D6A230]	09.85-	112757	28 55		12.95-	111638	24 4.0	
	12.95- 03.00	111528	28 55	DR	12.95- 03.00	114047	24 4.0	
	12.95-	111658	28 55	PR	12.95- 03.00	115623*	24 4.0 BO	
	12.95-	112345	28 55	BO				
	12.95-	112784	28 45					
	12.95-	112803	28 80					
[D6A250]	09.85-	112757	28 55		12.95- 03.00	114047	24 4.0	
	12.95- 03.00	111528	28 55	DR	12.95- 03.00	115623*	24 4.0 BO	
	12.95-	111658	28 55	PR	12.95-	111638	24 4.0	
	12.95-	112345	28 55	BO				
	12.95-	112784	28 45					
	12.95-	112803	28 80					
[TD61F]	09.85- 01.86	110112	28 40		09.85- 03.00	114047	24 4.0	
	09.85- 03.00	111528	28 55	DR	09.85- 03.00	115623*	24 4.0 BO	
	09.85-	112757	28 55		09.85-	111638	24 4.0	
	09.85-	112803	28 80					
	09.85- 01.86	113477	28 55	PR				
	02.86-	111658	28 55	PR				
	02.86-	112345	28 55	BO				
	02.86-	112784	28 45					
		02.86-	112784	28 45				
[TD61GB]				09.85- 03.00	114047	24 4.0		
				09.85- 03.00	115623*	24 4.0 BO		



	[TD61GC]	09.85- 03.00	111528	28 55	DR	01.90-	111638	24 4.0		
		09.85-	112757	28 55		09.85- 03.00	114047	24 4.0		
		01.90-	111658	28 55	PR	09.85- 03.00	115623*	24 4.0 BO		
		01.90-	112345	28 55	BO					
		01.90-	112784	28 45						
	[TD61GS]	09.85- 01.86	110112	28 40		09.85- 03.00	114047	24 4.0		
		09.85- 03.00	111528	28 55	DR	09.85- 03.00	115623*	24 4.0 BO		
		09.85- 01.86	112757	28 55	BO	09.85-	111638	24 4.0		
		09.85-	112803	28 80						
		09.85- 01.86	113477	28 55	PR					
		02.86-	111658	28 55	PR					
		02.86-	112345	28 55	BO					
		02.86-	112784	28 45						
		FL 615 5.5	[D6A180]	11.91- 03.00	111528	28 55	DR	01.90-	111638	24 4.0
				02.95-	111658	28 55	PR	09.85- 03.00	114047	24 4.0
02.95-	112345			28 55	BO	09.85- 03.00	115623*	24 4.0 BO		
02.95-	112784			28 45						
02.95-	112803			28 80						
	[D6A210]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0		
		02.95-	111658	28 55	PR	11.91- 03.00	114047	24 4.0		
		02.95-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO		
		02.95-	112784	28 45						
		02.95-	112803	28 80						
	[D6A230]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0		
		12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0		
		12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO		
		12.95-	112784	28 45						
		12.95-	112803	28 80						
	[D6A250]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0		
		12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0		
		12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO		
		12.95-	112784	28 45						
		12.95-	112803	28 80						
	[TD63E]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0		
		11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0		
		11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO		
		11.91-	112784	28 45						
		11.91-	112803	28 80						
	[TD63ES]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0		
		11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0		
		11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO		
		11.91-	112784	28 45						
		11.91-	112803	28 80						
FL 618 5.5	[D6A180]	11.91- 03.00	111528	28 55	DR	02.95-	111638	24 4.0		
		02.95-	111658	28 55	PR	11.91- 03.00	114047	24 4.0		
		02.95-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO		
		02.95-	112784	28 45						
		02.95-	112803	28 80						
	[D6A210]	11.91- 03.00	111528	28 55	DR	11.91- 03.00	115623*	24 4.0 BO		
		02.95-	111658	28 55	PR	02.95-	111638	24 4.0		
		02.95-	112345	28 55	BO	11.91- 03.00	114047	24 4.0		
		02.95-	112784	28 45						
		02.95-	112803	28 80						
	[D6A230]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0		
		12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0		
		12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO		
		12.95-	112784	28 45						
		12.95-	112803	28 80						
[D6A250]	12.95- 03.00	111528	28 55	DR	12.95-	111638	24 4.0			
	12.95-	111658	28 55	PR	12.95- 03.00	114047	24 4.0			
	12.95-	112345	28 55	BO	12.95- 03.00	115623*	24 4.0 BO			
	12.95-	112784	28 45							
	12.95-	112803	28 80							
[TD63E]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0			
	11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0			
	11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO			
	11.91-	112784	28 45							
	11.91-	112803	28 80							
[TD63ES]	11.91- 03.00	111528	28 55	DR	11.91-	111638	24 4.0			
	11.91-	111658	28 55	PR	11.91- 03.00	114047	24 4.0			
	11.91-	112345	28 55	BO	11.91- 03.00	115623*	24 4.0 BO			
	11.91-	112784	28 45							
	11.91-	112803	28 80							
FL 619 5.5	[TD61F]	09.85- 11.94	111658	28 55	PR	09.85- 11.94	111638	24 4.0		
		09.85- 11.94	112345	28 55		09.85- 11.94	114047	24 4.0		
		09.85- 11.94	112784	28 45		09.85- 11.94	115623*	24 4.0 BO		
		09.85- 11.94	112803	28 80						
FL 7/230 6.7	[D7B230]	09.85- 09.98	111528	28 55	DR	11.91-	110980	24 5.4		
		11.91-	111658	28 55	PR					
		11.91-	112345	28 55	BO					
		11.91-	112784	28 45						



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	[TD71F]	09.85- 01.86 09.85- 09.98 09.85- 01.86 02.86- 02.86- 02.86-	110112 111528 113477 111658 112345 112784	28 40 28 55 DR 28 55 PR 28 55 PR 28 55 BO 28 45		09.85-	110980	24 5.4	
	[TD71FQ]	09.85- 01.86 09.85- 09.98 09.85- 01.86 02.86- 02.86- 02.86-	110112 111528 113477 111658 112345 112784	28 40 28 55 DR 28 55 PR 28 55 PR 28 55 BO 28 45		09.85-	110980	24 5.4	
	[TD73E]	09.85- 09.98 11.91- 11.91- 11.91-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		11.91-	110980	24 5.4	
FL 7/260 6.7	[D7B260]	11.91- 09.98 11.91- 11.91- 11.91-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		11.91-	110980	24 5.4	
	[TD73ES]	11.91- 09.98 11.91- 11.91- 11.91-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		11.91-	110980	24 5.4	
FL 7/290 6.7	[D7A285]	10.93- 09.98 10.93- 10.93- 10.93-	111528 111658 112345 112784	28 55 DR 28 55 PR 28 55 BO 28 45		10.93-	110980	24 5.4	
FLC 140 4.0	[D4A140]	09.96- 09.00	113186 113650	28 55 28 80					
FLH 240-12 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 240-18 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 260-12 7.1	[D7F260]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 260-18 7.1	[D7F260]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 280-12 7.1	[D7E280]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 280-18 7.1	[D7E280]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 290-12 7.1	[D7F290]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLH 290-18 7.1	[D7F290]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLL 240-14 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLL 240-15 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
FLL 240-16 7.1	[D7E240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49
	[D7F240]	05.13-	114303	28 100		05.13- 05.13- 05.13- 05.13-	115894 114323 114733 115889	24 5.5 24 5.0 24 5.5 24 5.0	A49 A49 A49 A49



FLL 260-14 7.1	[D7F260]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
						05.13-	114323				24	5.0				
						05.13-	114733				24	5.5				
						05.13-	115889				24	5.0	A49			
FLL 260-15 7.1	[D7F260]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
							05.13-				114323	24	5.0			
							05.13-				114733	24	5.5			
							05.13-				115889	24	5.0	A49		
FLL 260-16 7.1	[D7F260]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
							05.13-				114323	24	5.0			
							05.13-				114733	24	5.5			
							05.13-				115889	24	5.0	A49		
FLL 280-14 7.1	[D7E280]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
							05.13-				114323	24	5.0			
							05.13-				114733	24	5.5			
							05.13-				115889	24	5.0	A49		
FLL 280-16 7.1	[D7E280]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
							05.13-				114323	24	5.0			
							05.13-				114733	24	5.5			
							05.13-				115889	24	5.0	A49		
FLL 290-14 7.1	[D7F290]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
							05.13-				114323	24	5.0			
							05.13-				114733	24	5.5			
							05.13-				115889	24	5.0	A49		
FLL 290-16 7.1	[D7F290]	05.13-	114303	28	100	05.13-	115894	24	5.5	A49						
							05.13-				114323	24	5.0			
							05.13-				114733	24	5.5			
							05.13-				115889	24	5.0	A49		
FM 10/320 9.6	[D10A320]	03.00- 09.03	111631	28	55	03.00- 09.03	110207	24	5.4							
		03.00- 09.03	111746							28	80					
	[D10B320]	04.99- 09.03	111631	28	55	04.99- 09.03	110207	24	5.4							
		04.99- 09.03	111746							28	80					
FM 10/360 9.6	[D10B360]	04.99-	111631	28	55	04.99-	110207	24	5.4							
		04.99-	111746							28	80					
FM 12/340 12.1	[D12C340]	02.00- 09.03	114212	28	110	02.00- 09.03	112116	24	6.6							
		08.98- 09.03	111631			28	55			02.00- 09.03	115884	24	5.5			
		08.98- 09.03	111746			28	80			02.00- 09.03	113830	24	5.5			
		02.00- 09.03	111631			28	55			08.98- 09.05	113830	24	5.5			
	[D12D340]	02.00- 09.03	111746	28	80	02.00- 09.03	112116	24	6.6							
		12.01- 09.05	115488	28	110	A49	A10	08.98- 09.05	114872	24	5.5	MI				
		08.98- 09.05	114212	28	110	08.98- 09.05	115875	24	5.5	A49						
		08.98- 09.05	114880	28	110	MI	08.98- 09.05	115884	24	5.5	A49					
		Chas. -A557642,B330019	12.01-	111746	28	80										
FM 12/380 12.1	[D12C380]	08.98-	111631	28	55											
		08.98-	111746							28	80					
	[D12D380]	08.98-	111631	28	55											
		08.98-	111746							28	80					
FM 12/420 12.1	[D12C420]	03.00- 09.03	111631	28	55	03.00- 09.03	112116	24	6.6							
		03.00- 09.03	111746							28	80					
	[D12D420]	03.00- 09.03	111631	28	55	03.00- 09.03	112116	24	6.6							
		03.00- 09.03	111746							28	80					
FM 12/460 12.1	[D12C460]	08.98- 09.05	111631	28	55	08.98- 09.05	112116	24	6.6							
		08.98- 09.05	111746							28	80					
FM 12H/340 12.1	[D12C340]	08.98-	111631	28	55											
		08.98-	111746							28	80					
		12.01-	111631							28	55	08.98- 09.05	115884	24	5.5	A49
		12.01- 09.05	115488							28	110	A49	A10	08.98- 09.05	114872	24
	[D12D340]	08.98- 09.05	114212	28	110	08.98- 09.05	115875	24	5.5	A49						
		08.98- 09.05	114880	28	110	MI	08.98- 09.05	113830	24	5.5						
Chas. -A557642,B330019	12.01-	111746	28	80												
FM 12H/380 12.1	[D12C380]	08.98-	111631	28	55											
		08.98-	111746							28	80					
FM 12H/420 12.1	[D12C420]	08.98-	111631	28	55											
		08.98-	111746							28	80					
		12.01-	111631							28	55	08.98- 09.05	115875	24	5.5	A49
		12.01- 09.05	115488							28	110	A49	A10	08.98- 09.05	114872	24
	[D12D420]	08.98- 09.05	114212	28	110	08.98- 09.05	113830	24	5.5							
		08.98- 09.05	114880	28	110	MI	08.98- 09.05	115884	24	5.5	A49					
Chas. -A557642,B330019	12.01-	111746	28	80												
FM 300 9.4	[D9A300]					09.05-	114193	24	5.5							
						09.05-	115877			24	5.5	A49				
	[D9B300]	09.05-	111746	28	80	09.05-	114193	24	5.5							
		09.05-	114212			28	110			09.05-	115877	24	5.5	A49		
FM 330 10.8	[D11C330]					04.12-	114193	24	5.5							
						09.05-	115593			24	5.5					
						04.12-	115877			24	5.5	A49				
						09.05-	115887			24	5.5	A49				
	[D11K330]	09.05-	116374*	24	5.5											
		04.12-	114193	24	5.5											
		09.05-	115593	24	5.5											
		04.12-	115877	24	5.5	A49										
[D13A360]	09.05-	114078	28	120	09.05-	113830	24	5.5								
	09.05-	114212			28	110			A10	09.05-	114872	24	5.5	MI		
	09.05-	114880			28	110			MI	09.05-	115875	24	5.5	A49		
	09.05-	115488			28	110			A49	09.05-	115884	24	5.5	A49		
[D13B360]	09.05-	115494	28	120	A49											
	09.05-	115577	28	80												
	09.05-	114078	28	120	09.05-	113830	24	5.5								
	09.05-	114212	28	110	A10	09.05-	114872	24	5.5	MI						
	09.05-	114880	28	110	MI	09.05-	115875	24	5.5	A49						
	09.05-	115488	28	110	A49	09.05-	115884	24	5.5	A49						
	09.05-	115494	28	120	A49											
	09.05-	115577	28	80												



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FM 370 10.8	[D11C370]	06.08-	114078	28 120		04.12-	114193	24 5.5
		06.08-	114212	28 110		04.12-	115877	24 5.5 A49
		06.08-	114407	28 90		09.05-	115593	24 5.5
		06.08-	114880	28 110		09.05-	115887	24 5.5 A49
	[D11K370]	06.08-	114078	28 120		04.12-	114193	24 5.5
		06.08-	114212	28 110		04.12-	115877	24 5.5 A49
		06.08-	114407	28 90		09.05-	115593	24 5.5
		06.08-	114880	28 110		09.05-	115887	24 5.5 A49
FM 380 12.8	[D13C380]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49
		09.05-	115494	28 120 A49				
	09.05-	115577	28 80					
	[D13A400]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		A10 09.05-	114872	24 5.5 MI
09.05-		114880	28 110 MI		09.05-	115875	24 5.5 A49	
FM 400 12.8	[D13B400]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		A10 09.05-	114872	24 5.5 MI
		09.05-	114880	28 110 MI		09.05-	115875	24 5.5 A49
		09.05-	115488	28 110 A49		09.05-	115884	24 5.5 A49
		09.05-	115494	28 120 A49				
	09.05-	115577	28 80					
	[D13C410]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		A10 09.05-	114872	24 5.5 MI
09.05-		114880	28 110 MI		09.05-	115875	24 5.5 A49	
FM 410 10.8	[D11C410]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49
	[D11K410]	09.05-	115494	28 120 A49		09.05-	115884	24 5.5 A49
		09.05-	115577	28 80				
		04.12-	114078	28 120		04.12-	114872	24 5.5
		04.12-	114212	28 110		04.12-	115875	24 5.5 A49
FM 420 12.8	[D13C420]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49
		09.05-	115494	28 120 A49				
	09.05-	115577	28 80					
	[D13K420]	04.12-	114078	28 120		04.12-	114872	24 5.5
		04.12-	114212	28 110		04.12-	115875	24 5.5 A49
04.12-		115488	28 110 A49					
FM 440 12.8	[D13A440]	09.05- 02.12	114078	28 120		09.05-	113830	24 5.5
		09.05- 02.12	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 MI	A10	09.05- 02.12	114872	24 5.5 MI
		09.05- 02.12	115488	28 110 A49		09.05- 02.12	115875	24 5.5 A49
		09.05- 02.12	115494	28 120 A49				
	09.05-	115577	28 80					
	[D13B440]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		A10 09.05-	114872	24 5.5 MI
09.05-		114880	28 110 MI		09.05-	115875	24 5.5 A49	
FM 450 10.8	[D11C450]	09.05-	114078	28 120		09.05-	115884	24 5.5 A49
		09.05-	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 A49		09.05-	115884	24 5.5 A49
		09.05-	115494	28 120 A49		09.05-	115884	24 5.5 A49
	[D11K450]	09.05-	115577	28 80		09.05-	115884	24 5.5 A49
		04.12-	114078	28 120		04.12-	114193	24 5.5
		04.12-	114212	28 110		09.05-	115593	24 5.5
		04.12-	115488	28 110 A49		04.12-	115877	24 5.5 A49
FM 460 12.8	[D13C460]	09.05-	114078	28 120		09.05-	113830	24 5.5
		09.05-	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 MI	A10	09.05-	114872	24 5.5 MI
		09.05-	115488	28 110 A49		09.05-	115875	24 5.5 A49
		09.05-	115494	28 120 A49				
	09.05-	115577	28 80					
	[D13K460]	05.09-	114078	28 120		05.09-	114872	24 5.5
		05.09-	114212	28 110		05.09-	115875	24 5.5 A49
05.09-		115488	28 110 A49					
FM 480 12.8	[D13A480]	09.05- 02.12	114078	28 120		09.05-	113830	24 5.5
		09.05- 02.12	114212	28 110		09.05-	115884	24 5.5 A49
		09.05-	114880	28 110 MI	A10	09.05- 02.12	114872	24 5.5 MI
		09.05- 02.12	115488	28 110 A49		09.05- 02.12	115875	24 5.5 A49
		09.05- 02.12	115494	28 120 A49				
	09.05-	115577	28 80					
	[D13B500]	09.05-	114078	28 120		09.07-	113830	24 5.5
		09.07-	114212	28 110		A10 09.07-	114872	24 5.5 MI
09.07-		114880	28 110 MI		09.05-	115875	24 5.5 A49	
FM 500 12.8	[D13C500]	09.07-	115488	28 110 A49		09.05-	115884	24 5.5 A49
		09.07-	115494	28 120 A49				
		09.07-	115577	28 80				
		09.05-	114078	28 120		A10 09.05-	114872	24 5.5 MI
		09.05-	114212	28 110		09.05-	115875	24 5.5 A49
	09.05-	114880	28 110 MI		09.05-	113830	24 5.5	
	09.05-	115488	28 110 A49		09.05-	115884	24 5.5 A49	
	09.05-	115494	28 120 A49					
[D13K500]	09.05-	115577	28 80					
	04.12-	114078	28 120		04.12-	114872	24 5.5	
	04.12-	114212	28 110		04.12-	115875	24 5.5 A49	
	04.12-	115488	28 110 A49					
04.12-	115494	28 120 A49						



FM 7/250 7.3	[D7C250]	08.98-	111631	28 55	For vehicles with Auxiliary drive/PTO	08.98-	110980	24 5.4	
		08.98-	111746	28 80	For vehicles with Auxiliary drive/PTO	08.98- 12.01	114033	24 4.0	
FM 7/290 7.3	[D7C290]	08.98-	111631	28 55		08.98-	110980	24 5.4	
		08.98-	111746	28 80	For vehicles with Auxiliary drive/PTO	08.98-	114033	24 4.0	
FM 9/260 9.4	[D9A260]	12.01-	111631	28 55		12.01- 09.05	115877	24 5.5 A49	
FM 9/300 9.4	[D9A300]	Chas. -A557642, -B330018	12.01-	111746	28 80		12.01- 09.05	114193	24 5.5
		12.01-	111631	28 55		12.01- 09.05	114193	24 5.5	
FM 9/340 9.4	[D9A340]	Chas. -A557642, -B330018	12.01-	111746	28 80		12.01- 09.05	115877	24 5.5 A49
		12.01- 08.05	111631	28 55		12.01- 09.05	115877	24 5.5 A49	
FM 9/380 9.4	[D9A380]	Chas. -A557642, -B330018	12.01-	111746	28 80		12.01- 09.05	114193	24 5.5
		12.01-	111631	28 55		12.01- 09.05	115877	24 5.5 A49	
FMX 330 10.8	[D11C330]	04.10-	114078	28 120		04.10-	115593	24 5.5	
		04.10-	114407	28 90		09.13-	114193	24 5.5	
		04.10-	114880	28 110		09.13-	115877	24 5.5 A49	
	[D11K330]	04.10-	114078	28 120		04.10-	115887	24 5.5 A49	
		04.10-	114407	28 90		04.10-	116374*	24 5.5	
		04.10-	114880	28 110		09.13-	115877	24 5.5 A49	
FMX 370 10.8	[D11C370]	04.10-	114078	28 120		04.10-	115593	24 5.5	
		04.10-	114407	28 90		09.13-	114193	24 5.5	
		04.10-	114880	28 110		09.13-	115877	24 5.5 A49	
	[D11K370]	04.10-	114078	28 120		04.10-	115887	24 5.5 A49	
		04.10-	114407	28 90		04.10-	116374*	24 5.5	
		04.10-	114880	28 110		09.13-	115877	24 5.5 A49	
FMX 380 12.8	[D13C380]	04.10-	114078	28 120		04.10-	114872	24 5.5	
		04.10-	114212	28 110		04.10-	115875	24 5.5 A49	
		04.10-	115488	28 110 A49					
	[D13K380]	04.10-	115494	28 120 A49					
		04.10-	115577	28 80					
FMX 410 10.8	[D11C410]	09.13-	114078	28 120		09.13-	114193	24 5.5	
		09.13-	114212	28 110		09.13-	115593	24 5.5	
		09.13-	115488	28 110 A49		09.13-	115877	24 5.5 A49	
	[D11K410]	09.13-	115494	28 120 A49		09.13-	115887	24 5.5 A49	
		09.13-	115577	28 80		09.13-	114193	24 5.5	
						09.13-	115593	24 5.5	
FMX 420 12.8	[D13C420]	01.11-	114078	28 120		01.11-	114872	24 5.5	
		01.11-	114212	28 110		01.11-	115875	24 5.5 A49	
		01.11-	115488	28 110 A49					
	[D13K420]	01.11-	115494	28 120 A49					
		09.13-	115577	28 80					
FMX 450 10.8	[D11C450]	09.13-	114078	28 120		09.13-	114193	24 5.5	
		09.13-	114212	28 110		09.13-	115593	24 5.5	
		09.13-	115488	28 110 A49		09.13-	115877	24 5.5 A49	
	[D11K450]	09.13-	115494	28 120 A49		09.13-	115887	24 5.5 A49	
		09.13-	115577	28 80		09.13-	114193	24 5.5	
						09.13-	115593	24 5.5	
FMX 460 12.8	[D13C460]	04.10-	114078	28 120		04.10-	114872	24 5.5	
		04.10-	114212	28 110		04.10-	115875	24 5.5 A49	
		04.10-	115488	28 110 A49					
	[D13K460]	04.10-	115494	28 120 A49					
		09.13-	114078	28 120		09.13-	114872	24 5.5	
		09.13-	114212	28 110		09.13-	115875	24 5.5 A49	
FMX 500 12.8	[D13C500]	09.13-	115488	28 110 A49					
		09.13-	115494	28 120 A49					
	[D13K500]	01.11-	114078	28 120		01.11-	114872	24 5.5	
		01.11-	114212	28 110		01.11-	115875	24 5.5 A49	
		01.11-	115488	28 110 A49					
FMX 540 12.8	[D13C540]	01.11-	115494	28 120 A49					
	[D13K540]	09.13-	114078	28 120		09.13-	114872	24 5.5	
		09.13-	114212	28 110		09.13-	115875	24 5.5 A49	
		09.13-	115488	28 110 A49					
FS 718/260 6.7	[D7B230]	09.94- 03.96	111658	28 55 PR		09.94- 03.96	110980	24 5.4	
		09.94- 03.96	112345	28 55 BO					
		09.94- 03.96	112784	28 45					
	[D7B260]	09.94- 03.96	112803	28 80					
		09.94- 03.96	111528	28 55 DR		09.94- 03.96	110980	24 5.4	
		09.94- 03.96	111658	28 55 PR					
	112345	28 55 BO							
	112784	28 45							
	112803	28 80							



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VOLVO Continued

N 10/300 9.6	[TD100B]	01.80- 12.98	112345	28 55	01.80- 12.98	110207	24 5.4
		01.80- 12.98	112784	28 45			
	[TD101F]	01.80- 12.98	112345	28 55	01.80- 12.98	110207	24 5.4
		01.80- 12.98	112784	28 45			
N 7 6.7	[TD70ES]	08.78- 11.87	112345	28 55	01.73- 09.80	114047	24 4.0
		08.78- 11.87	112784	28 45	01.73- 09.80	115623*	24 4.0 BO
		11.78- 01.86	111528	28 55	11.74- 07.78	110519	12 3.0
		02.86-	111658	28 55			
NH 12/380 12.1	[D12C380]	05.99-	111746	28 80	05.99-	112116	24 6.6
NH 12/420 12.1	[D12C420]	05.99-	111746	28 80	05.99-	112116	24 6.6
Various Models						116044	24 6.0 A49
		01.90- 01.95	113432	14 145	06.61- 12.65	111217	12 3.0
		01.89- 01.97	112996	14 115			
INDUSTRI							
BM4200 Wheel Loader	[4-236]					114170	24 4.0
EC 150 C Excavator		01.97-	111658	28 55			
EC130C	[TD40GDE]					112037	24 4.0
EC15r Diesel	[mitsubishi Equipped]		114079	14 40			
EC340	[TD103KAE]				01.01-	111046	24 6.6
EC380	[TD103KAE]				01.01-	111046	24 6.6
EW130C	[TD40GDE]					112037	24 4.0
L50	[TD40GFE]				01.93- 01.95	112037	24 4.0
Various Models						116044	24 6.0 A49
						114170	24 4.0
Volvo BM							
AGRICULTURE							
861 5.5	[TD60B]				09.79- 07.86	113482	12 3.0
2650 5.5	[TD60B]	05.79- 06.82	112742	14 90	05.79- 06.82	113482	12 3.0
2654 5.5	[TD60B]	05.79- 06.82	112742	14 90	05.79- 06.82	113482	12 3.0
A20 6.7					08.86- 08.01	113850	24 5.4
L 120 6.7		01.87- 01.02	113477	28 55			
L 160		01.87-	111528	28 55	01.87- 12.90	110207	24 5.4
		01.87- 01.02	113477	28 55			
L 70 4.5	[TD45B]		11.91-	113477			
L 90 5.5	[TD61GB]		11.91- 01.94	113477			
LM 621 4.0 Diesel	[D42A]				09.70- 06.78	112132	24 4.0
LM 641 4.0 Diesel	[D42A]				09.70- 06.78	112132	24 4.0
LM 841 5.0 Diesel	[D50B]				04.72- 05.75	112132	24 4.0
LM 845 5.0 Diesel	[D50B]				01.71- 12.73	112132	24 4.0
LM 846 5.0 Diesel	[D50B]				05.72- 12.75	112132	24 4.0
SM 868 5.0	[D50B]				08.70- 10.74	113482	12 3.0
SM 980 5.0	[TD50B]				11.71- 06.76	113482	12 3.0
T 650 4.0	[D42A]				02.70- 06.82	113482	12 3.0
T 700 4.0	[TD42]				06.76- 06.82	113482	12 3.0
T350 Diesel					01.61- 08.64	110537	12 3.6
T800 Diesel	[D50A]		112310	14 55	01.67- 01.75	110537	12 3.6
					01.67- 12.75	111217	12 3.0
T810 Diesel	[TD50A]		112310	14 55	01.69- 01.75	110537	12 3.6
					03.69- 12.75	111217	12 3.0
T814 Diesel	[TD50A]		112310	14 55	01.69- 01.75	110537	12 3.6
Various Tractors			114465	14 70		116044	24 6.0
INDUSTRI							
EC160C	[BF6M2013C]					114873	24 5.5
EC180C	[BF6M2013C]					114873	24 5.5
EC200B prime	[BF6M2013C]					114873	24 5.5
EC210BLC prime	[BF6M2013C]					114873	24 5.5
EC210C	[BF6M2013C]					114873	24 5.5
ECR235C	[BF6M2013C]					114873	24 5.5
EW145B prime	[BF6M2013C]					114873	24 5.5
L60E	[BF6M2013C]					114873	24 5.5
L60F	[BF6M2013C]					114873	24 5.5
L70E	[BF6M2013C]					114873	24 5.5
L70F	[BF6M2013C]					114873	24 5.5
L90E	[BF6M2013C]					114873	24 5.5
L90F	[BF6M2013C]					114873	24 5.5
MOTORS							
Engine Diesel	[D45]				06.83-	112132	24 4.0
Volvo Penta							
MARINE							
Engine 0.4	[2001]	01.91-	111397	14 45	01.91-	111404	12 1.1
Engine 0.7	[MD7B]	06.81- 07.83	110127	14 70			
Engine 0.9	[2002]	06.83- 01.93	111397	14 45	06.83- 01.93	111404	12 1.1
Engine 1.1	[MD11]	07.75- 06.83	111397	14 45			
			110127	14 70			
Engine 1.3	[2003]	06.83- 01.93	111397	14 45	06.83- 01.93	111404	12 1.1
Engine 1.7	[MD17]	09.75- 06.84	111397	14 45			
			110127	14 70			
Engine 12.1	[MD3B]				05.71- 10.75	113705	12 1.9
	[D126]				01.99-	114527	24 6.0
	[D12-650]				01.99-	114527	24 6.0
	[D12-675]				01.99-	114527	24 6.0
	[D12-715]				01.99-	114527	24 6.0
	[D12-800]				01.99-	114527	24 6.0
Engine 2.0	[AQ130]		110048	14 70	01.70- 12.77	111054	12 1.1
Engine 2.3	[AQ140]		110048	14 70	11.75- 12.79	111054	12 1.1
	[AQ145]	03.79- 12.85	111397	14 45	03.79- 12.85	111054	12 1.1
			113631	14 90			
Engine 2.3	[AQ131]				01.87-	111404	12 1.1
Engine 2.4	[TAMD30]	01.83- 06.86	111397	14 45			
	[TMD30]	01.83- 06.86	111397	14 45			
Engine 3.0	[AQ170]		110048	14 70	01.70- 12.78	111054	12 1.1
Engine 3.5	[TMD40]	01.77- 01.86	111528	28 55			
		02.77- 06.86	111397	14 45			
Engine 3.6	[TMD41B]	01.86- 12.97	111397	14 45	01.86- 12.97	111047	12 3.1
Engine 5.0	[AQ200]	01.70-	110127	14 70			
		01.70-	111397	14 45			
	[AQ225]		110127	14 70			



Engine 5.1	[TMD50]	10.96-	110048	14 70				
		10.96-	110127	14 70				
Engine 5.5	[TAMD60]	10.76- 10.86	110112	28 40	10.76-	110538	12 3.6	
		10.86-	112784	28 45				
	[TD60.]	01.82- 06.86	110112	28 40	01.82- 06.86	112507	24 5.4	
		01.86-	112784	28 45	01.82- 06.86	111218	24 5.4	
Engine 5.7	[AQ290]	01.79-	110127	14 70				
Engine 6.7	[AQD70]	03.71-	110048	14 70	03.71- 06.82	111218	24 5.4	
					03.71-	110538	12 3.6	
	[TAMD72]	07.91-	111658	28 55				
	[TMD70]	12.72-	110048	14 70	12.72-	111218	24 5.4	
		12.72-	110127	14 70	12.72-	110538	12 3.6	
Engine 9.6	[TMD100]	01.72- 05.85	110175	28 100				
		01.72- 05.85	110176	28 175				
Engine	[AQ100]		110048	14 70				
			110052	28 40				
			113477	28 55				
	[AQ120]		110048	14 70				
			110127	14 70				
			111397	14 45				
			113631	14 90				
	[AQ165]		110048	14 70				
	[AQ21]		110048	14 70				
Engine	[D4]		114845	28 80				
	[D6]		114845	28 80				
	[KAD32P]		111397	14 45				
	[KAD44P]		111397	14 45				
	[MD2010]	01.93-	111397	14 45				
	[MD2020]	01.93-	111397	14 45				
	[MD2030]	01.93-	111397	14 45	01.93-	110552	12 1.2	
	[MD2040]	01.93-	111397	14 45	01.93-	111300	12 1.4	
	[TMD22P]	01.97-	111397	14 45				
Engine	[D1-13]	01.05-	113971	14 115				
	[D1-20]	01.05-	113971	14 115				
	[D1-30]	01.05-	113971	14 115				
	[D2-40]	01.05-	113971	14 115				
	[D2-55]	01.05-	113971	14 115				
	[D4-250]	01.05-	113971	14 115				
	[D6-310]	01.05-	113971	14 115				
	[D6-435]	01.05-	113971	14 115				
	[KAD43DP]				01.97-	113207	12 2.8	
Various Models			114843	28 80		114819	24 5.5	
			113382	14 60	01.70- 06.84	111219	24 6.6	
			113477	28 55		111699	12 1.6	
			113631	14 90				
			110176	28 175				
			110048	14 70	01.97-	112232	12 2.4	
			110175	28 100		111047	12 3.1	
						114818	12 3.6	
VW								
PASSENGER CARS EU								
181 1.5	[H]				09.69- 07.70	110363	12 0.7	
181 1.6	[AG]				08.70- 03.73	110363	12 0.7	
411 1.7	[V]				08.69- 07.73	110363	12 0.7	
	[Z]				08.69- 07.73	110363	12 0.7	
411 1.7 E	[W]				08.69- 07.72	110363	12 0.7	
412 1.7	[W]				08.69- 07.72	110363	12 0.7	
412 1.8 E	[AN]				08.73- 07.74	110363	12 0.7	
	[AT]				08.73- 07.74	110363	12 0.7	
1500 1.5	[K]				08.69- 07.73	110363	12 0.7	
1600 1.5	[K]				08.66- 07.73	110363	12 0.7	
1600 1.6	[T]				08.66- 07.73	110363	12 0.7	
	[U]				08.66- 07.73	110363	12 0.7	
1600 1.6 TL	[T]				08.66- 07.73	110363	12 0.7	
	[U]				08.66- 07.73	110363	12 0.7	
Amarok 2.0 BiTDi	[CDCA]	09.10-	115707	14 110				
		09.10-	115730	14 140				
Amarok 2.0 BiTDi 4motion	[CDCA]	09.10-	115730	14 140				
Amarok 2.0 TDi	[CDBA]	09.10-	115730	14 140				
	[CNFA]	09.10-	115730	14 140				
Amarok 2.0 TDi 4motion	[CDBA]	09.10-	115730	14 140				
	[CNEA]				11.11-	115736	12 1.7	
	[CNFA]	09.10-	115730	14 140				
	[CSHA]				11.11-	115736	12 1.7	
		09.11-	116359*	14 140	09.11-	115736	12 1.7	
		09.11-	115826	14 140 A49				
		09.11-	115707	14 110				
Arteon 1.5 TSi	[DADA]				11.17-	115560	12 1.7	
Arteon 2.0 TSi	[CZPB]	05.17-	116386*		05.17-	115900	12 1.1	
					A25 05.17-	115560	12 1.7	
Arteon 2.0 TSi 4motion	[DJHC]	04.17-	116386*					
Arteon 2.0 TDi	[DFGA]	04.17-	114322	14 140	04.17-	115402	12 1.8	
		04.17-	115826	14 140	DKG 04.17-	115539	12 2.0	
		04.17-	116359*	14 140	04.17-	116156	12 2.0 A49	
	[DFHA]	05.17-	114322	14 140	05.17-	115539	12 2.0 A49	
		05.17-	115359		05.17-	116156	12 2.0	
		05.17-	115826	14 140				
		05.17-	116195*	14 180				
Arteon 2.0 TDi 4motion	[CUAA]	04.17-	115826	14 140	04.17-	115539	12 2.0 A49	
		04.17-	116195*	14 180	04.17-	116156	12 2.0	
		04.17-	116359*	14 140				
	[DFHA]	05.17-	114322	14 140	05.17-	115539	12 2.0 A49	
		05.17-	115826	14 140	05.17-	116156	12 2.0	
		05.17-	116195*	14 180				
		05.17-	116359*	14 140				



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Beetle 1.2 TSI	[CBZB]	07.11-	115765	14	140	07.11-	115612	12	1.2	
		07.11-	115767	14	140	10.11-	114175	12	1.1	
		07.11-	116207*	14	110	07.11-	115645	12	2.0	
	[CYVD]					12.14-	115561	12	1.7	
Beetle 1.4 TSI	[CAVD]	12.12-	114884	14	140	10.11-	115612	12	1.2	
						12.12-	114163	12	1.1	
	[CNWA]	12.12-	114884	14	140	04.11-	115612	12	1.2	
					12.12-	114163	12	1.1		
	[CTHD]	12.12-	114884	14	140	04.11-	115612	12	1.2	
					12.12-	114163	12	1.1		
	[CTKA]	12.12-	114884	14	140	04.11-	115612	12	1.2	
						12.12-	114163	12	1.1	
	[CZDA]					12.14-	115612	12	1.2	
						12.14-	115696	12	1.1	
						12.14-	115818	12	1.1	
Beetle 1.6 TDI	[CAYC]	10.11-	113992	14	140	10.11-	115610	12	2.0	
		10.11-	115433	14	140	10.11-	115634	12	1.8	
						10.11-	114299	12	1.7	
Beetle 2.0 TSI	[CBFA]	10.11-	114722	14	140	04.11-	115900	12	1.1	
						10.11-	113773	12	1.1	
	[CCTA]	10.11-	114722	14	140	04.11-	115900	12	1.1	
					10.11-	113773	12	1.1		
	[CCZA]	04.11-	114722	14	140	04.11-	115900	12	1.1	
					04.11-	113773	12	1.1		
	[CPLA]					12.12-	115696	12	1.1	
						12.12-	115900	12	1.1	
	[CPPA]					12.12-	115696	12	1.1	
						12.12-	115900	12	1.1	
	[CULC]					12.14-	115561	12	1.7	
Beetle 2.0 TDI	[CFFB]					12.12-	113841	12	1.7	
						12.12-	115638	12	1.7	
	[CJAA]	12.12-	113992	14	140	12.12-	115638	12	1.7	
					12.12-	113841	12	1.7		
	[CUUA]					12.14-	115336	12	2.2	
	[CUUB]					07.14-	115402	12	1.8	
						07.14-	115539	12	2.0 A49	
						07.14-	116156	12	2.0	
		[CVCA]					07.14-	115402	12	1.8
							07.14-	115539	12	2.0 A49
						07.14-	116156	12	2.0	
	[DELA]					09.14-	115402	12	1.8	
Bora 1.4 16V	[AHW]	10.98-	111989	14	90	09.01- 05.05	111909	12	1.1	
		10.98-	112075	14	70	09.01- 05.05	115504	12	1.1 A49	
		10.98- 06.05	115482	14	90 A49					
		AC 10.98-	111989	14	90					
	[AKO]	09.98- 05.00	111989	14	90					
		09.98- 05.00	112075	14	70					
		09.98- 05.00	115482	14	90 A49					
	[APE]	01.99- 05.00	111989	14	90	03.00- 05.05	111909	12	1.1	
		01.99- 05.00	112075	14	70	01.99- 05.00	115504	12	1.1 A49	
		01.99- 05.00	115482	14	90 A49					
	[AXP]	05.00- 10.01	111989	14	90	05.00- 05.05	111909	12	1.1	
		05.00- 10.01	112075	14	70	05.00- 10.01	115504	12	1.1 A49	
		05.00- 10.01	115482	14	90 A49					
		AC 09.01-	111989	14	90					
[BCA]	09.01-	112075	14	70	09.01- 05.05	111909	12	1.1		
	09.01- 05.05	115482	14	90 A49	09.01- 05.05	115504	12	1.1 A49		
	10.01-	111989	14	90						
	AC 09.01-	111989	14	90						
Bora 1.6	[AEH]	09.98-	111989	14	90	10.98- 06.01	111909	12	1.1	
		09.98-	112075	14	70	10.98- 06.01	115504	12	1.1 A49	
		10.98- 06.01	115482	14	90 A49					
	[AKL]	09.98-	111989	14	90	09.98-	111909	12	1.1	
		09.98-	112075	14	70	09.98- 05.05	115504	12	1.1 A49	
		09.98- 05.05	115482	14	90 A49					
		09.98- 05.05	115483	14	120 A49					
		10.98- 05.05	112002	14	120 A47					
	[APF]	05.99-	111989	14	90	05.99- 09.00	111909	12	1.1	
		05.99-	112075	14	70	05.99- 09.01	115504	12	1.1 A49	
		05.99- 09.01	115482	14	90 A49					
	[ATN]	08.99- 05.00	111989	14	90	08.99- 05.00	111909	12	1.1	
		08.99- 05.00	112075	14	70	08.99- 05.00	115504	12	1.1 A49	
		08.99-	113887	14	90					
		08.99- 05.00	115482	14	90 A49					
	[AVU]	08.00-	111989	14	90	08.00- 05.05	111909	12	1.1	
		08.00-	112002	14	120 A47	08.00- 05.05	115504	12	1.1 A49	
		08.00- 05.05	112075	14	70					
		08.00- 05.05	115482	14	90 A49					
		08.00- 05.05	115483	14	120 A49					
[AWB]	06.02- 10.04	111989	14	90	06.02- 10.04	112005	12	1.1		
	06.02- 10.04	115482	14	90 A49	06.02- 10.04	115504	12	1.1 A49		
					06.02- 10.04	111909	12	1.1		
	[BAD]				01.02-	113515	12	0.9		
	[BFO]	08.00- 05.05	111989	14	90	08.00- 05.05	111909	12	1.1	
		08.00- 05.05	112002	14	120	08.00- 05.05	115504	12	1.1 A49	
		08.00- 05.05	112075	14	70					
		08.00- 05.05	115482	14	90 A49					
		08.00- 05.05	115483	14	120 A49					
	[BJH]	08.00- 05.05	111989	14	90	08.00- 05.05	111909	12	1.1	
		08.00- 05.05	112002	14	120	12.01- 06.06	115504	12	1.1 A49	
		12.01- 06.06	115482	14	90 A49					
		12.01- 06.06	115483	14	120 A49					
Bora 1.6 16V	[ATN]	08.99- 05.05	115482	14	90 A49	08.99- 05.00	115504	12	1.1 A49	
		11.99- 05.00	111989	14	90	08.99- 05.00	111909	12	1.1	
		11.99- 05.00	112075	14	70					
		Chas. 1J-X-000 001-	11.99- 05.00	111989	14	90				



	[AUS]	02.00- 10.00	111989	14 90		05.00- 10.00	111909	12 1.1	
		02.00- 10.00	112075	14 70		05.00- 10.00	115504	12 1.1	A49
		05.00- 10.00	112274	14 90					
	[AZD]	02.00-	111989	14 90		09.00- 11.01	111909	12 1.1	
		02.00- 11.01	112075	14 70		09.00- 11.01	115504	12 1.1	A49
		02.00- 11.01	112273	14 70					
		09.00- 11.01	115482	14 90	A49				
	AC	02.00- 11.01	111989	14 90					
	[BCB]	02.00-	111989	14 90		11.01-	111909	12 1.1	
		02.00-	112273	14 70		11.01- 05.05	115504	12 1.1	A49
		11.01- 05.05	112075	14 70					
		11.01- 05.05	112274	14 90					
Bora 1.8	[AGN]	10.98- 10.00	111989	14 90		10.98- 04.01	112005	12 1.1	
		10.98- 10.00	112075	14 70					
		10.98- 10.00	115482	14 90	A49				
	[ARX]	09.00- 04.01	111989	14 90		S5P 05.00- 05.05	112005	12 1.1	
		09.00- 04.01	112075	14 70		6SP 05.00- 05.05	112429	12 2.0	
		09.00- 04.01	115482	14 90	A49	09.00- 04.01	115504	12 1.1	A49
						4SP 05.00- 05.05	111909	12 1.1	
	[AUM]	05.00- 05.05	112002	14 120	A47	09.00- 05.05	112005	12 1.1	
		09.00- 05.05	111989	14 90					
		09.00- 05.05	112075	14 70					
		09.00- 05.05	115482	14 90	A49				
	[BAF]	08.01- 05.05	115482	14 90	A49	08.01- 05.05	115504	12 1.1	A49
		10.98- 05.05	111989	14 90		08.01-	112005	12 1.1	
						10.98- 05.05	111909	12 1.1	
Bora 1.8 4 Motion	[AGN]	02.99- 10.00	111989	14 90		02.99- 10.00	112005	12 1.1	
		02.99- 10.00	112075	14 70					
		02.99- 10.00	115482	14 90	A49				
Bora 1.8 Turbo	[AGU]	05.00- 05.05	111989	14 90		S5P 05.00- 05.05	112005	12 1.1	
		05.00- 05.05	112002	14 120	A47	6SP 05.00- 04.01	112429	12 2.0	
		05.00- 05.05	112075	14 70		05.00- 05.05	115504	12 1.1	A49
		05.00- 05.05	115482	14 90	A49	AT 05.00-	111909	12 1.1	
		09.00- 05.05	115483	14 120	A49				
	[ARX]	05.00- 05.05	112002	14 120	A47	09.00-	112429	12 2.0	
		09.00- 04.01	111989	14 90					
		09.00- 04.01	112075	14 70					
		09.00- 04.01	115482	14 90	A49				
		09.00- 04.01	115483	14 120	A49				
	[AUM]	05.00- 05.05	111989	14 90		AT 09.00-	111909	12 1.1	
		05.00- 05.05	112002	14 120	A47	S5P 09.00-	112005	12 1.1	
		05.00- 05.05	112075	14 70		6SP 09.00- 04.01	112429	12 2.0	
		09.00- 05.05	115482	14 90	A49	09.00- 05.05	115504	12 1.1	A49
		09.00- 05.05	115483	14 120	A49				
	[AUQ]	03.02- 05.05	112002	14 120	A47	03.02- 05.05	114174	12 1.1	
		05.02- 05.03	111989	14 90					
		05.02- 05.03	112075	14 70					
		05.02- 05.03	115482	14 90	A49				
		05.02- 05.03	115483	14 120	A49				
	AC	05.02- 05.03	111989	14 90					
	[BAE]	05.00- 05.05	111989	14 90		08.01-	112005	12 1.1	
Bora 1.9 SDi		08.01- 01.06	115482	14 90	A49	08.01- 01.06	115504	12 1.1	A49
						08.01-	111909	12 1.1	
	[AGP]	09.98- 04.01	115483	14 120	A49	10.98- 05.05	112286	12 1.7	
		10.98- 05.05	112002	14 120					
		10.98- 05.05	112079	14 90					
		10.98- 05.05	113340	14 70					
		10.98- 05.05	114789	14 90	A49				
	[AQM]	10.98-	112002	14 120	A47	10.98- 05.05	112286	12 1.7	
		10.98-	112079	14 90	A47				
		10.98-	113340	14 70					
Bora 1.9 TDi		10.98- 05.05	114789	14 90	A49				
		10.98- 05.05	115483	14 120	A49				
	[AGR]	10.98- 05.05	112002	14 120	A47	AT 10.98-	112286	12 1.7	
		10.98-	112079	14 90	A47	10.98- 05.05	111900	12 1.8	
		10.98- 05.05	113340	14 70		05.99-	112429	12 2.0	
		10.98- 06.01	114789	14 90	A49	10.98- 05.05	115503	12 1.8	A49
		10.98- 05.05	115483	14 120	A49				
	[AHF]	10.98-	112002	14 120	A47	10.98-	111900	12 1.8	
		10.98-	112079	14 90	A47	AT 10.98-	112286	12 1.7	
		10.98-	113340	14 70		05.99- 05.05	115503	12 1.8	A49
		10.98- 05.05	115483	14 120	A49				
	[AJM]	09.98- 05.01	115483	14 120	A49	12.98- 06.01	112429	12 2.0	
		12.98- 06.01	112002	14 120	A47				
	12.98- 06.01	112079	14 90	A47					
	12.98- 05.00	113340	14 70						
	12.98- 06.01	114789	14 90	A49					
	05.99- 05.00	112075	14 70						
[ALH]	10.98-	112002	14 120	A47	10.98-	111900	12 1.8		
	10.98-	112079	14 90	A47	AT 10.98-	112286	12 1.7		
	10.98-	113340	14 70		10.98- 05.05	115503	12 1.8	A49	
	10.98- 06.01	114789	14 90	A49					
	10.98- 05.05	115483	14 120	A49					
[ARL]	01.00- 05.05	115483	14 120	A49	09.00- 05.05	112429	12 2.0		
	05.00-	112002	14 120	A47					
	05.00-	112079	14 90	A47					
	10.00-	113340	14 70						
[ASV]	05.00- 05.05	115483	14 120	A49	05.00- 05.05	115503	12 1.8	A49	
	10.98- 06.01	112002	14 120		AT 10.98-	112286	12 1.7		
	10.98- 06.01	113340	14 70		10.98- 06.01	111900	12 1.8		



Application list

VW Continued

	[ASZ]	11.00-112002	14 120 A47		11.00-02.05	112429	12 2.0	
		11.00-112079	14 90 A47	AT, 5 Speed	01.01-05.05	115523	12 2.3	
		11.00-113340	14 70					
		01.01-05.05	115483	14 120 A49				
	[ATD]	01.00-06.06	115483	14 120 A49	AT, 5 Speed	01.00-06.06	115523	12 2.3
		09.00-112002	14 120 A47		09.00-05.05	111900	12 1.8	
		09.00-112079	14 90 A47	6SP	01.00-05.05	112429	12 2.0	
		09.00-113340	14 70		01.00-06.06	115503	12 1.8 A49	
		09.00-05.05	114789	14 90 A49				
	[AUY]	01.00-04.01	112075	14 70		12.98-06.01	112429	12 2.0
		01.00-04.01	115483	14 120 A49	AT, 5 Speed	01.00-04.01	115523	12 2.3
		12.98-06.01	112002	14 120 A47				
		12.98-06.01	112079	14 90 A47				
		12.98-06.01	113340	14 70				
	[AXR]	09.00-05.05	112002	14 120 A47	6SP	05.01-05.05	112429	12 2.0
		09.00-05.05	112079	14 90 A47		05.01-05.05	115503	12 1.8 A49
		09.00-05.05	113340	14 70	AT, 5 Speed	05.01-05.05	115523	12 2.3
		09.00-05.05	114789	14 90 A49		09.00-05.05	111900	12 1.8
		05.01-05.05	115483	14 120 A49				
Bora 1.9 TDi 4 Motion	[AGR]	02.99-06.01	112002	14 120 A47		02.99-06.01	111900	12 1.8
		02.99-06.01	112079	14 90 A47	AT	02.99-	112286	12 1.7
		02.99-06.01	113340	14 70		02.99-05.05	115503	12 1.8 A49
		02.99-06.01	114789	14 90 A49				
		02.99-05.05	115483	14 120 A49				
	[AJM]	09.98-05.01	115483	14 120 A49		02.99-02.00	112429	12 2.0
		02.99-06.01	112002	14 120 A47	AT	09.98-05.01	115523	12 2.3
		02.99-06.01	112079	14 90 A47				
		02.99-05.00	113340	14 70				
		02.99-06.01	114789	14 90 A49				
	[ALH]	09.98-05.05	115483	14 120 A49		02.99-	111900	12 1.8
		02.99-112002	14 120 A47	AT	02.99-	112286	12 1.7	
		02.99-112079	14 90 A47		09.98-05.05	115503	12 1.8 A49	
		02.99-113340	14 70					
		02.99-06.01	114789	14 90 A49				
	[ARL]	05.00-112002	14 120 A47		09.00-05.05	112429	12 2.0	
		05.00-112079	14 90 A47					
		09.00-05.05	115483	14 120 A49				
		10.00-113340	14 70					
	[ASZ]	11.00-112002	14 120 A47		11.00-02.05	112429	12 2.0	
		11.00-112079	14 90 A47	AT, 5 Speed	01.01-05.05	115523	12 2.3	
		01.01-113340	14 70					
		01.01-05.05	115483	14 120 A49				
	[ATD]	01.00-06.06	115483	14 120 A49	AT, 5 Speed	01.00-06.06	115523	12 2.3
		09.00-112002	14 120 A47		09.00-05.05	111900	12 1.8	
		09.00-112079	14 90 A47	6SP	05.00-05.05	112429	12 2.0	
		09.00-113340	14 70		01.00-06.06	115503	12 1.8 A49	
		09.00-05.05	114789	14 90 A49				
	[AUY]	05.00-04.01	115483	14 120 A49	AT, 5 Speed	05.00-04.01	115523	12 2.3
		05.99-06.01	112002	14 120 A47		05.99-06.01	112429	12 2.0
		05.99-06.01	112079	14 90 A47				
		05.99-06.01	113340	14 70				
		05.99-06.01	114789	14 90 A49				
Bora 2.0	[APK]	10.98-05.05	115482	14 90 A49	AT	11.98-	111909	12 1.1
		11.98-111989	14 90		11.98-	112005	12 1.1	
		11.98-112075	14 70		10.98-05.05	115504	12 1.1 A49	
	[AQY]	09.98-111989	14 90	AT	09.98-	111909	12 1.1	
		09.98-112075	14 70		09.98-	112005	12 1.1	
		09.98-05.05	115482	14 90 A49		09.98-05.05	115504	12 1.1 A49
		09.98-05.05	115483	14 120 A49				
		10.98-05.05	112002	14 120				
	[AZG]	04.00-05.05	111989	14 90	AT	05.99-	111909	12 1.1
		04.00-05.05	112075	14 70		05.99-	112005	12 1.1
	04.00-05.05	115482	14 90 A49		04.00-05.05	115504	12 1.1 A49	
	05.01-05.05	115483	14 120 A49					
	05.99-05.05	112002	14 120 A47					
	[AZH]	04.00-05.05	111989	14 90		05.01-05.05	115504	12 1.1 A49
		04.00-06.01	112075	14 70		04.00-06.01	112005	12 1.1
		04.00-05.05	115482	14 90 A49		04.00-05.05	111909	12 1.1
		04.00-05.05	115483	14 120 A49				
		05.99-05.05	112002	14 120 A47				
	[AZJ]	04.00-05.05	111989	14 90		05.01-05.05	112005	12 1.1
		04.00-05.05	115482	14 90 A49		04.00-05.05	115504	12 1.1 A49
		04.00-05.05	115483	14 120 A49	AT	04.00-05.05	111909	12 1.1
		05.01-05.05	112075	14 70				
		05.99-05.05	112002	14 120 A47				
	[BBW]	10.98-05.05	111989	14 90		10.98-05.05	111909	12 1.1
		10.98-05.05	112002	14 120		10.98-05.05	115504	12 1.1 A49
		10.98-05.05	112075	14 70				
		10.98-05.05	115482	14 90 A49				
		10.98-05.05	115483	14 120 A49				
Bora 2.0 4 Motion	[AZH]	04.00-05.05	111989	14 90	AT	04.00-05.05	111909	12 1.1
		04.00-05.05	112002	14 120 A47		04.00-05.05	112005	12 1.1
		04.00-05.05	112075	14 70		04.00-05.05	115504	12 1.1 A49
		04.00-05.05	115482	14 90 A49				
		04.00-05.05	115483	14 120 A49				
	[AZJ]	04.00-06.01	111989	14 90		04.00-	111909	12 1.1
		04.00-05.05	112002	14 120 A47		05.01-05.05	115504	12 1.1 A49
		04.00-06.01	112075	14 70				
		05.01-05.05	115482	14 90 A49				
		05.01-05.05	115483	14 120 A49				
Bora 2.3 V5	[AGZ]	08.97-113340	14 70	AT	08.97-	112286	12 1.7	
		10.98-112002	14 120 A47		10.98-10.00	114160	12 1.8	
		10.98-112079	14 90 A47					
		10.98-10.00	114789	14 90 A49				
		10.98-02.01	115483	14 120 A49				



	[AQN]	09.00- 05.05	115483	14 120 A49		10.00- 05.05	114160	12 1.8
		10.00-	112002	14 120 A47		6SP 10.00- 05.05	112429	12 2.0
		10.00-	112079	14 90 A47		5SP 10.00- 05.05	112166	12 1.7
		10.00-	113340	14 70				
Bora 2.3 V5 4 Motion	[AGZ]	12.98-	112002	14 120 A47		AT 12.98-	112286	12 1.7
		12.98-	112079	14 90 A47		12.98- 10.00	114160	12 1.8
		12.98-	113340	14 70				
		12.98- 10.00	114789	14 90 A49				
		12.98- 02.01	115483	14 120 A49				
	[AQN]	09.00- 05.05	115483	14 120 A49		10.00- 05.05	114160	12 1.8
		10.00-	112002	14 120 A47		5SP 10.00- 05.05	112166	12 1.7
		10.00-	112079	14 90 A47		6SP 10.00- 05.05	112429	12 2.0
		10.00-	113340	14 70				
Bora 2.8 V6 4 Motion	[AQP]	03.99-	112079	14 90 A47		05.99- 05.00	112429	12 2.0
		03.99-	113340	14 70				
	[AUE]	01.00-	113340	14 70		01.00- 04.01	112429	12 2.0
		01.00- 04.01	115483	14 120 A49		AT 05.00- 05.05	114308	12 1.4
		05.00-	112002	14 120 A47				
		05.00-	112079	14 90 A47				
	[BDE]	05.00- 05.05	112002	14 120 A47		05.01- 05.05	112429	12 2.0
		05.01- 05.05	115483	14 120 A49				
Bora 2.8 VR6	[AUE]	03.00- 05.00	112002	14 120 A47		03.00- 05.00	112429	12 2.0
		03.00- 05.00	112079	14 90 A47		03.00- 05.00	114308	12 1.4
		03.00- 05.00	113340	14 70				
		03.00- 05.00	114789	14 90 A49				
		03.00- 05.00	115483	14 120 A49				
Caddy 1.0 TSi	[CHZG]					11.15-	115818	12 1.1
Caddy 1.2 CDTI 16V	[CBZA]	09.10-	115765	14 140		09.10-	114175	12 1.1
		09.10-	116207*	14 110		09.10-	115645	12 2.0
						09.10-	115612	12 1.2
	[CBZB]	09.10-	115765	14 140		09.10-	115612	12 1.2
		09.10-	116207*	14 110		09.10-	115645	12 2.0
Caddy 1.4	[AEX]	11.95- 12.97	111352	14 70		11.95- 01.04	112307	12 1.1
		11.95-	111479	14 90				
		PS 11.95- 12.97	111353	14 70				
		PS 11.95- 12.97	111477	14 90				
	[AKV]	11.97- 09.00	111352	14 70		11.95- 01.04	112307	12 1.1
		PS 11.97- 09.00	111353	14 70				
		PS 11.97- 09.00	111477	14 90				
	[APQ]	12.97- 01.04	111352	14 70		11.95- 01.04	112307	12 1.1
		PS 12.97- 01.04	111353	14 70				
		PS 12.97- 01.04	111477	14 90				
	[AUA]	08.00- 01.04	112274	14 90		08.00-	112307	12 1.1
		08.00- 01.04	113340	14 70				
	[AUD]	09.00- 01.04	112273	14 70		11.95- 01.04	112307	12 1.1
		09.00- 01.04	112274	14 90				
	[BCA]	03.04- 05.06	113874	14 110		03.04-	114175	12 1.1
Caddy 1.4 16V	[AUA]	08.00- 01.04	112273	14 70		08.00- 01.04	112307	12 1.1
		08.00- 01.04	112274	14 90				
	[BUD]					05.06-	114175	12 1.1
Caddy 1.4 TSi	[CZCB]					05.15-	115818	12 1.1
Caddy 1.4 TGI CNG CNG	[CPWA]					06.15-	115818	12 1.1
Caddy 1.5	[JB]	08.82- 07.83	111653	14 45				
Caddy 1.6	[1F]	11.95- 05.97	111352	14 70		11.95- 05.97	111748	12 1.1
		11.95- 05.97	111479	14 90		11.95-	111059	12 0.9
						11.95- 05.97	111909	12 1.1
						11.95- 05.97	115504	12 1.1
						11.95-	112236	12 1.8
		AC 11.95- 05.97	111477	14 90				A49
	[AEE]	06.97- 09.00	111353	14 70		10.97-	111214	12 1.0
		06.97- 09.00	111477	14 90		06.97- 09.00	112307	12 1.1
		AC 06.97-	111477	14 90				
	[BGU]	04.04-	111989	14 90		04.04- 05.05	114175	12 1.1
		04.04- 05.05	113992	14 140				
		04.04- 05.05	115482	14 90 A49				
	[BSE]	06.05-	111989	14 90		06.05-	114175	12 1.1
		06.05-	113992	14 140				
		06.05-	115482	14 90 A49				
	[BSF]	03.05-	111989	14 90		03.05-	114175	12 1.1
		03.05-	113992	14 140				
		03.05-	115482	14 90 A49				
	[CWVA]					11.15-	115945	12 1.4
	[EM]	08.82- 07.83	111653	14 45		01.83- 07.92	111059	12 0.9
	[EW]	01.83- 07.92	110360	14 45		AT 08.83- 07.92	110864	12 0.7
		08.83- 07.85	110919	14 70		08.86- 07.92	111059	12 0.9
		08.83- 07.85	111653	14 45				
		08.85- 07.92	112149	14 65				
Caddy 1.6 BiFuel	[CHGA]	05.11-	113992	14 140		05.11-	114175	12 1.1
Caddy 1.6 Diesel	[JK]	08.82- 07.85	110360	14 45		08.82- 07.90	110996	12 1.7
		08.82- 07.85	110913	14 70				A49
		08.85- 07.90	111287	14 70				
	[ME]	08.82- 07.92	110360	14 45		08.82- 03.90	110996	12 1.7
						08.82- 07.92	111060	12 1.7
Caddy 1.6 TDi	[CAYD]	08.10-	113992	14 140		DKG 08.10-	115376	12 1.8
		08.10-	115370	14 110		A25 08.10-	115336	12 2.2
		08.10-	115433	14 140		08.10-	115634	12 1.8
		05.15-	114109	14 180		08.10-	115610	12 2.0
						08.10-	114299	12 1.7
	[CAYE]	08.10-	113992	14 140		A25 08.10-	115336	12 2.2
		08.10-	115370	14 110		DKG 08.10-	114299	12 1.7
		08.10-	115433	14 140		08.10-	115376	12 1.8
		05.15-	114109	14 180				
Caddy 1.7 SDI	[AHB]	07.96- 09.00	111828	14 120		07.96- 09.00	112286	12 1.7
		07.96- 09.98	111884	14 90				
		Chas. -9K-X-515715	07.96- 09.98	111884	14 90			
Caddy 1.8	[JH]	08.85- 07.92	112149	14 65		08.85- 07.92	111059	12 0.9



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Caddy 1.9 Diesel	[1Y]	11.95- 01.04	111352	14 70	11.95- 02.02	112286	12 1.7	
		11.95-	111477	14 90				
		AC 11.95- 01.04	111477	14 90				
	[AEF]	06.96- 12.00	111820	14 90	10.97-	112236	12 1.8	
Caddy 1.9 SDi	[AEY]	11.95- 09.00	111353	14 70	11.95- 01.04	112286	12 1.7	
		11.95- 09.00	111477	14 90				
		11.95- 09.00	111828	14 120				
		Chas. -9K-X-515715	11.95- 08.98	111884	14 90			
	[AYQ]	09.00- 01.04	113340	14 70	09.00-	112307	12 1.1	
		09.00- 06.03	115483	14 120 A49	11.95- 01.04	112286	12 1.7	
Caddy 1.9 TDi	[1Z]	09.97- 01.04	111884	14 90	10.96- 03.97	115503	12 1.8 A49	
					09.97- 01.04	111900	12 1.8	
	[AHU]	10.96- 09.00	111828	14 120	10.96- 01.04	111900	12 1.8	
		10.96- 09.98	111884	14 90	10.96- 09.00	115503	12 1.8 A49	
		Chas. -9K-X-515715	10.96- 08.98	111884	14 90			
	[ALE]	09.97- 09.00	111828	14 120	10.96- 01.04	111900	12 1.8	
		Chas. -9K-X-515715	09.97- 09.00	111884	14 90	09.97- 09.00	115503	12 1.8 A49
	[ALH]	09.00- 01.04	113340	14 70	10.96- 01.04	111900	12 1.8	
		10.96- 01.04	112002	14 120 A47	09.98- 05.05	115503	12 1.8 A49	
		10.96- 01.04	112079	14 90 A47				
		10.96- 01.04	114789	14 90 A49				
		09.97-	111828	14 120				
		09.97- 09.98	111884	14 90				
		09.98- 05.05	115483	14 120 A49				
	[BJB]	04.04-	113992	14 140	04.04-	113842	12 1.7	
		04.04- 08.10	115370	14 110	04.04- 08.10	115508	12 1.7 A49	
					AT 04.04- 08.10	113509	12 1.7	
	[BLS]	06.05-	113992	14 140	04.04-	113842	12 1.7	
		06.05- 08.10	115370	14 110	06.05- 08.10	115508	12 1.7 A49	
					AT 06.05- 08.10	113509	12 1.7	
	[BSU]	09.05-	113992	14 140	09.05- 08.10	113842	12 1.7	
	09.05- 08.10	115370	14 110	09.05- 08.10	115508	12 1.7 A49		
Caddy 1.9 TDi 4 Motion	[BJB]	05.08-	113992	14 140	05.08- 08.10	113842	12 1.7	
		05.08- 08.10	115370	14 110	05.08- 08.10	115508	12 1.7 A49	
	[BLS]	05.08-	113992	14 140	05.08- 08.10	113842	12 1.7	
		05.08- 08.10	115370	14 110	05.08- 08.10	115508	12 1.7 A49	
Caddy 1.9 TDi 4motion	[BLS]	11.08- 08.10	115370	14 110				
Caddy 2.0 SDi	[BDJ]	03.04-	113992	14 140	03.04-	114173	12 1.7	
		03.04- 08.10	115370	14 110				
	[BST]	06.05-	113992	14 140	03.04-	114173	12 1.7	
		06.05- 08.10	115370	14 110				
Caddy 2.0 TDi 16V	[CFHC]	11.10-	113992	14 140	11.10-	113841	12 1.7	
		11.10-	115370	14 110	11.10-	115638	12 1.7	
		11.10-	115433	14 140				
	[CLCB]	11.10-	113992	14 140	11.10-	115638	12 1.7	
		11.10-	115370	14 110				
		11.10-	115433	14 140				
Caddy 2.0 TDi 16V 4motion	[CFHC]	11.10-	113992	14 140	11.10-	113841	12 1.7	
		11.10-	114697	14 180	A25 11.10-	115402	12 1.8	
		11.10-	115370	14 110	11.10-	115638	12 1.7	
		11.10-	115433	14 140				
Caddy 2.0 TDi	[BMM]	09.07-	113992	14 140	09.07- 08.10	113841	12 1.7	
		09.07- 08.10	115370	14 110				
	[CFHC]	05.15-	113992	14 140	05.15-	115402	12 1.8	
		05.15-	114109	14 180	05.15-	113841	12 1.7	
		05.15-	115433	14 140	05.15-	115638	12 1.7	
					05.15-	115539	12 2.0 A49	
					05.15-	116156	12 2.0	
	[CFHE]	11.10-	113992	14 140	11.10-	113841	12 1.7	
		11.10-	115370	14 110				
		11.10-	115433	14 140				
	[CFJA]	05.12-	113992	14 140	05.12-	115539	12 2.0	
		05.12-	115370	14 110	05.12-	115638	12 1.7	
		05.12-	115433	14 140	05.12-	116156	12 2.0	
	[CLCA]	08.10-	113992	14 140	08.10-	114299	12 1.7	
		08.10-	115370	14 110				
		08.10-	115433	14 140				
	[CUUB]	05.15-	115826	14 140 A49	05.15-	115539	12 2.0 A49	
		05.15-	116359*	14 140	05.15-	116156	12 2.0	
					05.15-	115402	12 1.8	
	[CUUD]	05.15-	115826	14 140 A49	05.15-	115539	12 2.0 A49	
		05.15-	116359*	14 140	05.15-	116156	12 2.0	
					05.15-	115336	12 2.2	
					05.15-	115339	12 2.0	
	[CUUF]	05.15-	115826	14 140 A49	05.15-	115336	12 2.2	
		05.15-	116359*	14 140	05.15-	115402	12 1.8	
	Caddy 2.0 TDi 4motion	[CFHC]	05.15-	113992	14 140	05.15-	115539	12 2.0 A49
			05.15-	114109	14 180	05.15-	115638	12 1.7
			05.15-	115433	14 140	05.15-	116156	12 2.0
						05.15-	113841	12 1.7
						05.15-	115402	12 1.8
		[CFHE]	12.10-	113992	14 140	12.10-	113841	12 1.7
			12.10-	115370	14 110			
			12.10-	115433	14 140			
		[CFHF]	08.10-	113992	14 140	08.10-	113841	12 1.7
			08.10-	115370	14 110	05.15-	115402	12 1.8
			08.10-	115433	14 140			
			05.15-	114109	14 180			
		[CUUE]	05.15-	115826	14 140 A49	05.15-	115402	12 1.8
			05.15-	116359*	14 140			
		[DFSJ]	11.15-	115826	14 140 A49	11.15-	115539	12 2.0 A49
		11.15-	116359*	14 140	11.15-	116156	12 2.0	
	[DFSC]	11.15-	115826	14 140 A49	11.15-	115402	12 1.8	
	11.15-	116359*	14 140					



Caddy 2.0 EcoFuel	[BSX]	04.06-	113992	14	140	04.06-	114175	12	1.1
Caddy Alltrack 1.0 TSi	[CHZG]					11.15-	115818	12	1.1
Caddy Alltrack 1.4 TGI CNG CNG	[CPWA]					06.15-	115818	12	1.1
Caddy Alltrack 1.4 TSi	[CZCB]					05.15-	115818	12	1.1
Caddy Alltrack 2.0 TDi	[CUUB]	05.15-	115826	14	140 A49	05.15-	115539	12	2.0 A49
		05.15-	116359*	14	140	05.15-	116156	12	2.0
						05.15-	115336	12	2.2
						05.15-	115402	12	1.8
	[CUUD]	05.15-	115826	14	140 A49	05.15-	116156	12	2.0
		05.15-	116359*	14	140	05.15-	115539	12	2.0 A49
						05.15-	115336	12	2.2
	[CUUF]	05.15-	115826	14	140 A49	05.15-	115336	12	2.2
		05.15-	116359*	14	140				
	[DFSB]	05.15-	115826	14	140 A49	05.15-	115539	12	2.0 A49
		05.15-	116359*	14	140	05.15-	116156	12	2.0
						05.15-	115336	12	2.2
						05.15-	115402	12	1.8
	[DFSD]	05.15-	115826	14	140 A49	05.15-	115539	12	2.0 A49
		05.15-	116359*	14	140	05.15-	116156	12	2.0
						05.15-	115336	12	2.2
	[DFSF]	05.15-	115826	14	140 A49	05.15-	115336	12	2.2
		05.15-	116359*	14	140				
Caddy Alltrack 2.0 TDi 4 Motion	[CUUE]	05.15-	115826	14	140 A49	05.15-	115402	12	1.8
		05.15-	116359*	14	140	05.15-	115336	12	2.2
	[DFSB]	11.15-	115826	14	140 A49	11.15-	115539	12	2.0 A49
		11.15-	116359*	14	140	11.15-	116156	12	2.0
	[DFSE]	05.15-	115826	14	140 A49	05.15-	115402	12	1.8
		05.15-	116359*	14	140	05.15-	115336	12	2.2
Caravelle 1.8	[PD]	12.90- 07.92	112149	14	65	12.90- 07.92	112306	12	1.1
CC 1.4 TSi MultiFuel	[CKMA]	11.11-	115528	14	140 A49	11.11-	115612	12	1.2
		11.11-	116345*	14	140				
CC 1.4 TSi	[CTHD]	11.11-	115528	14	140 A49	11.11-	115612	12	1.2
		11.11-	116345*	14	140	11.11-	115944	12	1.7
	[CZDA]					05.15-	115818	12	1.1
CC 1.8 TSi	[CDAA]	02.12-	114722	14	140	11.11-	115612	12	1.2
						A25 02.12-	115337	12	2.0
CC 2.0 TSi	[CCZB]	02.12-	114722	14	140	11.11-	115900	12	1.1
						02.12-	113773	12	1.1
CC 2.0 TDi	[CFFA]	11.11-	113992	14	140	11.11-	113841	12	1.7
		11.11-	114109	14	180	A25 11.11-	115402	12	1.8
		11.11-	114831	14	180	11.11-	115638	12	1.7
		11.11-	115713	14	180 A49				
		11.11-	116319	14	180				
	[CFFB]	11.11-	114831	14	180	11.11-	115539	12	2.0 A49
		11.11-	115713	14	180 A49	11.11-	115638	12	1.7
		11.11-	116319	14	180	11.11-	116156	12	2.0
		02.12-	113992	14	140	A25 11.11-	115402	12	1.8
						02.12-	113841	12	1.7
	[CFGB]	11.11-	113992	14	140	A25 11.11-	115402	12	1.8
		11.11-	114831	14	180	11.11-	115638	12	1.7
		11.11-	115713	14	180 A49	02.12-	113841	12	1.7
		11.11-	116319	14	180				
	[CFGC]	12.12-	113992	14	140	A25 12.12-	115402	12	1.8
		12.12-	114831	14	180	12.12-	115638	12	1.7
						12.12-	113841	12	1.7
	[CLLA]	11.11-	113992	14	140	11.11-	115638	12	1.7
		11.11-	115713	14	180 A49				
		11.11-	116319	14	180				
	[CUVC]	05.15-	115826	14	140 A49	05.15-	115539	12	2.0 A49
		05.15-	116359*	14	140	05.15-	116156	12	2.0
						05.15-	115402	12	1.8
	[CUWA]	05.15-	115826	14	140 A49	05.15-	115539	12	2.0 A49
		05.15-	116359*	14	140	05.15-	116156	12	2.0
						05.15-	115402	12	1.8
CC 2.0 TDi 4 Motion	[CFFB]	11.11-	113992	14	140	11.11-	113841	12	1.7
		11.11-	114109	14	180	11.11-	115402	12	1.8
		11.11-	114831	14	180	11.11-	115638	12	1.7
		11.11-	115713	14	180 A49				
		11.11-	116319	14	180				
	[CFGB]	11.11-	113992	14	140	11.11-	113841	12	1.7
		11.11-	114109	14	180	A25 11.11-	115402	12	1.8
		11.11-	115713	14	180 A49	11.11-	115638	12	1.7
		11.11-	116319	14	180				
CC 2.0 TDi 4motion	[CFGC]	12.12-	113992	14	140	A25 12.12-	115402	12	1.8
		12.12-	114831	14	180	12.12-	115638	12	1.7
						12.12-	113841	12	1.7
CC 3.6 FSi 4motion	[BWS]	02.12-	116438*	14	180	02.12-	113509	12	1.7
Corrado 1.8 16V	[KR]	08.89- 07.92	112750	14	90	08.90- 07.91	112131	12	1.4
						AT 09.88- 07.91	111059	12	0.9
						08.91- 07.92	111748	12	1.1
						08.91- 07.92	111749	12	1.1
Corrado 1.8 G60	[PG]					AT 09.88- 07.91	111059	12	0.9
						08.91- 09.93	111748	12	1.1
						08.91- 09.93	111749	12	1.1
						08.90- 07.91	112131	12	1.4
Corrado 2.0 i 16V	[9A]	08.91- 07.95	112750	14	90	08.91- 07.95	111749	12	1.1
						AT 08.91- 07.95	111748	12	1.1
Corrado 2.0 i	[2E]	04.93- 09.94	111352	14	70	04.93- 09.94	111749	12	1.1
		04.93- 09.94	111479	14	90				
		AC 04.93- 09.94	111477	14	90				
	[ADY]	10.94- 07.95	111352	14	70	AT 10.94- 07.95	111748	12	1.1
		10.94- 07.95	111479	14	90	10.94- 07.95	111749	12	1.1
Corrado 2.9 VR6	[ABV]	08.91- 07.92	111353	14	70	AT 08.91-	112286	12	1.7
		08.92-	111477	14	90	08.91-	112166	12	1.7
		08.92- 06.95	111991	14	120				
		06.95-	112709	14	120				



Application list

VW Continued

Crafter 2.0 TDI	[DASA]	08.17-	115826	14	140						
		08.17-	116195*	14	180						
		08.17-	116359*	14	140						
	[DAUA]	09.16-	115826	14	140 A49	DKG	09.16-	115402	12	1.8	
		09.16-	116195*	14	180						
		09.16-	116359*	14	140						
	[DAUB]	10.16-	115826	14	140 A49	DKG	10.16-	115402	12	1.8	
		10.16-	116195*	14	180						
		10.16-	116359*	14	140						
	[DAVA]	09.16-	115826	14	140 A49	DKG	09.16-	115402	12	1.8	
		09.16-	116195*	14	180						
		09.16-	116359*	14	140						
	[DAWA]	05.17-	115826	14	140	DKG	05.17-	115402	12	1.8	
		05.17-	116195*	14	180						
		05.17-	116359*	14	140						
Crafter 2.0 TDI 4motion	[DAUA]	04.17-	115826	14	140	DKG	04.17-	115402	12	1.8	
		04.17-	116195*	14	180						
		04.17-	116359*	14	140						
Crafter 30-35 2.0 TDi	[CKTC]	05.11-	114697	14	180		05.11-	116248*	12	2.2	
		05.11-	115707	14	110	A25	05.11-	115736	12	1.7	
		05.11-	115730	14	140						
		05.11-	116359*	14	140						
		A25 05.11-	115826	14	140 A49						
	A25 05.11-	116195*	14	180							
	[CKUB]	07.11-	115707	14	110						
	[CSLB]	11.13-	115707	14	110						
	[CSNA]	07.11-	115707	14	110						
	Crafter 30-35 2.0 TDi 4motion	[CKUB]	11.11-	115707	14	110		11.11-	115736	12	1.7
[CSNA]		11.11-	115707	14	110		11.11-	115736	12	1.7	
Crafter 30-35 2.5 TDi	[BJJ]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[BJK]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[BJL]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[BJM]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CEBA]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CEBB]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CECA]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CECB]	04.06-	113992	14	140						
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	Crafter 30-50 2.0 TDi	[CKTC]	05.11-	114697	14	180		05.11-	116248*	12	2.2
			05.11-	115707	14	110	A25	05.11-	115736	12	1.7
			05.11-	115730	14	140					
			05.11-	116359*	14	140					
			A25 05.11-	115826	14	140 A49					
		A25 05.11-	116195*	14	180						
[CKUB]		07.11-	115707	14	110		07.11-	115736	12	1.7	
[CSLB]		11.13-	115707	14	110						
[CSLC]		11.15-	115707	14	110						
		11.15-	115826	14	140 A49						
	11.15-	116359*	14	140							
[CSNA]	07.11-	115707	14	110		07.11-	115736	12	1.7		
Crafter 30-50 2.5 TDi	[BJJ]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[BJK]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[BJL]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[BJM]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CEBA]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CEBB]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CECA]	04.06-	113992	14	140		04.06-	114317	12	2.0	
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	[CECB]	04.06-	113992	14	140						
		04.06-	115370	14	110						
		04.06-	116038	14	180						
	Derby 0.9	[HA]	08.79- 09.81	110913	14	70					
			02.80- 09.81	110360	14	45					
	Derby 1.0	[GL]	10.81- 12.84	110360	14	45					
			10.81- 12.84	110913	14	70					
	Derby 1.1	[HB]	02.77- 07.83	110360	14	45					
			08.79- 07.83	110913	14	70					
Derby 1.3	[GK]	09.82- 12.84	110360	14	45						
		09.82- 12.84	110913	14	70						



	[HH]	08.79-07.83	110913	14 70				
		02.80-07.83	110360	14 45				
	[HJ]	01.77-09.81	110360	14 45				
		08.79-09.81	110913	14 70				
	[HK]	08.83-12.84	110360	14 45				
		08.83-12.84	110913	14 70				
Eos 1.4 TSi	[CAVD]	05.08-	114769	14 110		05.08-	114163	12 1.1
	[CAXA]	11.07-	114884	14 140		05.08-	114163	12 1.1
		11.07-	115528	14 140 A49				
		11.07-	116345*	14 140				
	[CTHD]	05.08-	114769	14 110		05.08-	114163	12 1.1
Eos 1.6 FSi	[BLF]	06.06-	114769	14 110		06.06-	114175	12 1.1
Eos 2.0 FSi	[BVY]	03.06-	113992	14 140		03.06-	114163	12 1.1
	[BVZ]	03.06-	113992	14 140		03.06-	114163	12 1.1
Eos 2.0 TFSi	[BWA]	03.06-	113992	14 140		03.06-	115900	12 1.1
						AT 03.06-	115333	12 1.0
						03.06-	113773	12 1.1
	[CAWB]	05.08-	113992	14 140		03.06-	113773	12 1.1
		05.08-	114722	14 140		05.08-	115900	12 1.1
	[CCZA]	05.09-	114722	14 140		03.06-	113509	12 1.7
						05.09-	115900	12 1.1
						AT 05.09-	115333	12 1.0
Eos 2.0 TSi	[CCZB]	11.09-	114722	14 140		11.09-	115900	12 1.1
						DKG 11.09-	115333	12 1.0
						11.09-	113773	12 1.1
Eos 2.0 TDi 16V	[CBAB]	05.08-	113992	14 140		05.08-	115638	12 1.7
		05.08-	115433	14 140				
	[CFFB]	05.08-	113992	14 140		05.08-	115638	12 1.7
		05.08-	115433	14 140				
Eos 2.0 TDi	[BMM]	06.06-	113992	14 140		06.06-	113841	12 1.7
		06.06-	115370	14 110				
	[CFFA]	05.08-	114697	14 180		A25 05.08-	115402	12 1.8
		05.08-	115433	14 140		05.08-	115539	12 2.0 A49
						05.08-	115638	12 1.7
						05.08-	116156	12 2.0
Eos 3.2 FSi	[BUB]	06.06-	113992	14 140		06.06-	113509	12 1.7
		06.06-	115370	14 110				
Eurovan 1.8		12.90-07.92	112149	14 65		12.90-07.92	112306	12 1.1
Fox 1.2	[BMD]	04.05-	113253	14 90		04.05-	113515	12 0.9
	[CHFA]	09.10-	113253	14 90		09.10-	113515	12 0.9
	[CHFB]	04.05-	113253	14 90		04.05-	113515	12 0.9
Fox 1.4	[BKR]	AC 04.05-	112274	14 90		04.05-	113515	12 0.9
Fox 1.4 TDi	[BNM]	04.05-	112079	14 90 A47		04.05-	112438	12 2.0 A49
		04.05-	114789	14 90 A49		04.05-	116335*	12 2.0
		04.05-	115764	14 90				
Golf 1.6 BiFuel Plus	[CHGA]	05.09-	113992	14 140		05.09-	114176	12 1.0
		05.09-	115621	14 110				
Golf 1.6 TDi Plus	[CAYB]	02.09-	113992	14 140		02.09-	114299	12 1.7
		02.09-	115433	14 140				
Golf VI 1.2 TSi	[CBZA]	05.10-11.12	115765	14 140		05.10-	114175	12 1.1
		05.10-11.12	115767	14 140		A50 05.10-11.12	115337	12 2.0
		05.10-11.12	116207*	14 110		05.10-11.12	115645	12 2.0
	[CBZB]	06.11-	115765	14 140		06.11-	114175	12 1.1
		06.11-	116207*	14 110		06.11-	115645	12 2.0
Golf VI 1.4 TSi	[CAVD]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CAXA]	06.11-	113861	14 110		06.11-	115612	12 1.2
	[CHPB]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
	[CNWA]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CTHD]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CTKA]	06.11-	113861	14 110		06.11-	114163	12 1.1
		06.11-	114884	14 140		06.11-	115612	12 1.2
	[CXSB]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
	[CZCA]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
	[CZDA]					11.13-	115338	12 2.0
						11.13-	115818	12 1.1
Golf VI 1.6 Multijet	[CMXA]	07.09-	113861	14 110		07.09-	114176	12 1.0
		07.09-	113992	14 140				
Golf VI 1.6 TDi	[CAYC]	06.11-	113992	14 140		A25 06.11-	115336	12 2.2
		06.11-	115433	14 140				
Golf VI 2.0 TSi	[CCZB]	06.11-	114722	14 140		06.11-	115900	12 1.1
						06.11-	113773	12 1.1
Golf VI 2.0 TDi	[CFHC]	06.11-	115433	14 140		06.11-	115402	12 1.8
	[CUUA]	11.13-	115826	14 140 A49		11.13-	115336	12 2.2
		11.13-	116359*	14 140				
Golf Alltrack 1.6 TDi 4motion	[CRKB]	12.14-	115826	14 140 A49				
		12.14-	116359*	14 140				
	[CXXB]	12.14-	115826	14 140 A49		12.14-	115402	12 1.8
		12.14-	116359*	14 140				
Golf Alltrack 1.8 TSi 4motion	[CJSB]					12.14-	115561	12 1.7
Golf Alltrack 2.0 TDi 4motion	[CRBC]	12.14-	115826	14 140 A49		12.14-	115402	12 1.8
		12.14-	116359*	14 140				
	[CRLB]	12.14-	115826	14 140 A49		12.14-	115402	12 1.8
		12.14-	116359*	14 140				
	[CUNA]	12.14-	115826	14 140 A49		12.14-	115638	12 1.7
		12.14-	116359*	14 140				
Golf I 1.1	[FA]	04.74-07.79	110360	14 45				
	[GG]	04.74-07.83	110360	14 45				
		08.79-07.83	110913	14 70				
Golf I 1.3	[GF]	09.79-07.83	110913	14 70		06.74-07.83	110864	12 0.7
		02.80-07.83	110360	14 45				



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	[GS]	08.82- 07.83	110360	14 45				
		08.82- 07.83	110913	14 70				
Golf I 1.5	[FH]					AT 04.74- 12.75	110864	12 0.7
	[JB]	08.77- 07.83	110360	14 45		AT 04.74- 07.83	110864	12 0.7
		08.79- 07.83	111653	14 45				
Golf I 1.5 Diesel	[CK]	08.79- 07.80	110360	14 45				
		08.79- 07.80	110913	14 70				
Golf I 1.6	[EG]	01.79- 07.82	111653	14 45		AT 08.79- 07.82	110864	12 0.7
	[EM]	08.79- 07.83	110919	14 70		08.79- 07.83	110864	12 0.7
		08.79- 07.83	111653	14 45				
	[EW]	08.83- 07.85	110919	14 70		AT 08.83- 12.92	110864	12 0.7
		08.85- 12.92	112149	14 65		08.83- 12.92	111059	12 0.9
	[FN]					08.75- 02.84	111059	12 0.9
	[FP]					AT 08.75- 07.77	110864	12 0.7
	[FT]					AT 08.75- 07.77	110864	12 0.7
	[RE]	04.86- 07.90	112149	14 65		04.86- 02.90	111059	12 0.9
						AT 04.86- 02.90	110864	12 0.7
Golf I 1.6 GTi	[EG]	09.77- 07.82	111653	14 45				
Golf I 1.6 Diesel	[CR]	08.80- 07.83	110360	14 45		08.80- 07.83	110996	12 1.7 A49
		08.80- 07.83	110913	14 70				
	[JK]	08.80- 07.83	110360	14 45		08.80- 07.83	110996	12 1.7 A49
		08.80- 07.83	110913	14 70				
Golf I 1.6 TD	[CY]	03.82- 07.83	110360	14 45		03.82- 07.83	110996	12 1.7 A49
		03.82- 07.83	110913	14 70				
Golf I 1.8	[2H]	08.89- 08.93	112149	14 65		08.89- 08.93	111059	12 0.9
	[DX]	08.82- 07.83	111653	14 45		08.83- 07.92	111059	12 0.9
		08.83- 07.85	110919	14 70				
		08.85- 07.92	112149	14 65				
	[EV]	01.84- 07.85	110919	14 70		01.84- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[EX]	08.83- 07.85	110919	14 70		08.83- 12.92	111059	12 0.9
		08.85- 12.92	112149	14 65				
	[JH]	08.83- 07.85	110919	14 70		08.83- 08.93	111059	12 0.9
		08.85- 08.93	112149	14 65		AT 08.83- 08.93	110864	12 0.7
	[PB]	01.87- 07.92	112149	14 65		01.87- 07.92	111059	12 0.9
Golf I 1.8 GTi	[DX]	08.82- 07.83	111653	14 45				
	[JJ]	08.82- 07.83	111653	14 45		08.82- 12.83	111748	12 1.1
Golf II 1.0	[HZ]	08.85- 10.91	111288	14 65				
Golf II 1.3	[2G]	01.89- 07.92	111288	14 65				
	[GT]	07.85- 07.87	111288	14 65				
	[MH]	08.85- 12.88	111288	14 65				
	[NU]	08.85- 12.87	111288	14 65				
	[NZ]	08.85- 07.92	111288	14 65				
Golf II 1.6	[ABN]	08.83- 07.85	110919	14 70		08.83- 08.91	111748	12 1.1
		08.85- 07.88	112149	14 65				
	[EZ]	08.83- 07.85	110919	14 70		AT 08.83- 08.91	110864	12 0.7
		08.85- 08.91	112149	14 65		08.83- 08.91	111059	12 0.9
	[HM]	08.83- 07.85	110919	14 70		AT 08.83- 07.88	110864	12 0.7
		08.85- 07.88	112149	14 65		08.83- 07.88	111059	12 0.9
	[PN]	10.86- 07.92	112149	14 65		08.86- 07.92	111059	12 0.9
						AT 08.86- 07.92	110864	12 0.7
	[RF]	02.86- 10.91	112149	14 65		02.86- 10.91	111059	12 0.9
						AT 02.86- 10.91	110864	12 0.7
Golf II 1.6 Diesel	[JP]	08.85- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		08.85- 10.91	111288	14 65		08.83- 10.91	111060	12 1.7
		AC 08.83- 05.84	112729	14 90				
	[ME]	05.88- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		05.88- 10.91	111288	14 65		05.88- 10.91	111060	12 1.7
Golf II 1.6 TD	[1V]	08.89- 07.92	111154	14 65		08.89- 07.92	111060	12 1.7
		08.89- 07.92	111288	14 65				
	[JR]	08.85- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		08.85- 10.91	111288	14 65		08.83- 10.91	111060	12 1.7
		AC 08.83- 05.84	112729	14 90				
	[MF]	05.88- 10.91	111154	14 65		08.83- 07.92	111059	12 0.9
		05.88- 10.91	111288	14 65		05.88- 10.91	111060	12 1.7
	[RA]	04.89- 02.90	111154	14 65		04.89- 02.90	111060	12 1.7
		04.89- 02.90	111288	14 65				
	[SB]	04.89- 10.91	111154	14 65		04.89- 10.91	111060	12 1.7
		04.89- 10.91	111288	14 65				
Golf II 1.8	[GU]	08.83- 07.85	110919	14 70		08.83- 10.91	111059	12 0.9
		08.85- 10.91	112149	14 65				
	[GX]	06.83- 07.85	110919	14 70		08.83- 10.91	111059	12 0.9
		08.85- 10.91	112149	14 65				
	[HV]	08.83- 07.85	110919	14 70		08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[RH]	08.86- 07.90	112149	14 65		08.86- 07.90	111059	12 0.9
	[RP]	06.83- 07.85	110919	14 70		08.87- 10.91	111748	12 1.1
		08.85- 10.91	112149	14 65				
Golf II 1.8 Syncro	[1P]	08.88- 07.91	112149	14 65		08.88- 07.91	111059	12 0.9
	[GU]	02.86- 07.91	112149	14 65		02.86- 07.91	111059	12 0.9
	[GX]	02.86- 07.88	112149	14 65		02.86- 07.88	111059	12 0.9
	[RH]	08.87- 07.88	112149	14 65		08.87- 07.88	111059	12 0.9
	[RP]	08.87- 10.91	112149	14 65		08.87- 07.91	111059	12 0.9
Golf II 1.8 G60 GTi	[PG]					08.90- 07.91	112131	12 1.4
Golf II 1.8 G60 Syncro	[1H]					04.90- 07.91	112131	12 1.4
	[PG]					08.90- 07.91	112131	12 1.4
Golf II 1.8 GTi 16V	[KR]					02.86- 10.91	111059	12 0.9
	[PL]					02.86- 10.91	111059	12 0.9
Golf II 1.8 GTi	[DX]					AT 11.84- 12.92	110864	12 0.7
	[EV]	08.83- 07.85	110919	14 70		08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[GZ]	08.83- 07.85	110919	14 70		08.83- 07.87	111059	12 0.9
		08.85- 07.87	112149	14 65				
	[HT]	01.85- 07.85	110919	14 70				
	[PB]	08.85- 10.91	112149	14 65		01.87- 10.91	111059	12 0.9
	[PF]	08.85- 10.91	112149	14 65		08.85- 10.91	111059	12 0.9
	[RD]	08.85- 10.87	112149	14 65		08.85- 10.87	111059	12 0.9



	[RV]	01.85- 07.85	110919	14	70					
Golf III 1.4	[ABD]	11.91- 07.95	111352	14	70	07.95- 12.97	112236	12	1.8	
		11.91- 07.95	111479	14	90	08.92- 07.95	112307	12	1.1	
		PS 11.91- 07.95	111353	14	70	03.95-	111059	12	0.9	
		PS 11.91- 07.95	111477	14	90	04.94- 07.95	111748	12	1.1	
		AC 11.91- 07.95	111353	14	70					
		AC 11.91- 07.95	111477	14	90					
		[AEX]	07.95- 04.99	111352	14	70	07.95- 12.97	112236	12	1.8
			07.95- 04.99	111479	14	90	07.95- 04.99	115504	12	1.1
							03.95-	111059	12	0.9
			PS 07.95- 04.99	111353	14	70	11.91- 04.99	111748	12	1.1
			PS 07.95- 04.99	111477	14	90	11.91- 04.99	111909	12	1.1
		[APO]	12.97- 05.98	111352	14	70	12.97- 05.98	111909	12	1.1
			12.97- 05.98	111479	14	90	12.97- 05.98	111748	12	1.1
							03.95-	111059	12	0.9
			AC 12.97- 05.98	111353	14	70	07.95- 12.97	112236	12	1.8
			AC 12.97- 05.98	111477	14	90	12.97- 05.98	115504	12	1.1
			AC 08.91- 05.96	111820	14	90	08.91- 05.96	111909	12	1.1
			08.91- 05.96	111479	14	90				
			08.91- 05.96	111477	14	90				
			08.91- 05.96	111353	14	70				
		08.91- 05.96	111352	14	70					
Golf III 1.6	[ABU]	09.92- 09.94	111352	14	70	09.92- 09.94	112307	12	1.1	
		09.92- 09.94	111479	14	90					
		ACPS 09.92- 09.94	111353	14	70					
		ACPS 09.92- 09.94	111477	14	90					
		AC 09.92- 09.94	111353	14	70					
		AC 09.92- 09.94	111477	14	90					
		[AEA]	10.94- 12.97	111352	14	70	10.94- 03.95	115504	12	1.1
			10.94- 12.97	111479	14	90	10.94- 12.97	112236	12	1.8
							10.94- 12.97	111748	12	1.1
							10.94- 12.97	111909	12	1.1
		[AEE]	07.95- 12.97	111353	14	70	07.95- 12.97	112236	12	1.8
			07.95- 12.97	111477	14	90	02.96- 12.97	115504	12	1.1
							03.95-	111059	12	0.9
							07.95- 12.97	111748	12	1.1
							07.95- 12.97	111909	12	1.1
		[AEK]	10.94- 12.95	111352	14	70	10.94- 12.95	111748	12	1.1
			10.94- 12.95	111479	14	90	10.94- 12.97	112236	12	1.8
			PS 07.94- 12.95	111353	14	70	10.94- 12.95	111909	12	1.1
			PS 07.94- 12.95	111477	14	90	10.94- 12.95	115504	12	1.1
			AC 07.94- 12.95	111353	14	70				
			AC 07.94- 12.95	111477	14	90				
		[AFT]	12.95- 02.99	111352	14	70	12.95- 05.98	111909	12	1.1
			12.95- 02.99	111479	14	90	12.95- 12.97	112236	12	1.8
			PS 12.95- 02.99	111353	14	70	12.95- 05.98	115504	12	1.1
			PS 12.95- 02.99	111477	14	90	12.95- 02.99	111748	12	1.1
			AC 12.95- 02.99	111353	14	70				
			AC 12.95- 02.99	111477	14	90				
		[AKS]	12.95- 02.99	111352	14	70	05.97- 12.97	112236	12	1.8
			12.95- 12.97	111353	14	70	04.97- 10.00	111909	12	1.1
			12.95- 02.99	111479	14	90	12.95- 02.99	111748	12	1.1
		PS 05.97- 02.99	111353	14	70	05.97- 10.00	115504	12	1.1	
		PS 05.97- 02.99	111477	14	90					
		AC 12.95- 02.99	111477	14	90					
		AC 05.97- 02.99	111353	14	70					
Golf III 1.8	[ABS]	11.91- 07.95	111352	14	70	11.91- 07.95	111909	12	1.1	
		11.91- 07.95	111479	14	90	11.91- 07.95	115504	12	1.1	
		AC 11.91- 09.94	111353	14	70	11.91- 07.95	111748	12	1.1	
		AC 11.91- 07.95	111477	14	90					
		[ACC]				11.91- 08.97	111748	12	1.1	
						11.91- 08.97	111909	12	1.1	
						12.94- 12.97	112236	12	1.8	
						11.91- 12.97	115504	12	1.1	
		[ADZ]	10.94- 04.99	111352	14	70	10.94- 12.97	111748	12	1.1
			10.94- 04.99	111479	14	90	10.94- 04.99	115504	12	1.1
			AC 10.94- 04.99	111353	14	70	10.94- 04.99	111909	12	1.1
			AC 10.94- 04.99	111477	14	90	10.94- 12.97	112236	12	1.8
		[ANN]				07.93- 04.99	111909	12	1.1	
						07.93- 04.99	115504	12	1.1	
		[ANP]				07.93- 04.99	111909	12	1.1	
						12.97- 04.99	115504	12	1.1	
		[AAM]	11.91- 04.99	111352	14	70	11.91- 04.99	111909	12	1.1
			11.91- 04.99	111479	14	90	11.91- 04.99	115504	12	1.1
		PS 07.92- 12.97	111353	14	70	11.91- 05.98	111748	12	1.1	
		AC 11.91- 04.99	111353	14	70	11.91-	112236	12	1.8	
		AC 11.91- 04.99	111477	14	90					
Golf III 1.8 Syncro	[ABS]	01.93- 09.94	111352	14	70	09.93- 07.95	112236	12	1.8	
		01.93- 09.94	111479	14	90	01.93- 09.94	111749	12	1.1	
		AC 01.93- 09.94	111353	14	70					
		AC 01.93- 09.94	111477	14	90					
		[ADZ]	10.94- 12.97	111352	14	70	10.94- 12.97	112005	12	1.1
			10.94- 12.97	111479	14	90	10.94- 12.97	111749	12	1.1
Golf III 1.9 Diesel	[1Y]	11.91- 04.99	111352	14	70	ECO 11.91- 04.99	112286	12	1.7	
		11.91- 04.99	111479	14	90					
		AC 11.91- 12.97	111353	14	70					
		AC 11.91- 12.97	111477	14	90					
		AC 07.93- 04.99	111884	14	90					
Golf III 1.9 SDI	[AEY]	01.95-	111988	14	120	01.95-	112286	12	1.7	
		04.97-	111353	14	70	07.95- 08.97	115503	12	1.8	
		AC 01.95-	111353	14	70	01.95- 12.95	111900	12	1.8	
		AC 01.95-	111477	14	90					



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Golf III 1.9 TD	[AAZ]	11.91- 04.99	111352	14 70	07.93- 04.99	115503	12 1.8	A49	
		11.91- 04.99	111479	14 90	07.96-	111900	12 1.8		
		AC 11.91- 04.99	111353	14 70	11.91- 04.99	112286	12 1.7		
		AC 11.91- 04.99	111477	14 90					
		AC 11.91- 04.99	111884	14 90					
Golf III 1.9 TDi	[1Z]	09.93- 07.96	111353	14 70	AT 04.94- 07.96	112286	12 1.7		
		09.93- 07.96	111477	14 90	04.94- 07.96	115503	12 1.8	A49	
		09.93- 07.96	111988	14 120	04.94- 07.96	111900	12 1.8		
		AC 08.95- 05.98	111828	14 120					
		AC 08.95- 05.98	111884	14 90					
	[AFN]	03.96- 04.98	111353	14 70	02.96-	111900	12 1.8		
		03.96- 04.98	111477	14 90	02.96- 08.99	115503	12 1.8	A49	
		03.96-	111988	14 120	AT 02.96-	112286	12 1.7		
		04.96- 08.99	111828	14 120					
	[AHU]	07.96- 02.99	111353	14 70	07.96- 02.99	111900	12 1.8		
		07.96- 02.99	111477	14 90	AT 08.96- 02.99	112286	12 1.7		
		07.96- 02.99	111988	14 120	07.96- 02.99	115503	12 1.8	A49	
		08.96- 12.97	111828	14 120					
		AC 08.96- 05.98	111828	14 120					
	[ALE]	07.95- 04.99	111353	14 70	07.95- 04.99	115503	12 1.8	A49	
07.95- 04.99		111477	14 90	03.94- 04.99	111900	12 1.8			
07.95- 04.99		111988	14 120	AT 08.95- 05.98	112286	12 1.7			
05.97- 12.97		111828	14 120						
AC 08.95- 05.98		111828	14 120						
[AVG]				06.98- 06.02	111900	12 1.8			
Golf III 1.9 TDi Syncro	[1Z]	08.95- 07.96	111353	14 70	03.95- 07.96	111900	12 1.8		
		08.95- 07.96	111477	14 90	03.95- 07.96	115503	12 1.8	A49	
		08.95- 07.96	111988	14 120					
	[AHU]	07.96-	111353	14 70	08.96- 06.00	115503	12 1.8	A49	
		07.96-	111477	14 90	07.96-	111900	12 1.8		
		07.96-	111988	14 120					
	A21	08.96- 12.97	111828	14 120					
	[ALE]	05.96-	111353	14 70	05.96-	111900	12 1.8		
		05.96-	111477	14 90	05.96- 12.01	115503	12 1.8	A49	
05.96-		111988	14 120						
Golf III 2.0	[2E]	07.93- 09.94	111352	14 70	09.93- 09.94	111909	12 1.1		
		07.93- 09.94	111479	14 90	09.93- 09.94	115504	12 1.1	A49	
		AC 09.93- 09.94	111353	14 70	07.93- 09.94	111748	12 1.1		
		AC 09.93- 09.94	111477	14 90					
	[ADY]	10.94- 05.96	111352	14 70	10.94- 05.96	111909	12 1.1		
		10.94- 05.96	111479	14 90	10.94- 05.96	115504	12 1.1	A49	
		AC 10.94- 07.95	111353	14 70	10.94- 07.95	112236	12 1.8		
		AC 10.94- 07.95	111477	14 90	10.94- 05.96	111748	12 1.1		
	[AGG]	07.95- 04.99	111352	14 70	07.95- 04.99	115504	12 1.1	A49	
		07.95- 04.99	111479	14 90	07.95- 04.99	111909	12 1.1		
		AC 07.95- 04.99	111353	14 70	07.95-	112236	12 1.8		
		AC 07.95- 04.99	111477	14 90	07.95- 04.99	111748	12 1.1		
	[AKR]	04.97- 04.99	111352	14 70	04.97- 04.99	115504	12 1.1	A49	
		04.97- 04.99	111479	14 90	04.97- 04.99	111748	12 1.1		
		AC 04.97- 04.99	111353	14 70	04.97- 04.99	111909	12 1.1		
		AC 04.97- 04.99	111477	14 90					
	Golf III 2.0 Syncro	[AGG]	08.95- 12.97	111352	14 70	07.95-	111749	12 1.1	
			08.95- 12.97	111353	14 70	10.95- 12.97	112005	12 1.1	
08.95-			111479	14 90					
AC 08.95- 12.97			111353	14 70					
AC 08.95- 12.97			111477	14 90					
Golf III 2.0 GTi 16V	[ABF]	08.92- 12.97	111353	14 70	08.92- 12.97	112005	12 1.1		
		08.92- 12.97	111477	14 90	08.92- 12.97	115504	12 1.1	A49	
					AT 08.92- 12.97	111748	12 1.1		
			08.92- 12.97	111909	12 1.1				
			08.92- 12.97	111749	12 1.1				
Golf III 2.0 GTi	[2E]	11.91- 09.94	111352	14 70	11.91- 08.97	111909	12 1.1		
		11.91- 09.94	111479	14 90	11.91- 09.94	111748	12 1.1		
		AC 11.91- 09.94	111353	14 70					
		AC 11.91- 09.94	111477	14 90					
	[ABA]	11.91- 08.97	111352	14 70	11.91- 08.97	111748	12 1.1		
		11.91- 08.97	111479	14 90	11.91- 08.97	111909	12 1.1		
		AC 11.91- 08.97	111353	14 70					
		AC 11.91- 08.97	111477	14 90					
	[ADY]	10.94- 12.97	111352	14 70	10.94- 12.97	115504	12 1.1	A49	
		10.94- 12.97	111479	14 90	10.94- 12.97	111748	12 1.1		
		AC 10.94- 12.97	111353	14 70	10.94- 12.97	111909	12 1.1		
		AC 10.94- 12.97	111477	14 90					
	[AGG]	07.95- 12.97	111352	14 70	07.95- 12.97	115504	12 1.1	A49	
		07.95- 12.97	111479	14 90	07.95- 12.97	111748	12 1.1		
		AC 07.95- 12.97	111353	14 70	07.95- 12.97	111909	12 1.1		
		AC 07.95- 12.97	111477	14 90					
	[AKR]	05.97- 12.97	111352	14 70	05.97- 12.97	111909	12 1.1		
		05.97- 12.97	111479	14 90	05.97- 12.97	111748	12 1.1		
AC 05.97- 12.97		111353	14 70	05.97- 12.97	115504	12 1.1	A49		
AC 05.97- 12.97		111477	14 90						
Golf III 2.8 VR6	[AAA]	04.92- 12.94	111991	14 120	01.92- 12.97	112166	12 1.7		
		01.95- 12.97	112709	14 120	AT 01.92- 12.97	112286	12 1.7		
		07.95-	112709	14 120	07.95-	112166	12 1.7		
Golf III 2.9 VR6	[ABV]								
Golf III 2.9 VR6 Syncro	[ABV]	01.95- 12.97	112709	14 120	01.94-	112166	12 1.7		
Golf IV 1.4 16V	[AHW]	10.97- 05.98	111820	14 90	10.97-	111909	12 1.1		
		05.98-	111989	14 90	10.97- 06.06	115504	12 1.1	A49	
		05.98-	112075	14 70					
		05.98- 06.06	115482	14 90					
		AC 05.98-	111989	14 90					
AC 05.98-	112075	14 70							



	[AKO]	10.97-05.98	111820	14 90	10.97-05.00	111909	12 1.1	
		05.98-05.00	111989	14 90	10.97-05.00	115504	12 1.1	A49
		05.98-05.00	112075	14 70				
		05.98-05.00	115482	14 90				A49
		AC 05.98-05.00	111989	14 90				
		AC 05.98-05.00	112075	14 70				
	[APE]	08.97-06.05	111989	14 90	10.97-05.00	111909	12 1.1	
		05.99-05.00	112075	14 70	05.99-05.00	115504	12 1.1	A49
		05.99-05.00	115482	14 90				A49
		AC 05.99-05.00	111989	14 90				
		AC 05.99-05.00	112075	14 70				
	[AXP]	05.00-	112075	14 70	10.97-	111909	12 1.1	
		08.97-06.05	111989	14 90	05.00-10.01	115504	12 1.1	A49
		08.97-06.05	115482	14 90				A49
		AC 05.00-	111989	14 90				
		AC 05.00-	112075	14 70				
	[BCA]	10.01-05.04	115482	14 90	08.97-06.05	115504	12 1.1	
		08.97-06.05	111989	14 90	10.97-	111909	12 1.1	
Golf IV 1.6	[AEH]	08.97-02.00	112002	14 120	01.98-04.01	115504	12 1.1	A49
		01.98-05.98	111820	14 90	01.98-	111909	12 1.1	
		01.98-04.01	115482	14 90				A49
		01.98-04.01	115483	14 120				A49
		05.98-	111989	14 90				
		05.98-	112075	14 70				
	[AFT]	06.98-	111352	14 70	06.98-10.00	115504	12 1.1	A49
		06.98-	111479	14 90	06.98-	111909	12 1.1	
		AC 06.98-	111353	14 70				
		AC 06.98-	111477	14 90				
	[AKL]	08.97-	112002	14 120	10.97-02.00	115504	12 1.1	A49
		10.97-05.98	111820	14 90	10.97-02.00	111909	12 1.1	
		10.97-02.00	115483	14 120				A49
		05.98-	111989	14 90				
		05.98-	112075	14 70				
		05.98-02.00	115482	14 90				A49
	[AKS]	06.98-	111352	14 70	04.98-10.00	115504	12 1.1	A49
		06.98-	111479	14 90	06.98-	111909	12 1.1	
		AC 06.98-	111353	14 70	05.97-02.99	112236	12 1.8	
		AC 06.98-	111477	14 90				
	[APF]	05.00-08.00	112075	14 70	08.97-02.00	111909	12 1.1	
		08.97-08.00	111989	14 90	05.99-08.00	115504	12 1.1	A49
		05.99-02.00	112002	14 120				A49
		05.99-08.00	115482	14 90				A49
		05.99-08.00	115483	14 120				A49
	[AVU]	08.00-	111989	14 90	08.00-	111909	12 1.1	
		08.00-	112002	14 120	08.00-06.05	115504	12 1.1	A49
		08.00-	112075	14 70				
		08.00-06.05	115482	14 90				A49
		08.00-06.05	115483	14 120				A49
	[AWB]	08.03-06.05	111989	14 90	08.03-06.05	112286	12 1.7	
		08.03-06.05	115482	14 90				A49
	[BAD]				01.02-	112435	12 1.1	
	[BFO]	08.00-06.05	111989	14 90	08.00-06.05	111909	12 1.1	
		08.00-06.05	112002	14 120	08.00-06.05	115504	12 1.1	A49
		08.00-	112075	14 70				
		08.00-06.05	115482	14 90				A49
		08.00-06.05	115483	14 120				A49
	[BJH]	08.00-06.05	111989	14 90	08.00-06.05	111909	12 1.1	
		08.00-06.05	112002	14 120	08.00-06.05	115504	12 1.1	A49
		08.00-06.05	115482	14 90				A49
		08.00-06.05	115483	14 120				A49
Golf IV 1.6 16V	[ATN]	11.99-	111989	14 90	11.99-	111909	12 1.1	
		11.99-06.05	115482	14 90	11.99-06.05	115504	12 1.1	A49
	[AUS]	05.00-	111989	14 90	05.00-	111909	12 1.1	
		05.00-	112273	14 70	05.00-06.05	115504	12 1.1	A49
		05.00-06.05	115482	14 90				A49
		AC 05.00-	111989	14 90				
	[AZD]	09.00-	111989	14 90	09.00-	111909	12 1.1	
		09.00-	112273	14 70	09.00-06.05	115504	12 1.1	A49
		09.00-06.05	115482	14 90				A49
		AC 09.00-	111989	14 90				
	[BCB]	11.01-	112273	14 70	11.01-	111909	12 1.1	
		11.01-05.04	115482	14 90	11.01-05.04	115504	12 1.1	A49
		Chas. 1J-X-000 001-	11.01-	111989				
		AC 11.01-	111989	14 90				
Golf IV 1.6 FSI	[BAD]				01.02-	112435	12 1.1	
	[BAG]	10.03-07.04	114769	14 110				
Golf IV 1.8	[ADZ]	06.98-	111352	14 70	06.98-06.02	115504	12 1.1	A49
		06.98-	111479	14 90	06.98-06.02	111909	12 1.1	
		AC 06.98-	111477	14 90				
	[AGN]	12.03-06.05	115482	14 90	08.97-	111748	12 1.1	
		08.97-	111820	14 90	AT 10.97-	111909	12 1.1	
		08.97-	112075	14 70	10.97-12.03	115504	12 1.1	A49
					08.97-	111749	12 1.1	
	[AGU]	08.97-	111820	14 90	AT 08.97-	111909	12 1.1	
		08.97-	112075	14 70	08.97-06.05	115504	12 1.1	A49
					08.97-	111749	12 1.1	
	[ANN]	06.98-	111352	14 70	06.98-06.02	115504	12 1.1	A49
		06.98-	111479	14 90	06.98-06.02	111909	12 1.1	
		AC 06.98-	111477	14 90				
	[ANP]	06.98-	111352	14 70	06.98-06.02	115504	12 1.1	A49
		06.98-	111479	14 90	06.98-06.02	111909	12 1.1	
		AC 06.98-	111477	14 90				
	[AOA]	08.97-06.05	111820	14 90	08.97-06.05	112005	12 1.1	
		08.97-06.05	112075	14 70	08.97-06.05	115504	12 1.1	A49
					08.97-06.05	111909	12 1.1	



Application list

VW Continued

	[ARZ]	08.97- 06.05 08.97- 06.05	111820 112075	14 90 14 70		08.97- 06.05 08.97- 06.05 08.97- 06.05	112005 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[AUM]	09.00- 05.06 09.00- 05.06 09.02- 05.03 08.97- 06.05	115482 115483 111989 112002	14 90 A49 14 120 A49 14 90 14 120 A47		6SP 09.00- 05.03 09.00- 05.06 08.97- 06.05	112429 115504 111909	12 2.0 12 1.1 A49 12 1.1
	[AWD]	12.99- 04.01 12.99- 04.01	111820 112075	14 90 14 70		12.99- 04.01 12.99- 04.01	112005 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[BAF]	12.03- 06.05 08.97- 06.05	115482 111989	14 90 A49 14 90				
	[AAM]	06.98- 06.98- AC 06.98-	111352 111479 111477	14 70 14 90 14 90		06.98- 10.00 06.98- 10.00	115504 111909	12 1.1 A49 12 1.1
Golf IV 1.8 4 Motion	[AGN]	10.97- 10.00 05.98- 05.98-	115482 111989 112075	14 90 A49 14 90 14 70		10.98- 10.00 AT 05.98- 06.05 07.98-	115504 111909 112005	12 1.1 A49 12 1.1 12 1.1
Golf IV 1.8 GTi Turbo	[AUJ]	06.01- 06.01- 06.01- 06.05 06.01- 06.05 08.01-	111989 112075 115482 115483 112002	14 90 14 70 14 90 A49 14 120 A49 14 120 A47		08.01- 06.05 AT 08.01- 06.05	114174 114308	12 1.1 12 1.4
Golf IV 1.8 Turbo	[AGU]	05.00- 05.03 05.00- 05.00- 05.03 05.00- 05.03 05.00- 05.03	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		5SP 05.00- 05.03 6SP 05.00- 05.03 AT 05.00- 05.00- 05.03	111909 112429 114308 115504	12 1.1 12 2.0 12 1.4 12 1.1 A49
	[AOA]	05.00- 05.00- 05.00- 05.00- 05.00-	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		05.00- 05.00- 05.00-	111909 112429 115504	12 1.1 12 2.0 12 1.1 A49
	[ARZ]	05.00- 05.00- 05.00- 05.00- 05.00-	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		05.00- 05.00- 05.00-	111909 112429 115504	12 1.1 12 2.0 12 1.1 A49
	[AUM]	05.00- 09.00- 05.03 09.00- 05.03 09.00- 05.03 09.00- 05.03	112002 111989 112075 115482 115483	14 120 A47 14 90 14 70 14 90 A49 14 120 A49		5SP 09.00- 05.03 6SP 09.00- 05.03 09.00- 05.03	111909 112429 115504	12 1.1 12 2.0 12 1.1 A49
	[AWD]	05.00- 05.00- 05.00- 05.00-	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		05.00- 05.00- 05.00-	111909 112429 115504	12 1.1 12 2.0 12 1.1 A49
Golf IV 1.9 SDi	[AGP]	08.97- 08.97- 10.97- 04.01 05.99- 05.99- 05.99-	111353 113340 115483 112002 112079 114789	14 70 14 70 14 120 A49 14 120 A47 14 90 A47 14 90 A49			08.97- 112286	12 1.7
	[AQM]	08.97- 06.05 08.97- 06.05 08.97- 06.05 11.98- 05.06	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		08.97-	112286	12 1.7
Golf IV 1.9 TDi	[AGR]	10.97- 04.98 10.97- 10.97- 10.97- 05.04 05.98- 05.98- 05.06	111820 112002 112079 114789 113340 115483	14 90 14 120 A47 14 90 A47 14 90 A49 14 70 14 120 A49		AT 10.97- 10.97- 10.97- 05.06	112286 111900 115503	12 1.7 12 1.8 12 1.8 A49
	[AHF]	08.97- 04.98 08.97- 04.98 08.97- 08.97- 05.98- 05.98- 05.06	111353 111820 112002 112079 113340 115483	14 70 14 90 14 120 A47 14 90 A47 14 70 14 120 A49		08.97- AT 08.97- 10.97- 05.06	111900 112286 115503	12 1.8 12 1.7 12 1.8 A49
	[AHU]	06.98- 06.00 06.98- 06.00 06.98- 06.00 AC 04.98- 06.00 AC 06.98- 06.00	111353 111477 111988 111828 111884	14 70 14 90 14 120 14 120 14 90		06.98- 06.00 06.98- AT 06.98-	115503 111900 112286	12 1.8 A49 12 1.8 12 1.7
	[AJM]	12.98- 12.98- 12.98- 06.01 05.99- 07.01 05.99- 05.99- 07.01	112002 112079 114789 112075 113340 115483	14 120 A47 14 90 A47 14 90 A49 14 70 14 70 14 120 A49		12.98-	112429	12 2.0
	[ALE]	06.98- 06.98- 06.98- AC 06.98- AC 06.98-	111353 111477 111988 111828 111884	14 70 14 90 14 120 14 120 14 90		05.96- 12.01 06.98- AT 06.98-	115503 111900 112286	12 1.8 A49 12 1.8 12 1.7
	[ALH]	10.97- 04.98 10.97- 10.97- 10.97- 05.06 10.97- 05.06 05.98-	111820 112002 112079 114789 115483 113340	14 90 14 120 A47 14 90 A47 14 90 A49 14 120 A49 14 70		AT 10.97- 10.97- 05.06 10.97-	112286 115503 111900	12 1.7 12 1.8 A49 12 1.8
	[ARL]	05.00- 05.00- 10.00- 10.00- 05.06	112002 112079 113340 115483	14 120 A47 14 90 A47 14 70 14 120 A49		05.99- 06.05	112429	12 2.0



	[ASV]	05.00-05.06 115483 14 120 A49	05.00-05.06 115503 12 1.8 A49
		08.97-05.04 112002 14 120	08.97-05.04 112286 12 1.7
		08.97-05.04 113340 14 70	08.97-05.04 111900 12 1.8
	[ASZ]	11.00- 112002 14 120 A47	04.01-11.01 112429 12 2.0
		11.00- 112079 14 90 A47	AT, 5 Speed 04.01-05.06 115523 12 2.3
		04.01- 113340 14 70	
		04.01-05.06 115483 14 120 A49	
	[ATD]	02.00-06.06 115483 14 120 A49	AT, 5 Speed 02.00-06.06 115523 12 2.3
		09.00- 112002 14 120 A47	09.00- 111900 12 1.8
		09.00- 112079 14 90 A47	6SP 02.00-05.04 112429 12 2.0
		09.00- 113340 14 70	02.00-06.06 115503 12 1.8 A49
	[AUY]	12.98-06.01 112002 14 120 A47	12.98-06.01 112429 12 2.0
		12.98-06.01 112079 14 90 A47	AT, 5 Speed 05.99-07.01 115523 12 2.3
		12.98-06.01 114789 14 90 A49	
		05.99-07.01 112075 14 70	
		05.99-07.01 115483 14 120 A49	
		08.99-06.01 113340 14 70	
	[AXR]	09.00- 112002 14 120 A47	09.00- 111900 12 1.8
		09.00- 112079 14 90 A47	6SP 05.01-05.04 112429 12 2.0
		09.00- 113340 14 70	05.01-06.06 115503 12 1.8 A49
		09.00-06.06 115483 14 120 A49	AT, 5 Speed 05.01-06.06 115523 12 2.3
Golf IV 1.9 TDI 4 Motion	[AGR]	10.97-05.05 115483 14 120 A49	10.97-05.05 115503 12 1.8 A49
		04.98- 113340 14 70	AT 10.97- 112286 12 1.7
		07.98- 112002 14 120 A47	10.97- 111900 12 1.8
		07.98- 112079 14 90 A47	
		07.98-04.02 115482 14 90 A49	
		Chas. 1J-X-000001- 07.98-09.02 111989 14 90	
		02.99-06.01 113340 14 70	02.99-06.01 112429 12 2.0
		02.99-06.01 115483 14 120 A49	
		05.99-06.01 112002 14 120 A47	
		05.99-06.01 112079 14 90 A47	
		05.99-06.01 114789 14 90 A49	
		[ALH]	10.97- 111989 14 90
		04.98- 113340 14 70	AT 10.97- 112286 12 1.7
		07.98- 112002 14 120 A47	07.98-05.06 115503 12 1.8 A49
		07.98- 112079 14 90 A47	
		07.98-05.06 115482 14 90 A49	
		07.98-05.06 115483 14 120 A49	
		02.00- 112002 14 120 A47	09.00-06.05 112429 12 2.0
	[ARL]	02.00- 112079 14 90 A47	
		10.00- 113340 14 70	
		10.00-05.06 115483 14 120 A49	
		11.00- 112002 14 120 A47	04.01-11.01 112429 12 2.0
	[ASZ]	11.00- 112079 14 90 A47	AT, 5 Speed 04.01-05.06 115523 12 2.3
		04.01- 113340 14 70	
		04.01-05.06 115483 14 120 A49	
		09.00- 112002 14 120 A47	6SP 02.00-06.05 112429 12 2.0
	[ATD]	09.00- 112079 14 90 A47	02.00-05.06 115503 12 1.8 A49
		09.00- 113340 14 70	09.00- 111900 12 1.8
		09.00-05.06 115483 14 120 A49	
		09.99-06.01 112002 14 120 A47	09.99-06.01 112429 12 2.0
	[AUY]	09.99-06.01 112079 14 90 A47	AT, 5 Speed 09.99-06.01 115523 12 2.3
		09.99-06.01 113340 14 70	
		09.99-06.01 114789 14 90 A49	
		09.99-06.01 115483 14 120 A49	
		05.02-06.05 112002 14 120	05.02-06.05 112429 12 2.0
Golf IV 1.9 TDI 4motion	[ARL]	05.02-06.05 112079 14 90	
		05.02-06.05 112079 14 90	
Golf IV 2.0	[AGG]	06.98- 111352 14 70	06.98-06.02 115504 12 1.1 A49
		06.98- 111479 14 90	06.98- 111909 12 1.1
		AC 06.98- 111477 14 90	
	[AKR]	06.98- 111352 14 70	06.98-04.00 115504 12 1.1 A49
		06.98- 111479 14 90	06.98- 111909 12 1.1
		AC 06.98- 111477 14 90	
	[APK]	08.98- 111989 14 90	AT 08.98- 111909 12 1.1
		08.98- 112075 14 70	08.98- 112005 12 1.1
		08.98-05.06 115482 14 90 A49	08.98-05.06 115504 12 1.1 A49
	[AQY]	08.98-05.00 111989 14 90	AT 08.98- 111909 12 1.1
		08.98-05.00 112075 14 70	08.98- 112005 12 1.1
		08.98-06.06 115482 14 90 A49	08.98-06.06 115504 12 1.1 A49
	[ATU]	06.99-06.00 111352 14 70	06.99-06.00 111909 12 1.1
		AC 06.99-06.00 111477 14 90	06.99-06.00 115504 12 1.1 A49
	[AWF]	06.00-06.02 111352 14 70	06.00-06.02 111909 12 1.1
		AC 06.00-06.02 111477 14 90	06.00-06.02 115504 12 1.1 A49
	[AWG]	06.00-06.02 111352 14 70	06.00-06.02 111909 12 1.1
		AC 06.00-06.02 111477 14 90	06.00-06.02 115504 12 1.1 A49
[AZG]	05.01-04.02 111989 14 90	07.98-06.05 111909 12 1.1	
	05.01-04.02 112075 14 70	05.01-04.02 112005 12 1.1	
	05.01-04.02 115482 14 90 A49	A25 07.98-06.05 115504 12 1.1	
	05.01-04.02 115483 14 120 A49		
	07.98-06.05 112002 14 120 A47		
	[AZJ]	04.00- 112002 14 120 A47	AT 05.01- 111909 12 1.1
		05.01-05.06 115483 14 120 A49	05.01-06.06 115504 12 1.1 A49
		07.98-05.04 111989 14 90	05.01- 112005 12 1.1
		07.98-05.04 112075 14 70	
		07.98-06.06 115482 14 90 A49	
	[BER]	07.98-06.05 111989 14 90	07.98-06.05 111909 12 1.1
		07.98-06.05 112002 14 120 A47	07.98-06.05 112005 12 1.1
		07.98-06.05 112075 14 70	A25 07.98-06.05 115504 12 1.1
		07.98-06.05 115482 14 90 A49	
		07.98-06.05 115483 14 120 A49	
Golf IV 2.0 4 Motion	[AZH]	04.00-06.01 111989 14 90	10.00- 111909 12 1.1
		04.00-06.01 112075 14 70	04.00-06.05 115504 12 1.1 A49
		04.00-06.01 115482 14 90 A49	
		04.00-06.01 115483 14 120 A49	
		10.00-06.05 112002 14 120 A47	



Application list

VW Continued

	[AZJ]	10.00-06.05 05.01-06.05 05.01-06.05 05.01-06.06 05.01-06.06	112002 111989 112075 115482 115483	14 120 A47 14 90 14 70 14 90 A49 14 120 A49		AT 05.01-06.05 05.01-06.06	111909 115504	12 1.1 12 1.1 A49
Golf IV 2.0 TSI	[GDLG]					05.11-11.12	115900	12 1.1
Golf IV 2.0 BiFuel	[BEH]	02.02- 05.02- 05.02-06.06 05.02-06.06 AC 05.02-	112002 112075 115482 115483 111989	14 120 A47 14 70 14 90 A49 14 120 A49 14 90		02.02-	112005	12 1.1
Golf IV 2.3 V5	[AGZ]	08.97- 08.97- 08.97-10.00 10.97-02.01 05.98-	112002 112079 114789 115483 113340	14 120 A47 14 90 A47 14 90 A49 14 120 A49 14 70		AT 08.97- 08.97-10.00	112286 114160	12 1.7 12 1.8
	[AQN]	09.00- 09.00-06.05 10.00- 10.00-	113340 115483 112002 112079	14 70 14 120 A49 14 120 A47 14 90 A47		6SP 09.00- 10.00-06.05	112429 114160	12 2.0 12 1.8
Golf IV 2.3 V5 4 Motion	[AGZ]	10.97-02.01 12.98- 12.98- 12.98- 12.98-10.00	115483 112002 112079 113340 114789	14 120 A49 14 120 A47 14 90 A47 14 70 14 90 A49		AT 11.98- 12.98-	114160 112286	12 1.8 12 1.7
	[AQN]	09.00- 09.00-06.05 10.00- 10.00-	113340 115483 112002 112079	14 70 14 120 A49 14 120 A47 14 90 A47		6SP 09.00- 10.00-06.05	112429 114160	12 2.0 12 1.8
Golf IV 2.8 V6 4 Motion	[AQP]	03.99-06.05 03.99-06.05 03.99-06.05 05.99-05.00 05.99-05.00	112002 112079 114789 113340 115483	14 120 A47 14 90 A47 14 90 A49 14 70 14 120 A49		6SP 03.99-	112429	12 2.0
	[AUE]	01.00-04.01 01.00-04.01 03.99-06.05 03.99-06.05 03.99-06.05	113340 115483 112002 112079 114789	14 70 14 120 A49 14 120 A47 14 90 A47 14 90 A49		6SP 03.99-04.01 AT 03.99-06.05	112429 114308	12 2.0 12 1.4
	[BDE]	05.01-06.05 05.01-06.05 03.99-06.05 03.99-06.05 03.99-06.05	113340 115483 112002 112079 114789	14 70 14 120 A49 14 120 A47 14 90 A47 14 90 A49		AT 03.99-06.05 6SP 03.99-	114308 112429	12 1.4 12 2.0
Golf IV 3.2 4 Motion	[BFH]	06.02-05.04 09.02- 09.02-	115483 112002 112079	14 120 A49 14 120 A47 14 90 A47		AT 09.02-	113509	12 1.7
	[BML]	06.02-06.06 09.02-06.06	115483 112002	14 120 A49 14 120 A47		09.02-06.06 09.02-06.06	113509 112429	12 1.7 12 2.0
Golf IV	[SSL]					04.01-	112435	12 1.1
Golf Plus 1.2 TSI	[CBZA]	05.10- 05.10- 05.10-	115765 115767 116207*	14 140 14 140 14 110		DKG 05.10- 05.10- 05.10- 05.10-	115337 115612 115645 114175	12 2.0 12 1.2 12 2.0 12 1.1
Golf Sportsvan 1.0 TSI	[CHZC]					A25 05.17- 05.17-	115818 115612	12 1.1 12 1.2
	[CHZK]					A25 05.17- 05.17-	115818 115612	12 1.1 12 1.2
Golf Sportsvan 1.2 TSI	[CYVB]					04.14-	115612	12 1.2
Golf Sportsvan 1.4 TSI	[CZCA]					04.14- 04.14- 04.14-	115612 115818 115944	12 1.2 12 1.1 12 1.7
	[CZDA]					02.14- 02.14- 02.14-	115612 115818 115944	12 1.2 12 1.1 12 1.7
Golf Sportsvan 1.4 TSI	[CPVB]					04.14-	115336	12 2.2
Golf Sportsvan 1.5 TSI	[DACA]					05.17-	115560	12 1.7
	[DADA]					05.17-	115560	12 1.7
Golf Sportsvan 1.6	[CWVA]					05.14-	115696	12 1.1
Golf Sportsvan 1.6 TDI	[CRKA]					02.14-	115336	12 2.2
	[CRKB]					A25 02.14- A50 02.14- DKG 02.14-	115336 115610 115634	12 2.2 12 2.0 12 1.8
	[CXXB]					02.14-	115336	12 2.2
	[DDYA]	11.16-	114322	14 140		A50 11.16- A25 11.16- DKG 11.16-	115610 115336 115634	12 2.0 12 2.2 12 1.8
Golf Sportsvan 2.0 TDI	[CRLB]	02.14- 02.14-	115826 116359*	14 140 A49 14 140		A25 02.14- 02.14-	115402 115638	12 1.8 12 1.7
	[CRVA]	05.14- 05.14-	115826 116359*	14 140 A49 14 140		05.14-	115638	12 1.7
Golf V 1.2 TSI Plus	[CBZB]	08.09- 08.09- 08.09-	115765 115767 116207*	14 140 14 140 14 110		DKG 08.09- 08.09- 08.09- DKG 08.09- 08.09-	115611 115612 115645 115337 114175	12 1.1 12 1.2 12 2.0 12 2.0 12 1.1
Golf V 1.4	[CAXA]	05.07- 05.07-	114769 115854	14 110 14 110		05.07- DSG 05.07-	114163 115611	12 1.1 12 1.1
Golf V 1.4 FSI Plus	[BLN]	07.05-05.06	114769	14 110				
Golf V 1.4 16V	[BCA]	01.05- 01.05- AC 01.05-	112075 115482 111989	14 70 14 90 A49 14 90				
	[BUD]	05.06-	113874	14 110		05.06-	114034	12 1.0
Golf V 1.4 16V Plus	[BUD]	01.05-	113874	14 110		01.05-	114034	12 1.0
	[CGGA]	01.05-	113874	14 110		01.05-	114034	12 1.0
Golf V 1.4 FSI	[BKG]	10.03-	114769	14 110		10.03-	113773	12 1.1
	[BLN]	10.03-	114769	14 110		10.03-	113773	12 1.1



Golf V 1.4 TSi	[BLG]	11.05-	113861	14 110		11.05-	114163	12 1.1
		11.05-	114769	14 110		AT 11.05-	115333	12 1.0
	[BMV]	05.06-	113861	14 110		05.06-	114163	12 1.1
		05.06-	114769	14 110		AT 05.06-	115333	12 1.0
		05.06-	114884	14 140				
	[CAVD]					07.08-	114163	12 1.1
	[CAXA]	06.07-	114769	14 110		06.07-	114163	12 1.1
		06.07- 07.09	115854	14 110		DSG 06.07- 07.09	115611	12 1.1
Golf V 1.4 TSi Plus	[BLG]	05.06-	113861	14 110		11.05-	114163	12 1.1
		05.06-	114769	14 110		AT 05.06-	115333	12 1.0
		05.06-	114884	14 140				
	[BMV]	05.06-	113861	14 110		05.06-	114163	12 1.1
		05.06-	114769	14 110		AT 05.06-	115333	12 1.0
		05.06-	114884	14 140				
	[CAVD]	06.08-	113861	14 110		06.08-	114163	12 1.1
		06.08-	114884	14 140		06.08-	115612	12 1.2
	[CAXA]	06.07-	113861	14 110		06.07-	114163	12 1.1
		06.07-	114769	14 110		AT 06.07-	115611	12 1.1
	06.07-	114884	14 140		06.07-	115612	12 1.2	
	06.07-	115528	14 140 A49					
	06.07-	116345*	14 140					
	[CNWA]	06.08-	113861	14 110		06.08-	115612	12 1.2
		06.08-	114884	14 140		06.08-	114163	12 1.1
Golf V 1.6	[BGU]	01.04-	113992	14 140		01.04-	115611	12 1.1
						01.04-	113773	12 1.1
						06.07- 07.09	114176	12 1.0
	[BSE]	01.04- 07.09	111989	14 90		01.04-	113773	12 1.1
		01.04-	113992	14 140				
		05.05-	115482	14 90 A49				
	[BSF]	01.04- 07.09	111989	14 90		01.04-	113773	12 1.1
	01.04-	113992	14 140					
	05.05-	115482	14 90 A49					
	[CCSA]	06.07-	113992	14 140				
Golf V 1.6 Plus	[BSE]	05.05-	113992	14 140		05.05-	114176	12 1.0
		05.05-	114722	14 140		05.05-	115612	12 1.2
						05.05-	113773	12 1.1
	[BSF]	05.05-	113992	14 140		05.05-	114176	12 1.0
		05.05-	114722	14 140		05.05-	115612	12 1.2
						05.05-	113773	12 1.1
	[CCSA]	11.07-	113992	14 140		11.07-	114176	12 1.0
		11.07-	114722	14 140		11.07-	115612	12 1.2
					11.07-	113773	12 1.1	
	[CMXA]	05.05-	113992	14 140		05.05-	114176	12 1.0
		05.05-	114722	14 140		05.05-	115612	12 1.2
					05.05-	113773	12 1.1	
Golf V 1.6 FSI	[BAG]	10.03-	114769	14 110		AT 10.03-	113773	12 1.1
	[BLF]	10.03-	114769	14 110		01.05-	115504	12 1.1 A49
						AT 01.05-	111909	12 1.1
						10.03-	113773	12 1.1
					01.05-	113773	12 1.1	
	[BLP]	10.03-	114769	14 110		AT 10.03-	113773	12 1.1
Golf V 1.6 Multijet	[CCSA]	10.07-	111989	14 90		10.07-	114176	12 1.0
		10.07-	115482	14 90 A49				
		11.07-	113992	14 140				
Golf V 1.6 TDi Plus	[CAYC]	03.09-	113992	14 140		03.09-	115610	12 2.0
		03.09-	115433	14 140		03.09-	115634	12 1.8
						A25 03.09-	115336	12 2.2
						AT 03.09-	115376	12 1.8
						03.09-	114299	12 1.7
Golf V 1.6 Plus Multifuel	[CCSA]	11.07-	113992	14 140		11.07-	114176	12 1.0
		11.07-	115621	14 110				
	[CMXA]	11.07-	115621	14 110		11.07-	114176	12 1.0
Golf V 1.8 GTi	[AUO]	06.01-	115482	14 90 A49		6SP 08.06-	114174	12 1.1
		06.01-	115483	14 120 A49				
		08.06-	111989	14 90				
		08.06-	112002	14 120 A47				
Golf V 1.9 TDi	[BKC]	10.03-	113992	14 140		AT 10.03-	113509	12 1.7
		10.03-	115370	14 110		10.03-	115508	12 1.7 A49
						10.03-	113841	12 1.7
						10.03-	113842	12 1.7
	[BLS]	10.03-	113992	14 140		10.03-	115508	12 1.7 A49
		10.03-	115370	14 110		10.03-	113842	12 1.7
						AT 10.03-	113509	12 1.7
						10.03-	113841	12 1.7
	[BRU]	05.04- 02.06	113992	14 140		05.04-	113842	12 1.7
		05.04- 02.06	115370	14 110		05.04- 02.06	115508	12 1.7 A49
	[BXE]	10.03-	113992	14 140		10.03-	115508	12 1.7 A49
		10.03-	115370	14 110		10.03-	113842	12 1.7
						10.03-	113841	12 1.7
	[BXF]	02.06-	113992	14 140		05.04-	113842	12 1.7
		02.06-	115370	14 110		02.06-	115508	12 1.7 A49
					10.03-	113841	12 1.7	
[BXJ]	05.07-	113992	14 140		05.04-	113842	12 1.7	
	05.07-	115370	14 110		05.04-	115508	12 1.7 A49	
Golf V 1.9 TDi 4 Motion	[BKC]	08.04-	113992	14 140		08.04-	113842	12 1.7
		08.04-	115370	14 110		08.04-	115508	12 1.7 A49
						AT, 6 Speed 08.04-	113509	12 1.7
						08.04-	113841	12 1.7
	[BLS]	08.04-	113992	14 140		08.04- 07.09	113842	12 1.7
		08.04-	115370	14 110		08.04-	115508	12 1.7 A49
						AT, 6 Speed 08.04-	113509	12 1.7
						08.04-	113841	12 1.7
[BXE]	08.04-	113992	14 140		08.04-	113842	12 1.7	
	08.04-	115370	14 110		08.04-	115508	12 1.7 A49	
					AT, 6 Speed 08.04-	113509	12 1.7	
					08.04-	113841	12 1.7	

VW Continued

Golf V 1.9 TDi Plus	[BLS]	01.05- 01.05-	113992 115370	14 140 14 110		01.05- 01.05-	113842 115508	12 1.7 12 1.7	A49	
	[BRU]	05.04- 02.06 05.04- 02.06	113992 115370	14 140 14 110		05.05- 05.05- 02.06	113842 115508	12 1.7 12 1.7	A49	
	[BXF]	02.06- 02.06-	113992 115370	14 140 14 110		05.05- 02.06-	113842 115508	12 1.7 12 1.7	A49	
	[BXJ]	05.07- 05.07-	113992 115370	14 140 14 110		05.07- 05.07-	113842 115508	12 1.7 12 1.7	A49	
	Golf V 2.0	[CBPA]	08.06-	113992	14 140		08.06- 08.06-	114163 113773	12 1.1 12 1.1	
Golf V 2.0 FSi	[AXW]	01.04-	113992	14 140		01.04- AT 01.04- 01.04- 01.04-	115504 111909 113773 114163	12 1.1 12 1.1 12 1.1 12 1.1	A49	
	[BLR]	01.04-	113992	14 140		01.04- 01.04-	114163 113773	12 1.1 12 1.1		
	[BLX]	01.04-	113992	14 140		01.04- 01.04-	114163 113773	12 1.1 12 1.1		
	[BLY]	01.04-	113992	14 140		01.04- 01.04-	114163 113773	12 1.1 12 1.1		
	[BVX]	01.04-	113992	14 140		01.04- 01.04-	114163 113773	12 1.1 12 1.1		
	[BVY]	01.04-	113992	14 140		01.04- 01.04-	114163 113773	12 1.1 12 1.1		
	[BVZ]	01.04-	113992	14 140		01.04- 01.04-	114163 113773	12 1.1 12 1.1		
	Golf V 2.0 FSi 4 Motion	[BLX]	08.04-	113992	14 140		05.04- 11.05 08.04-	114163 113773	12 1.1 12 1.1	
[BVX]		08.04-	113992	14 140		11.05- 08.04-	114163 113773	12 1.1 12 1.1		
Golf V 2.0 FSi Plus	[BLR]	05.05-	113992	14 140		05.05- AT 05.05- 05.05- 05.05-	115504 111909 113773 114163	12 1.1 12 1.1 12 1.1 12 1.1	A49	
	[BLY]	05.05-	113992	14 140		05.05- 05.05-	114163 113773	12 1.1 12 1.1		
	[BVY]	05.05-	113992	14 140		11.05- 05.05-	114163 113773	12 1.1 12 1.1		
	[BVZ]	05.05-	113992	14 140		11.05- 05.05-	114163 113773	12 1.1 12 1.1		
	Golf V 2.0 GTi	[AXX]	10.04-	113992	14 140		AT 10.04- 10.04-	115333 113773	12 1.0 12 1.1	
[BWA]		10.04-	113992	14 140		AT 10.04- 10.04-	115333 113773	12 1.0 12 1.1		
[BYD]		09.06-	113992	14 140		09.06-	113773	12 1.1		
[CAWB]		10.04-	113992	14 140		AT 10.04- 10.04-	115333 113773	12 1.0 12 1.1		
Golf V 2.0 SDi		[BDK]	01.04- 01.04-	113992 115370	14 140 14 110		01.04-	114062	12 1.7	
	Golf V 2.0 TDi 16V	[BKD]	10.03- 10.03-	113992 115370	14 140 14 110		10.03- AT 10.03- 01.05-	113841 113509 115311	12 1.7 12 1.7 12 2.0	
[CBDB]		01.05-	113992	14 140		01.05- 01.05-	115638 115337	12 1.7 12 2.0		
[CFHC]		01.05-	113992	14 140		01.05- 01.05-	115638 115337	12 1.7 12 2.0		
Golf V 2.0 TDi 16V 4 Motion	[BKD]	08.04- 08.04-	113992 115370	14 140 14 110		AT 08.04- 08.04-	113509 113841	12 1.7 12 1.7		
	Golf V 2.0 TDi	[AZV]	10.03- 10.03-	113992 115370	14 140 14 110		10.03- AT 10.03-	115311 113509	12 2.0 12 1.7	
[BMM]		12.04- 12.04-	113992 115370	14 140 14 110		12.04- AT 12.04-	113841 113509	12 1.7 12 1.7		
[BMN]		11.05- 11.05-	113992 115370	14 140 14 110		AT 11.05- 11.05-	113509 113841	12 1.7 12 1.7		
Golf V 2.0 TDi 4 Motion		[AZV]	06.07- 06.07-	113992 115370	14 140 14 110		11.05- 11.05-	113841	12 1.7	
	[BMM]	08.04- 08.04-	113992 115370	14 140 14 110		AT 08.04- 08.04-	113509 113841	12 1.7 12 1.7		
Golf V 2.0 TDi Plus	[AZV]	05.05- 05.05-	113992 115370	14 140 14 110		05.05- 05.05- AT 05.05-	113841 115311 113509	12 1.7 12 2.0 12 1.7		
	[BEE]	11.05-	115370	14 110		10.03-	113509	12 1.7		
	[BMM]	12.05- 12.05-	113992 115370	14 140 14 110		12.05-	113841	12 1.7		
	[CBDA]	05.05- 05.05-	113992 115370	14 140 14 110		05.05- 05.05- AT 05.05-	115311 113841 113509	12 2.0 12 1.7 12 1.7		
	[CBDC]	03.09-	113992	14 140		03.09-	115311	12 2.0		
	[CFHB]	05.05- 05.05-	113992 115370	14 140 14 110		05.05- 05.05- AT 05.05-	113841 115311 113509	12 1.7 12 2.0 12 1.7		
	[CLCA]	03.09-	113992	14 140		03.09-	115311	12 2.0		
	Golf V 3.2	[BUB]	09.05-	113992	14 140					
	Golf V 3.2 R32 4 Motion	[BUB]	11.05-	113992	14 140		11.05-	113841	12 1.7	
		[CBRA]	11.05-	113992	14 140		11.05-	113841	12 1.7	
Golf V 3.2 R32 4 Motion	[BFH]	01.04- 01.04-	112002 115483	14 120 A47 14 120 A49		01.04-	112429	12 2.0		
	Golf VI 1.2 TSi	[CBZA]	07.10- 07.13 07.10- 07.13	115765 116207*	14 140 14 110		07.10- 07.13	115612	12 1.2	
[CBZB]		05.09- 07.13 05.09- 07.13 05.09- 11.12	115765 115767 116207*	14 140 14 140 14 110		DKG 05.09- 11.12 05.09- 11.12 05.09- 11.12 A50 05.09- 11.12 05.09-	115611 115612 115645 115337 114175	12 1.1 12 1.2 12 2.0 12 2.0 12 1.1		
Golf VI 1.4		[CGGA]	07.09- 07.13	113874	14 110		07.09- 07.13	114034	12 1.0	



Golf VI 1.4 TSI	[CAVD]	10.08- 11.12	113861	14 110		10.08- 07.13	115611	12 1.1
		10.08-	113992	14 140		10.08- 07.13	115612	12 1.2
		10.08- 11.12	114884	14 140				
		10.08- 11.12	115528	14 140 A49				
		10.08- 11.12	116345*	14 140				
	07.09-	114769	14 110					
	[CAXA]	10.08- 11.12	113861	14 110		A50 10.08- 11.12	115337	12 2.0
		10.08- 11.12	114884	14 140		10.08- 11.12	115611	12 1.1
		10.08- 11.12	115528	14 140 A49		A25 10.08- 11.12	115338	12 2.0
		10.08- 11.12	116345*	14 140		10.08- 07.13	115612	12 1.2
		07.09-	114769	14 110				
	07.09- 07.13	115854	14 110					
	[CNWA]	10.08- 11.12	113861	14 110		07.09-	114163	12 1.1
		10.08- 11.12	114884	14 140		10.08- 07.13	115611	12 1.1
		10.08- 11.12	115528	14 140 A49		10.08- 07.13	115612	12 1.2
		10.08- 11.12	116345*	14 140				
		07.09-	113992	14 140				
	07.09-	114769	14 110					
	[CTHD]	10.08- 11.12	113861	14 110		07.09-	114163	12 1.1
		10.08- 11.12	114884	14 140		10.08- 07.13	115611	12 1.1
10.08- 11.12		115528	14 140 A49		10.08- 07.13	115612	12 1.2	
10.08- 11.12		116345*	14 140					
07.09-		113992	14 140					
07.09-	114769	14 110						
[CTKA]	10.08- 11.12	113861	14 110		07.09-	114163	12 1.1	
	10.08- 11.12	114884	14 140		10.08- 07.13	115611	12 1.1	
	10.08- 11.12	115528	14 140 A49		10.08- 07.13	115612	12 1.2	
	10.08- 11.12	116345*	14 140					
	07.09-	113992	14 140					
07.09-	114769	14 110						
Golf VI 1.6	[BSE]	10.08-	113992	14 140		10.08- 11.12	115612	12 1.2
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
						10.08- 11.12	114176	12 1.0
	[BSF]	10.08-	113992	14 140		10.08- 11.12	115612	12 1.2
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
					10.08- 11.12	114176	12 1.0	
	[CCSA]	10.08-	113992	14 140		10.08- 11.12	115612	12 1.2
		10.08- 11.12	115621	14 110		DKG 10.08- 11.12	115611	12 1.1
					10.08- 11.12	114176	12 1.0	
	[CMXA]	10.08- 11.12	113992	14 140		DKG 10.08- 11.12	115611	12 1.1
10.08- 11.12		115621	14 110		10.08- 11.12	115612	12 1.2	
				10.08- 07.13	114176	12 1.0		
Golf VI 1.6 BiFuel	[CHGA]	03.09-	113992	14 140				
Golf VI 1.6 Multijet	[CCSA]	10.08-	113992	14 140				
	[CMXA]	05.10-	113992	14 140		05.10-	114176	12 1.0
Golf VI 1.6 TDI	[CAYB]	02.09- 07.13	115433	14 140		A25 02.09- 11.12	115336	12 2.2
		12.09-	113992	14 140		02.09- 11.12	114299	12 1.7
					AT 12.09-	115376	12 1.8	
	[CAYC]	02.09- 07.13	115433	14 140		02.09- 11.12	115610	12 2.0
		07.09-	113992	14 140		AT 02.09- 11.12	115376	12 1.8
					A25 02.09- 11.12	115336	12 2.2	
					02.09- 11.12	114299	12 1.7	
					07.09-	115336	12 2.2	
Golf VI 1.8 TSI	[CDAA]				DKG 06.09- 01.11	115611	12 1.1	
					06.09-	114163	12 1.1	
Golf VI 2.0	[CCZA]	07.09-	113874	14 110		07.09-	113773	12 1.1
		07.09-	114722	14 140		DKG 07.09-	115333	12 1.0
	[CDLA]	01.13-	113992	14 140		01.13-	115900	12 1.1
	[CDLF]	11.09-	113992	14 140		11.09- 11.12	115638	12 1.7
						AT 11.09- 11.12	115333	12 1.0
				11.09-	113773	12 1.1		
Golf VI 2.0 4motion	[CDLC]					11.09- 11.13	115638	12 1.7
						AT 11.09- 11.13	115333	12 1.0
						11.09-	113773	12 1.1
[CRZA]	11.09- 11.13	113992	14 140		11.09- 11.13	115638	12 1.7	
Golf VI 2.0 TSI	[CCZB]	04.09- 11.12	114722	14 140		04.09- 11.12	115900	12 1.1
						AT 04.09- 11.12	115333	12 1.0
					04.09- 11.12	113773	12 1.1	
	[CULC]					11.13-	115561	12 1.7
Golf VI 2.0 TDI	[BMM]	07.09-	113992	14 140		07.09-	113841	12 1.7
	[CBAB]	10.08- 05.13	113992	14 140		10.08- 05.13	115311	12 2.0
		10.08- 05.13	115433	14 140		10.08- 05.13	115638	12 1.7
	[CBBB]	04.09- 11.09	113992	14 140		04.09- 11.09	115402	12 1.8
		04.09- 11.09	115433	14 140		04.09- 11.09	115638	12 1.7
						04.09- 11.09	113509	12 1.7
						04.09- 11.09	113841	12 1.7
					04.09- 11.09	115311	12 2.0	
	[CBDA]	07.09- 09.10	113992	14 140		07.09- 09.10	115638	12 1.7
	[CBDB]	07.09-	113992	14 140		07.09-	115638	12 1.7
						07.09-	113841	12 1.7
					07.09-	115311	12 2.0	
	[CBDC]	10.08-	113992	14 140				
	[CBAA]	10.08- 11.09	113992	14 140		10.08- 11.09	115311	12 2.0
		10.08- 11.09	114722	14 140				
		10.08- 11.09	115433	14 140				
	[CFFA]	11.09- 11.12	113992	14 140		11.09- 11.12	113841	12 1.7
		11.09- 11.12	114722	14 140				
		11.09- 11.12	115433	14 140				
[CFFB]	10.08- 05.13	113992	14 140		10.08- 05.13	115311	12 2.0	
	10.08- 05.13	115433	14 140		10.08- 05.13	115638	12 1.7	
[CFGB]	11.09- 11.12	113992	14 140		A25 11.09- 11.12	115402	12 1.8	
	11.09- 11.12	115433	14 140		11.09- 11.12	115638	12 1.7	
					11.09- 11.12	113841	12 1.7	
				11.09- 11.12	115311	12 2.0		
[CFHB]	07.10-	113992	14 140		07.10-	115638	12 1.7	



Application list

VW Continued

	[CFHC]	07.09-	113992	14	140		07.09-	115638	12	1.7
							07.09-	113841	12	1.7
							07.09-	115311	12	2.0
	[CJAA]	10.08-	113992	14	140		10.08- 05.13	115638	12	1.7
		10.08- 05.13	115433	14	140		10.08- 05.13	115311	12	2.0
							07.09-	113841	12	1.7
	[CLCA]	10.08- 11.12	113992	14	140		01.10-	115638	12	1.7
							01.10-	115311	12	2.0
	[CLCB]	07.09-	113992	14	140		07.09-	115638	12	1.7
							07.09-	113841	12	1.7
							07.09-	115311	12	2.0
	[CUUB]						11.13-	115402	12	1.8
Golf VI 2.0 TDi 4 Motion	[CBAB]	10.08-	113992	14	140		10.08- 11.12	115311	12	2.0
		10.08- 11.12	115433	14	140		10.08- 11.12	115638	12	1.7
	[CFFB]	11.09- 11.12	113992	14	140		11.09- 11.12	115311	12	2.0
		11.09- 11.12	115433	14	140		11.09- 11.12	115638	12	1.7
Golf VII 1.0 TSi	[CHZC]						A25 11.16-	115818	12	1.1
							A50 11.16-	115944	12	1.7
							11.16-	116272*	12	1.1
							11.16-	115612	12	1.2
	[CHZD]						05.15-	115818	12	1.1
	[CHZK]						01.17-	115818	12	1.1
Golf VII 1.2 TSi	[CJZA]	11.12-	115916	14	140		11.12-	115945	12	1.4
							07.13-	115612	12	1.2
	[CJZB]	08.12-	115916	14	140		11.12-	115945	12	1.4
							07.13-	115696	12	1.1
	[CYVA]	08.12-	115916	14	140		11.12-	115945	12	1.4
							07.13-	115696	12	1.1
	[CYVB]	04.14-	115916	14	140		04.14-	115612	12	1.2
Golf VII 1.4 TSi	[CHPA]	11.12-	115916	14	140		A25 11.12-	115818	12	1.1
							AT 11.12-	115612	12	1.2
							11.12-	115336	12	2.2
							05.13-	115612	12	1.2
	[CHPB]						05.14-	115612	12	1.2
							05.14-	115818	12	1.1
							05.14-	115944	12	1.7
	[CMBB]	11.12-	115916	14	140		A25 11.12-	115818	12	1.1
							11.12-	115612	12	1.2
	[CPTA]	11.12-	115916	14	140		A25 11.12-	115818	12	1.1
							11.12-	115336	12	2.2
							11.12-	115612	12	1.2
	[CPVA]	11.12-	115916	14	140		A25 11.12-	115818	12	1.1
							11.12-	115612	12	1.2
	[CUKA]	11.12-	115916	14	140		A25 11.12-	115818	12	1.1
							11.12-	115612	12	1.2
	[CXSA]	11.12-	115916	14	140		A25 11.12-	115818	12	1.1
							11.12-	115612	12	1.2
	[CZCA]						05.14-	115612	12	1.2
							05.14-	115818	12	1.1
							05.14-	115944	12	1.7
	[CZDA]						05.14-	115612	12	1.2
							05.14-	115818	12	1.1
							05.14-	115944	12	1.7
	[CZEA]						05.14-	115612	12	1.2
							05.14-	115818	12	1.1
							05.14-	115944	12	1.7
Golf VII 1.4	[CPWA]	09.13-	115916	14	140		A25 09.13-	115818	12	1.1
	[CZBA]	09.13-	115916	14	140		A25 09.13-	115818	12	1.1
Golf VII 1.4 TGi	[CPWA]	06.13-	115916	14	140		A25 06.13-	115818	12	1.1
	[CZBA]	06.13-	115916	14	140		A25 06.13-	115818	12	1.1
Golf VII 1.4 TSi	[CPVA]	04.13-	115916	14	140		A25 11.12-	115818	12	1.1
Golf VII 1.4 TSi	[CPVB]						A25 12.13-	115818	12	1.1
							05.14-	115612	12	1.2
							05.14-	115818	12	1.1
							05.14-	115944	12	1.7
Golf VII 1.4 TSi MultiFuel	[CPVA]	04.13-	115916	14	140		A25 04.13-	115818	12	1.1
Golf VII 1.5 TSi	[DACA]						DKG 07.17-	115944	12	1.7
							07.17-	116272*	12	1.1
							07.17-	115560	12	1.7
	[DADA]						DKG 04.17-	115944	12	1.7
							04.17-	116272*	12	1.1
							04.17-	115560	12	1.7
Golf VII 1.6 TDi	[CLHA]						A25 07.13-	115336	12	2.2
							08.12-	115610	12	2.0
							A50 07.13-	115610	12	2.0
							DKG 11.12-	115634	12	1.8
							08.12-	115336	12	2.2
							05.13-	115402	12	1.8
	[CLHB]						05.13-	115336	12	2.2
	[CRKA]						05.13-	115336	12	2.2
	[CRKB]						A25 01.13-	115336	12	2.2
							A50 01.13-	115610	12	2.0
							DKG 01.13-	115634	12	1.8
							05.13-	115336	12	2.2
	[CXXA]						05.13-	115336	12	2.2
	[CXXB]						A25 01.13-	115336	12	2.2
							A50 01.13-	115610	12	2.0
							DKG 01.13-	115634	12	1.8
	[DDYA]	11.16-	115826	14	140	A49	DKG 11.16-	115634	12	1.8
		11.16-	116195*	14	180		A50 11.16-	115610	12	2.0
		11.16-	116359*	14	140					
Golf VII 1.6 TDi 4 Motion	[CLHA]						A25 11.12-	115402	12	1.8
Golf VII 1.6 TDi 4motion	[CRKB]	01.13-	115826	14	140					
		01.13-	116195*	14	180					
		01.13-	116359*	14	140					
		05.13-	114322	14	140					



	[CXXB]	01.13-	115826	14 140				
		01.13-	116195*	14 180				
		01.13-	116359*	14 140				
Golf VII 2.0	[CJXB]					11.13-	115561	12 1.7
						11.13-	115900	12 1.1
	[CJXC]					11.13-	115561	12 1.7
						11.13-	115900	12 1.1
	[DLBA]	03.17-	116386*			03.17-	115560	12 1.7
Golf VII 2.0 4motion	[CJXB]					03.15-	115561	12 1.7
						03.15-	115900	12 1.1
	[CJXD]	12.16-	116386*	VA				
	[CJXG]	12.16-	116386*					
	[DJHA]	12.16-	116386*					
	[DJHB]	12.16-	116386*					
Golf VII 2.0 R 4motion	[CJXC]					03.15-	115561	12 1.7
						03.15-	115900	12 1.1
		11.14-	116387*		DKG	11.14-	115900	12 1.1
		11.14-	116386*			11.14-	115696	12 1.1
					A50	11.14-	115561	12 1.7
					A25	11.14-	115560	12 1.7
Golf VII 2.0 GTI	[CHHA]				A25	04.13-	115561	12 1.7
						04.13-	115900	12 1.1
	[CHHB]				A25	04.13-	115561	12 1.7
						04.13-	115900	12 1.1
	[CJXE]					02.16-	115561	12 1.7
Golf VII 2.0 GTD	[CUNA]	04.13-	115826	14 140 A49	A25	04.13-	115402	12 1.8
		04.13-	116359*	14 140		04.13-	115638	12 1.7
Golf VII 2.0 TDI	[CKFC]	11.12-	115826	14 140 A49	A25	11.12-	115402	12 1.8
		11.12-	116359*	14 140		11.12-	115638	12 1.7
	[CRBB]	08.12-	115826	14 140 A49		08.12-	115638	12 1.7
		08.12-	116359*	14 140				
	[CRBC]	11.12-	115826	14 140 A49	A25	07.13-	115402	12 1.8
		11.12-	116359*	14 140		11.12-	115638	12 1.7
	[CRLB]	11.12-	115826	14 140 A49	A25	07.13-	115402	12 1.8
		11.12-	116359*	14 140		11.12-	115638	12 1.7
	[CRMB]	11.12-	115826	14 140 A49	A25	07.13-	115402	12 1.8
		11.12-	116359*	14 140		11.12-	115638	12 1.7
	[CRVA]					11.12-	115638	12 1.7
	[CRVC]					08.12-	115638	12 1.7
Golf VII 2.0 TDI 4 Motion	[CKFC]	11.12-	115826	14 140 A49	A25	11.12-	115402	12 1.8
		11.12-	116359*	14 140				
	[CRBC]	11.12-	115826	14 140 A49	A25	11.12-	115402	12 1.8
		11.12-	116359*	14 140				
	[CRLB]	11.12-	115826	14 140 A49	A25	11.12-	115402	12 1.8
		11.12-	116359*	14 140				
	[CRMB]	11.12-	115826	14 140 A49	A25	11.12-	115402	12 1.8
		11.12-	116359*	14 140				
Ilitis 1.7	[YX]	08.80-12.88	111653	14 45				
Jetta 1.1	[GG]	08.80-07.82	110360	14 45				
		08.81-07.82	110913	14 70				
Jetta 1.2 TSi	[CBZB]	02.11-	115765	14 140		02.11-	115612	12 1.2
		02.11-	115767	14 140		02.11-	115634	12 1.8
		02.11-	116207*	14 110		02.11-	115645	12 2.0
						02.11-	114175	12 1.1
Jetta 1.3	[2G]	01.89-07.92	111288	14 65				
	[GF]	02.80-12.83	110360	14 45				
		08.81-12.83	110913	14 70				
	[GS]	08.82-12.83	110360	14 45				
		08.82-12.83	110913	14 70				
	[GT]	08.85-07.87	111288	14 65				
	[MH]	08.85-12.88	111288	14 65				
	[NZ]	02.87-07.92	111288	14 65				
Jetta 1.4 TSi	[BLG]	07.06-	113861	14 110		AT 07.06-07.06-	115333	12 1.0
							114163	12 1.1
	[BMY]	07.06-	113861	14 110		AT 07.06-07.06-	115333	12 1.0
							114163	12 1.1
	[CAVD]	04.11-	114884	14 140		07.08-04.11-	114163	12 1.1
							115612	12 1.2
	[CAXA]	05.07-	113861	14 110		05.07-	114163	12 1.1
		05.07-	114769	14 110		DSG 05.07-05.07-	115611	12 1.1
							113773	12 1.1
	[CTHD]	04.11-	114884	14 140		04.11-04.11-	115612	12 1.2
							114163	12 1.1
	[CZCA]					A25 08.14-	115818	12 1.1
	[CZDA]					A25 08.14-	115818	12 1.1
Jetta 1.5	[JB]	08.79-12.83	111653	14 45		AT 08.79-12.83	110864	12 0.7
Jetta 1.6	[FR]	08.80-12.83	111653	14 45		AT 08.80-12.83	110864	12 0.7
	[ABN]	01.84-07.85	110919	14 70		AT 01.84-07.91	110864	12 0.7
		08.85-07.92	112149	14 65		01.84-07.91	111059	12 0.9
	[BSE]	10.05-	111989	14 90		10.05-	113773	12 1.1
		10.05-	113992	14 140		10.05-	114176	12 1.0
		10.05-	115482	14 90 A49		10.05-	115612	12 1.2
	[BSF]	10.05-	111989	14 90		10.05-	113773	12 1.1
		10.05-	113992	14 140		10.05-	114176	12 1.0
		10.05-	115482	14 90 A49		10.05-	115612	12 1.2
	[CCSA]	10.05-	111989	14 90		10.05-	113773	12 1.1
		10.05-	113992	14 140		10.05-	114176	12 1.0
		10.05-	115482	14 90 A49		10.05-	115612	12 1.2
	[EZ]	01.84-07.92	111094	14 65		01.84-07.92	111059	12 0.9
		01.84-07.92	111154	14 65				
		01.84-07.92	112729	14 90				
	[HM]	01.84-07.85	110919	14 70		AT 01.84-07.88	110864	12 0.7
		08.85-07.88	112149	14 65		01.84-07.88	111059	12 0.9
	[PN]	10.86-07.92	112149	14 65		10.86-07.92	111059	12 0.9
						AT 10.86-07.92	110864	12 0.7
	[RF]	03.86-10.91	112149	14 65		03.86-10.91	111059	12 0.9
						AT 03.86-10.91	110864	12 0.7

STARTERS & ALTERNATORS



Application list

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Jetta 1.6 FSi	[BLF]	09.05-	114769	14	110		09.05-	115504	12	1.1	A49
							AT 09.05-	111909	12	1.1	
							09.05-	113773	12	1.1	
Jetta 1.6 GTI 4x4	[EG]	08.79- 07.82	111653	14	45						
Jetta 1.6 Multijet	[CCSA]	01.08-	113992	14	140						
Jetta 1.6 Diesel	[CR]	08.80- 12.83	110360	14	45	08.80- 12.83	110996	12	1.7	A49	
		08.80- 12.83	110913	14	70						
		AC 08.80- 12.83	110913	14	70						
	[JK]	08.80- 12.83	110360	14	45	08.80- 12.83	110996	12	1.7	A49	
		08.80- 12.83	110913	14	70						
		AC 08.80- 12.83	110913	14	70						
	[JP]	08.85- 10.91	111154	14	65	01.84- 07.92	111059	12	0.9		
		08.85- 10.91	111288	14	65	01.84- 10.91	111060	12	1.7		
		AC 01.84- 05.84	112729	14	90						
	[ME]	08.85- 10.91	111154	14	65	01.84- 07.92	111059	12	0.9		
08.85- 10.91		111288	14	65	08.84- 10.91	111060	12	1.7			
Jetta 1.6 TD	[1V]	08.89- 07.92	111154	14	65	08.89- 07.92	111060	12	1.7		
		08.89- 07.92	111288	14	65						
	[CY]	03.82- 12.83	110360	14	45	03.82- 12.83	110996	12	1.7	A49	
		03.82- 12.83	110913	14	70						
		AC 03.82- 12.83	110913	14	70						
	[JR]	08.85- 10.91	111154	14	65	01.84- 07.92	111059	12	0.9		
		08.85- 10.91	111288	14	65	01.84- 10.91	111060	12	1.7		
		AC 01.84- 05.84	112729	14	90						
	[MF]	08.85- 07.92	111154	14	65	01.84- 07.92	111059	12	0.9		
		08.85- 07.92	111288	14	65	08.84- 07.92	111060	12	1.7		
	[RA]	04.89- 02.90	111154	14	65	04.89- 02.90	111060	12	1.7		
		04.89- 02.90	111288	14	65						
	[SB]	08.89- 10.91	111154	14	65	08.89- 10.91	111060	12	1.7		
08.89- 10.91		111288	14	65							
Jetta 1.6 TDI	[CAYC]	02.11-	113992	14	140	06.09-	114299	12	1.7		
		02.11-	115433	14	140	DKG 06.09-	115610	12	2.0		
						02.11-	115336	12	2.2		
						02.11-	115634	12	1.8		
Jetta 1.8	[EV]	01.84- 07.85	110919	14	70	01.84- 07.87	111059	12	0.9		
		08.85- 07.87	112149	14	65						
	[GU]	12.83- 07.85	110919	14	70	12.83- 10.91	111059	12	0.9		
		08.85- 10.91	112149	14	65						
	[GX]	12.83- 07.85	110919	14	70	12.83- 10.91	111059	12	0.9		
		08.84- 07.85	111094	14	65						
		08.85- 10.87	111288	14	65						
		08.85- 10.91	112149	14	65						
	[GZ]	01.84- 07.85	110919	14	70	01.84- 07.87	111059	12	0.9		
		08.85- 07.87	112149	14	65						
	[HV]	12.83- 07.85	110919	14	70	12.83- 07.87	111059	12	0.9		
		04.84- 07.87	111288	14	65						
		08.85- 07.87	112149	14	65						
	[JJ]	08.82- 12.83	111653	14	45						
	[PB]	02.87- 10.91	112149	14	65	02.87- 10.91	111059	12	0.9		
	[PF]	08.85- 07.92	112149	14	65	08.85- 07.92	111059	12	0.9		
	[RD]	08.85- 10.87	112149	14	65	08.85- 10.87	111059	12	0.9		
[RH]	08.86- 07.90	112149	14	65	08.86- 07.90	111059	12	0.9			
[RP]	01.84- 07.85	110919	14	70	01.84- 10.91	111059	12	0.9			
	08.85- 10.91	112149	14	65							
Jetta 1.8 Syncro	[1P]	08.88- 07.92	112149	14	65	08.88- 07.92	111059	12	0.9		
	[RP]	10.87- 10.91	111288	14	65	08.87- 12.88	111059	12	0.9		
Jetta 1.8 16V	[KR]					08.86- 10.91	111059	12	0.9		
	[PL]					08.86- 10.91	111059	12	0.9		
Jetta 1.8 TSi	[CPKA]	07.14-	114722	14	140	07.14-	115696	12	1.1		
						07.14-	114163	12	1.1		
	[CPRA]	07.14-	114722	14	140	07.14-	115696	12	1.1		
						07.14-	114163	12	1.1		
Jetta 1.9 TDi	[BKC]	09.05-	113992	14	140	09.05-	115504	12	1.1	A49	
		09.05-	115370	14	110	08.05-	115508	12	1.7	A49	
						AT 08.05-	113509	12	1.7		
						09.05-	111909	12	1.1		
						09.05-	113842	12	1.7		
	[BLS]	08.05-	113992	14	140	08.05-	115508	12	1.7	A49	
		08.05-	115370	14	110	AT 08.05-	115611	12	1.1		
						08.05-	111909	12	1.1		
						08.05-	113842	12	1.7		
						08.05-	115504	12	1.1	A49	
[BXE]	09.05-	113992	14	140	09.05-	113842	12	1.7			
	09.05-	115370	14	110	08.05-	115508	12	1.7	A49		
Jetta 2.0	[CBPA]	06.10-	113992	14	140	06.10-	113773	12	1.1		
		06.10-	115370	14	110	06.10-	114163	12	1.1		
	[CKJA]	06.10-	113992	14	140	06.10-	113773	12	1.1		
		06.10-	115370	14	110						
Jetta 2.0 FSi	[BLR]	08.05-	113992	14	140	08.05-	115504	12	1.1	A49	
						AT 08.05-	111909	12	1.1		
						08.05-	113773	12	1.1		
						08.05- 11.05	114163	12	1.1		
	[BLY]	08.05-	113992	14	140	08.05-	115504	12	1.1	A49	
						AT 08.05-	111909	12	1.1		
						08.05-	113773	12	1.1		
						10.05- 11.05	114163	12	1.1		
[BVY]	08.05-	113992	14	140	12.05-	114163	12	1.1			
					08.05-	113773	12	1.1			
[BVZ]	08.05-	113992	14	140	12.05-	114163	12	1.1			
					08.05-	113773	12	1.1			
Jetta 2.0 TFSi	[BPY]	10.05-	113992	14	140	AT 10.05-	115333	12	1.0		
						10.05-	113773	12	1.1		
	[BWA]	10.05-	113992	14	140	AT 10.05-	115333	12	1.0		
						10.05-	113773	12	1.1		
						10.05-	115333	12	1.0		
						10.05-	115333	12	1.0		
[CCTA]	02.08-	113992	14	140	02.08-	115333	12	1.0			



Jetta 2.0 TSI	[CCZA]	10.05-	113992	14	140		10.05-	115333	12	1.0	
	[CBFA]	12.10-	114722	14	140		12.10-	115900	12	1.1	
	[CCTA]	12.10-	114722	14	140		12.10-	115900	12	1.1	
	[CCZA]	12.10-	114722	14	140		12.10-	115900	12	1.1	
Jetta 2.0 TDi	[AZV]	09.05-	113992	14	140		09.05-	113841	12	1.7	
	[BKD]	09.05-	115370	14	110						
		08.05-	113992	14	140		08.05-	113841	12	1.7	
		08.05-	115370	14	110		08.05-	115311	12	2.0	
	[BMM]	10.05-	113992	14	140		AT	08.05-	113509	12	1.7
		10.05-	115370	14	110			10.05-	113841	12	1.7
	[BMN]	10.06-	113992	14	140		08.05-	113841	12	1.7	
	[CBDA]	10.06-	115370	14	110						
		09.05-	113992	14	140		09.05-	113841	12	1.7	
	[CBDB]	09.05-	115370	14	110						
	[CEGA]	04.08-	113861	14	110		04.08-	115311	12	2.0	
		04.08-	113992	14	140						
	[CFFB]	10.06-	113992	14	140		10.06-	113509	12	1.7	
	[CFHC]	10.06-	115370	14	110		08.05-	113841	12	1.7	
		02.11-	113992	14	140		02.11-	115638	12	1.7	
	[CJAA]	02.11-	113992	14	140		02.11-	113841	12	1.7	
		02.11-	113992	14	140		02.11-	115638	12	1.7	
	[CLCA]	04.08-	113861	14	110		02.11-	113841	12	1.7	
	[CLCB]	04.08-	113992	14	140		02.11-	115638	12	1.7	
		04.08-	113992	14	140		04.08-	115311	12	2.0	
[CUUB]	10.10-	113992	14	140		10.10-	115638	12	1.7		
	02.11-	113992	14	140		02.11-	115638	12	1.7		
						02.11-	113841	12	1.7		
						02.11-	115638	12	1.7		
						02.11-	113841	12	1.7		
						02.11-	115638	12	1.7		
						04.08-	115311	12	2.0		
						04.08-	115311	12	2.0		
						08.14-	115336	12	2.2		
						08.14-	115402	12	1.8		
Jetta 2.5	[BTK]					09.06-	114163	12	1.1		
Jetta IV 1.2 Tsi 16V	[CYVD]	08.14-	116193*	12	140		08.14-	115944	12	1.7	
						DKG	08.14-	116272*	12	1.1	
						DKG	08.14-	115560	12	1.7	
							08.14-	115645	12	2.0	
Jetta IV 1.4 TSi	[CAVA]	04.11-	114884	14	140		04.11-	115612	12	1.2	
	[CAXA]						05.11-	115612	12	1.2	
	[CMSB]						05.11-	115612	12	1.2	
Jetta IV 1.6	[CTHA]	04.11-	114884	14	140		04.11-	115612	12	1.2	
	[CFNA]	12.11-	114884	14	140		12.11-	115612	12	1.2	
	[CFNB]	03.13-	114884	14	140		03.13-	114034	12	1.0	
Jetta IV 2.0 TSi	[CLRA]	12.11-	114884	14	140		12.11-	115612	12	1.2	
	[CPLA]						12.12-	115900	12	1.1	
	[CPPA]						12.12-	115900	12	1.1	
Jetta VI 1.6	[CWVA]						09.15-	115560	12	1.7	
							09.15-	115696	12	1.1	
K 70 1.6	[DA]	01.73- 10.74	110360	14	45						
K 70 1.8	[DC]	01.73- 10.74	110360	14	45						
Kaefer 1.2	[D]	08.74- 12.85	111096	14	51		08.69- 12.85	110363	12	0.7	
		08.71	111225								
Kaefer 1.2 1303	[D]	04.75- 07.75	111096	14	51		04.75- 07.75	110363	12	0.7	
Kaefer 1.3	[AB]	08.72- 07.73	111225				08.70- 07.75	110363	12	0.7	
		08.74- 07.75	111096	14	51						
	[AR]	08.72- 07.73	111225				08.72- 07.75	110363	12	0.7	
		08.74- 07.75	111096	14	51						
	[F]					08.69- 07.70	110363	12	0.7		
Kaefer 1.3 1302	[AB]					08.70- 07.72	110363	12	0.7		
Kaefer 1.3 1303	[AB]	08.74- 07.75	111096	14	51		08.72- 07.75	110363	12	0.7	
Kaefer 1.3 Karmann	[F]					08.69- 07.70	110363	12	0.7		
Kaefer 1.5	[H]	08.67- 07.70	111225				08.69- 07.70	110363	12	0.7	
Kaefer 1.6	[ACD]	07.94-	111096	14	51		10.92-	110363	12	0.7	
	[AD]	08.72- 07.73	111225				07.70- 12.79	110363	12	0.7	
		08.74- 12.79	111096	14	51						
	[AF]						10.73- 09.92	110363	12	0.7	
	[AJ]	08.72- 07.73	111225				08.72- 12.79	110363	12	0.7	
		08.74- 12.79	111096	14	51						
	[AS]	08.72- 07.73	111225				08.72- 12.79	110363	12	0.7	
	08.74- 12.79	111096	14	51							
Karmann Ghia 1.5	[H]	08.67- 07.70	111225				01.66- 12.69	110363	12	0.7	
Karmann Ghia 1.6 1600	[AD]						01.70- 07.74	110363	12	0.7	
Load Up 1.0	[CHYA]	12.14-	115695	14	110		12.14-	115696	12	1.1	
		A25 12.14-	116232*	14	110						
Load Up 1.0 EcoFuel	[CPGA]	12.14-	115695	14	110		12.14-	115696	12	1.1	
		A25 12.14-	116232*	14	110						
LT 28-35 2.0	[CH]	08.79- 11.82	111653	14	45						
LT 28-35 2.3	[AGL]	05.96-	111902	14	115		05.96-	111347	12	1.2	
LT 28-35 2.4	[DL]	12.82- 07.85	111653	14	45						
		08.83- 07.84	112729	14	90						
		08.85- 07.92	111094	14	65						
		08.85- 07.92	112149	14	65						
LT 28-35 2.4 i	[IE]	10.88- 04.96	111094	14	65						
		10.88- 07.93	112149	14	65						
		10.88- 06.96	112729	14	90						
LT 28-35 2.4 Diesel	[IS]	08.88- 07.92	111094	14	65	▲	08.88- 07.92	112537	12	2.2	
		08.88- 07.92	112729	14	90						
		08.88- 07.92	112735	14	45						
	[ACT]	08.92- 04.96	111094	14	65	▲	08.92- 04.96	112537	12	2.2	
		08.92- 04.96	112729	14	90						
		08.92- 04.96	112735	14	45						
	[CP]	08.79- 11.82	111653	14	45		08.78- 11.82	111112	12	2.0	



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	[DW]	11.82- 07.92	111094	14 65 ▲	11.82- 07.87	111112	12 2.0
		11.82- 07.85	111653	14 45	08.84- 07.92	112537	12 2.2
		08.83- 07.92	112729	14 90			
		08.85- 07.92	112149	14 65			
		08.85- 07.92	112735	14 45			
LT 28-35 2.4 TD	[1G]	08.88- 08.92	111094	14 65	08.88- 08.92	111120	12 2.2
		08.88- 08.92	112149	14 65			
		08.88- 08.92	112729	14 90			
		08.88- 08.92	112735	14 45			
	[ACL]	09.92- 04.96	111094	14 65	09.92- 04.96	111120	12 2.2
		09.92- 04.96	112729	14 90			
		09.92- 04.96	112735	14 45			
	[DV]	12.82- 07.85	111653	14 45	12.82- 08.92	111120	12 2.2
		08.83- 08.92	112729	14 90			
		08.85- 08.92	111094	14 65			
		08.85- 08.92	112149	14 65			
		08.85- 08.92	112735	14 45			
LT 28-35 2.5 SDI	[AGX]	05.96- 04.01	113754	14 120	07.96-	112014	12 2.0
		07.96- 07.98	111898	14 120			
		07.96- 07.98	111899	14 90			
		07.98-	112043	14 90			
LT 28-35 2.5 TDi	[AHD]	05.96- 05.99	111898	14 120	05.96-	112221	12 2.0
		05.96- 07.98	111899	14 90			
		05.96- 04.01	113754	14 120			
		07.98-	112043	14 90			
	[ANJ]	05.99-	112043	14 90	05.99-	112221	12 2.0
		05.99- 04.06	113754	14 120	05.99-	112430	12 2.0
	[APA]	05.99-	112043	14 90	05.99-	112430	12 2.0
		05.99- 04.01	113754	14 120	05.99-	112221	12 2.0
	[AVR]	12.02- 04.06	113754	14 120	05.99-	112430	12 2.0
	[BBE]	05.01-	112043	14 90	05.01-	112221	12 2.0
		05.01-	113754	14 120			
	[BBF]	05.01-	112043	14 90	05.01-	112221	12 2.0
		05.01-	113754	14 120			
LT 28-35 2.8 TDi	[AGK]	06.97- 07.98	111898	14 120	06.97- 12.98	114304	12 2.3
		06.97- 07.98	111899	14 90			
		01.98- 12.98	113888	14 90			
	[ATA]	01.99- 01.02	113888	14 90	01.99-	114304	12 2.3
					01.99-	110844	12 2.2
	[AUH]	04.02-	112002	14 120 ▲	04.02-	114304	12 2.3
		04.02-	112079	14 90 A47			
		04.02-	114789	14 90 A49			
		04.02- 07.06	115483	14 120 A49			
	[BCQ]	04.02-	112002	14 120 A47	04.02-	114304	12 2.3
		04.02-	112079	14 90 A47			
		04.02-	114789	14 90 A49			
		04.02- 07.06	115483	14 120 A49			
LT 40-55 2.0	[CH]				04.75- 09.83	112455	12 1.4
LT 40-55 2.3	[AGL]				05.96- 11.01	111347	12 1.2
LT 40-55 2.4	[DL]	09.85- 07.92	111094	14 65			
LT 40-55 2.4 i	[1E]	10.88- 04.96	111094	14 65			
		07.93- 04.96	112729	14 90			
LT 40-55 2.4 Diesel	[1S]	08.89- 07.92	111094	14 65 ▲	08.89- 07.92	112537	12 2.2
		08.89- 07.92	112729	14 90			
		08.89- 07.92	112735	14 45			
	[ACT]	08.92- 12.95	111094	14 65 ▲	08.92- 12.95	112537	12 2.2
		08.92- 12.95	112729	14 90			
		08.92- 12.95	112735	14 45			
	[CP]	08.79- 11.82	111653	14 45	12.78- 11.82	111112	12 2.0
	[DW]	12.82- 07.85	111653	14 45	08.84- 07.87	111112	12 2.0
		11.84- 07.92	112729	14 90	08.84- 07.92	112537	12 2.2
		08.85- 07.92	112149	14 65			
		08.85- 07.92	112735	14 45			
LT 40-55 2.4 Diesel 4x4	[DW]	12.82- 07.85	111653	14 45	09.85- 07.92	112537	12 2.2
		08.84- 07.92	112729	14 90			
		08.85- 07.92	111094	14 65			
		08.85- 07.92	112735	14 45			
LT 40-55 2.4 TD	[1G]	08.88- 08.92	111094	14 65	08.88- 08.92	111120	12 2.2
		08.88- 08.92	112729	14 90			
		08.88- 08.92	112735	14 45			
	[ACL]	09.92- 04.96	111094	14 65	09.92- 04.96	111120	12 2.2
		09.92- 04.96	112729	14 90			
		09.92- 04.96	112735	14 45			
	[DV]	12.82- 08.85	111653	14 45	12.82- 09.92	111120	12 2.2
		12.82- 08.92	112729	14 90			
		08.85- 08.92	111094	14 65			
		08.85- 08.92	112735	14 45			
LT 40-55 2.4 TD 4x4	[DV]	09.85- 08.92	111094	14 65	08.78- 03.86	111120	12 2.2
		09.85- 08.92	112729	14 90			
LT 40-55 2.5 SDI	[AGX]	09.96-	113754	14 120	07.96-	112014	12 2.0
LT 40-55 2.5 TDi	[AHD]				05.96- 08.99	112221	12 2.0
	[ANJ]	05.99-	113754	14 120	05.99-	112430	12 2.0
	[APA]	05.99-	113754	14 120			
	[AVR]	05.99-	113754	14 120	05.99-	112430	12 2.0
	[BBE]	05.01-	112043	14 90	05.01-	112221	12 2.0
		05.01-	113754	14 120			
	[BBF]	05.01-	112043	14 90	05.01-	112221	12 2.0
		05.01-	113754	14 120			
LT 40-55 2.8 TDi	[AGK]				06.97- 12.98	114304	12 2.3
	[ATA]				01.99-	110844	12 2.2
					01.99-	114304	12 2.3
	[AUH]	04.02- 04.06	112002	14 120 ▲	04.02-	114304	12 2.3
		04.02-	112079	14 90 A47			
		04.02-	114789	14 90 A49			
		04.02- 07.06	115483	14 120 A49			



	[BCO]	04.02- 04.02- 04.02- 04.02- 07.06	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		04.02-	114304	12 2.3	
Lupo 1.0	[AER]	PS 01.99- PS 01.99-	112273 112274	14 70 14 90		10.98- 05.00 09.98- 07.05	113750 114758	12 0.9 BO 12 0.9 MA	
	[AHT]					09.98- 07.05 09.98- 07.05	113750 114758	12 0.9 BO 12 0.9 MA	
	[ALD]	PS 05.99- PS 05.99-	112273 112274	14 70 14 90		10.98- 07.05 09.98- 07.05	113750 114758	12 0.9 BO 12 0.9 MA	
	[ALL]	PS 10.98- PS 10.98-	112273 112274	14 70 14 90		10.98- 05.00 09.98- 07.05	113750 114758	12 0.9 BO 12 0.9 MA	
	[ANV]	PS 05.99- PS 05.99-	112273 112274	14 70 14 90		10.98- 05.00 09.98- 07.05	113750 114758	12 0.9 BO 12 0.9 MA	
	[AUC]	PS 10.98- PS 10.98-	112273 112274	14 70 14 90		05.00- 07.05 09.98- 07.05	113750 114758	12 0.9 BO 12 0.9 MA	
Lupo 1.2 TDi 3L	[ANY]	07.99-	113275	14 120					
	[AYZ]	07.99-	113275	14 120					
Lupo 1.4	[AHW]	01.99- 01.99-	112273 112274	14 70 14 90		01.99-	112307	12 1.1	
	[AKO]	10.98- 10.98-	112273 112274	14 70 14 90		10.98-	112307	12 1.1	
	[APE]	05.99- 05.99-	112273 112274	14 70 14 90		05.99-	112307	12 1.1	
	[AUA]					AC 09.00- 04.02	111823	12 1.1	
	[AUD]	10.00-	112274	14 90		10.00- 07.05 AT 10.00- 10.00- 10.00- 07.05	114758 111823 112307 113750	12 0.9 MA 12 1.1 12 1.1 12 0.9 BO	
	[BBY]					AC 11.01-	111823	12 1.1	
Lupo 1.4 16V	[AFK]	05.99- 05.99-	112273 112274	14 70 14 90		05.99-	112307	12 1.1	
	[ANM]	05.99- 05.99-	112273 112274	14 70 14 90		05.99-	112307	12 1.1	
	[AOQ]	05.99- 05.99-	112273 112274	14 70 14 90		05.99-	112307	12 1.1	
	[AUB]	05.00- 05.00-	112273 112274	14 70 14 90		05.00-	112307	12 1.1	
Lupo 1.4 TDi	[AMF]	01.99-	113275	14 120		01.99- 07.05 01.99-	115503 111900	12 1.8 A49 12 1.8	
Lupo 1.6	[BLH]	01.04- 12.09 01.04- 12.09	112079 112274	14 90 14 90					
Lupo 1.6 GTi	[AVY]	09.00- 09.00- 09.00- 09.00- 07.05	111989 112075 112274 115482	14 90 14 70 14 90 14 90 A49		09.00- 09.00-	112435 113515	12 1.1 12 0.9	
Lupo 1.7 SDi	[AKU]					04.98-	111904	12 1.8	
Multivan 1.9 TDi	[AXB]	04.03- 04.03- 04.03- 04.03-	112002 112079 113992 115483	14 120 A47 14 90 A47 14 140 14 120 A49		04.03- 04.03- 04.03-	113842 115508	12 1.7 12 1.7 A49	
	[AXC]	04.03- 11.09 04.03- 11.09 04.03- 11.09	112002 112079 115483	14 120 A47 14 90 A47 14 120 A49		04.03- 11.09 04.03- 11.09	113842 115508	12 1.7 12 1.7 A49	
	[BRR]	01.06- 01.06- 01.06-	112002 113992 115483	14 120 A47 14 140 14 120 A49		01.06- 01.06-	115508 113842	12 1.7 A49 12 1.7	
	[BRS]	06.06- 06.06- 06.06-	112002 113992 115483	14 120 A47 14 140 14 120 A49		06.06- 06.06-	113842 115508	12 1.7 12 1.7 A49	
Multivan 2.0	[AXA]	04.03- 04.03- 11.03-	112002 113992 115483	14 120 A47 14 140 14 120 A49		09.90- 09.90- 06.03 11.03-	112306 113677 114163	12 1.1 12 1.1 12 1.1	
Multivan 2.0 TSi	[CJKA]	05.11-	115922	14 140		05.11- 05.11- 04.15-	115900 113841 115561	12 1.1 12 1.7 12 1.7	
	[CJKB]	07.12-	115922	14 140		07.12- 04.15-	113841 115696	12 1.7 12 1.1	
Multivan 2.0 TSi 4motion	[CJKA]	07.11-	115922	14 140		07.11- 06.15-	115900 115561	12 1.1 12 1.7	
Multivan 2.0 BITDI	[CFCA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	115638	12 1.7	
Multivan 2.0 BITDI 4 Motion	[CFCA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09- 09.09-	113841 115638	12 1.7 12 1.7	
Multivan 2.0 TDi	[CCHA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	115638	12 1.7	
	[CCHB]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7	
	[CFCA]	04.15- 04.15-	115826 116359*	14 140 A49 14 140		04.15- 04.15- 04.15-	115638 113841 115402	12 1.7 12 1.7 12 1.8	
	[CXEB]	06.15- 06.15-	115826 116359*	14 140 A49 14 140		06.15- 06.15-	115539 116156	12 2.0 A49 12 2.0	
	[CXFA]	04.15- 04.15-	115826 116359*	14 140 A49 14 140					
	[CXGA]	04.15- 04.15-	115826 116359*	14 140 A49 14 140		04.15-	115336	12 2.2	
	[CXGB]	04.15-	115707	14 110		04.15- 04.15-	115336 114299	12 2.2 12 1.7	
	[CXHA]	04.15- 04.15-	115826 116359*	14 140 A49 14 140					
	[CXHB]	05.16- 05.16- 05.16-	115826 116195* 116359*	14 140 A49 14 180 14 140		05.16-	115336	12 2.2	
	[CAAA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	114299	12 1.7	



Application list

VW Continued

	[CAAB]	09.09- 09.09-	114697 115707	14 180 14 110		04.15- 09.09-	115336 114299	12 2.2 12 1.7
	[CAAC]	09.09- 09.09-	114697 115707	14 180 14 110		04.15- 09.09- 04.15-	115402 115638 113841	12 1.8 12 1.7 12 1.7
	[CAAD]	05.11-	115707	14 110		05.11-	115336	12 2.2
	[CAAE]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
Multivan 2.0 TDi 4 Motion	[CCHA]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	115638	12 1.7
	[CAAC]	09.09- 09.09-	114697 115707	14 180 14 110		09.09-	115638	12 1.7
Multivan 2.0 TDi 4motion	[CCHB]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
	[CFCA]	06.15- 06.15-	115826 116359*	14 140 A49 14 140		06.15-	115638	12 1.7
	[CXEB]	06.15- 06.15-	115826 116359*	14 140 A49 14 140		06.15- 06.15-	115539 116156	12 2.0 A49 12 2.0
	[CXFA]	08.15- 08.15-	115826 116359*	14 140 A49 14 140				
	[CAAC]	06.15-	115707	14 110		06.15- 06.15- 06.15-	115638 113841 115402	12 1.7 12 1.7 12 1.8
	[CAAE]	05.10- 05.10-	114697 115707	14 180 14 110		05.10-	115638	12 1.7
Multivan 2.5	[AET]	08.96- 08.98 08.96- 08.98 08.96- 06.03 08.98-	111898 111899 113754 112043	14 120 14 90 14 120 14 90		08.96- AT 08.96- 11.90- 12.94	113387 111060 112167	12 2.0 12 1.7 12 1.8
	[APL]	08.96- 08.98 08.96- 08.98 08.98- 05.99- 12.99	111898 111899 112043 113754	14 120 14 90 14 90 14 120		05.99- AT 05.99-	113387 111060	12 2.0 12 1.7
	[AVT]	12.99- 06.03 12.99- 06.03	112043 113754	14 90 14 120		12.99- 12.99- 06.03	111060 113387	12 1.7 12 2.0
Multivan 2.5 TDi	[AXD]	04.03-	113947	14 180		04.03- 04.03-	115507 113678	12 2.2 A49 12 2.2
	[AXE]	04.03-	113947	14 180		04.03- 04.03-	115507 113678	12 2.2 A49 12 2.2
	[BLJ]	11.03-	113947	14 180		11.03- 11.03-	113678 115507	12 2.2 12 2.2 A49
	[BNZ]	04.03-	113947	14 180		04.03- 04.03-	115507 113678	12 2.2 A49 12 2.2
	[BPC]	04.03-	113947	14 180		04.03- 04.03-	115507 113678	12 2.2 A49 12 2.2
Multivan 2.5 TDi 4 Motion	[AXD]	07.04-	113947	14 180		07.04- 07.04-	115507 113678	12 2.2 A49 12 2.2
	[AXE]	07.04-	113947	14 180		07.04- 07.04-	115507 113678	12 2.2 A49 12 2.2
	[BNZ]	07.04-	113947	14 180		07.04- 07.04-	115507 113678	12 2.2 A49 12 2.2
	[BPC]	07.04-	113947	14 180		07.04- 07.04-	115507 113678	12 2.2 A49 12 2.2
Multivan 3.2 V6	[BDL]	04.03- 04.03- 04.03-	112002 113884 115483	14 120 A47 14 150 14 120 A49		04.03-	113841	12 1.7
	[BKK]	02.04- 02.04- 02.04-	112002 113884 115483	14 120 A47 14 150 14 120 A49		02.04-	113841	12 1.7
	[CFLA]	02.04- 02.04-	112002 115483	14 120 A47 14 120 A49		02.04-	113841	12 1.7
Multivan 3.2 V6 4 Motion	[BKK]	07.04- 07.04- 07.04-	112002 113884 115483	14 120 A47 14 150 14 120 A49		07.04-	113841	12 1.7
	[CFLA]	07.04- 07.04-	112002 115483	14 120 A47 14 120 A49		07.04-	113841	12 1.7
New Beetle 1.4	[BCA]	11.01- 11.01- 09.10 01.03- AC 11.01-	112075 115482 111989 111989	14 70 14 90 A49 14 90 14 90		07.02- 11.01- 06.02	113515 112435	12 0.9 12 1.1
New Beetle 1.6	[AWH]	10.99- 10.00 10.99- 09.00 10.99- 10.00 10.99- 10.00 10.99- 10.00	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		10.99- 10.00 10.99- 10.00	111909 115504	12 1.1 12 1.1 A49
	[AYD]	06.00- 09.00- 05.01 09.00- 05.01 09.00- 05.01 09.00- 05.01	112002 111989 112075 115482 115483	14 120 A47 14 90 14 70 14 90 A49 14 120 A49		AT 09.00- 05.01 09.00- 05.01 09.00- 05.01	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
	[BFS]	06.00- 09.10 06.00- 09.10 06.00- 09.10 06.00- 09.10 06.00- 09.10	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		06.00- 09.10 06.00- 09.10 06.00- 09.10	111909 115504 112005	12 1.1 12 1.1 A49 12 1.1
New Beetle 1.8	[AGU]	10.00- 09.10 10.00- 09.10 10.00- 10.00-	111989 112002 115482 115483	14 90 14 120 A47 14 90 A49 14 120 A49		10.00- 09.10 10.00- 10.00-	111989 114174 115504	12 1.1 12 1.1 12 1.1 A49
	[APH]	10.98- 05.01 10.99- 10.99-	115482 111989 112075	14 90 A49 14 90 14 70		10.98- 05.01 AT 10.99-	115504 111909	12 1.1 A49 12 1.1
	[AVC]	05.99- 10.00 05.99- 05.99- 10.00 05.99- 10.00 05.99- 10.00	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		05.99- 10.00 AT 05.99- 10.00 05.99- 10.00	115504 111909 112429	12 1.1 A49 12 1.1 12 2.0



	[AWU]	10.00- 10.00- 10.00- 10.00- 10.00-	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		AT 10.00- 10.00- 10.00- 10.00-	111909 112429 114174 115504	12 1.1 12 2.0 12 1.1 12 1.1 A49
	[AWV]	06.00- 05.01 06.00- 06.00- 05.01 06.00- 06.04 06.00- 06.04	111989 112002 112075 115482 115483	14 90 14 120 A47 14 70 14 90 A49 14 120 A49		AT 06.00- 06.04 06.00- 06.04 06.00- 06.00- 06.04	111909 112429 114174 115504	12 1.1 12 2.0 12 1.1 12 1.1 A49
	[BKF]	10.00- 09.10 10.00- 09.10 10.00- 10.00-	111989 112002 115482 115483	14 90 14 120 A47 14 90 A49 14 120 A49		10.00- 10.00- 10.00- 09.10	114174 115504 111909	12 1.1 12 1.1 A49 12 1.1
New Beetle 1.8 Turbo	[AWP]	11.01- 06.05 11.01- 06.05 11.01- 06.05 11.01- 06.05 11.01- 06.05	111989 112002 112075 112079 115482	14 90 14 120 A47 14 70 14 90 14 90 A49		11.01- 06.05 11.01- 06.05	112005 114174	12 1.1 12 1.1
	[AWU]	01.03- 01.03- 01.03- 01.04- 01.04-	112002 115482 115483 111989 112075	14 120 A47 14 90 A49 14 120 A49 14 90 14 70		01.04- 01.03- AT 01.04- 14 90	112005 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[AWV]	01.03- 06.04 01.03- 06.04 01.03- 06.04 01.03- 06.04	111989 112002 115482 115483	14 90 14 120 A47 14 90 A49 14 120 A49		01.03- 06.04 01.03- 06.04	111909 115504	12 1.1 12 1.1 A49
	[BKF]	07.04- 07.04- 07.04- 07.04-	111989 112002 115482 115483	14 90 14 120 A47 14 90 A49 14 120 A49		07.04- 07.04- 07.04-	111909 115504	12 1.1 12 1.1 A49
	[BNU]	07.04- 07.04- 07.04- 07.04- 07.04- 07.04-	111989 112002 112075 112079 115482 115483	14 90 14 120 A47 14 70 14 90 14 90 A49 14 120 A49		07.04- 6SP 07.04-	112005 114174	12 1.1 12 1.1
New Beetle 1.9 TDi	[ALH]	01.98- 01.98- 01.98- 01.98- 06.04 01.98- 06.04 03.98-	111353 112002 112079 114789 115483 113340	14 70 14 120 A47 14 90 A47 14 90 A49 14 120 A49 14 70		AT 01.98- 01.98- 06.04 01.98-	112286 115503 111900	12 1.7 12 1.8 A49 12 1.8
	[ATD]	02.01- 02.01- 02.01- 02.01- 09.10 02.01-	112002 112079 113340 114789 115483	14 120 A47 14 90 A47 14 70 14 90 A49 14 120 A49		02.01- 02.01-	111909 115504	12 1.1 12 1.1 A49
	[AXR]	06.03- 06.03- 06.03- 06.03- 06.05	112002 112079 113340 115483	14 120 A47 14 90 A47 14 70 14 120 A49		03.03- 06.03- 06.05	111900 115503	12 1.8 12 1.8 A49
	[BEW]	07.03- 09.10 07.03- 09.10 07.03- 09.10 07.03- 09.10 07.03-	112002 112079 113340 114789 115483	14 120 14 90 A47 14 70 14 90 A49 14 120 A49		07.03- 09.10 07.03-	111900 115503	12 1.8 12 1.8 A49
	[BSW]	07.05- 07.05- 07.05- 09.10 07.05-	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		07.05- 07.05-	111900 115503	12 1.8 12 1.8 A49
New Beetle 2.0	[AEG]	01.98- 03.98 01.98- 01.98- 10.01 03.98- 03.98- 03.98- 10.01	111820 112002 115483 111989 112075 115482	14 90 14 120 A47 14 120 A49 14 90 14 70 14 90 A49		01.98- 03.98 01.98- 10.01 AT 01.98- 03.98-	111749 115504 111909 112005	12 1.1 12 1.1 A49 12 1.1 12 1.1
	[APK]	06.00- 06.05 06.00- 06.05 01.98- 03.98 01.98- 03.98- 03.98-	115482 115483 111820 112002 111989 112075	14 90 A49 14 120 A49 14 90 14 120 A47 14 90 14 70		01.98- 06.00- 06.05	111909 115504	12 1.1 12 1.1 A49
	[AOY]	01.98- 11.98- 11.98- 11.98- 06.05 11.98- 06.05	112002 111989 112075 115482 115483	14 120 A47 14 90 14 70 14 90 A49 14 120 A49		AT 11.98- 11.98- 11.98- 06.05	111909 112005 115504	12 1.1 12 1.1 12 1.1 A49
	[AVH]	09.00- 09.00- 01.98- 09.10 01.98- 09.10 01.98- 09.10	115482 115483 111989 112002 112075	14 90 A49 14 120 A49 14 90 14 120 14 70		AT 01.98- 09.00- 01.98- 09.10	114174 115504 111909	12 1.1 12 1.1 A49 12 1.1
	[AZG]	08.00- 06.05 08.00- 06.05 01.98- 03.98 01.98- 03.98- 03.98-	115482 115483 111820 112002 111989 112075	14 90 A49 14 120 A49 14 90 14 120 A47 14 90 14 70		01.98- 08.00- 06.05	111909 115504	12 1.1 12 1.1 A49
	[AZJ]	01.03- 01.03- 01.98- 09.10 01.98- 09.10 01.98- 09.10	115482 115483 111989 112002 112075	14 90 A49 14 120 A49 14 90 14 90 A47 14 70		AT6S 01.98- 01.03- AT, 4 Speed 01.98- 09.10	114174 115504 111909	12 1.1 12 1.1 A49 12 1.1



Application list

VW Continued

	[BDC]	09.02-	112002	14 120 A47		AT 01.03- 06.03	111909	12 1.1	
		01.03- 06.03	111989	14 90		AT6S 09.02-	114174	12 1.1	
		01.03- 06.03	112075	14 70		01.03- 06.03	115504	12 1.1 A49	
		01.03- 06.03	115482	14 90 A49					
		01.03- 06.03	115483	14 120 A49					
	[BEV]	01.03- 06.05	115482	14 90 A49		06.03-	115504	12 1.1 A49	
		01.03- 06.05	115483	14 120 A49		AT6S 01.98-	114174	12 1.1	
		01.98- 09.10	111989	14 90		01.98- 09.10	111909	12 1.1	
		01.98- 09.10	112002	14 120					
		01.98- 09.10	112075	14 70					
	[BGD]	09.02-	112002	14 120		01.03-	111909	12 1.1	
		01.03-	111989	14 90		AT6S 09.02-	114174	12 1.1	
		01.03-	112075	14 70		09.02-	115504	12 1.1 A49	
		01.03- 06.05	115482	14 90 A49					
		01.03- 06.05	115483	14 120 A49					
New Beetle 2.3 V5	[AQN]	10.00-	112002	14 120 A47		10.00-	114160	12 1.8	
		10.00-	112079	14 90 A47		Chas. 9C-2- 10.00- 640990-	112166	12 1.7	
		10.00-	113340	14 70					
New Beetle 3.2 RSi	[AXJ]	04.00- 05.01	111989	14 90		10.00- 05.01	112429	12 2.0	
		04.00- 05.01	112002	14 120 A47					
		04.00- 05.01	112075	14 70					
		04.00- 05.01	115482	14 90 A49					
		04.00- 05.01	115483	14 120 A49					
Passat 1.3	[EP]	08.83- 07.85	110919	14 70					
		08.83- 07.85	111094	14 65					
		08.85- 07.87	112149	14 65					
	[EU]	12.79- 07.83	110360	14 45		08.80- 07.86	110865	12 0.95	
		08.83- 07.85	110919	14 70					
	[FY]	08.83- 07.85	111094	14 65					
		08.79- 07.83	110913	14 70					
	[FZ]	12.79- 07.83	110360	14 45					
		08.80- 07.83	110913	14 70					
	Passat 1.4 TSi	[CAXA]	05.07-	113861	14 110		A44 05.07-	115337	12 2.0
05.07-			114884	14 140		05.07-	114163	12 1.1	
05.07-			115528	14 140 A49		A25 05.07-	115338	12 2.0	
05.07-			116345*	14 140		05.07-	115611	12 1.1	
						DKG 08.10-	115612	12 1.2	
[CTHD]		11.12-	115528	14 140 A49		08.10-	115508	12 1.7 A49	
		11.12-	116345*	14 140		08.10-	115612	12 1.2	
						A50 11.12-	115337	12 2.0	
[CZCA]						11.12-	115612	12 1.2	
[CZEA]						11.12-	114163	12 1.1	
Passat 1.4 TSi MultiFuel		[CKMA]	11.10-	115528	14 140 A49		A25 11.14-	115818	12 1.1
			11.10-	116345*	14 140		11.14-	115818	12 1.1
							11.10-	114163	12 1.1
						11.10-	115612	12 1.2	
						11.10-	113842	12 1.7	
Passat 1.4 TSi EcoFuel	[CDGA]	08.10-	115528	14 140 A49		11.10-	115508	12 1.7 A49	
		08.10-	116345*	14 140		08.10-	115508	12 1.7	
						01.09-	114163	12 1.1	
						A24 01.09-	115611	12 1.1	
						A25 08.10-	115338	12 2.0	
Passat 1.5 Diesel	[CK]	08.79- 07.80	111653	14 45		08.10-	115612	12 1.2	
						08.10-	115612	12 1.2	
Passat 1.6	[1F]	04.88- 07.90	112149	14 65					
	[ABN]	02.88- 12.88	112149	14 65		02.88- 12.88	112005	12 1.1	
		02.88- 12.88	112729	14 90		02.88- 12.88	112131	12 1.4	
	[ADP]	05.97- 11.00	111478	14 90		10.96- 11.00	112321	12 1.1	
		09.98- 11.00	112399	14 90					
	[AEK]	10.94- 12.95	111352	14 70		10.94- 12.95	111749	12 1.1	
		10.94- 12.95	111479	14 90		AT 10.94- 12.95	111748	12 1.1	
		AC 10.94- 12.95	111353	14 70					
		AC 10.94- 12.95	111477	14 90					
	[AFT]	12.95- 03.97	111352	14 70		12.95- 03.97	111749	12 1.1	
		12.95- 03.97	111479	14 90		AT 12.95- 03.97	111748	12 1.1	
		AC 12.95- 03.97	111353	14 70					
		AC 12.95- 03.97	111477	14 90					
	[AHL]	10.96- 09.98	111478	14 90		10.96- 11.00	112321	12 1.1	
		09.98- 11.00	112399	14 90					
		09.98- 11.00	113283	14 120					
	[ALZ]	11.00-	112399	14 90		Chas. -3B-4-200000	11.00- 10.03	112321	12 1.1
		11.00-	113283	14 120		Chas. 3B-4-200001-	11.00- 05.05	114179	12 1.2
		11.00- 05.05	113882	14 120					
	[ANA]	07.99- 11.00	112399	14 90		10.96- 11.00	112321	12 1.1	
		07.99- 11.00	113283	14 120					
	[ARM]	09.98- 11.00	112399	14 90		10.96- 11.00	112321	12 1.1	
09.98- 11.00		113283	14 120						
[BSE]	05.05-	113992	14 140		05.05-	114175	12 1.1		
[BSF]	05.05-	113992	14 140		05.05-	114175	12 1.1		
[DT]	08.83- 07.85	110919	14 70		08.80- 03.88	110865	12 0.95		
	08.83- 08.84	112729	14 90						
	08.85- 03.88	112149	14 65						
[EZ]	02.88- 07.92	112149	14 65		08.91- 07.92	111749	12 1.1		
	02.88- 12.88	112729	14 90		08.91- 07.92	112005	12 1.1		
					08.90- 07.91	112131	12 1.4		
[FS]	08.75- 07.80	113758	14 120						
[JU]	08.83- 07.85	110919	14 70		08.84- 09.86	110865	12 0.95		
	08.85- 09.86	112149	14 65		01.81- 02.83	110858	12 0.7		
[PP]	03.87- 03.88	112149	14 65		08.87- 03.88	110865	12 0.95		
[RF]	03.88- 07.89	112149	14 65						
[RL]	02.86- 03.88	112149	14 65		02.86- 03.88	110865	12 0.95		
[WV]	08.81- 07.83	111653	14 45		08.81- 07.83	110865	12 0.95		
[WY,WZ]	09.79- 07.80	111653	14 45						



	[YN]	08.79-07.81	111653	14 45				
	[YP]	08.79-02.83	111653	14 45		08.81-02.83	110865	12 0.95
Passat 1.6 FSi	[BLF]	03.05-	114769	14 110		03.05-	114175	12 1.1
		08.05-	114884	14 140		03.05-	115504	12 1.1 A49
					AT	03.05-	111909	12 1.1
						03.05-	113773	12 1.1
Passat 1.6 i	[YS]	06.78-07.80	111139	14 75				
		08.79-07.80	111653	14 45				
Passat 1.6	[RA]	08.88-07.89	111154	14 65		AT 08.88-07.89	111060	12 1.7
		08.88-07.89	112765	14 90				
Passat 1.6 Diesel	[JK]	08.85-03.88	111094	14 65				
		08.85-03.88	112735	14 45				
		AC 08.85-03.88	112729	14 90				
Passat 1.6 TD	[CY]	08.85-03.88	111094	14 65				
		08.85-03.88	112735	14 45				
		AC 08.85-03.88	112729	14 90				
	[RA]	08.88-07.89	111154	14 65		AT 08.88-07.89	111060	12 1.7
		08.88-07.89	112765	14 90				
	[SB]	08.88-11.91	111154	14 65				
		08.88-11.91	112765	14 90				
Passat 1.6 TDI	[CAYC]	08.09-	115713	14 180 A49		A25 08.10-	115336	12 2.2
		08.09-	116319	14 180		08.10-	115610	12 2.0
		08.10-	115712	14 180				
	[DCXA]	08.14-	115826	14 140 A49		DKG 08.14-	115610	12 2.0
		08.14-	116359*	14 140		A25 08.14-	115336	12 2.2
Passat 1.8	[ABS]	08.91-12.92	112149	14 65		AT 08.91-09.94	111749	12 1.1
		12.91-09.94	111352	14 70		AT 08.91-09.94	111748	12 1.1
		12.91-09.94	111479	14 90				
		AC 07.92-09.94	111353	14 70				
		AC 07.92-09.94	111477	14 90				
	[ADR]	10.96-09.98	111478	14 90		10.96-01.99	112321	12 1.1
		09.98-01.99	112399	14 90				
		09.98-01.99	113283	14 120				
	[ADZ]	10.94-05.97	111352	14 70		10.94-05.97	111749	12 1.1
		10.94-05.97	111479	14 90		10.94-05.97	115504	12 1.1 A49
						AT 10.94-05.97	111748	12 1.1
		AC 10.94-05.97	111353	14 70		AT 10.94-05.97	111909	12 1.1
		AC 10.94-05.97	111477	14 90		10.94-05.97	112005	12 1.1
	[AFY]	09.98-	112399	14 90		01.97-11.00	112321	12 1.1
	[APT]	01.99-11.99	112399	14 90		01.99-11.00	112321	12 1.1
		01.99-11.99	113283	14 120				
	[ARG]	02.99-11.00	112399	14 90		10.96-11.00	112321	12 1.1
		02.99-11.00	113283	14 120				
	[DS]	01.83-07.85	110919	14 70		01.83-03.88	110865	12 0.95
		08.85-03.88	112149	14 65				
	[DZ]	12.83-07.85	110919	14 70		12.83-03.88	110865	12 0.95
		08.85-03.88	112149	14 65				
	[JN]	01.83-07.85	110919	14 70		01.83-03.88	110865	12 0.95
		08.85-03.88	112149	14 65				
	[PB]	04.88-07.90	112149	14 65		AT 04.88-07.90	111059	12 0.9
	[PF]					AT 04.88-07.90	111059	12 0.9
	[RM]	05.86-03.88	112149	14 65		05.86-03.88	110865	12 0.95
	[RP]	02.88-07.91	112149	14 65		08.90-07.91	112131	12 1.4
						AT 02.88-07.91	111059	12 0.9
	[AAM]	08.90-11.92	112149	14 65		08.90-07.91	112131	12 1.4
		12.91-05.97	111352	14 70		08.91-05.97	111749	12 1.1
		12.92-05.97	111479	14 90		AT 08.90-07.91	111059	12 0.9
		AC 07.92-05.97	111353	14 70		AT 08.91-05.97	111748	12 1.1
		AC 07.92-05.97	111477	14 90				
Passat 1.8 4 Motion	[AWM]					Chas. -3B4157000 03.01-05.05	112321	12 1.1
						Chas. 3B4157001- 03.01-05.05	114179	12 1.2
Passat 1.8 Syncro	[DS]	01.86-03.88	112149	14 65		01.86-03.88	110865	12 0.95
	[JN]	01.86-03.88	112149	14 65		01.86-03.88	110865	12 0.95
Passat 1.8 Syncro 4 Motion	[ADR]	06.97-09.98	111478	14 90		06.97-	112321	12 1.1
		09.98-	112399	14 90				
		09.98-	113283	14 120				
	[APT]	01.99-	112399	14 90		01.99-	112321	12 1.1
		01.99-	113283	14 120				
	[ARG]	01.99-11.00	112399	14 90		06.97-11.00	112321	12 1.1
		01.99-11.00	113283	14 120				
Passat 1.8 16V	[KR]	07.89-07.92	112750	14 90		08.90-07.91	112131	12 1.4
						AT 08.90-07.91	111059	12 0.9
						08.91-07.92	111748	12 1.1
Passat 1.8 G60 Syncro	[PG]	07.92-03.97	111352	14 70		08.90-07.91	112131	12 1.4
		07.92-03.97	111479	14 90				
		AC 07.92-03.97	111353	14 70				
		AC 07.92-03.97	111477	14 90				
Passat 1.8 TSi	[BZB]	05.07-	114722	14 140		05.07-	115612	12 1.2
						A17 05.07-	115611	12 1.1
						05.07-	114163	12 1.1
	[CDAB]	11.08-05.10	114722	14 140		A25 11.08-05.10	115337	12 2.0
		11.08-05.10	115547	14 140		11.08-05.10	114163	12 1.1
						DKG 11.08-05.10	115611	12 1.1
						11.08-05.10	115612	12 1.2
	[CDAA]	05.07-	114722	14 140		AT 05.07-	115611	12 1.1
						A25 08.10-	115337	12 2.0
						06.08-	114163	12 1.1
						05.07-	115612	12 1.2
	[CGYA]	11.08-05.10	114722	14 140		AT 11.08-05.10	115611	12 1.1
		11.08-05.10	115547	14 140		11.08-05.10	115612	12 1.2
						11.08-05.10	114163	12 1.1
						11.08-05.10	115337	12 2.0
	[CJSA]					02.15-	115612	12 1.2
	[CJSC]					02.15-	115612	12 1.2
Passat 1.8 Turbo 20V	[AWL]	11.00-05.05	113882	14 120		Chas. 3B-4-200001- 11.00-05.05	114179	12 1.2
						Chas. -3B-4-200000 11.00-05.05	112321	12 1.1



Application list

VW Continued

	[AWT]	11.00- 11.00- 11.00- 05.05 11.00-	112399 113283 113882 112399	14 90 14 120 14 120 14 90	Chas. 3B-4-200001- Chas. -3B-4-200000	11.00- 05.05 11.00-	114179 112321	12 1.2 12 1.1
Passat 1.8 Turbo	[AEB]	10.96- 09.98 10.96- 11.00 09.98- 11.00 09.98- 11.00	111478 113882 112399 113283	14 90 14 120 14 90 14 120		10.96- 11.00	112321	12 1.1
	[ANB]	10.96- 11.00 08.98- 11.00 08.98- 11.00	113882 112399 113283	14 120 14 90 14 120		08.98- 11.00	112321	12 1.1
	[APU]	10.96- 11.00 01.99- 11.00 01.99- 11.00	113882 112399 113283	14 120 14 90 14 120		01.99- 11.00	112321	12 1.1
	[AWM]	02.01- 02.01-	112399 113283	14 90 14 120	Chas. -3B-4-200000 Chas. 3B-4-200001-	02.00- 10.03 02.01- 05.05	112321 114179	12 1.1 12 1.2
Passat 1.9	[WN]	01.81- 07.81 01.81- 07.81 01.81- 07.83	110911 111139 111653	14 55 14 75 14 45				
Passat 1.9 Diesel	[1Y]	05.89- 11.91 05.89- 11.91 11.91- 09.93 11.91- 09.93 AC 11.91- 09.93 AC 11.91- 09.93	111154 112765 111352 111479 111353 111477	14 65 14 90 14 70 14 90 14 70 14 90		AT 05.89- 09.93	112286	12 1.7
Passat 1.9 TD	[AAZ]	03.91- 03.97 03.91- 03.97 AC 03.91- 03.97 AC 03.91- 03.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90		04.94- 03.97 AT 03.91- 03.97 04.94- 03.97	111900 112286 115503	12 1.8 12 1.7 12 1.8 A49
Passat 1.9 TDi	[1Z]	10.93- 08.96 10.93- 08.96 10.93- 08.96	111353 111477 111988	14 70 14 90 14 120		AT 10.93- 08.96 04.94- 08.96 04.94- 08.96	112286 115503 111900	12 1.7 12 1.8 A49 12 1.8
	[AFN]	03.96- 03.97 03.96- 03.97 03.96- 03.97 10.96- 11.00 09.98- 11.00 09.98- 11.00	111353 111477 111828 113770 112396 112397	14 70 14 90 14 120 14 120 14 90 14 120		10.96- 11.00 03.96- 03.97 03.96- 03.97 AT 03.96- 03.97	111694 115503 111900 112286	12 1.8 12 1.8 A49 12 1.8 12 1.7
	[AHH]	09.98- 11.00 09.98- 11.00	112396 112397	14 90 14 120		05.98- 11.00	111694	12 1.8
	[AHU]	08.96- 03.97 08.96- 03.97 08.96- 03.97 10.96- 11.00 09.98- 11.00 09.98- 11.00	111353 111477 111988 113770 112396 112397	14 70 14 90 14 120 14 120 14 90 14 120		08.96- 11.00 10.96- 11.00 08.96- 03.97	115503 111694 111900	12 1.8 A49 12 1.8 12 1.8
	[AJM]	08.98- 11.00 08.98- 11.00 09.98- 11.00 AC 08.98-	112396 113770 112397 112397	14 90 14 120 14 120 14 120		AT 08.98- 11.00	111694	12 1.8
	[ATJ]	12.99- 11.00 12.99- 11.00	112396 112397	14 90 14 120		AT 12.99- 11.00	111694	12 1.8
	[AVB]	10.00- 10.00- 10.00-	112396 112397 113252	14 90 14 120 14 140		AT 10.00-	111694	12 1.8
	[AVF]	11.00- 11.00- 11.00- 11.00- 05.05	112396 112397 113252 115763	14 90 14 120 14 140 14 150		AT 11.00- 11.00- 05.05 11.00- 05.05	111694 114171 116338*	12 1.8 12 1.7 A49 12 1.7
	[AVG]	08.99- 11.00 09.99- 11.00	112397 112396	14 120 14 90		10.96- 11.00	111694	12 1.8
	[AWX]	11.00- 11.00- 11.00- 11.00- 05.05	112396 112397 113252 115763	14 90 14 120 14 140 14 150		AT 11.00-	111694	12 1.8
	[BKC]	03.05- 03.05-	113992 114109	14 140 14 180		03.05- 03.05-	113842 115508	12 1.7 12 1.7 A49
	[BLS]	03.05- 03.05-	113992 114109	14 140 14 180		03.05- 03.05-	113842 115508	12 1.7 12 1.7 A49
	[BXE]	03.05- 03.05-	113992 114109	14 140 14 180		03.05- 03.05-	115508 113842	12 1.7 A49 12 1.7
Passat 1.9 TDi 4 Motion	[AVF]	11.00- 11.00- 11.00- 05.05	112397 113252 115763	14 120 14 140 14 150		AT 11.00- 11.00- 05.05 11.00- 05.05	111694 114171 116338*	12 1.8 12 1.7 A49 12 1.7
Passat 1.9 TDi Syncro 4 Motion	[AFN]	10.96- 11.00 09.98- 09.98-	113770 112396 112397	14 120 14 90 14 120		06.97-	111694	12 1.8
	[ATJ]	08.99- 02.01 08.99- 02.01	112396 112397	14 90 14 120		AT 08.99- 02.01	111694	12 1.8
	[AVG]	09.98- 08.00 09.98- 08.00	112396 112397	14 90 14 120		06.97- 08.00	111694	12 1.8
Passat 2.0	[2E]	03.90- 07.92 07.92- 09.94 07.92- 09.94 AC 07.92- 09.94 AC 07.92- 09.94	112149 111352 111479 111353 111477	14 65 14 70 14 90 14 70 14 90		08.90- 07.91 08.91- 09.94 AT 08.90- 07.91 AT 08.91- 09.94	112131 111749 111059 111748	12 1.4 12 1.1 12 0.9 12 1.1
	[ADY]	10.94- 07.95 10.94- 07.95 AC 10.94- 07.95 AC 10.94- 07.95	111352 111479 111353 111477	14 70 14 90 14 70 14 90		10.94- 07.95 AT 10.94- 07.95	111749 111748	12 1.1 12 1.1
	[AEP]					AT 10.94- 03.97 03.95- 08.96	111909 115504	12 1.1 12 1.1 A49
	[AGG]	07.95- 03.97 07.95- 03.97 AC 07.95- 03.97 AC 07.95- 03.97	111352 111479 111353 111477	14 70 14 90 14 70 14 90		07.95- 03.97 AT 07.95- 03.97	111749 111748	12 1.1 12 1.1



	[ALT]	11.01-	112399	14 90	Chas. 3B-4-200001- 11.01- 05.05	114179	12 1.2	
					Chas. -3B-4-200000 11.01- 10.03	112321	12 1.1	
	[ASU]				01.00- 08.00	112321	12 1.1	
	[AUZ]				01.00- 08.00	112321	12 1.1	
	[AZM]	11.00-	112399	14 90	Chas. -3B-4-200000 11.00- 10.03	112321	12 1.1	
		11.00-	113283	14 120	Chas. 3B-4-200001- 11.00- 05.05	114179	12 1.2	
		11.00- 05.05	113882	14 120				
	[BFF]	11.00- 05.05	113882	14 120	Chas. 3B-4-200001- 11.00- 05.05	114179	12 1.2	
					Chas. -3B-4-200000 11.00- 05.05	112321	12 1.1	
	[HP]	08.83- 07.87	112729	14 90	08.83- 03.88	111010	12 1.4	
	[JS]				08.84- 03.88	111010	12 1.4	
Passat 2.0 4 Motion	[ASU]				01.00- 08.00	112321	12 1.1	
	[AZM]	11.00-	112399	14 90	Chas. -3B-4-200000 11.00- 11.03	112321	12 1.1	
		11.00-	113283	14 120	Chas. 3B-4-200001- 11.00- 05.05	114179	12 1.2	
Passat 2.0 Syncro	[ZE]	10.90- 07.92	112149	14 65	10.90- 07.91	112131	12 1.4	
		07.92- 09.94	111352	14 70	08.91- 09.94	111749	12 1.1	
		07.92- 09.94	111479	14 90				
		AC 07.92- 09.94	111353	14 70				
		AC 07.92- 09.94	111477	14 90				
	[ADY]	10.94- 12.95	111352	14 70	10.94- 12.95	111749	12 1.1	
		10.94- 12.95	111479	14 90				
		AC 10.94- 12.95	111353	14 70				
		AC 10.94- 12.95	111477	14 90				
	[AGG]	07.95- 12.96	111352	14 70	07.95- 12.96	111749	12 1.1	
		07.95- 12.96	111479	14 90				
		AC 07.95- 12.96	111353	14 70				
		AC 07.95- 12.96	111477	14 90				
	[JS]				08.84- 07.85	111010	12 1.4	
Passat 2.0 16V	[9A]				AT 08.90- 07.91	111059	12 0.9	
					08.91- 09.93	111748	12 1.1	
					08.91- 09.93	111749	12 1.1	
					08.90- 07.91	112131	12 1.4	
	[ABF]	01.94- 03.97	111353	14 70	AT 01.94- 03.97	111748	12 1.1	
		01.94- 03.97	111477	14 90	01.94- 03.97	111749	12 1.1	
Passat 2.0 16V GT	[9A]				AT 08.90- 07.91	111059	12 0.9	
					08.91- 09.93	111748	12 1.1	
					08.91- 09.93	111749	12 1.1	
					08.90- 07.91	112131	12 1.4	
Passat 2.0 FSi	[BLR]	03.05- 11.05	113992	14 140	03.05- 11.05	114163	12 1.1	
		03.05- 11.05	114109	14 180	03.05- 11.05	115504	12 1.1	A49
					AT 03.05-	111909	12 1.1	
					03.05-	113773	12 1.1	
	[BLY]	03.05- 11.05	113992	14 140	03.05- 11.05	114163	12 1.1	
		03.05- 11.05	114109	14 180	03.05-	113773	12 1.1	
	[BVY]	11.05-	113992	14 140	11.05-	114163	12 1.1	
		11.05-	114109	14 180				
	[BVZ]	11.05-	113992	14 140	08.05-	114163	12 1.1	
		11.05-	114109	14 180				
Passat 2.0 FSi 4 Motion	[BLX]	09.05-	113992	14 140	09.05-	113773	12 1.1	
		09.05-	114109	14 180	09.05-	114163	12 1.1	
	[BLY]	09.05-	113992	14 140	09.05-	113773	12 1.1	
		09.05-	114109	14 180	09.05-	114163	12 1.1	
	[BVX]	09.05-	113992	14 140	09.05-	113773	12 1.1	
		09.05-	114109	14 180	09.05-	114163	12 1.1	
Passat 2.0 TFSi	[AXX]	07.05-	113992	14 140	07.05-	113773	12 1.1	
		07.05-	114109	14 180				
	[BPY]	07.05-	113992	14 140	07.05-	113773	12 1.1	
		07.05-	114109	14 180				
	[BWA]	07.05-	113992	14 140	07.05-	113773	12 1.1	
		07.05-	114109	14 180				
Passat 2.0 TSi	[CCZB]	11.10-	115547	14 140	A25 11.10-	115964	12 2.0	
					11.10-	113773	12 1.1	
					11.10-	115900	12 1.1	
	[CHHB]				05.15-	115561	12 1.7	
					05.15-	115900	12 1.1	
Passat 2.0 TSi 4motion	[CCZB]				01.12-	113773	12 1.1	
					01.12-	115900	12 1.1	
					01.12-	115964	12 2.0	
	[CJXA]				05.15-	115561	12 1.7	
					05.15-	115900	12 1.1	
Passat 2.0 TSi CC	[CAWB]	06.08- 11.09	114722	14 140	06.08- 11.09	115900	12 1.1	
					06.08- 11.09	113773	12 1.1	
	[CCTA]	06.08- 01.12	114722	14 140	06.08- 01.12	115900	12 1.1	
					06.08- 01.12	113773	12 1.1	
	[CCZA]	11.09- 01.12	114722	14 140	11.09- 01.12	115900	12 1.1	
					11.09- 01.12	113773	12 1.1	
Passat 2.0 TDi 16V	[BKP]	03.05-	113992	14 140	AT 03.05-	113509	12 1.7	
		03.05- 11.10	115713	14 180 A49	03.05-	113841	12 1.7	
		03.05-	116038	14 180	03.05-	115638	12 1.7	
		03.05- 11.10	116319	14 180				
	[CBAB]	01.08-	113992	14 140	01.08-	115638	12 1.7	
		01.08-	115370	14 110	01.08-	115311	12 2.0	
		01.08- 11.10	115713	14 180 A49	01.08-	115402	12 1.8	
		01.08-	116038	14 180				
		01.08- 11.10	116319	14 180				
Passat 2.0 TDi 16V 4 Motion	[BKP]	03.05-	113992	14 140	03.05-	113841	12 1.7	
		03.05- 11.10	115713	14 180 A49	03.05-	115311	12 2.0	
		03.05-	116038	14 180	03.05-	115638	12 1.7	
		03.05- 11.10	116319	14 180				
	[CBAB]	05.08-	113992	14 140	05.08-	115311	12 2.0	
		05.08-	115370	14 110	05.08-	115638	12 1.7	
		05.08- 11.10	115713	14 180 A49				
		05.08-	116038	14 180				
		05.08- 11.10	116319	14 180				
Passat 2.0 TDi	[BGH]				12.03- 05.05	114171	12 1.7	A49
					12.03- 05.05	116338*	12 1.7	



VW Continued

Application list

[BGW]	12.03-	112396	14 90	AT 11.03-	111694	12 1.8	
	12.03-	112397	14 120	12.03- 05.05	114171	12 1.7 A49	
	12.03-	113252	14 140	12.03- 05.05	116338*	12 1.7	
[BMA]	03.05-	113992	14 140	03.05-	115311	12 2.0	
	03.05-	114109	14 180	05.08-	113841	12 1.7	
	03.05-	115713	14 180 A49				
	03.05-	116038	14 180				
	03.05-	116319	14 180				
[BMP]	03.05-	113992	14 140	03.05-	113841	12 1.7	
	03.05-	114109	14 180				
	08.05-	115370	14 110				
[BMR]	08.05-	113992	14 140	AT 08.05-	113509	12 1.7	
	08.05-	114109	14 180	08.05-	113841	12 1.7	
	08.05- 11.10	115713	14 180 A49	08.05-	115311	12 2.0	
	08.05- 11.10	116319	14 180	08.05-	115638	12 1.7	
[BVD]	08.05-	113992	14 140	08.05-	113841	12 1.7	
	08.05-	114109	14 180				
[BVE]	08.05-	113992	14 140	08.05-	113841	12 1.7	
	08.05-	114109	14 180				
[BWW]	11.05-	113992	14 140	11.05-	113841	12 1.7	
	11.05-	114109	14 180				
[CBAB]	06.08-	113992	14 140	06.08-	115311	12 2.0	
	06.08- 01.12	115713	14 180 A49	06.08-	115638	12 1.7	
	06.08-	116038	14 180				
	06.08- 01.12	116319	14 180				
[CBBB]	08.05-	113992	14 140	08.05-	115311	12 2.0	
	08.05-	114109	14 180	08.05-	115402	12 1.8	
	08.05-	115370	14 110	08.05-	115638	12 1.7	
	08.05- 11.10	115713	14 180 A49				
	08.05- 11.10	116319	14 180				
[CBDC]	11.08-	113992	14 140	A25 11.08-	115336	12 2.2	
	11.08-	115713	14 180 A49				
	11.08-	116319	14 180				
[CBAA]	03.05-	113992	14 140	03.05-	115311	12 2.0	
	03.05-	114109	14 180				
	03.05-	115713	14 180 A49				
	03.05-	116319	14 180				
	01.08-	116038	14 180				
[CFFA]	08.10-	113992	14 140	08.10-	113841	12 1.7	
	08.10-	115713	14 180 A49	A25 08.10-	115402	12 1.8	
	08.10-	116319	14 180				
[CFFB]	06.08-	113992	14 140	01.12-	113841	12 1.7	
	06.08- 01.12	115713	14 180 A49	A25 08.10-	115402	12 1.8	
	06.08-	116038	14 180	06.08-	115638	12 1.7	
	06.08- 01.12	116319	14 180				
[CFGB]	08.10-	113992	14 140	A25 08.10-	115402	12 1.8	
	08.10-	115713	14 180 A49	08.10-	115638	12 1.7	
	08.10-	116038	14 180				
	08.10-	116319	14 180				
[CFGC]	12.12-	113992	14 140	12.12-	115638	12 1.7	
				A25 12.12-	115402	12 1.8	
				12.12-	113841	12 1.7	
				A25 08.10-	115402	12 1.8	
[CLLA]	08.10-	113992	14 140	A25 08.10-	115402	12 1.8	
	08.10-	115713	14 180 A49	08.10-	115638	12 1.7	
	08.10-	116038	14 180				
	08.10-	116319	14 180				
[CRLB]	11.14-	115826	14 140 A49				
	11.14-	116359*	14 140				
[CUPA]	07.15-	115826	14 140 A49	07.15-	115638	12 1.7	
	07.15-	116359*	14 140				
[DDAA]	11.14-	115826	14 140 A49				
	11.14-	116359*	14 140				
[DFCA]	11.14-	115826	14 140 A49				
	11.14-	116359*	14 140				
Passat 2.0 TDi 4 Motion	[BMP]	03.05-	113992	14 140	03.05-	113841	12 1.7
		03.05-	114109	14 180			
	[CBAB]	08.09-	113992	14 140	08.09-	115311	12 2.0
		08.09- 01.12	115713	14 180 A49	08.09-	115402	12 1.8
		08.09-	116038	14 180	08.09-	115638	12 1.7
		08.09- 01.12	116319	14 180			
	[CBBB]	05.09-	113992	14 140	A25 05.09-	115402	12 1.8
		05.09-	115370	14 110	05.09-	115638	12 1.7
		05.09- 01.12	115713	14 180 A49	05.09-	115311	12 2.0
		05.09-	116038	14 180			
		05.09- 01.12	116319	14 180			
[CFFB]	08.09-	113992	14 140	08.09-	115638	12 1.7	
	08.09- 01.12	115713	14 180 A49				
	08.09- 01.12	116319	14 180				
[CFGB]	11.09- 01.12	113992	14 140	11.09- 01.12	115311	12 2.0	
	11.09- 01.12	115713	14 180 A49				
	11.09- 01.12	116319	14 180				
Passat 2.0 TDi 4motion	[CFFB]	08.10-	113992	14 140	08.10-	115402	12 1.8
		08.10-	115713	14 180 A49	08.10-	115638	12 1.7
		08.10-	116038	14 180			
		08.10-	116319	14 180			
	[CFGB]	08.10-	113992	14 140	08.10-	115402	12 1.8
		08.10-	115713	14 180 A49	08.10-	115539	12 2.0 A49
		08.10-	116038	14 180	08.10-	115638	12 1.7
		08.10-	116319	14 180	08.10-	116156	12 2.0
	[CFGC]	01.13-	113992	14 140	01.13-	115638	12 1.7
				01.13-	115402	12 1.8	
	[CRLB]	02.15-	115826	14 140 A49			
02.15-		116359*	14 140				
[DFEA]	02.15-	115826	14 140 A49				
	02.15-	116359*	14 140				



Passat 2.0 TDI Blue	[CBAC]	05.09-	113992	14 140	05.09-	115311	12 2.0	
		05.09-	115713	14 180 A49	05.09-	115402	12 1.8	
		05.09-	116038	14 180	05.09-	115638	12 1.7	
		05.09-	116319	14 180				
Passat 2.0 TDI BlueTDi	[CBAC]	01.09-	113992	14 140	A25	01.09-	115311	12 2.0
		01.09-	115370	14 110		01.09-	115402	12 1.8
		01.09- 11.10	115713	14 180 A49		01.09-	115638	12 1.7
		01.09-	116038	14 180				
		01.09- 11.10	116319	14 180				
Passat 2.0 TDI CC	[CBBB]	06.08-	113992	14 140		06.08-	115311	12 2.0
		06.08- 01.12	115713	14 180 A49		06.08-	115638	12 1.7
		06.08-	116038	14 180				
		06.08- 01.12	116319	14 180				
	[CBAA]	06.08-	113992	14 140		06.08-	115311	12 2.0
		06.08-	115713	14 180 A49				
		06.08-	116038	14 180				
		06.08-	116319	14 180				
	[CFFA]	06.08-	113992	14 140		06.08-	115638	12 1.7
		06.08-	115713	14 180 A49				
		06.08-	116038	14 180				
		06.08-	116319	14 180				
[CFGB]	06.08-	113992	14 140		06.08-	115638	12 1.7	
	06.08- 01.12	115713	14 180 A49					
	06.08-	116038	14 180					
	06.08- 01.12	116319	14 180					
[CCLA]	06.08-	113992	14 140		06.08-	115638	12 1.7	
	06.08- 01.12	115713	14 180 A49					
	06.08-	116038	14 180					
	06.08- 01.12	116319	14 180					
Passat 2.1	[WE]	08.81- 07.83	111653	14 45				
Passat 2.2	[KV]				01.85- 03.88	111010	12 1.4	
	[KX]				08.85- 03.88	111010	12 1.4	
Passat 2.2 Syncro	[HY]	08.84- 07.88	110919	14 70	08.84- 07.88	111010	12 1.4	
	[JT]				08.85- 03.88	111010	12 1.4	
Passat 2.3 V5	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 V5 4 Motion	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 VR5	[AGZ]	10.96- 11.00	116017	14 90				
		09.98- 11.00	112399	14 90 ▲				
		09.98- 11.00	113283	14 120 ▲				
	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
Passat 2.3 VR5 4 Motion	[AZX]	11.00-	112399	14 90 ▲				
		11.00-	113283	14 120 ▲				
		11.00- 05.05	116017	14 90				
Passat 2.3 VR5 Syncro 4 Motion	[AGZ]	10.97- 11.00	116017	14 90				
		09.98- 11.00	112399	14 90 ▲				
		09.98- 11.00	113283	14 120 ▲				
Passat 2.5 TDI	[AFB]				07.98- 05.05	111995	12 2.0	
	[AKN]				07.98- 05.03	111995	12 2.0	
	[BDG]	05.03-	113510	14 140	05.03-	111995	12 2.0	
Passat 2.5 TDI 4 Motion	[AFB]	11.00-	112399	14 90	11.00- 05.05	111995	12 2.0	
		11.00- 05.05	113751	14 120				
	[AKN]	11.00- 05.05	112399	14 90	11.00- 01.03	111995	12 2.0	
		11.00- 05.05	113751	14 120				
	[BAU]	01.03-	113510	14 140	01.03-	111995	12 2.0	
Passat 2.5 TDI Syncro 4 Motion	[BDH]	01.03-	113510	14 140	01.03-	111995	12 2.0	
	[AFB]	12.98- 11.00	113758	14 120	08.98-	111995	12 2.0	
	[AKN]				05.99-	111995	12 2.0	
Passat 2.8	[APR]	01.99- 11.00	113751	14 120	06.97- 11.00	116344*	12 1.4	
					01.99- 11.00	111769	12 1.4 A49	
	[ACK]	01.97- 11.00	112806	14 120	08.96- 11.00	116344*	12 1.4	
					05.97- 11.00	111769	12 1.4 A49	
					01.97- 04.97	112309	12 1.4	
	[AGE]	05.97- 09.98	112806	14 120	05.97- 09.99	116344*	12 1.4	
					05.97- 09.99	111769	12 1.4 A49	
	[AHA]	01.99- 11.00	112399	14 90	08.96- 11.00	116344*	12 1.4	
					01.99- 11.00	111769	12 1.4 A49	
	[ATX]	10.99- 11.00	112399	14 90	09.99- 11.00	116344*	12 1.4	
				09.99- 11.00	111769	12 1.4 A49		
Passat 2.8 4 Motion	[BBG]	10.00- 05.05	112399	14 90	09.99- 05.05	111769	12 1.4	
		10.00- 05.05	113510	14 140	09.99- 05.05	116344*	12 1.4	
		10.00- 05.05	113751	14 120				
Passat 2.8 4 Motion	[AMX]				11.00- 05.05	111769	12 1.4 A49	
					11.00- 05.05	116344*	12 1.4	
	[ATQ]				11.00- 05.05	111769	12 1.4 A49	
Passat 2.8 4 Motion					11.00- 05.05	116344*	12 1.4	
	[ATX]	10.99- 11.00	112399	14 90	09.99- 11.00	116344*	12 1.4	
					09.99- 11.00	111769	12 1.4 A49	
Passat 2.8 4 Motion					09.99- 11.00	111769	12 1.4 A49	
	[BBG]	10.00- 05.05	112399	14 90	10.00- 05.05	111769	12 1.4	
		10.00- 05.05	113510	14 140	10.00- 05.05	116344*	12 1.4	
Passat 2.8 4 Motion					10.00- 05.05	113751	14 120	
	[APR]	01.99- 11.00	113751	14 120	01.99- 11.00	116344*	12 1.4	
					01.99-	111769	12 1.4 A49	
Passat 2.8 Syncro 4 Motion	[ACK]	05.97- 09.98	112806	14 120	10.96- 11.00	116344*	12 1.4	
					10.96- 11.00	111769	12 1.4 A49	
					10.96- 04.97	112309	12 1.4	
	[AHA]	10.96- 11.00	113751	14 120	10.96- 11.00	116344*	12 1.4	
		05.97- 09.98	112806	14 120	10.96- 04.97	112309	12 1.4	
Passat 2.8 Syncro 4 Motion					05.97- 11.00	111769	12 1.4 A49	
	[ALG]	05.97- 09.98	112806	14 120	10.96- 11.00	116344*	12 1.4	
		09.98- 11.00	112399	14 90	10.96- 04.97	112309	12 1.4	
					05.97- 11.00	111769	12 1.4 A49	



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	[AOD]					05.97- 11.00	111769	12 1.4	A49
						10.96- 04.97	112309	12 1.4	
						10.96- 11.00	116344*	12 1.4	
Passat 2.8 VR6	[AAA]	06.91- 07.92	111353	14 70		06.91- 03.97	112166	12 1.7	
		12.94- 03.97	112709	14 120		AT 06.91- 03.97	112286	12 1.7	
Passat 2.9 VR6 Syncro	[ABV]	11.94- 03.97	111828	14 120		01.94- 03.97	112166	12 1.7	
Passat 3.2 FSi 4 Motion	[AXZ]	11.05-	113992	14 140		11.05-	113509	12 1.7	
		11.05-	114109	14 180					
Passat 3.6 4 Motion	[BWS]	06.08-	114697	14 180					
		06.08-	116438*	14 180					
Passat 3.6 R36 4motion	[BWS]	04.07-	114697	14 180		04.07-	113509	12 1.7	
		04.07-	115730	14 140					
Passat 3.6 FSi 4motion	[BWS]	01.11-	116438*	14 180					
Passat Alltrack 1.4 TSi 4motion	[CZEA]	05.15-	116193*	12 140 VA		05.15-	115560	12 1.7	
Passat Alltrack 2.0 TSi 4motion	[CHHB]					07.15-	115561	12 1.7	
						07.15-	115900	12 1.1	
Passat Alltrack 2.0 TDi 4 Motion	[CUPA]	07.15-	115826	14 140 A49		07.15-	115638	12 1.7	
		07.15-	116359*	14 140					
Passat Alltrack 2.0 TDi 4motion	[CRLB]	05.15-	115826	14 140 A49					
		05.15-	116359*	14 140					
	[CUAA]	05.15-	115826	14 140 A49					
		05.15-	116359*	14 140					
	[DDAA]	05.15-	115826	14 140 A49					
		05.15-	116359*	14 140					
	[DFCA]	05.15-	115826	14 140 A49					
		05.15-	116359*	14 140					
	[DFEA]	05.15-	115826	14 140 A49					
		05.15-	116359*	14 140					
Passat CC 1.4 TSi MultiFuel	[CKMA]	01.11- 01.12	116345*	14 140		01.11- 01.12	115612	12 1.2	
		A25 01.11-	115528	14 140 A49		01.11-	114163	12 1.1	
Passat CC 2.0 TSi	[CCZB]	11.10- 01.12	114722	14 140		11.10-	115900	12 1.1	
						11.10-	113773	12 1.1	
Phaeton 3.0 TDi 4 Motion	[CARA]					06.07-	114094	12 2.2	
Phaeton 3.0 TDi Quattro	[GEXB]					11.13-	114094	12 2.2	
Phaeton 3.0 V6 TDi 4 Motion	[BMK]					09.04-	114094	12 2.2	
Phaeton 5.0 TDi	[AJS]					11.02-	115941	12 3.0	
Polo 0.8	[HE]	01.76- 05.77	110360	14 45					
Polo 0.9	[HA]	04.75- 09.81	110360	14 45					
		04.75- 09.81	110913	14 70					
Polo 1.0	[ACM]	02.92- 09.94	111288	14 65					
	[AER]	03.96-	111352	14 70		09.96- 10.99	114758	12 0.9	MA
		03.96-	111479	14 90		09.96- 10.99	113750	12 0.9	BO
		PS 03.96-	111353	14 70					
		PS 03.96-	111477	14 90					
	[AEV]	10.94- 12.99	111352	14 70					
		PS 10.94- 12.99	111353	14 70					
		PS 10.94- 12.99	111477	14 90					
	[ALD]	10.99-	112273	14 70		07.98- 09.01	113750	12 0.9	BO
		AC 10.99-	112274	14 90		10.99- 09.01	114758	12 0.9	MA
	[ALL]					09.96- 10.99	113750	12 0.9	BO
		PS 05.97- 12.99	111820	14 90		05.97- 12.99	114758	12 0.9	MA
	[AUC]	PS 10.99-	112273	14 70		10.99- 09.01	113750	12 0.9	BO
		AC 10.99-	112274	14 90		10.99- 09.01	114758	12 0.9	MA
	[CHYA]					01.14-	115696	12 1.1	
	[CHYB]					A25 01.14-	115560	12 1.7	
						01.14-	115696	12 1.1	
	[CHYC]	08.17-	116232*	14 110		A25 08.17-	115560	12 1.7	
		08.17-	116383*			08.17-	115696	12 1.1	
	[GL]	10.81- 07.85	110360	14 45					
		10.81- 07.85	110913	14 70					
	[HZ]	12.88- 08.90	111288	14 65					
	[AAK]	08.89- 09.94	111288	14 65					
	[AAU]	10.90- 09.94	111288	14 65					
Polo 1.0 TSi	[CHZB]	11.14-	116193*	12 140 VA		A25 11.14-	115560	12 1.7	
						11.14-	115696	12 1.1	
	[CHZJ]					09.17-	115818	12 1.1	
	[CHZL]					DKG 06.17-	115944	12 1.7	
						06.17-	116272*	12 1.1	
						06.17-	115560	12 1.7	
	[DKJA]					09.17-	115818	12 1.1	
Polo 1.05	[AEV]	10.94-	111352	14 70		10.94- 09.96	112307	12 1.1	
		10.94-	111479	14 90					
		PS 10.94-	111353	14 70					
		PS 10.94-	111477	14 90					
Polo 1.1	[HB]	03.75- 07.83	110360	14 45					
		08.79- 07.83	110913	14 70					
	[HC]	03.75- 07.77	110360	14 45					
Polo 1.2	[AWY]	01.02-	113253	14 90		01.02-	113515	12 0.9	
						01.02-	112435	12 1.1	
	[AZO]	08.02-	113253	14 90		10.01-	113515	12 0.9	
						10.01-	112435	12 1.1	
	[BMD]	01.02-	113253	14 90		01.02-	113515	12 0.9	
						01.02-	112435	12 1.1	
	[BME]	08.02-	113253	14 90		10.01-	113515	12 0.9	
						10.01-	112435	12 1.1	
Polo 1.2 TSi	[CBZB]	06.09-	115433	14 140		06.09-	114034	12 1.0	
		06.09-	115765	14 140		06.09-	115611	12 1.1	
		06.09-	116207*	14 110		06.09-	115612	12 1.2	
	[CBZC]	05.11-	115765	14 140		A25 05.11-	115401	12 2.2	
		05.11-	116207*	14 110		05.11-	115612	12 1.2	
						05.11-	114034	12 1.0	
						05.11-	115337	12 2.0	
	[CJZC]	02.14-	116193*	12 140 VA		A25 02.14-	115560	12 1.7	
						A25 02.14-	115964	12 2.0	
						A50 02.14-	115944	12 1.7	
						DKG 02.14-	115612	12 1.2	
						02.14-	115696	12 1.1	



[CJZD]	01.14-	116193*	12 140 VA	A50 01.14-	115944	12 1.7	
				A25 01.14-	115560	12 1.7	
				DKG 01.14-	115612	12 1.2	
				01.14-	115696	12 1.1	
				01.14-	115964	12 2.0	
Polo 1.2 TDi	[CFWA]			A25 10.09-	115336	12 2.2	
Polo 1.3	[2G]	12.88- 09.94	111288	14 65			
	[3F]	08.82- 07.85	110360	14 45			
		08.82- 07.85	110913	14 70			
		12.88- 09.94	111288	14 65			
	[ADX]	10.94-	111352	14 70	10.94- 07.95	112307	12 1.1
		10.94-	111479	14 90			
	PS	10.94-	111353	14 70			
	PS	10.94-	111477	14 90			
	[GK]	09.82- 07.85	110360	14 45			
		09.82- 07.85	110913	14 70			
		12.88- 08.90	111288	14 65			
	[HH]	01.77- 07.83	110360	14 45			
		08.79- 07.83	110913	14 70			
	[HJ]	10.81- 07.82	110360	14 45			
		10.81- 07.82	110913	14 70			
	[HK]	08.83- 07.85	110360	14 45			
		08.83- 07.85	110913	14 70			
	[HW]	08.83- 07.85	110360	14 45			
		08.83- 07.85	110913	14 70			
	[MH]	08.83- 07.88	110360	14 45			
		08.83- 07.85	110913	14 70			
		12.88- 12.92	111288	14 65			
	[NZ]	08.83- 07.85	110360	14 45			
		08.83- 07.85	110913	14 70			
		12.88- 12.92	111288	14 65			
	[AAV]	01.91- 09.94	111288	14 65			
Polo 1.3 G40	[PY]	12.88- 08.90	111288	14 65			
Polo 1.3 Diesel	[MN]	08.86- 08.90	111154	14 65	08.86- 08.90	115540	12 1.4
		08.86- 08.90	111288	14 65			
Polo 1.4	[AEX]	07.95- 10.99	111352	14 70	07.95- 10.99	114758	12 0.9 MA
		07.95-	111479	14 90	07.95- 10.99	113750	12 0.9 BO
		07.97- 12.97	111820	14 90	07.95- 10.99	112307	12 1.1
	PS	07.95- 10.99	111353	14 70	AT 07.95-	111823	12 1.1
	PS	07.95- 10.99	111477	14 90			
	AC	05.97-	111477	14 90			
	[AKK]	10.99- 09.01	111820	14 90	10.99- 09.01	112307	12 1.1
		10.99-	112273	14 70			
		10.99- 09.01	112274	14 90			
	A20	10.99- 09.01	111477	14 90			
	[AKP]	PS 12.98- 09.01	112273	14 70	AT 12.98- 09.01	111823	12 1.1
		AC 12.98- 09.01	112274	14 90	12.98- 09.01	112307	12 1.1
	[AKV]	05.97-	111352	14 70	AT 07.95-	111823	12 1.1
		05.97-	111479	14 90	07.95-	112307	12 1.1
		12.97- 08.99	111820	14 90	05.97- 12.99	113750	12 0.9 BO
	PS	05.97-	111353	14 70	05.97- 10.99	114758	12 0.9 MA
	PS	05.97-	111477	14 90			
	AC	05.97-	111477	14 90			
	[ANW]	10.99- 08.00	111820	14 90	09.98- 09.01	113750	12 0.9 BO
		10.99- 08.00	112274	14 90	10.99- 08.00	112307	12 1.1
	A20	10.99- 08.00	111477	14 90	10.99- 08.00	114758	12 0.9 MA
	[ANX]	10.99- 09.01	112273	14 70	10.99- 09.01	111823	12 1.1
		10.99- 09.01	112274	14 90	10.99- 09.01	112307	12 1.1
	[APO]	11.97- 12.99	111352	14 70	11.97- 10.99	114758	12 0.9 MA
		12.97- 08.99	111820	14 90	11.97- 12.99	113750	12 0.9 BO
					11.97- 12.99	112307	12 1.1
	PS	11.97- 12.99	111353	14 70	AT 07.95-	111823	12 1.1
	PS	11.97- 12.99	111477	14 90			
	[AUB]	AC 10.01-	112274	14 90	10.01- 04.02	112435	12 1.1
					10.01- 04.02	113515	12 0.9
	[AUD]	06.00- 09.01	112273	14 70	AT 10.99- 09.01	111823	12 1.1
		06.00- 09.01	112274	14 90	05.97- 09.01	112307	12 1.1
		05.97- 09.01	111352	14 70			
		05.97- 09.01	111820	14 90			
	PS	05.97- 09.01	111353	14 70			
	PS	05.97- 09.01	111477	14 90			
	PS	10.99- 09.01	112273	14 70			
	ACPS	10.99- 09.01	112274	14 90			
	A20	06.00- 09.01	111477	14 90			
	[BBY]	07.03-	112274	14 90	07.03- 08.04	111823	12 1.1
		07.03-	113874	14 110	07.03-	113515	12 0.9
	[BBZ]	11.03-	112274	14 90	11.03-	113515	12 0.9
	[CGGB]	06.09-	112274	14 90	06.09-	115612	12 1.2
		06.09-	113874	14 110	06.09-	114034	12 1.0
					DKG 06.09-	115611	12 1.1
	[AAK]	ACPS 09.98- 09.01	112274	14 90	AT 09.98- 09.01	111823	12 1.1
Polo 1.4 16V	[AFH]	04.96-	111353	14 70	04.96-	112307	12 1.1
		04.96-	111477	14 90			
	[AFK]	10.99-	112273	14 70	10.99-	112307	12 1.1
		10.99-	112274	14 90			
	[AHW]	10.99-	112273	14 70	10.99-	112307	12 1.1
		10.99-	112274	14 90	10.99- 09.01	113750	12 0.9 BO
		10.99- 09.01	113874	14 110	10.99- 09.01	114758	12 0.9 MA
					AT 10.99-	111823	12 1.1
	[APE]	10.99-	112273	14 70	10.99- 09.01	113750	12 0.9 BO
		10.99-	112274	14 90	10.99- 09.01	114758	12 0.9 MA
		10.99- 09.01	113874	14 110	10.99-	112307	12 1.1
	[AOQ]	10.99-	112273	14 70			
		10.99-	112274	14 90			



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	[AJA]	06.00- 09.01	111820	14 90		10.99- 09.01	113750	12 0.9	BO
		10.99- 09.01	112273	14 70		10.01-	113515	12 0.9	
		10.99- 09.01	112274	14 90		AT 10.99-	111823	12 1.1	
		10.99- 09.01	113874	14 110		10.99-	112435	12 1.1	
						10.99- 09.01	112307	12 1.1	
		AC 10.99-	112274	14 90		10.99- 09.01	114758	12 0.9	MA
	[AUB]	10.99-	112273	14 70		10.99-	112307	12 1.1	
		10.99-	112274	14 90					
	[BBY]					AT 10.01-	111823	12 1.1	
						10.01-	112435	12 1.1	
		AC 10.01-	112274	14 90		10.01-	113515	12 0.9	
	[BBZ]	AC 10.01-	112274	14 90		10.01-	112435	12 1.1	
	[BKY]					AT 10.01-	111823	12 1.1	
						10.01-	112435	12 1.1	
						10.01-	113515	12 0.9	
		AC 10.01-	112274	14 90		AT 10.01-	115542	12 1.1	
	[BUD]	05.06-	113874	14 110					
Polo 1.4 FSi	[AXU]	05.02-	114769	14 110		09.01-	113515	12 0.9	
Polo 1.4 GTi	[CAVE]	05.10-	113861	14 110		05.10-	115612	12 1.2	
		05.10-	114884	14 140					
	[CTHE]	05.10-	113861	14 110		05.10-	115612	12 1.2	
		05.10-	114884	14 140					
Polo 1.4 TSi	[CPTA]	10.12-	115660	14 70		10.12- 05.13	115337	12 2.0	
		10.12-	115916	14 140		05.13-	115964	12 2.0	
	[CZEA]	05.14-	116193*	12 140 VA		05.14-	115560	12 1.7	
						05.14-	115944	12 1.7	
Polo 1.4 Diesel	[1W]	10.90- 09.94	111154	14 65		08.90- 09.94	115540	12 1.4	
Polo 1.4 Flexfuel	[CMAA]	03.10- 01.11	113874	14 110		03.10- 01.11	114034	12 1.0	
Polo 1.4 TDi	[AMF]	10.99-	113275	14 120		10.99- 09.01	115503	12 1.8	A49
						10.99-	111900	12 1.8	
						10.01-	113842	12 1.7	
	[BAY]	10.01-	113275	14 120		11.04- 03.05	115508	12 1.7	A49
						10.01-	111900	12 1.8	
						10.01-	113842	12 1.7	
						10.01- 11.04	115503	12 1.8	A49
	[BMS]	04.05-	112079	14 90 A47		04.05-	113842	12 1.7	
		04.05-	113275	14 120		04.05-	115508	12 1.7	A49
		04.05-	115714	14 110					
		04.05-	115764	14 90					
	[BNM]	04.05-	113275	14 120		04.05-	114062	12 1.7	
		04.05-	115714	14 110					
		04.05-	115764	14 90					
	[BNV]	04.05-	112079	14 90 A47		04.05-	113842	12 1.7	
		04.05-	113275	14 120		04.05-	115508	12 1.7	A49
		04.05-	115714	14 110					
		04.05-	115764	14 90					
	[BWB]	05.06-	113275	14 120		04.05-	114062	12 1.7	
		05.06-	115714	14 110					
		05.06-	115764	14 90					
	[CUSA]					A25 03.14-	115336	12 2.2	
	[CUSB]					A25 02.14-	115336	12 2.2	
						02.14-	115610	12 2.0	
	[CYZB]					A25 03.14-	115336	12 2.2	
Polo 1.6	[1F]	11.95- 09.97	111352	14 70		11.95-	111748	12 1.1	
		11.95-	111479	14 90		11.95- 09.97	115504	12 1.1	A49
		11.95- 09.97	111820	14 90		11.95- 09.97	111909	12 1.1	
		AC 11.95- 09.97	111477	14 90					
	[AEA]	10.94- 07.95	111353	14 70		10.94- 07.95	112307	12 1.1	
		10.94- 07.95	111477	14 90					
	[AEE]	07.95- 12.99	111353	14 70		AT 07.95- 12.99	111823	12 1.1	
		07.95- 12.99	111477	14 90		07.95- 12.99	112307	12 1.1	
		AC 07.95-	111477	14 90					
	[AEH]	10.99- 09.01	111820	14 90		05.97-	111748	12 1.1	
		10.99- 09.01	111989	14 90		10.99- 09.01	111909	12 1.1	
		10.99- 09.01	112075	14 70		10.99- 09.01	115504	12 1.1	A49
		10.99- 09.01	115482	14 90 A49					
		A20 10.99- 09.01	111477	14 90					
	[AFT]	12.95-	111352	14 70		12.95-	111748	12 1.1	
		12.95-	111479	14 90					
		05.97- 08.99	111820	14 90					
		AC 12.95-	111353	14 70					
		AC 12.95-	111477	14 90					
	[AHS]	03.96- 12.99	111353	14 70		03.96- 12.99	112307	12 1.1	
		03.96- 12.99	111477	14 90		AT 03.96- 12.99	111823	12 1.1	
	[AKL]	10.99- 09.01	111820	14 90		05.97-	111748	12 1.1	
		10.99- 09.01	111989	14 90		10.99- 09.01	111909	12 1.1	
		10.99- 09.01	112075	14 70		10.99- 09.01	115504	12 1.1	A49
		10.99- 09.01	115482	14 90 A49					
		A20 10.99- 09.01	111477	14 90					
	[ALM]	11.95- 09.01	112274	14 90		11.95- 09.01	112307	12 1.1	
		07.98- 09.01	111820	14 90					
	[APF]	03.00- 10.00	111820	14 90		05.97-	111748	12 1.1	
		03.00- 10.00	111989	14 90		03.00- 10.00	111909	12 1.1	
		03.00- 10.00	112075	14 70		03.00- 10.00	115504	12 1.1	A49
		03.00- 10.00	115482	14 90 A49					
		A20 03.00- 10.00	111477	14 90					
	[AUR]	07.00- 09.01	111820	14 90		12.95- 09.01	111909	12 1.1	
		12.95- 09.01	111989	14 90		12.95- 09.01	115504	12 1.1	A49
		12.95- 09.01	112075	14 70		05.97-	111748	12 1.1	
		12.95- 09.01	115482	14 90 A49					
		AC 07.00- 09.01	111989	14 90					
		A20 12.95- 09.01	111477	14 90					
	[CFNB]					AT 11.10-	113773	12 1.1	
						11.10-	114034	12 1.0	
		05.10-	114884	14 140		05.10-	114034	12 1.0	
Polo 1.6 16V	[BTS]	05.06-	114769	14 110		05.06-	113773	12 1.1	
						11.99-	112307	12 1.1	



Polo 1.6 GTI 16V	[AJV]	04.98-12.99	111353	14 70		AT 04.98-12.99	111823	12 1.1
		04.98-12.99	111477	14 90		04.98-12.99	112307	12 1.1
		04.98-12.99	111820	14 90				
	[ARC]	10.99-	112273	14 70		10.99-	112307	12 1.1
		10.99-	112274	14 90				
	[AVY]	05.00-09.01	112273	14 70		05.00-09.01	112307	12 1.1
	05.00-09.01	112274	14 90					
Polo 1.6 BIFuel	[CNKA]	01.11-	114769	14 110		01.11-	114034	12 1.0
Polo 1.6 TDI	[CAYA]	06.09-	113992	14 140		A25 06.09-	115336	12 2.2
		06.09-	115370	14 110				
		06.09-	115433	14 140				
	[CAYB]	06.09-	113992	14 140		A25 06.09-	115336	12 2.2
		06.09-	115370	14 110		AT 06.09-	115376	12 1.8
		06.09-	115433	14 140		06.09-	115634	12 1.8
		06.09-	115433	14 140		06.09-	114299	12 1.7
	[CAYC]	06.09-	113992	14 140		06.09-	114299	12 1.7
		06.09-	115370	14 110		A25 06.09-	115336	12 2.2
		06.09-	115433	14 140				
	[CLNA]	06.09-	113992	14 140		06.09-	114299	12 1.7
		06.09-	115370	14 110		06.09-	115336	12 2.2
		06.09-	115433	14 140				
	[DGTC]					11.17-	115336	12 2.2
[DGTD]					DKG 11.17-	115610	12 2.0	
					11.17-	115336	12 2.2	
Polo 1.6 Total Flex	[CCRA]	10.04-	112002	14 120 A47				
		10.04-	115483	14 120 A49				
Polo 1.7 SDI	[AHG]					04.97-10.99	111904	12 1.8
	[AKU]					08.97-10.99	111904	12 1.8
	[AKW]	08.97-	111828	14 120		08.97-	112286	12 1.7
	08.97-	111884	14 90					
Polo 1.8	[ADD]	03.98-09.01	111352	14 70		03.98-09.01	115504	12 1.1 A49
		03.98-09.01	111820	14 90		01.97-04.98	111909	12 1.1
		AC 03.98-09.01	111477	14 90				
	[ADZ]					01.97-09.01	111909	12 1.1
					01.97-09.01	115504	12 1.1 A49	
Polo 1.8 GTI	[BJX]	09.05-	111884	14 90		09.05-	114163	12 1.1
		09.05-	111989	14 90				
		09.05-	112075	14 70				
		09.05-	115482	14 90 A49				
	[DAJA]					11.14-	115612	12 1.2
[DAJB]					11.14-	115612	12 1.2	
Polo 1.9 Diesel	[1Y]	01.96-04.96	111352	14 70		01.96-10.96	112286	12 1.7
						07.96-	111904	12 1.8
	[AEF]	10.94-01.96	111353	14 70 ▲		10.94-10.99	111904	12 1.8
		10.94-09.95	111477	14 90 ▲				
	10.99-09.01	113888	14 90					
[AGD]					07.96-10.99	111904	12 1.8	
Polo 1.9 SDI	[1Y]					12.95-08.99	112286	12 1.7
	[AEY]	12.95-	111353	14 70		12.95-	112286	12 1.7
		12.95-	111477	14 90				
		12.95-	111828	14 120				
		03.97-	111884	14 90				
		AC 12.95-	111477	14 90				
	[AGD]	10.99-09.01	113888	14 90		07.96-10.99	111904	12 1.8
	[AGP]	08.99-09.01	111820	14 90		08.99-09.01	112286	12 1.7
		08.99-09.01	112002	14 120 A47				
		08.99-09.01	112079	14 90 A47				
		08.99-09.01	113340	14 70				
		08.99-09.01	114789	14 90 A49				
		08.99-09.01	115483	14 120 A49				
	[AQM]	08.99-09.01	111820	14 90		08.99-09.01	112286	12 1.7
		08.99-09.01	112002	14 120 A47				
		08.99-09.01	112079	14 90 A47				
		08.99-09.01	113340	14 70				
		08.99-09.01	114789	14 90 A49				
		08.99-09.01	115483	14 120 A49				
	[ASX]					10.99-09.01	111904	12 1.8
[ASY]	10.01-	112002	14 120 A47		Chas. -9N-5-180000 10.01-04.05	112438	12 2.0 A49	
	10.01-	112079	14 90 A47		10.01-	116335*	12 2.0	
	10.01-	113340	14 70		Chas. 9N-5-500001- 10.01-	114062	12 1.7	
	10.01-	115483	14 120 A49					
	09.02-	115482	14 90 A49					
	11.03-	111989	14 90					
Polo 1.9 TDI	[AFN]	06.98-	111884	14 90		06.98-	111900	12 1.8
		06.98-	111988	14 120		06.98-08.99	115503	12 1.8 A49
		Chas. -6K-X-507839 06.98-08.99	111828	14 120				
	[AGR]	05.97-09.01	112002	14 120 A47		03.97-09.01	111900	12 1.8
		05.97-09.01	112079	14 90 A47		10.99-09.01	115503	12 1.8 A49
		10.99-09.01	111820	14 90				
		10.99-09.01	113340	14 70				
		10.99-09.01	115483	14 120 A49				
	[AHU]	07.96-08.99	111820	14 90		07.96-08.99	111900	12 1.8
		07.96-08.99	111828	14 120		07.96-08.99	115503	12 1.8 A49
		07.96-08.99	111884	14 90				
		07.96-08.99	111988	14 120				
	[ALE]	09.96-08.99	111820	14 90		03.97-08.99	111900	12 1.8
		09.96-08.99	111828	14 120		11.97-08.99	115503	12 1.8 A49
		03.97-08.99	111884	14 90				
	03.97-08.99	111988	14 120					
[ALH]	05.97-09.01	112002	14 120 A47		03.97-09.01	111900	12 1.8	
	05.97-09.01	112079	14 90 A47		10.99-09.01	115503	12 1.8 A49	
	10.99-09.01	111820	14 90					
	10.99-09.01	113340	14 70					
	10.99-09.01	115483	14 120 A49					



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	[ASV]	06.98- 09.01	112002	14 120 A47	06.98-	111900	12 1.8
		06.98- 09.01	112079	14 90 A47	10.99- 09.01	115503	12 1.8 A49
		06.98- 09.01	114789	14 90 A49			
		10.99- 09.01	113340	14 70			
		10.99- 09.01	115483	14 120 A49			
	[ASZ]	11.03-	112002	14 120 A47	11.03-	112429	12 2.0
		11.03-	112079	14 90 A47	11.03-	113841	12 1.7
		11.03-	113340	14 70			
		11.03-	115483	14 120 A49			
	[ATD]	10.01-	112002	14 120 A47	10.01-	111900	12 1.8
		10.01-	112079	14 90 A47	10.01-	113842	12 1.7
		10.01-	113340	14 70	10.01- 04.05	115503	12 1.8 A49
		10.01-	115483	14 120 A49	04.05-	115508	12 1.7 A49
	[AXR]	10.01-	112002	14 120 A47	04.05-	115508	12 1.7 A49
		10.01-	112079	14 90 A47	10.01-	111900	12 1.8
		10.01-	113340	14 70	10.01-	113842	12 1.7
		10.01-	115483	14 120 A49	10.01- 04.05	115503	12 1.8 A49
	[BLT]	11.03-	112002	14 120 A47	11.03-	112429	12 2.0
		11.03-	112079	14 90 A47	11.03-	113841	12 1.7
		05.04-	113340	14 70			
		05.04-	115483	14 120 A49			
	[BMT]	05.06-	112002	14 120	05.06-	111900	12 1.8
		05.06-	113340	14 70	05.06-	113842	12 1.7
		05.06-	115483	14 120 A49	05.06-	115503	12 1.8 A49
		05.06-	115764	14 90	05.06-	115508	12 1.7 A49
Polo 2.0	[ADC]	08.99-	111352	14 70	AT 08.99-	111748	12 1.1
		08.99-	111479	14 90			
		AC 08.99-	111820	14 90			
	[CDLJ]	08.13-	113992	14 140	08.13-	115696	12 1.1
Polo 2.0 GTI	[CZPC]				11.17-	115561	12 1.7
Polo Classic 1.3	[GT]	08.82- 07.88	110360	14 45			
Polo Classic 1.8 Hybrid					03.98-	112236	12 1.8
Polo Van 1.4		08.97- 09.01	111820	14 90	08.97- 09.01	114758	12 0.9
		08.97- 12.99	111479	14 90	08.97- 09.01	112307	12 1.1
		08.97- 12.99	111477	14 90			
		08.97- 12.99	111353	14 70			
		08.97- 12.99	111352	14 70			
		06.00- 09.01	112274	14 90			
Polo Van 1.6		09.97- 12.98	111820	14 90	09.97- 12.98	114758	12 0.9
		09.97- 12.98	111353	14 70	09.97- 12.98	112307	12 1.1
Polo Van 1.9 Diesel		10.99- 09.01	112079	14 90	10.99- 09.01	112286	12 1.7
		10.99- 09.01	112002	14 120			
Santana 1.3	[FZ]	08.80- 07.83	110360	14 45			
		08.80- 07.83	110913	14 70			
		08.83- 12.84	110919	14 70			
Santana 1.6	[DT]	08.83- 12.84	110919	14 70	08.83- 12.84	110865	12 0.95
	[WV]	08.81- 07.83	111653	14 45			
	[YP]	08.81- 12.82	111139	14 75			
		08.81- 12.82	111653	14 45			
Santana 1.6 Diesel	[CR]	08.81- 07.85	111653	14 45			
		08.85-	111094	14 65			
Santana 1.6 TD	[CY]	08.81- 07.85	111653	14 45			
		08.85-	111094	14 65			
Santana 1.8	[DS]	01.83- 12.84	110919	14 70	01.83- 12.84	110865	12 0.95
		01.83- 12.84	111139	14 75			
					01.95-	110865	12 0.95
Santana 1.8 i	[AFE]				01.95-	110865	12 0.95
Santana 1.9	[WN]	08.81- 07.83	111139	14 75	08.81- 07.83	111010	12 1.4
		08.81- 07.83	111653	14 45			
		06.82- 12.84	110919	14 70			
		AC 08.81- 07.83	111139	14 75			
Santana 2.0	[HP]	08.83- 12.84	110919	14 70	08.83- 12.84	111010	12 1.4
	[JS]				08.83- 12.84	111010	12 1.4
Santana 2.1	[WE]	08.82- 12.83	111653	14 45	08.82- 12.83	111010	12 1.4
Scirocco 1.3	[GF]	08.79- 12.83	110360	14 45			
		08.79- 12.83	110913	14 70			
Scirocco 1.4 TSi	[CAVD]	09.08-	114884	14 140	09.08-	115612	12 1.2
					09.08-	114163	12 1.1
					09.08-	115611	12 1.1
	[CAXA]	09.08-	114884	14 140	09.08-	114163	12 1.1
		09.08-	115528	14 140 A49	09.08-	115338	12 2.0
		09.08-	116345*	14 140	09.08-	115612	12 1.2
	[CMSB]	09.08-	114884	14 140	09.08-	114163	12 1.1
		09.08-	115528	14 140 A49	09.08-	115338	12 2.0
		09.08-	116345*	14 140	09.08-	115612	12 1.2
	[CNWA]	09.08-	114884	14 140	09.08-	115612	12 1.2
					09.08-	114163	12 1.1
					09.08-	115611	12 1.1
	[CTHD]	09.08-	114884	14 140	09.08-	115612	12 1.2
					DSG 09.08-	115611	12 1.1
					09.08-	114163	12 1.1
	[CTKA]	09.08-	114884	14 140	09.08-	115612	12 1.2
					09.08-	114163	12 1.1
					09.08-	115611	12 1.1
	[CXSb]	11.13-	116193*	12 140	11.13-	115818	12 1.1
	[CZDA]				07.15-	115561	12 1.7
	[CZSB]	11.13-	116193*	12 140	11.13-	115818	12 1.1
Scirocco 1.5	[JB]	02.80- 12.83	111653	14 45	AT 08.77- 12.83	110864	12 0.7
Scirocco 1.6	[FR]	02.80- 07.83	111653	14 45	AT 08.75- 12.83	110864	12 0.7
		06.83- 12.83	110919	14 70	08.84- 07.92	111059	12 0.9
	[EG]	02.80- 07.82	111653	14 45			
		08.80- 03.81	111139	14 75			
		AC 03.81- 07.82	111139	14 75			
	[EW]	01.83- 05.83	111653	14 45	AT 01.83- 07.92	110864	12 0.7
		06.83- 07.85	110919	14 70	08.84- 07.92	111059	12 0.9
		08.84- 07.92	112149	14 65			



	[EWA]	01.83- 05.83	111653	14 45		AT 01.83- 07.87	110864	12 0.7
		06.83- 07.85	110919	14 70				
	[FN]					08.75- 07.79	111059	12 0.9
	[FP]					AT 08.75- 07.77	110864	12 0.7
	[FT]					AT 08.75- 07.77	110864	12 0.7
	[RE]	04.86- 07.90	112149	14 65		04.86- 07.90	111059	12 0.9
Scirocco 1.8	[DX]	08.82- 12.82	111139	14 75		08.83- 07.92	111059	12 0.9
		08.82- 05.83	111653	14 45				
		06.83- 07.85	110919	14 70				
		08.84- 07.92	112149	14 65				
	[EV]	08.82- 12.82	111139	14 75		08.83- 07.92	111059	12 0.9
		08.82- 05.83	111653	14 45				
		06.83- 07.85	110919	14 70				
		08.84- 07.92	112149	14 65				
	[EX]	08.83- 07.85	110919	14 70		08.83- 07.92	111059	12 0.9
		08.84- 07.92	112149	14 65				
	[JH]	05.83- 07.85	110919	14 70		AT 05.83- 07.92	110864	12 0.7
		08.84- 07.92	112149	14 65		08.83- 07.92	111059	12 0.9
	[PB]	08.82- 12.82	111139	14 75		08.83- 07.92	111059	12 0.9
		08.82- 05.83	111653	14 45				
		06.83- 07.85	110919	14 70				
		08.84- 07.92	112149	14 65				
Scirocco 1.8 16V	[KR]					10.85- 07.89	111059	12 0.9
	[PL]					02.86- 07.92	111059	12 0.9
Scirocco 2.0 R	[CDLA]	11.09-	113992	14 140		11.09-	115638	12 1.7
						AT 11.09-	115333	12 1.0
	[CDLK]	05.14-	113992	14 140		05.14-	115638	12 1.7
						05.14-	113773	12 1.1
Scirocco 2.0 TSi	[CAWB]					AT 09.08-	115333	12 1.0
	[CCZB]	11.09-	114722	14 140		11.09-	115900	12 1.1
						AT 11.09-	115333	12 1.0
						11.09-	113773	12 1.1
	[CDLC]	11.09-	113992	14 140		11.09-	115638	12 1.7
						DKG 11.09-	115333	12 1.0
						11.09-	113773	12 1.1
	[CULA]	11.13-	113992	14 140		A25 11.13-	115561	12 1.7
	[CULC]	11.13-	113992	14 140		DKG 11.13-	115561	12 1.7
Scirocco 2.0 TDi	[CBBB]	05.09-	113992	14 140		05.09-	115311	12 2.0
		05.09-	115433	14 140		05.09-	115638	12 1.7
	[CBDB]	09.08-	113992	14 140		09.08-	115311	12 2.0
		09.08-	115433	14 140		09.08-	115638	12 1.7
	[CFGB]	05.09-	113992	14 140		05.09-	115638	12 1.7
		05.09-	115433	14 140				
	[CFGC]	01.13-	113992	14 140		01.13-	113841	12 1.7
		01.13-	115433	14 140		01.13-	115638	12 1.7
	[CFHB]	11.10-	113992	14 140		11.10-	113841	12 1.7
		11.10-	114697	14 180		A25 11.10-	115402	12 1.8
		11.10-	115433	14 140		11.10-	115638	12 1.7
	[CFHC]	09.08-	113992	14 140		09.08-	115638	12 1.7
		09.08-	115433	14 140				
	[CUUB]	11.13-	113992	14 140		11.13-	115402	12 1.8
	[CUWA]					05.14-	115402	12 1.8
	[CUXA]					05.14-	115402	12 1.8
Sharan 1.4 TSi	[CAVA]	07.10-	115528	14 140 A49		07.10-	115964	12 2.0
		07.10-	116345*	14 140				
	[CNWB]	07.10-	115528	14 140 A49		07.10-	115964	12 2.0
		07.10-	116345*	14 140				
	[CTHA]	07.10-	115528	14 140 A49		07.10-	115964	12 2.0
		07.10-	116345*	14 140				
	[CZDA]					DKG 05.15-	115561	12 1.7
Sharan 1.8 Turbo 20V	[AJH]	09.97-	111353	14 70		AT 09.97- 05.98	111748	12 1.1
		09.97-	111477	14 90		09.97- 05.98	111749	12 1.1
		09.97-	112002	14 120 A47		AT 05.98-	111909	12 1.1
		09.97-	112079	14 90 A47		05.98-	112005	12 1.1
		09.97-	114789	14 90 A49		05.98- 02.00	115504	12 1.1 A49
		10.98- 02.00	115483	14 120 A49				
	[AWC]	05.00-	115483	14 120 A49		09.97-	114174	12 1.1
		09.97-	112002	14 120 A47		09.97-	112005	12 1.1
		09.97-	113992	14 140				
Sharan 1.9 TDi	[1Z]	09.95- 07.96	111477	14 90		09.95- 07.96	111900	12 1.8
		09.95- 07.96	111988	14 120		09.95- 07.96	115503	12 1.8 A49
	[AFN]	09.96- 11.96	111477	14 90		09.96-	111900	12 1.8
		09.96- 09.98	111828	14 120		AT, Chas. 7MT00801-	112286	12 1.7
		12.96- 09.98	111884	14 90		09.96- 04.00	115503	12 1.8 A49
	[AHU]	09.95-	112002	14 120 A47		07.96-	111900	12 1.8
		09.95-	112079	14 90 A47		07.96- 02.00	115503	12 1.8 A49
		09.95-	114789	14 90 A49				
		07.96-	111477	14 90				
		05.99- 02.00	115483	14 120 A49				
	[ANU]	04.00-	115483	14 120 A49		03.99- 02.00	112429	12 2.0
		09.95-	112002	14 120				
		09.95-	112079	14 90 A47				
		09.95-	113992	14 140				
		09.95-	114789	14 90 A49				
	[ASZ]	11.02-	112002	14 120 A47		11.02- 05.05	112429	12 2.0
		11.02-	112079	14 90 A47				
		11.02-	114789	14 90 A49				
		11.02- 05.05	115483	14 120 A49				
	[AUY]	04.00-	112002	14 120 A47		04.00-	112429	12 2.0
		04.00-	112079	14 90 A47		AT, 5 Speed 04.00-	115523	12 2.3
		04.00-	114789	14 90 A49				
		04.00-	115483	14 120 A49				
	[AVG]	08.99- 04.00	111884	14 90		08.99- 04.00	115503	12 1.8 A49
						08.99- 04.00	111900	12 1.8
						08.99- 04.00	112005	12 1.1



Application list

VW Continued

	[BTB]	05.05- 06.05- 06.05-	115483 112002 113992	14 120 A49 14 120 A47 14 140		05.05-	112429	12 2.0
	[BVK]	11.05- 11.05- 11.05-	112002 113992 115483	14 120 A47 14 140 14 120 A49		11.05- AT, 5 Speed 11.05-	112429 115523	12 2.0 12 2.3
Sharan 1.9 TDi 4 Motion	[AUY]	04.00- 04.00- 04.00- 04.00-	112002 112079 114789 115483	14 120 A47 14 90 A47 14 90 A49 14 120 A49		04.00- AT, 5 Speed 04.00-	112429 115523	12 2.0 12 2.3
	AC	04.00-	112002	14 120				
	[BVK]	04.00- 04.00- 04.00- 04.00- 04.00-	112002 112079 113992 114789 115483	14 120 A47 14 90 A47 14 140 14 90 A49 14 120 A49		04.00- AT, 5 Speed 04.00-	112429 115523	12 2.0 12 2.3
Sharan 2.0	[ADY]	09.95- 09.98	111479	14 90		05.98- 02.00 AT 09.95- 05.98 05.98- 09.95- 05.98 05.98-	115504 111748 111909 111749 112005	12 1.1 A49 12 1.1 12 1.1 12 1.1 12 1.1
	AC	09.95- 09.98	111477	14 90				
	[ATM]	05.00- 05.00-	112002 115483	14 120 A47 14 120 A49		05.00- 05.00- AT 05.00-	114174 115504 111909	12 1.1 12 1.1 A49 12 1.1
Sharan 2.0 TSi	[CCZA]	12.10-	114722	14 140		12.10-	115900	12 1.1
	[DEDA]					05.15-	115561	12 1.7
Sharan 2.0 LPG	[ATM]	05.08- 05.08- 05.08-	112002 113992 115483	14 120 A47 14 140 14 120 A49		05.08- 6SP 05.08- 05.08-	111909 114174 115504	12 1.1 12 1.1 12 1.1 A49
Sharan 2.0 TDi	[BRT]	11.05- 11.05- 11.05-	112002 113992 115483	14 120 A47 14 140 14 120 A49		11.05-	112429	12 2.0
	[BVH]	11.05- 03.10 11.05- 03.10 11.05- 03.10	112002 113992 115483	14 120 A47 14 140 14 120 A49		11.05- 03.10	112429	12 2.0
	[CFFA]	05.10- 05.10- 05.10- 05.10- 05.10-	114831 115433 115712 115713 116319	14 180 14 140 14 180 14 180 A49 14 180		05.10-	115402	12 1.8
	[CFFB]	07.10- 07.10- 07.10- 07.10-	115433 115712 115713 116319	14 140 14 180 14 180 A49 14 180		07.10-	115402	12 1.8
	[CFFE]	05.11- 05.11- 05.11- 05.11-	114831 115433 115713 116319	14 180 14 140 14 180 A49 14 180		05.11-	115402	12 1.8
	[CFGB]	08.10- 08.10- 08.10- 08.10- 08.10-	114831 115433 115712 115713 116319	14 180 14 140 14 180 14 180 A49 14 180		08.10-	115402	12 1.8
	[CFGC]	01.13-	115433	14 140		01.13-	115402	12 1.8
	[CUVC]	05.15- 05.15-	115826 116359*	14 140 A49 14 140		05.15-	115402	12 1.8
	[CUWA]	05.15- 05.15-	115826 116359*	14 140 A49 14 140		05.15- 05.15- 05.15-	116156 115539 115402	12 2.0 12 2.0 A49 12 1.8
Sharan 2.0 TDi 4 Motion	[DFMA]	05.16- 05.16-	115826 116359*	14 140 A49 14 140		05.16- 05.16-	115539 116156	12 2.0 A49 12 2.0
Sharan 2.0 TDi 4motion	[CFFA]	05.11- 05.12 05.11- 05.12 05.11- 05.12	114831 115433 115712	14 180 14 140 14 180		05.11- 05.12	115402	12 1.8
	[CFFB]	05.11- 05.11- 05.11- 05.11-	115433 115712 115713 116319	14 140 14 180 14 180 A49 14 180		05.11-	115402	12 1.8
	[CUVC]	05.15- 05.15-	115826 116359*	14 140 A49 14 140		05.15-	115402	12 1.8
Sharan 2.8 V6 24V	[AYL]	04.00- 04.00- 04.00- 04.00-	112002 113884 113885 115483	14 120 A47 14 150 14 150 14 120 A49		04.00-	112429	12 2.0
Sharan 2.8 V6 24V VR6 Syncro	[AYL]	04.00- 04.00- 04.00- 04.00-	112002 113884 113885 115483	14 120 A47 14 150 14 150 14 120 A49		04.00-	112429	12 2.0
Sharan 2.8 VR6	[AMY]	09.95- 04.99 04.98- 02.00	112709 113885	14 120 14 150		04.98-	112286	12 1.7
	[AAA]	09.95- 09.98 09.95- 04.99 09.95- 02.00	111828 112709 113885	14 120 14 120 14 150		09.95- AT 09.95-	112166 112286	12 1.7 12 1.7
Sharan 2.8 VR6 Syncro	[AMY]	11.96- 04.00 04.98- 02.00	112709 113885	14 120 14 150		04.98-	112286	12 1.7
	[AAA]	07.96- 09.98 07.96- 02.00	111828 113885	14 120 14 150		07.96- AT 07.96-	112166 112286	12 1.7 12 1.7
Taro 1.8	[2Y]					04.89- 12.93	110397	12 1.0
Taro 2.2	[4Y]					04.89- 12.93	110397	12 1.0
Taro 2.4	[22R]	04.89-	111483	14 55		06.89- 12.93 06.89- 12.93 01.94-	110411 110260 113108	12 1.4 12 1.0 12 1.4
Taro 2.4 Diesel	[2L]	04.89- 03.97 09.91- 03.97	111483 114203	14 55 14 60		04.89- 02.97 04.89- 03.97	110708 111387	12 2.7 12 2.0
Taro 2.4 Diesel 4x4	[2L]	04.89- 04.89- 03.97	111483 114203	14 55 14 60		04.89- 02.97 04.89- 03.97	110708 111387	12 2.7 12 2.0



Tiguan 1.4 TSI	[BWK]	09.07- 09.07- 09.07-	114884 115528 116345*	14 140 14 140 A49 14 140	09.07- 09.07- 09.07-	113773 115964	12 1.1 12 2.0	
	[CAVA]	09.07- 09.07- 09.07-	114884 115528 116345*	14 140 14 140 A49 14 140	09.07- 09.07- 09.07-	113773 115964	12 1.1 12 2.0	
	[CAVD]	05.11- 05.11-	115528 116345*	14 140 A49 14 140	05.11- 05.11-	113773 115964	12 1.1 12 2.0	
	[CAXA]	08.10- 08.10-	115528 116345*	14 140 A49 14 140	08.10- 08.10-	115964	12 2.0	
	[CTHA]	09.07- 09.07- 09.07-	114884 115528 116345*	14 140 14 140 A49 14 140	09.07- 09.07- 09.07-	113773 115964	12 1.1 12 2.0	
	[CTHD]	05.11- 05.11-	115528 116345*	14 140 A49 14 140	05.11- 05.11-	113773 115964	12 1.1 12 2.0	
	[CZDA]				05.15- 05.15-	115560 115561	12 1.7 12 1.7	
	Tiguan 1.4 TSI 4 Motion	[CZDA]			05.16- 05.16-	115561 115900	12 1.7 12 1.1	
		[CZEA]			05.16- 05.16-	115561 115900	12 1.7 12 1.1	
	Tiguan 1.4 TSI 4motion	[CAVD]	05.11- 05.11-	115528 116345*	14 140 A49 14 140	05.11- 05.11-	113773 115964	12 1.1 12 2.0
		[CTHD]				05.11- 05.11-	113773 115964	12 1.1 12 2.0
	Tiguan 1.6 TDI Tiguan 2.0 TFSi	[DGDB]	05.16-	114322	14 140	05.16-	115402	12 1.8
[CAWA]		09.07-	114722	14 140	09.07- 09.07-	115900 113773	12 1.1 12 1.1	
[CAWB]		09.07-	114722	14 140	09.07- 09.07-	115900 113773	12 1.1 12 1.1	
[CCTA]		11.09-	114722	14 140	11.09- 11.09-	115900 113773	12 1.1 12 1.1	
[CCZA]		09.07-	114722	14 140	09.07- 09.07-	115900 113773	12 1.1 12 1.1	
[CCZC]		09.07-	114722	14 140	09.07- 09.07-	115900 113773	12 1.1 12 1.1	
Tiguan 2.0 TSI 4 Motion		[CZPA]				01.16- 01.16-	115561 115900	12 1.7 12 1.1
		Tiguan 2.0 TSI 4motion	[CCZB]	05.11-	114722	14 140	05.11- 05.11-	115900 113773
[CCZD]	05.11-		114722	14 140	05.11- 05.11-	115900 113773	12 1.1 12 1.1	
Tiguan 2.0 TDI	[CHHB]				A25 06.16-	115561	12 1.7	
	[CBAB]	09.07- 09.07-	113992 115433	14 140 14 140	09.07- 09.07-	113841 115638	12 1.7 12 1.7	
	[CBBB]	09.07- 09.07-	113992 115433	14 140 14 140	09.07- 09.07-	113841 115638	12 1.7 12 1.7	
	[CBAA]	11.07- 11.07-	113992 115433	14 140 14 140	11.07- 11.07-	113841 115638	12 1.7 12 1.7	
	[CFFA]	11.07- 11.07-	113992 115433	14 140 14 140	11.07- 11.07-	113841 115638	12 1.7 12 1.7	
	[CFFB]	09.07- 09.07-	113992 115433	14 140 14 140	11.08- 09.07-	113841 115638	12 1.7 12 1.7	
	[CFFD]	05.10- 05.10-	113992 115433	14 140 14 140	A25 05.10-	115402	12 1.8	
	[CFGB]	09.07- 09.07-	113992 115433	14 140 14 140	09.07- 09.07-	113841 115638	12 1.7 12 1.7	
	[CLJA]	09.07- 09.07-	113992 115433	14 140 14 140	09.07-	115638	12 1.7	
	[CUVC]	05.15- 05.15-	115826 116359*	14 140 A49 14 140	05.15-	115402	12 1.8	
	[CYKC]	08.16- 08.16- 08.16-	115826 116195* 116359*	14 140 A49 14 180 14 140				
	[DFGA]				01.16-	115402	12 1.8	
	[DFGC]				05.16-	115402	12 1.8	
	Tiguan 2.0 TDI 4 Motion	[CFGC]	11.12- 11.12-	113992 115433	14 140 14 140	11.12- 11.12- 11.12-	115402 115638 113841	12 1.8 12 1.7 12 1.7
		[CUAA]	05.16- 05.16-	115826 116359*	14 140 A49 14 140			
		[DFGA]				01.16-	115402	12 1.8
		[DFHA]				04.16-	115638	12 1.7
Tiguan 2.0 TDI 4motion	[CBBA]	02.08- 08.09 02.08- 08.09	113992 115433	14 140 14 140	02.08- 08.09	113841	12 1.7	
	[CUVC]	05.15- 05.15-	115826 116359*	14 140 A49 14 140	05.15-	115402	12 1.8	
	[CUWA]	05.15- 05.15-	115826 116359*	14 140 A49 14 140	05.15-	115402	12 1.8	
Tiguan Allspace 1.4 TSI	[CZDA]				A25 04.17- 04.17-	115561 115900	12 1.7 12 1.1	
	[CZEA]				A25 04.17- 04.17-	115561 115900	12 1.7 12 1.1	
Tiguan Allspace 2.0 TSI 4motion	[CXDA]	07.17-	116386*		07.17- A25 07.17-	115900 115560	12 1.1 12 1.7	
	[DGVA]	03.17-	116386*		03.17- A50 03.17-	115900 115561	12 1.1 12 1.7	
Tiguan Allspace 2.0 TDI	[DFGA]	06.17-	114322	14 140	06.17- A25 06.17- 06.17-	115638 115402 115539 116156	12 1.7 12 1.8 12 2.0 12 2.0	
	Tiguan Allspace 2.0 TDI 4motion	[DBGC]	06.17- 06.17- 06.17-	115826 116195* 116359*	14 140 14 180 14 140	06.17-	115638	12 1.7
		[DFGA]	06.17- 06.17- 06.17-	115826 116195* 116359*	14 140 14 180 14 140	06.17-	115638	12 1.7



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	[DFHA]	06.17-	114322	14	140				
Touareg 2.5 TDI	[BAC]	01.03-	113947	14	180		01.03-	114723	12 2.2
	[BPE]	01.06-	113947	14	180				
Touareg 2.5 TDI R5	[BLK]	08.03-	113947	14	180		08.03-	114723	12 2.2
	[BPD]	08.03-	113947	14	180		08.03-	114723	12 2.2
Touareg 3.0 TDI	[BKS]	11.04-	114408	14	180		11.04-	115502	12 2.2 A49
		11.04-	116179	14	180		11.04-	114775	12 2.2
	[BUN]	12.06-	114408	14	180		12.06-	114690	12 2.0
		12.06-	116179	14	180		12.06-	114775	12 2.2
							12.06-	115502	12 2.2 A49
	[CASB]	12.06-	114408	14	180		12.06-	114690	12 2.0
		12.06-	116179	14	180				
	[CASD]	01.10-	116147*	14	180		01.10-	116000	12 2.0
	[CATA]	11.04-	114408	14	180		11.04-	115502	12 2.2 A49
		11.04-	116179	14	180		11.04-	114690	12 2.0
							11.04-	114775	12 2.2
	[CJGD]	05.11-	116147*	14	180		05.11-	116000	12 2.0
							05.11-	114775	12 2.2
							05.11-	115502	12 2.2 A49
	[CJMA]	01.10-	116147*	14	180		01.10-	116000	12 2.0
	[CRCA]	05.11-	116147*	14	180		05.11-	116000	12 2.0
							05.11-	114775	12 2.2
							05.11-	115502	12 2.2 A49
	[CVWA]	01.10-	116147*	14	180		01.10-	116000	12 2.0
Touareg 3.0 V6 TDI	[CASA]	11.07-	114408	14	180		04.10-	116000	12 2.0
		11.07-	116179	14	180		11.07-	114775	12 2.2
		04.10-	116147*	14	180		11.07-	115502	12 2.2 A49
	[CASC]	11.07-	114408	14	180		11.07-	114775	12 2.2
		11.07-	116179	14	180		11.07-	115502	12 2.2 A49
	[CATA]	06.10-	116147*	14	180				
	[CNRB]	04.10-	116147*	14	180		04.10-	116000	12 2.0
	[CVVA]						09.14-	114775	12 2.2
							09.14-	115502	12 2.2 A49
							09.14-	116000	12 2.0
Touareg 3.2 V6	[AZZ]	10.02-	116173	14	150		10.02-	116039	12 1.7
	[BKJ]	10.02-	116173	14	150		10.02-	116039	12 1.7
	[BMV]	10.02-	116173	14	150		10.02-	116039	12 1.7
	[BMX]	10.02-	116173	14	150		10.02-	116039	12 1.7
	[BRJ]	10.02-	116173	14	150		10.02-	116039	12 1.7
Touareg 3.6 FSI V6	[BHK]	03.06-	116173	14	150		03.06-	116039	12 1.7
	[BHL]	03.06-	116173	14	150		03.06-	116039	12 1.7
Touareg 4.2 V8	[AXQ]	12.02-	113884	14	150		12.02-	115744	12 1.7
	[BHX]	12.02-	113884	14	150		12.02-	115744	12 1.7
Touareg 5.0 TDI	[AYH]						10.02-	115744	12 1.7
	[BLE]						10.02-	115941	12 3.0
							10.02-	115744	12 1.7
							10.02-	115941	12 3.0
	[BWF]						10.02-	115744	12 1.7
							10.02-	115941	12 3.0
Touareg 5.0 TDI R50	[CBWA]						11.07-	115941	12 3.0
Touran 1.2 TSi	[CBZB]						06.06- 08.08	114175	12 1.1
							05.10-	115645	12 2.0
Touran 1.4 FSi	[BLG]	12.06-	114769	14	110	AT	12.06-	115333	12 1.0
							12.06-	114163	12 1.1
	[CAVB]						12.06-	115611	12 1.1
Touran 1.4 TSi	[BMY]					AT	02.06-	115333	12 1.0
							02.06-	114163	12 1.1
	[CAVB]	05.10-	115528	14	140 A49		05.10-	115612	12 1.2
		05.10-	116345*	14	140				
	[CAVC]	05.10-	114884	14	140		05.10-	115612	12 1.2
		05.10-	115528	14	140 A49		11.08-	114163	12 1.1
		05.10-	116345*	14	140	A24	02.06-	115611	12 1.1
	[CTHB]	05.10-	115528	14	140 A49		05.10-	115612	12 1.2
		05.10-	116345*	14	140				
	[CTHC]	05.10-	114884	14	140		05.10-	115612	12 1.2
		05.10-	115528	14	140 A49				
		05.10-	116345*	14	140				
	[CZDA]						09.15-	115612	12 1.2
							09.15-	115818	12 1.1
Touran 1.4 TSi EcoFuel	[CDGA]					AT	05.09-	115611	12 1.1
							05.09-	114163	12 1.1
Touran 1.4 TSi EcoFuel	[CDGA]	05.10-	115528	14	140 A49		05.10-	115612	12 1.2
		05.10-	116345*	14	140				
Touran 1.6	[BGU]	07.03-	113992	14	140		07.03-	114175	12 1.1
							07.03-	113773	12 1.1
	[BSE]	07.03-	113992	14	140		07.03-	114175	12 1.1
							07.03-	113773	12 1.1
	[BSF]	07.03-	113992	14	140		07.03-	114175	12 1.1
							07.03-	113773	12 1.1
Touran 1.6 FSi	[BAG]	02.03-	114769	14	110		02.03-	114175	12 1.1
							02.03-	113773	12 1.1
	[BLF]	02.03-	114769	14	110		02.03-	114175	12 1.1
							02.03-	113773	12 1.1
	[BLP]	02.03-	114769	14	110		02.03-	114175	12 1.1
							02.03-	113773	12 1.1
Touran 1.6 TDI	[CAYB]	05.10-	115433	14	140	A25	05.10-	115336	12 2.2
							05.10-	114299	12 1.7
	[CAYC]	05.10-	115433	14	140	A25	04.10-	115336	12 2.2
							05.10-	114299	12 1.7
							05.10-	115610	12 2.0
							05.10-	115634	12 1.8
	[CRKB]	09.15-	115826	14	140 A49		09.15-	115336	12 2.2
		09.15-	116359*	14	140		09.15-	115610	12 2.0
Touran 1.8 TSi	[CJSA]						11.15-	115561	12 1.7
Touran 1.9 TDI	[AVQ]	02.03-	113992	14	140		02.03-	115508	12 1.7 A49
						AT	02.03-	113509	12 1.7
							02.03-	113842	12 1.7



	[BKC]	08.03-08.03-	113992 115370	14 140 14 110		08.03-08.03-02.06	113842 115508 113509	12 1.7 12 1.7 12 1.7	A49
					AT	08.03-			
	[BLS]	11.06-05.10	113992	14 140		DKG 11.06-05.10	115376	12 1.8	
		11.06-05.10	115370	14 110		08.03-02.06	115508	12 1.7	A49
					AT	08.03-	113509	12 1.7	
						08.03-	113842	12 1.7	
	[BRU]	11.04-06.06	113992	14 140		11.04-	113842	12 1.7	
		11.04-06.06	115370	14 110		06.05-06.06	115508	12 1.7	A49
	[BXE]	02.06-	113992	14 140		02.06-	113842	12 1.7	
		02.06-	115370	14 110		08.03-02.06	115508	12 1.7	A49
	[BXF]	11.04-05.10	113992	14 140		11.04-05.10	113842	12 1.7	
		11.04-05.10	115370	14 110		11.04-05.10	115508	12 1.7	A49
	[BXJ]	06.06-	113992	14 140		11.04-05.10	113842	12 1.7	
		06.06-	115370	14 110		06.06-	115508	12 1.7	A49
Touran 2.0 FSI	[AXW]	10.03-	113992	14 140		10.03-	115504	12 1.1	A49
						AT 10.03-	111909	12 1.1	
						10.03-	113773	12 1.1	
						10.03-	114163	12 1.1	
						10.04-	114163	12 1.1	
						10.04-	112002	14 120	A47
						10.04-	113992	14 140	
						10.04-	115483	14 120	A49
						10.03-	113992	14 140	
						AT 10.03-	115504	12 1.1	A49
						10.03-	111909	12 1.1	
						10.03-	113773	12 1.1	
					02.05-	114163	12 1.1		
					10.03-	113992	14 140		
					AT 10.03-	115504	12 1.1	A49	
					10.03-	111909	12 1.1		
					10.03-	113773	12 1.1		
					10.03-	114163	12 1.1		
					AT 10.03-	115504	12 1.1	A49	
					10.03-	111909	12 1.1		
					10.03-11.05	114163	12 1.1		
					10.03-	115504	12 1.1	A49	
					10.03-	111909	12 1.1		
					10.03-	114163	12 1.1		
					10.03-	115504	12 1.1	A49	
					10.03-	111909	12 1.1		
					10.03-	114163	12 1.1		
Touran 2.0 TSI	[CJKB]	04.15-	115922	14 140		04.15-	115696	12 1.1	
Touran 2.0 TDI 16V	[BKD]	08.03-	113992	14 140		AT 08.03-	113509	12 1.7	
		08.03-	115370	14 110		08.03-	113841	12 1.7	
Touran 2.0 TDi	[AZV]	02.03-	113992	14 140		AT 02.03-	113841	12 1.7	
						02.03-	113509	12 1.7	
						12.05-	113841	12 1.7	
						12.05-	113992	14 140	
						12.05-	115370	14 110	
						12.05-	113992	14 140	
						12.05-	115370	14 110	
						05.10-	115433	14 140	
						05.10-	115638	12 1.7	
						05.10-	113841	12 1.7	
						05.10-	115311	12 2.0	
						05.10-	115402	12 1.8	
					05.10-	115433	14 140		
					05.10-	115638	12 1.7		
					12.05-05.10	113992	14 140		
					12.05-05.10	115370	14 110		
					05.10-	115433	14 140		
					12.05-05.10	113841	12 1.7		
					01.13-	115433	14 140		
					01.13-	116156	12 2.0		
					01.13-	115539	12 2.0	A49	
					01.13-	115638	12 1.7		
					05.10-	115638	12 1.7		
					05.10-	115402	12 1.8		
					11.15-	115826	14 140	A49	
					11.15-	116359*	14 140		
					11.15-	115826	14 140	A49	
					11.15-	116359*	14 140		
					09.15-	115826	14 140	A49	
					09.15-	116359*	14 140		
					11.15-	115826	14 140	A49	
					11.15-	116359*	14 140		
					DKG 11.15-	114854	12 2.5		
					11.15-	115539	12 2.0	A49	
					11.15-	116156	12 2.0		
Touran 2.0 EcoFuel	[BSX]	02.06-	113992	14 140		02.06-	114175	12 1.1	
Transporter 1.5 T1						07.66-07.67	110363	12 0.7	
Transporter 1.6 T1	[B]					08.64-12.68	110363	12 0.7	
Transporter 1.6 T2	[AD]	08.74-04.79	111096	14 51		07.75-04.79	110858	12 0.7	
						08.70-07.75	110363	12 0.7	
						08.70-07.75	110363	12 0.7	
						08.75-04.79	110858	12 0.7	
						08.70-07.75	110363	12 0.7	
						08.75-04.79	110858	12 0.7	
						08.70-07.75	110363	12 0.7	
						07.75-07.79	110858	12 0.7	
						08.70-07.75	110363	12 0.7	
Transporter 1.6 T3	[CT]					05.79-12.80	110858	12 0.7	
						01.81-12.82	111061	12 0.8	
Transporter 1.6 Diesel T3	[CS]	01.81-06.81	110360	14 45		01.85-07.87	111069	12 1.7	
		01.81-12.85	110913	14 70					
		01.81-07.87	112729	14 90					
		08.85-07.87	112765	14 90	▲				
		12.85-07.87	111287	14 70					
		A20 08.85-07.87	111287	14 70					
Transporter 1.6 TD T3	[JX]	08.84-07.92	112729	14 90		01.85-07.92	111069	12 1.7	
		08.85-07.92	112765	14 90	▲				
		12.85-07.92	111287	14 70					
		A20 08.85-07.92	111287	14 70					



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Transporter 1.6 TD T3 Syncro	[JX]	03.86- 07.92	111287	14 70		03.86- 07.92	111069	12 1.7	
		03.86- 07.92	112729	14 90					
		03.86- 07.92	112765	14 90	▲				
		A20 03.86- 07.92	111287	14 70					
Transporter 1.7 T2	[CA]					08.71- 07.73	110363	12 0.7	
						08.71- 08.73	110858	12 0.7	
	[CB]					08.71- 12.73	110363	12 0.7	
						08.71- 08.73	110858	12 0.7	
Transporter 1.7 Diesel T3	[KY]	10.86- 07.92	111287	14 70		10.86- 07.92	111069	12 1.7	
		10.86- 07.92	112729	14 90					
		10.86- 07.92	112765	14 90	▲				
		A20 10.86- 07.92	111287	14 70					
Transporter 1.8 T2	[AP]					08.73- 07.75	110363	12 0.7	
Transporter 1.8 T4	[PD]					12.90- 07.92	112306	12 1.1	
Transporter 1.9 T3	[DF]	08.82- 07.85	111653	14 45		08.82- 07.92	113847	12 0.95	
						08.82- 11.86	111061	12 0.8	
	[DG]	08.82- 07.85	111653	14 45		08.82- 07.92	113847	12 0.95	
						09.82- 11.86	111061	12 0.8	
						01.83- 07.85	111061	12 0.8	
Transporter 1.9 T3 Syncro	[GW]	08.83- 02.89	111653	14 45		08.83- 02.89	111061	12 0.8	
	[DG]	11.84- 07.85	111653	14 45		11.84- 07.92	113847	12 0.95	
						02.85- 11.86	111061	12 0.8	
Transporter 1.9 Diesel T4	[1X]	09.90- 07.92	111154	14 65		09.90-	113387	12 2.0	
		09.90- 07.92	112799	14 100		09.90- 11.94	112167	12 1.8	
		08.92- 04.97	111352	14 70					
		08.92- 04.97	111479	14 90					
Transporter 1.9 TD T4	[ABL]	10.92-	111352	14 70		10.92- 11.94	112167	12 1.8	
		10.92-	111479	14 90		Chas. 70-S-059839-	01.95- 06.03	113387	12 2.0
		01.99-	113406	14 90					
		AC 10.92-	111477	14 90					
		A20 10.92-	111477	14 90					
Transporter 1.9 TDi T5	[AXB]	04.03-	112002	14 120 A47		04.03-	113842	12 1.7	
		04.03-	112079	14 90 A47		04.03-	115508	12 1.7 A49	
		04.03-	113992	14 140					
		04.03-	114789	14 90 A49					
		04.03-	115483	14 120 A49					
	[AXC]	04.03-	112002	14 120 A47		04.03-	113841	12 1.7	
		04.03-	112079	14 90 A47		04.03-	113842	12 1.7	
		04.03-	113992	14 140		04.03-	115508	12 1.7 A49	
		04.03-	114789	14 90 A49					
		04.03-	115483	14 120 A49					
	[BRR]	01.06-	112002	14 120 A47		01.06-	113842	12 1.7	
		01.06-	112079	14 90 A47		01.06-	115508	12 1.7 A49	
		01.06-	113992	14 140					
		01.06-	114789	14 90 A49					
		01.06-	115483	14 120 A49					
	[BRS]	06.06-	112002	14 120 A47		06.06-	113842	12 1.7	
		06.06-	112079	14 90 A47		06.06-	115508	12 1.7 A49	
		06.06-	113992	14 140					
	06.06-	114789	14 90 A49						
	06.06-	115483	14 120 A49						
Transporter 2.0 T2	[CJ]					08.75- 07.79	110858	12 0.7	
	[GD]					08.75- 07.77	110858	12 0.7	
	[GE]					08.76- 06.79	110858	12 0.7	
Transporter 2.0 T3	[CU]				05.79- 12.80	110858	12 0.7		
					01.81- 12.82	111061	12 0.8		
Transporter 2.0 T4	[AAC]	07.90- 12.95	112149	14 65		09.90- 06.98	112306	12 1.1	
		08.92-	111479	14 90		09.90-	113677	12 1.1	
		08.98-	112274	14 90		AT 09.90-	111059	12 0.9	
		01.99-	113406	14 90					
		AC 07.90-	111477	14 90					
		A20 07.90- 09.91	111676	14 90					
	A20 09.91-	111477	14 90						
Transporter 2.0 T5	[AXA]	04.03-	112002	14 120 A47		04.03- 08.15	114163	12 1.1	
		04.03- 08.15	113992	14 140					
		04.03-	115483	14 120 A49					
		05.11- 08.15	115621	14 110					
Transporter 2.0 TSi	[CJKA]	05.11-	115922	14 140		05.11-	115900	12 1.1	
						05.11-	113841	12 1.7	
	[CJKB]	07.12-	115922	14 140		07.12-	113841	12 1.7	
Transporter 2.0 TSi 4motion	[CJKA]	07.11-	115922	14 140		07.11-	115900	12 1.1	
Transporter 2.0 BITDI T5	[CFCA]	09.09-	114697	14 180		09.09-	115638	12 1.7	
		09.09-	115707	14 110		09.09-	113841	12 1.7	
		09.09-	115730	14 140					
Transporter 2.0 BITDI T5 4 Motion	[CFCA]	09.09-	114697	14 180		09.09-	113841	12 1.7	
		09.09-	115707	14 110		09.09-	115638	12 1.7	
		09.09-	115730	14 140					
Transporter 2.0 TDi	[CCHB]	05.10-	115707	14 110		05.10-	115638	12 1.7	
						05.10-	113841	12 1.7	
	[CXEB]	05.16-	115826	14 140 A49		DKG 05.16-	115539	12 2.0	
		05.16-	116359*	14 140		05.16-	116156	12 2.0	
	[CXHB]	05.16-	115826	14 140 A49		05.16-	115336	12 2.2	
		05.16-	116195*	14 180					
		05.16-	116359*	14 140					
	[CAAD]	05.11-	115707	14 110		05.11-	115336	12 2.2	
	[CAAE]	05.10-	115707	14 110		05.10-	113841	12 1.7	
						05.10-	115638	12 1.7	
Transporter 2.0 TDi 4motion	[CCHB]	05.10-	115707	14 110		05.10-	115638	12 1.7	
		05.10-	115730	14 140					
	[CXEB]	05.16-	115826	14 140 A49		DKG 05.16-	115539	12 2.0	
		05.16-	116359*	14 140		05.16-	116156	12 2.0	
	[CXHA]	05.16-	115826	14 140 A49					
		05.16-	116195*	14 180					
		05.16-	116359*	14 140					
	[CAAE]	05.10-	115707	14 110		05.10-	115638	12 1.7	
		05.10-	115730	14 140					



Transporter 2.0 TDi T5	[CCHA]	09.09-	114697	14 180		09.09-	115638	12 1.7
		09.09-	115707	14 110				
		09.09-	115730	14 140				
	[CCHB]	05.10-	114697	14 180		05.10-	115638	12 1.7
		05.10-	115707	14 110				
	[CAAA]	09.09-	114697	14 180		09.09-	114299	12 1.7
		09.09-	115707	14 110				
		09.09-	115730	14 140				
	[CAAB]	09.09-	114697	14 180		09.09-	114299	12 1.7
		09.09-	115707	14 110				
09.09-		115730	14 140					
[CAAC]	09.09-	114697	14 180		09.09-	113841	12 1.7	
	09.09-	115707	14 110		09.09-	115638	12 1.7	
	09.09-	115730	14 140					
[CAAE]	05.10-	114697	14 180		05.10-	115638	12 1.7	
	05.10-	115707	14 110					
	05.10-	115730	14 140					
Transporter 2.0 TDi T5 4 Motion	[CCHA]	09.09-	114697	14 180		09.09-	115638	12 1.7
		09.09-	115707	14 110				
		09.09-	115730	14 140				
	[CCHB]	05.10-	114697	14 180		05.10-	115638	12 1.7
		05.10-	115707	14 110				
		05.10-	115730	14 140				
	[CAAC]	09.09-	114697	14 180		09.09-	113841	12 1.7
		09.09-	115707	14 110		09.09-	115638	12 1.7
		09.09-	115730	14 140				
	[CAAE]	05.10-	114697	14 180		05.10-	115638	12 1.7
05.10-		115707	14 110					
05.10-		115730	14 140					
Transporter 2.1 T3	[DJ]					07.85- 05.86	111061	12 0.8
						08.85- 07.92	113847	12 0.95
	[MW]					07.85- 07.92	111061	12 0.8
						08.85- 07.92	113847	12 0.95
	[SR]					10.86- 07.92	113847	12 0.95
[SS]					07.89- 07.92	111061	12 0.8	
Transporter 2.1 T3 Syncro	[DJ]					07.89- 07.92	113847	12 0.95
						01.86- 04.86	111061	12 0.8
	[MW]					01.86- 07.92	113847	12 0.95
						08.85- 04.86	111061	12 0.8
	[SR]					08.85- 07.92	113847	12 0.95
Transporter 2.1 i T3	[SS]					10.86- 07.92	113847	12 0.95
						07.89- 07.92	113847	12 0.95
Transporter 2.4 Diesel T4	[AJA]	08.97- 08.98	111898	14 120		AT 08.97-	111060	12 1.7
		08.97- 08.98	111899	14 90		05.97- 06.03	113387	12 2.0
	[AAB]	09.90- 12.95	112765	14 90 ▲		AT 01.94-	111060	12 1.7
		07.92- 12.95	112799	14 100 ▲		09.90- 11.94	112052	12 2.2
		01.96-	111898	14 120		12.94- 05.98	113387	12 2.0
Transporter 2.4 Diesel T4 Syncro	[AAB]	01.96-	111899	14 90		AT 09.90- 05.98	110996	12 1.7 A49
		11.92- 01.95	112765	14 90		12.94-	112167	12 1.8
	11.92- 01.95	112799	14 100 ▲		11.94-	113387	12 2.0	
	01.96- 10.98	111898	14 120		01.94- 05.98	111059	12 0.9	
	01.96- 10.98	111899	14 90		11.92- 11.94	112052	12 2.2	
11.98-	112043	14 90						
Transporter 2.5 T4	[ACU]	11.90- 03.04	113754	14 120		12.94-	113387	12 2.0
		10.91- 08.96	111353	14 70		AT 01.94- 10.96	111060	12 1.7
		01.94- 12.95	111477	14 90		01.94- 12.94	112167	12 1.8
		12.95- 10.96	111898	14 120				
		12.95- 10.96	111899	14 90				
	[AEN]	11.90- 03.04	113754	14 120		09.95- 12.95	113387	12 2.0
		10.91- 12.95	111353	14 70		AT 01.94- 10.96	111060	12 1.7
		01.94- 12.95	111477	14 90		01.94- 12.94	112167	12 1.8
		12.95- 10.98	111898	14 120				
		12.95- 10.98	111899	14 90				
	[AET]	10.98-	112043	14 90				
		08.96- 08.98	111898	14 120		08.96- 06.03	113387	12 2.0
		08.96- 08.98	111899	14 90		AT 08.96-	111060	12 1.7
	[AEU]	08.96- 06.03	113754	14 120				
		08.98-	112043	14 90				
		11.90- 04.03	111899	14 90		11.90-	111060	12 1.7
		11.90- 04.03	113754	14 120		08.96- 06.03	113387	12 2.0
		08.96- 06.03	111898	14 120				
	[APL]	10.98- 06.03	112043	14 90				
		05.99- 12.99	113754	14 120		05.99- 06.03	113387	12 2.0
		08.96- 08.98	111898	14 120		12.99- 06.03	113387	12 2.0
	[AVT]	08.96- 08.98	111899	14 90		AT 08.96-	111060	12 1.7
		08.98-	112043	14 90				
		12.99- 06.03	113754	14 120				
	[AAF]	11.90- 04.03	111899	14 90		02.03-	113678	12 2.2
11.90- 09.91		112765	14 90 ▲		AT 09.90- 12.93	111060	12 1.7	
11.90- 03.04		113754	14 120		09.90- 12.93	112167	12 1.8	
10.91- 12.93		111353	14 70					
10.91- 12.93		111477	14 90					
Transporter 2.5 T4 Syncro	[ACU]	10.92- 04.03	113754	14 120		01.94- 12.94	112167	12 1.8
		01.94- 10.96	111353	14 70		12.94- 10.96	113387	12 2.0
		01.94- 12.95	111477	14 90				
		12.95- 10.96	111898	14 120				
		12.95- 10.96	111899	14 90				
	[AEN]	09.95- 10.98	111898	14 120		09.95- 12.95	113387	12 2.0
		09.95- 10.98	111899	14 90		AT 10.92- 12.95	111060	12 1.7
		09.95- 12.95	113754	14 120				
		10.98-	112043	14 90				
		07.96- 04.03	111899	14 90				
	[AET]	07.96- 03.04	113754	14 120		07.96- 06.03	113387	12 2.0
		08.96- 10.98	111898	14 120		AT 07.96- 06.03	111060	12 1.7
		10.98-	112043	14 90				
		Chas. 70-X-075001-	07.96- 06.03	112043	14 90			
		Chas. -70-X-075000	07.96- 06.03	111898	14 120			



Application list

VW Continued

	[AEU]	10.92- 11.01	111898	14 120		06.97- 11.01	113387	12 2.0
		10.92- 04.03	111899	14 90		AT 10.92- 08.01	111060	12 1.7
		10.92- 04.03	113754	14 120				
		11.98- 11.01	112043	14 90				
	AC	11.98- 11.01	112043	14 90				
	[APL]	07.96- 04.03	111899	14 90		05.99- 06.03	113387	12 2.0
		07.96- 03.04	113754	14 120				
		05.99- 06.03	112043	14 90				
	[AVT]	07.96- 04.03	111899	14 90		AT 12.99- 06.03	111060	12 1.7
		07.96- 03.04	113754	14 120		12.99- 06.03	113387	12 2.0
		12.99- 06.03	112043	14 90				
	[AAF]	10.92- 04.03	111899	14 90		11.92- 12.93	112167	12 1.8
		10.92- 04.03	113754	14 120				
		11.92- 12.93	111353	14 70				
		11.92- 12.93	111477	14 90				
Transporter 2.5 TD T4	[AJT]	05.98- 10.98	111898	14 120		AT 05.98-	111060	12 1.7
		05.98- 04.03	111899	14 90		05.98- 06.03	113387	12 2.0
		05.98-	112043	14 90		AT 05.98- 04.02	112286	12 1.7
		05.98- 06.03	113754	14 120				
		05.98- 04.03	113884	14 150				
	[AYY]	10.01- 06.03	113754	14 120		10.01- 06.03	113387	12 2.0
		05.98- 04.03	111899	14 90				
		05.98-	112043	14 90				
		05.98- 04.03	113884	14 150				
Transporter 2.5 TDi T4	[ACV]	01.95- 08.98	111898	14 120		AT 01.95- 04.02	112286	12 1.7
		01.95- 08.98	111899	14 90		01.95- 06.03	113387	12 2.0
		01.95- 06.04	113754	14 120		AT 01.95- 06.03	111060	12 1.7
		09.95- 04.03	113884	14 150		09.95-	112167	12 1.8
		01.98- 12.03	113888	14 90				
		08.98-	112043	14 90				
	[AHY]	05.98-	112043	14 90		05.98-	113387	12 2.0
		05.98- 09.00	113754	14 120		05.98- 03.04	116340*	12 2.0
						05.98- 03.04	112444	12 2.0 A49
	[AJT]	05.98- 10.98	111898	14 120		AT 05.98- 04.02	112286	12 1.7
		05.98- 08.98	111899	14 90		05.98- 06.03	113387	12 2.0
		05.98- 06.03	113754	14 120		AT 05.98-	111060	12 1.7
		05.98- 04.03	113884	14 150				
		08.98- 06.03	112043	14 90				
	[AUF]	09.95- 06.04	113754	14 120		AT 05.99- 04.02	112286	12 1.7
		09.95- 04.03	113884	14 150		05.99- 06.03	113387	12 2.0
						AT 05.99- 06.03	111060	12 1.7
	[AXG]	09.00- 06.03	113754	14 120		05.98- 03.04	116340*	12 2.0 A49
		05.98- 06.03	112043	14 90		05.98- 06.03	112444	12 2.0 A49
						09.00- 06.03	113387	12 2.0
	[AYC]	09.95- 06.04	113754	14 120		AT 04.01- 06.03	111060	12 1.7
		09.95- 04.03	113884	14 150		04.01- 06.03	113387	12 2.0
	[AYY]	10.01- 06.04	113754	14 120		05.98- 06.03	113387	12 2.0
		05.98- 08.98	111899	14 90				
		05.98- 04.03	113884	14 150				
		08.98- 06.03	112043	14 90				
Transporter 2.5 TDi T4 Syncro	[ACV]	09.95- 10.98	111898	14 120		01.95- 06.03	113387	12 2.0
		09.95- 08.98	111899	14 90		AT 09.95- 06.03	111060	12 1.7
		09.95- 03.04	113754	14 120		AT 01.95- 04.02	112286	12 1.7
		09.95- 04.03	113884	14 150				
		08.98- 06.03	112043	14 90				
	[AXL]	09.95- 08.98	111899	14 90		AT 03.98- 04.02	112286	12 1.7
		09.95- 03.04	113754	14 120		01.96- 06.03	113387	12 2.0
		09.95- 04.03	113884	14 150		AT 03.98- 06.03	111060	12 1.7
		03.98- 10.98	111898	14 120				
		08.98- 06.03	112043	14 90				
Transporter 2.5 TDi T5	[AXD]	04.03- 11.09	113947	14 180		04.03- 11.09	115507	12 2.2 A49
						04.03-	113678	12 2.2
	[AXE]	04.03-	113947	14 180		04.03-	115507	12 2.2 A49
						04.03-	113678	12 2.2
	[BNZ]	04.03- 11.09	113947	14 180		04.03- 11.09	115507	12 2.2
						04.03- 11.09	113678	12 2.2
	[BPC]	04.03-	113947	14 180		04.03-	115507	12 2.2 A49
						04.03-	113678	12 2.2
Transporter 2.5 TDi T5 4 Motion	[AXD]	07.04-	113947	14 180		07.04-	115507	12 2.2 A49
						07.04-	113678	12 2.2
	[AXE]	04.04-	113947	14 180		04.04-	115507	12 2.2 A49
						04.04-	113678	12 2.2
	[BNZ]	07.04-	113947	14 180		07.04-	115507	12 2.2 A49
						07.04-	113678	12 2.2
	[BPC]	04.04-	113947	14 180		04.04-	115507	12 2.2 A49
						04.04-	113678	12 2.2
Transporter 2.8 V6 T4	[AMV]	04.00- 04.03	113884	14 150		04.00-	112444	12 2.0 A49
		05.00- 06.03	113885	14 150		04.00- 04.03	116340*	12 2.0 A49
						AT 04.00-	111060	12 1.7
Transporter 2.8 VR6 T4	[AES]	11.95- 04.00	112043	14 90		AT 11.95- 04.00	111060	12 1.7
		01.96- 08.98	112709	14 120		11.95- 04.00	113387	12 2.0
		01.96- 05.00	113885	14 150				
	[AMV]	05.00- 06.03	113885	14 150				
Transporter 3.2 V6 T5	[BDL]	04.03-	112002	14 120 A47		04.03-	113841	12 1.7
		04.03-	113884	14 150				
		04.03-	115483	14 120 A49				
	[BKK]	08.03-	112002	14 120 A47		08.03-	113841	12 1.7
		08.03-	113884	14 150				
		08.03-	115483	14 120 A49				
	[CFLA]	08.03-	112002	14 120 A47		08.03-	113841	12 1.7
		08.03-	115483	14 120 A49				
Transporter / Caravelle 2.0 TDi	[CXGC]	05.16-	115826	14 140 A49		05.16-	115336	12 2.2
		05.16-	116195*	14 180				
		05.16-	116359*	14 140				
Transporter IV 1.9 Diesel	[1X]	09.90- 12.95	111154	14 65		09.90- 12.95	112167	12 1.8
		09.90- 12.95	111479	14 90		09.90- 12.95	111749	12 1.1
		09.90- 12.95	112765	14 90		09.90- 12.95	113387	12 2.0



Transporter VI 2.0 TSi	[CJKA]	04.15-	115922	14	140	04.15-	115900	12	1.1	
						04.15-	115561	12	1.7	
	[CJKB]	04.15-	115922	14	140	04.15-	115696	12	1.1	
Transporter VI 2.0 TSi 4motion	[CJKA]	06.15-	115922	14	140	06.15-	115900	12	1.1	
						06.15-	115561	12	1.7	
						06.15-	115696	12	1.1	
Transporter VI 2.0 TDI	[CFCA]	04.15-	115402			04.15-	113841	12	1.7	
		04.15-	115638			04.15-	115402	12	1.8	
		04.15-	115826	14	140	A49	04.15-	115638	12	1.7
		04.15-	116359*	14	140					
	[CXEB]	06.15-	115826	14	140	A49	06.15-	115539	12	2.0
		06.15-	116359*	14	140		06.15-	116156	12	2.0
	[CXFA]	04.15-	115826	14	140	A49				
		04.15-	116359*	14	140					
	[CXGA]	04.15-	115707	14	110		04.15-	115336	12	2.2
	[CXGB]	04.15-	115707	14	110		04.15-	115336	12	2.2
							04.15-	114299	12	1.7
	[CXHA]	04.15-	115826	14	140	A49				
		04.15-	116359*	14	140					
	[CAAA]	04.15-	115707	14	110		04.15-	115336	12	2.2
	[CAAB]	04.15-	115707	14	110		04.15-	115336	12	2.2
						04.15-	114299	12	1.7	
	[CAAC]	04.15-	115707	14	110		04.15-	115638	12	1.7
						04.15-	113841	12	1.7	
						04.15-	115402	12	1.8	
Transporter VI 2.0 TDI 4motion	[CFCA]	06.15-	115826	14	140	A49	06.15-	115638	12	1.7
		06.15-	116359*	14	140		06.15-	113841	12	1.7
							06.15-	115402	12	1.8
	[CXEB]	06.15-	115826	14	140	A49	06.15-	115539	12	2.0
		06.15-	116359*	14	140		06.15-	116156	12	2.0
	[CXFA]	08.15-	115826	14	140	A49				
		08.15-	116359*	14	140					
	[CXHA]	08.15-	115826	14	140	A49				
		08.15-	116359*	14	140					
	[CAAC]	06.15-	115707	14	110		06.15-	115402	12	1.8
						06.15-	113841	12	1.7	
						06.15-	115638	12	1.7	
T-Roc 1.0 TSi	[CHZJ]					07.17-	115818	12	1.1	
T-Roc 1.5 TSi	[DADA]					DKG 11.17-	115944	12	1.7	
						11.17-	116272*	12	1.1	
						11.17-	115560	12	1.7	
T-Roc 2.0 TSi 4motion	[CZPB]	07.17-	116386*							
T-Roc 2.0 TDI 4motion	[DFFA]	09.17-	114322	14	140	09.17-	115402	12	1.8	
Up 1.0	[CHYA]	08.11-	115695	14	110	08.11-	115696	12	1.1	
		A25 08.11-	116232*	14	110					
	[CHYB]	08.11-	115695	14	110	08.11-	115696	12	1.1	
		A25 08.11-	116232*	14	110					
						01.14-	115696	12	1.1	
Up 1.0 GTI	[DKRA]					A25 11.17-	115560	12	1.7	
						11.17-	115696	12	1.1	
Up 1.0 EcoFuel	[CPGA]	11.12-	115695	14	110	11.12-	113773	12	1.1	
		A25 11.12-	116232*	14	110	A25 11.12-	115560	12	1.7	
Vento 1.4	[ABD]	11.91- 07.95	111352	14	70					
		11.91- 07.95	111479	14	90					
	PS	11.91- 07.95	111353	14	70					
	PS	11.91- 07.95	111477	14	90					
	AC	11.91- 09.95	111353	14	70					
	AC	11.91- 07.95	111477	14	90					
	[AEX]	07.95- 12.97	111352	14	70	07.95- 12.97	111748	12	1.1	
		07.95- 12.97	111479	14	90	07.95- 12.97	115504	12	1.1	
	PS	07.95- 12.97	111353	14	70	07.95- 12.97	111909	12	1.1	
	PS	07.95- 12.97	111477	14	90	07.95- 12.97	112236	12	1.8	
Vento 1.6	[ABU]	09.92- 07.95	111352	14	70	09.92- 09.94	112307	12	1.1	
		09.92- 09.94	111479	14	90	10.94- 07.95	111748	12	1.1	
	PS	09.92- 07.95	111353	14	70					
	PS	09.92- 07.95	111477	14	90					
	AC	09.92- 07.95	111353	14	70					
	AC	09.92- 07.95	111477	14	90					
	[AEA]	10.94- 12.97	111352	14	70	10.94- 07.95	112236	12	1.8	
		10.94- 12.97	111479	14	90	10.94- 12.97	115504	12	1.1	
						10.94- 12.97	111748	12	1.1	
						10.94- 12.97	111909	12	1.1	
	[AEE]	07.95- 12.97	111352	14	70	07.95- 12.97	112236	12	1.8	
		07.95- 12.97	111479	14	90	07.95- 12.97	115504	12	1.1	
						07.95- 12.97	111748	12	1.1	
						07.95- 12.97	111909	12	1.1	
	[AEK]	10.94- 12.95	111352	14	70	10.94- 12.95	115504	12	1.1	
		10.94- 12.95	111479	14	90	10.94- 12.95	111909	12	1.1	
	PS	10.94- 12.95	111353	14	70	10.94- 12.95	111748	12	1.1	
	PS	10.94- 12.95	111477	14	90	10.94- 12.95	112236	12	1.8	
AC	10.94- 12.95	111353	14	70						
AC	10.94- 12.95	111477	14	90						
[AFT]	12.95- 12.97	111352	14	70	12.95- 12.97	115504	12	1.1		
	12.95- 12.97	111479	14	90	12.95- 12.97	112236	12	1.8		
PS	12.95- 12.97	111353	14	70	12.95- 12.97	111748	12	1.1		
PS	12.95- 12.97	111477	14	90	12.95- 12.97	111909	12	1.1		
AC	12.95- 12.97	111353	14	70						
AC	12.95- 12.97	111477	14	90						
[CWVA]	05.15-	115695	14	110		05.15-	115696	12	1.1	
						05.15-	113773	12	1.1	
						05.15-	114034	12	1.0	
						05.15-	115560	12	1.7	
Vento 1.8	[ABS]	11.91- 09.94	111352	14	70	11.91- 09.94	111748	12	1.1	
		11.91- 09.94	111479	14	90					
	AC	11.91- 09.94	111353	14	70					
	AC	11.91- 09.94	111477	14	90					



Application list

VW Continued

	[ADZ]	10.94- 12.97	111352	14 70		10.94- 12.97	111748	12 1.1
		10.94- 12.97	111479	14 90		11.91- 09.98	115504	12 1.1 A49
		AC 10.94- 12.97	111353	14 70		11.91- 09.98	111909	12 1.1
		AC 10.94- 12.97	111477	14 90		10.94- 12.97	112236	12 1.8
	[AAM]	11.91- 12.97	111352	14 70		11.91- 12.97	111748	12 1.1
		02.92- 12.97	111479	14 90		11.91- 12.97	115504	12 1.1 A49
		AC 11.91- 12.97	111353	14 70		11.91- 12.97	111909	12 1.1
		AC 11.91- 12.97	111477	14 90		11.91- 12.97	112236	12 1.8
Vento 1.9 Diesel	[1Y]	11.91- 12.97	111352	14 70		11.91- 12.97	112286	12 1.7
		11.91- 12.97	111479	14 90				
		AC 11.91- 12.97	111353	14 70				
		AC 11.91- 12.97	111477	14 90				
Vento 1.9 SDI	[AEY]	01.95- 12.97	111353	14 70		ECO 01.95-	112286	12 1.7
		01.97- 12.97	111477	14 90				
Vento 1.9 TD	[AAZ]	11.91- 12.97	111352	14 70		11.91- 12.97	112286	12 1.7
		11.91- 12.97	111479	14 90				
		AC 11.91- 12.97	111353	14 70				
		AC 11.91- 12.97	111477	14 90				
Vento 1.9 Tdi	[1Z]	09.93- 07.96	111353	14 70		AT 09.93- 07.96	112286	12 1.7
		09.93- 07.96	111477	14 90		07.94- 07.96	115503	12 1.8 A49
		09.93- 07.96	111988	14 120		07.94- 07.96	111900	12 1.8
	[AFN]	02.96-	111353	14 70		02.96-	111900	12 1.8
		02.96-	111477	14 90		02.96- 09.98	112286	12 1.7
		02.96-	111828	14 120		02.96- 09.98	115503	12 1.8 A49
	[AHU]	08.96- 12.97	111353	14 70		08.96- 12.97	111900	12 1.8
		08.96- 12.97	111477	14 90		AT 08.96- 12.97	112286	12 1.7
		08.96- 12.97	111828	14 120		08.96- 12.97	115503	12 1.8 A49
		08.96- 12.97	111988	14 120				
	[ALE]	05.97- 12.97	111353	14 70		05.97- 12.97	111900	12 1.8
		05.97- 12.97	111477	14 90		AT 05.97- 12.97	112286	12 1.7
		05.97- 12.97	111828	14 120		05.97- 12.97	115503	12 1.8 A49
		05.97- 12.97	111988	14 120				
Vento 2.0	[2E]	11.91- 09.94	111352	14 70		08.92-	111749	12 1.1
		11.91- 09.94	111479	14 90		11.91- 09.94	111748	12 1.1
		AC 11.91- 09.94	111353	14 70				
		AC 11.91- 09.94	111477	14 90				
	[ADY]	10.94- 05.96	111352	14 70		02.92-	111749	12 1.1
		10.94- 05.96	111479	14 90		10.94- 05.96	111748	12 1.1
		AC 10.94- 05.96	111353	14 70				
		AC 10.94- 05.96	111477	14 90				
	[AGG]	07.95- 12.97	111352	14 70		02.92-	111749	12 1.1
		07.95- 12.97	111479	14 90		07.95- 12.97	111748	12 1.1
		AC 07.95- 12.97	111353	14 70				
		AC 07.95- 12.97	111477	14 90				
	[AKR]	05.97- 12.97	111352	14 70		02.92-	111749	12 1.1
		05.97- 12.97	111479	14 90		05.97- 12.97	111748	12 1.1
		AC 05.97- 12.97	111353	14 70				
		AC 05.97- 12.97	111477	14 90				
Vento 2.8 VR6	[AAA]	01.92- 12.94	111991	14 120		01.92- 12.97	112166	12 1.7
		01.95-	112709	14 120		AT 01.92- 12.97	112286	12 1.7
TRUCKS EU								
8.100 4.3						03.97- 02.00	113346	12 0.8
8.140 4.3						03.94- 02.02	113346	12 0.8
Weichai								
MARINE								
WD615							114327	24 5.5
MOTORS								
WD615							114327	24 5.5
Yale								
FORK LIFTS								
Various Models 4.3	[GM Vortec]						115985	12 1.6
Various Models	[DBFE]		111495	14 40			111005	12 0.8
	[DBHA]		111495	14 40			111273	12 2.7
	[FE]		111495	14 40				
	[HA]		111495	14 40			111273	12 2.7
	[XA]		111495	14 40			111273	12 2.7
							113172	12 2.0
							110182	12 0.9
							113985	12 2.7
							114394	12 2.2
Yamaha								
MOTOR BIKES								
Various Models							113545	12 0.4
							116127	12 A49
							111917	12
							113546	12
XV700 0.7						01.84- 01.85	113540	12
XV750 0.7						01.81- 01.83	113540	12
XV920 0.9						01.81- 01.83	113540	12
MARINE								
115						01.84- 01.95	111766	12 1.1
130						01.88- 01.96	111766	12 1.1
150						01.85- 01.96	111766	12 1.1
175						01.85- 01.96	111766	12 1.1
200						01.84- 01.96	111766	12 1.1
C 115						01.91- 01.96	111766	12 1.1
C 150						01.96- 01.96	111766	12 1.1
ESX1200						01.89- 01.99	112011	12 0.6
EXT1100						01.96- 01.98	112011	12 0.6
EXT1200						01.98- 01.99	112011	12 0.6
F 50						01.96- 01.02	111766	12 1.1
F40						01.99- 01.99	111766	12 1.1
FX700 0.7							116127	12
						01.94- 01.95	111917	12
GP1200 1.2						01.97- 01.02	112011	12 0.6
GP1300 1.3						01.03- 01.05	112011	12 0.6
GP800 0.8						01.98- 01.05	112011	12 0.6



L 130				01.89- 01.96	111766	12	1.1	
L 150				01.86- 01.96	111766	12	1.1	
L 200				01.86- 01.96	111766	12	1.1	
LST1200				01.99- 01.05	112011	12	0.6	
P 115				01.93- 01.96	111766	12	1.1	
P 150				01.91- 01.96	111766	12	1.1	
P 175				01.94- 01.96	111766	12	1.1	
RA1100 1.1				01.95- 01.96	112011	12	0.6	
RA700 0.7					116127	12		
				01.94- 01.97	111917	12		
S 115				01.96- 01.96	111766	12	1.1	
S 130				01.96- 01.96	111766	12	1.1	
S 150				01.96- 01.96	111766	12	1.1	
S 175				01.96- 01.96	111766	12	1.1	
S 200				01.96- 01.96	111766	12	1.1	
SJ650 0.65					116127	12		
				01.90- 01.93	111917	12		
SJ700 0.7					116127	12	A49	
				01.94- 01.05	111917	12		
SUV1200 1.2				01.99- 01.04	112011	12	0.6	
T 50				01.96- 01.02	111766	12	1.1	
Various Types				01.91-	114687	12		
WB700 0.7					116127	12	A49	
				01.93- 01.96	111917	12		
WRA650 0.65					116127	12	A49	
				01.90- 01.96	111917	12		
WRA700 0.7					116127	12	A49	
				01.94- 01.97	111917	12		
WVT1100 1.1				01.96- 01.97	112011	12	0.6	
WVT700 0.7					116127	12	A49	
				01.95- 01.98	111917	12		
XL1200 1.2				01.98- 01.00	112011	12	0.6	
XL700 0.7					116127	12	A49	
				01.99- 01.04	111917	12		
XL800 0.8				01.00- 01.01	112011	12	0.6	
XLT1200 1.2				01.01- 01.05	112011	12	0.6	
XLT800 0.8				01.02- 01.04	112011	12	0.6	
XRT1200				01.00- 01.01	112011	12	0.6	
Yanmar								
AGRICULTURE								
Cub Cadet SC2400 0.9	[Yanmar]				116016	12	1.2	
Various Models	[2TR16, 2TR19]				115981	12	2.5	
	[Perkins]				115991	12	1.2	
					116112	12	2.5	
YM1300	[2T73]			01.77-	113680	12	0.9	
	[2TR13]				112674	12	1.3	
YM1500	[2TR13]				112674	12	1.3	
FORK LIFTS								
4DE94E	[4TNE94]	114209	14	60				
MARINE								
1GM				01.80-	111706	12	1.0	
2GM		113793	14	55	111706	12	1.0	
2T80L	[2T80L]				113924	12	1.4	
3GM		113793	14	55	111706	12	1.0	
3JH					113408	12	1.4	
3T84C	[3T84C]				113924	12	1.4	
3TN66				10.95- 01.98	112373	12	0.9	
3TN68				10.95- 01.98	112373	12	0.9	
4JH		113793	14	55	113408	12	1.4	
					110485	12	1.4	
					113924	12	1.4	
4JH3		114672	14	60				
4LH		113793	14	55	112374	12	2.5	
		112375	14	80				
6LP		113715	14	80	01.97-	113207	12	2.8
Various Models 1.4	[F115TJR]	112112	14	70	01.05-	116115	12	0.8 DD
					01.85- 01.96	111766	12	1.1
					01.97-	113207	12	2.8
Various Models	[2QM15]				112674	12	1.3	
	[2T73]				112674	12	1.3	
	[2TM15]				112674	12	1.3	
	[OM15]				112674	12	1.3	
					112674	12	1.3	
					116112	12	2.5	
INDUSTRI								
4TNE106 Diesel	[4TNE106]				114098	12	3.0	
MOTORS								
486	[TK 4.86]	113716	14	120				
2TN66E 3TNA72		01.91- 12.05	110620	14	35			
4TNV98	[4TNV98]				114874	12	3.0	
4TNV98T	[4TNV98T]				114874	12	3.0	
GA220 - GA340					116115	12	0.8 DD	
					112478	12	0.8 GR	
Various Models	[2QM20]	112112	14	70				
	[3T-7A-7]				01.84-	111087	12	1.0
	[3TNV82]				01.05-	114281	12	1.7
	[4TNE84]	113742	14	40	01.98-	112676	12	2.2
					116115	12	0.8 DD	
					112478	12	0.8 GR	
					113690	12	1.0 DD	
Various Models	[3T72]				110417	12	1.3	
	[3TG66]	112671	14	60	116144	12	3.0	
		113401	14	40	112672	12	3.0 A49	
	[3TG72]	112671	14	60				
		113401	14	40				
	[3TNA72]				110417	12	1.3	
					113680	12	0.9	

STARTERS & ALTERNATORS



7321	01.97-	110621	14	55	01.92-	116134	12	3.0	A49
		112035	14	70	01.92-	110545	12	3.0	
7340	01.92-	110621	14	55	01.97-	114254	12	2.7	GR
	01.92-	112035	14	70	01.92-	116134	12	3.0	A49
7341	01.97-	110621	14	55	01.92-	110545	12	3.0	
		112035	14	70	01.97-	114254	12	2.7	GR
7520	01.91- 01.98	110621	14	55	01.97-	116134	12	3.0	A49
	01.91-	112035	14	70	01.97-	110545	12	3.0	
7540	01.91- 01.98	110621	14	55	01.92-	114254	12	2.7	GR
	01.91-	112035	14	70	01.97-	116134	12	3.0	A49
7711	01.91-	110621	14	55	01.97-	110545	12	3.0	
7745 3.9	01.91-	110621	14	55	01.88- 01.03	116134	12	3.0	A49
					01.88- 01.03	110545	12	3.0	
8111					01.86- 01.90	114254	12	2.7	GR
8145					01.75- 01.80	110551	12	3.0	
8245					01.75- 01.80	110551	12	3.0	
8520	01.97-	110621	14	55					
		112035	14	70					
8540	01.97-	110621	14	55					
		112035	14	70					
9211 4.2					01.75- 01.80	110551	12	3.0	
9245 4.2					01.75- 01.80	110551	12	3.0	
9520	01.91- 01.00	110621	14	55					
		112035	14	70					
9540	01.91- 01.00	110621	14	55					
		112035	14	70					
10011					06.75- 01.80	110551	12	3.0	
10045					06.75- 01.80	110551	12	3.0	
10111					06.73- 01.80	110551	12	3.0	
10145 4.6					01.75- 01.80	110551	12	3.0	
10211					06.75- 01.80	110551	12	3.0	
10245					01.75- 01.80	110551	12	3.0	
10540	01.95-	110621	14	55					
		112035	14	70					
Various Models		110621	14	55					
ZIL									
TRUCKS EU									
5301 4.7	[D245.12]				06.96-	113356	24	3.5	
ZTS Tees									
INDUSTRI									
Various Models		110621	14	55					

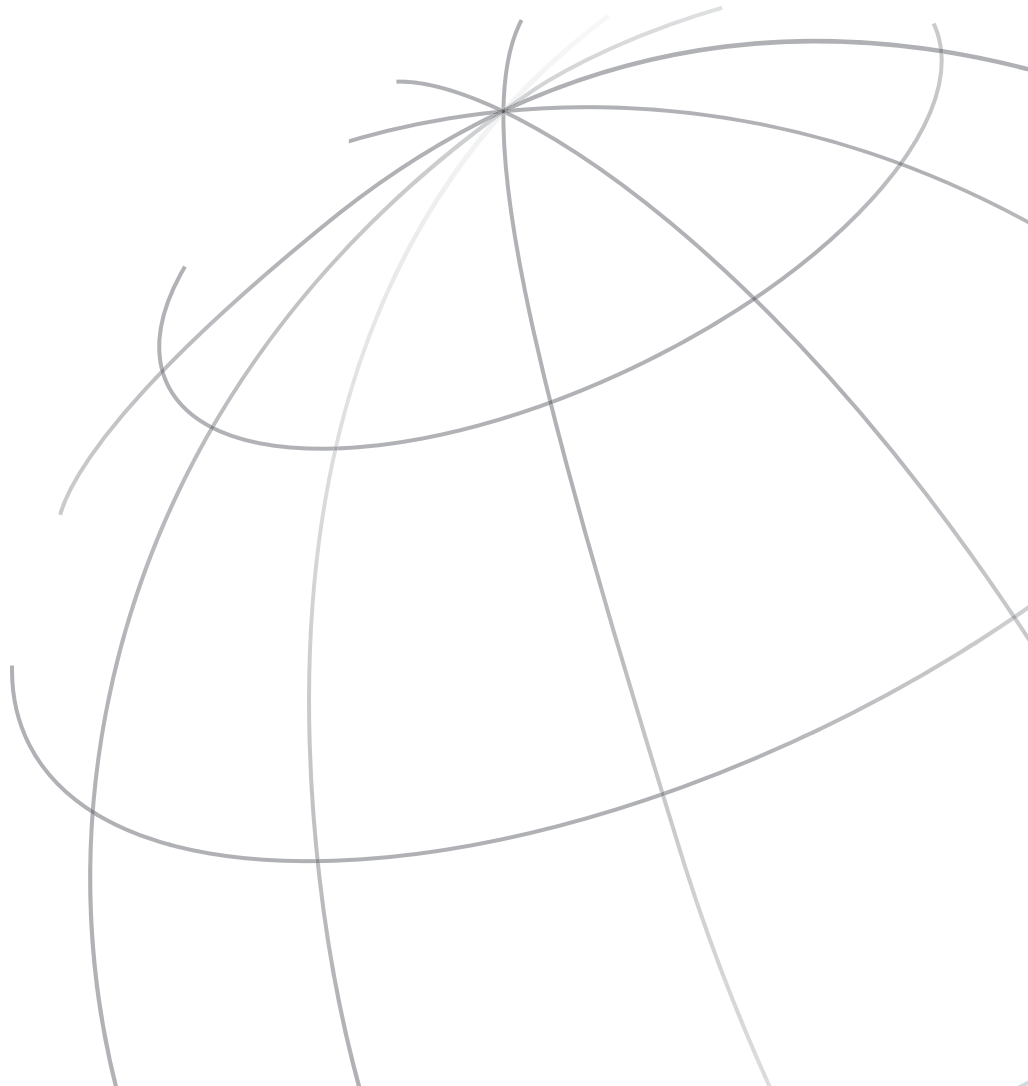




Cross reference list

OE no. - HC-CARGO no.

Edition 2020-2022



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER							
10103	110536	101186	115442	101331	112055	101431	114159
10103	116139	101187	112430	101332	113897	101433	114820
10103	116312	101188	112431	101333	113608	101435	114317
101030	110538	101192	112382	101334	113843	101436	113819
101031	110539	101193	112474	101335	113430	101438	114298
101032	110819	101196	112434	101336	113910	101439	113964
101034	110932	101197	112435	101337	114174	101440	114316
101035	111047	101198	112436	101338	114525	101441	114778
101036	111490	10120	110524	101339	114837	101442	114180
101037	113752	101200	112438	101340	114106	101444	114061
101038	111585	101201	112439	101341	113908	101445	114295
101040	110214	101202	112440	101341	116062	101446	114732
101042	111685	101203	112441	101342	113926	101448	114853
101044	111851	101203	115505	101343	111909	101449	114054
101045	113430	101204	112388	101344	113929	101449	115516
101047	112236	101205	112442	101345	114035	101450	114886
101048	111908	101205	116130	101346	113719	101451	114310
101049	111865	101206	115951	101346	115869	101451	115888
101050	111906	101207	112475	101347	113773	101452	114487
101053	111685	101209	112444	101348	113676	101453	114068
101057	111641	10121	110212	101348	115883	101454	114283
101058	112340	101210	111849	101376	112442	101455	113629
101059	111619	101212	112379	101376	116130	101456	115637
10106	112660	101213	112445	101377	113911	101457	115627
101060	113605	101241	114051	101377	116157	101458	114389
101061	111910	101242	113662	101378	114723	101459	113638
101062	111909	101243	112446	101379	113962	101460	114217
101062	115504	101243	116135	101380	113934	101461	115360
101063	111823	101245	112821	101381	111982	101463	113851
101065	112546	101245	115870	101382	113760	101463	115885
101067	111911	101246	113794	101383	112822	101464	113466
101069	111885	101248	113277	101383	115880	101465	114892
101070	112340	101249	113282	101384	113756	101466	114689
101071	111724	101252	113930	101384	116303	101467	115335
101073	112173	101253	113281	101385	114095	101467	116059
101074	111769	101254	113286	101386	113672	101468	115642
101075	111347	101255	114814	101386	115881	101469	115639
101077	111771	101256	113292	101387	114171	101470	115611
10109	110439	101257	113276	101388	113830	101473	114072
101106	111334	101258	111699	101388	115884	101487	115538
101107	112235	10126	111100	101389	113935	1018	111102
101109	112026	101260	113254	10139	110352	10181	110831
101111	111994	101264	113931	101390	115523	10186	110525
101112	114523	101265	113925	101391	114030	10188	110368
101112	115514	101266	114160	101392	114096	1019	111103
101114	111995	101267	113759	101393	114062	10191	110206
101115	112014	101268	112498	101394	114179	10194	110512
101117	111931	101269	113609	101395	114341	10195	110531
101118	111996	101271	113303	101396	114119	10198	110206
101119	112005	101273	113927	101397	114173	10200	110462
101123	111793	101274	112581	101398	114315	10200	116137
101125	114123	101275	113905	101399	113891	10201	110565
101126	112074	101276	113932	10140	111054	10231	110517
101129	112055	101279	113979	101400	113859	10240	110529
10113	110775	101280	113353	101401	115947	10269	111640
101130	112071	101281	112474	101403	113906	10272	110996
101130	112555	101282	113515	101405	113678	10276	110864
10114	110536	101283	113513	101406	114091	10282	111010
10114	116139	101285	114033	101407	113963	10290	110839
10114	116312	101286	113509	101408	114092	10292	111489
10115	110858	101287	112286	101409	115333	10295	111060
101160	112103	101288	114161	101410	114093	10297	110865
101161	112116	101289	114162	101411	114094	10298	111061
101162	112440	10129	110793	101412	114740	10310	110585
101165	112221	101290	115354	101413	114297	10313	110996
101169	112224	101291	114124	101414	114178	10315	110367
101171	113446	101292	112823	101415	114074	10317	111063
101173	111332	101292	115872	101416	114854	10322	110839
101174	112218	101293	113842	101417	113960	10325	110867
101175	112301	101293	115508	101418	115341	10326	110587
101176	113677	101294	114163	101419	115398	10327	111347
101177	111070	101322	114175	10142	111068	10328	110842
101179	113761	101323	113841	101420	114073	10329	111269
101180	114233	101324	114176	101421	113959	10330	111030
101181	112429	101325	113673	101422	113860	10331	111065
101182	112304	101325	115882	101423	114177	10331	112440
101183	111123	101327	116039	101424	114232	10335	110530
101184	112041	101328	114127	101425	114057	10336	110465
101185	111855	101328	116160	101427	115327	10337	112251
101185	116128	101329	113933	101428	114058	10338	112541
		101330	114034	101430	115641	10339	110465

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
10341	112290	10617	110981	10977	112251	201306	114763
10342	111070	10618	111748	1098	110214	201307	114199
10344	110365	10619	111749	10981	111420	201308	114125
10345	113380	1062	110363	10983	111231	201310	114060
10347	111112	10620	112166	10984	113446	201311	113659
10350	112537	10623	112136	10986	111680	201314	113928
10354	112295	10624	111694	10987	110818	201317	113795
10355	111068	10680	112818	10988	111904	201319	115349
10356	110844	10681	111251	10989	111399	201320	115950
10358	111069	10683	113847	1099	110205	201321	113965
10360	111851	10684	112295	10991	111404	201349	113796
10361	111115	10688	111231	10993	111398	201350	113601
10370	113134	10689	111693	10994	111346	201351	113445
10371	111025	10693	110443	10995	111304	201352	113702
10372	110847	10694	110449	10996	110530	201354	113195
10373	111070	10695	110450	10997	110440	201355	113937
10374	111619	10699	110980	201000	110808	201356	112373
10377	111400	10700	110566	201005	111525	201358	114071
10378	112533	10701	110459	201006	111349	201359	114108
10383	110534	10703	110615	201007	111275	201360	114816
10384	110535	10703	111737	201009	111272	201361	115553
10386	111120	10704	110640	201010	111254	201362	114056
10388	111637	10705	110818	201011	111273	201363	114037
10389	111489	10706	111755	201014	110947	201364	115362
10390	110584	10710	110208	201016	113644	201365	113797
10390	116306	10713	112286	201021	111679	201366	111552
10391	111638	10714	111030	201022	111442	201367	115361
10394	110518	10715	113443	201023	113665	201368	115328
10395	111755	10716	110368	201024	113649	201369	114216
10398	113467	10718	111001	201087	110616	20300	110142
10500	115540	10719	112235	201088	111874	20302	110144
10501	113464	10724	113910	201089	112336	20303	110277
10502	1110582	10725	112309	201090	113936	20304	110278
10503	111752	10726	112132	201091	111690	20305	110279
10506	110208	1076	110772	201094	111728	20306	110280
10510	113846	10783	111047	201096	111730	20311	110249
10511	112135	10784	113481	201098	114885	20325	110149
10514	112455	10788	113750	201100	111459	20329	110256
10515	112172	10789	112286	201102	111300	20330	110421
10516	114118	10790	112235	201103	111785	20335	110152
10519	111123	10792	112553	201105	111984	20336	110154
10526	110213	10795	113381	201135	112006	20340	110156
10530	110523	10796	111422	201136	111970	20342	110158
10535	111127	10798	111214	201139	111971	20343	110155
10542	111029	10799	110551	201140	111912	20344	110809
10546	110209	10801	113387	201144	113108	20349	110158
10548	111694	10804	111004	201145	111706	20350	110158
10550	111332	10805	111003	201146	112215	20359	110386
10554	111421	10807	111015	201147	112217	20365	110389
10554	116327	10808	111097	201149	113361	20379	110386
10561	111214	10879	111848	201150	112214	20380	110394
10562	111030	10880	112307	201152	111442	20382	110396
10564	110532	10881	112119	201153	112300	20383	110396
10565	110533	10883	112124	201154	113757	20385	110397
10566	111130	10885	112053	201155	113938	20387	110402
10569	112321	10886	111508	201156	115407	20392	110708
10572	110813	10887	112555	201158	112320	20394	111475
10575	112295	10889	112267	201159	112365	20396	110479
10576	113389	1090	110365	201214	111805	20512	111310
10581	110584	1091	110338	201215	110249	20517	111805
10581	116306	1094	110856	201218	112367	20522	110719
10584	110854	10944	110545	201219	112368	20525	110709
10587	111865	10946	110442	201221	112370	20539	110575
10588	113745	10947	110444	201223	114889	20540	111558
10589	111865	10948	110460	201224	113314	20552	111683
10590	110441	10949	110464	201226	113267	20560	110713
10592	111131	1095	110367	201227	113445	20568	114318
10594	114460	10951	110537	201229	114502	20628	110811
10595	113468	10954	111219	201231	113119	20630	111561
10597	112306	10955	111218	201233	113314	20632	111544
10598	112167	10956	111217	201234	113329	20633	110807
10599	112052	10957	113705	201235	113319	20639	111559
10601	112131	10958	113705	201236	113271	20640	110808
10604	110545	10960	111906	201239	110485	20642	111387
10607	113465	10961	111374	201295	113323	20643	110958
10608	113466	10962	112116	201296	114059	20645	111442
10610	113346	1097	110527	201298	113327	20648	112214
10611	112454	10971	113701	201299	113313	20650	111445
10612	112321	10973	112436	201303	112322	20651	111136
10613	112290	10974	111900	201304	113521	20658	111241
10614	112131	10976	113674	201305	115522	20660	110574

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>							
20666	110581	254016	112672	254191	112670	254376	113897
20669	110411	254016	116144	254193	113655	254378	115778
20670	111451	254017	115981	254194	113654	254382	114050
20671	111552	254019	113181	254195	113480	254385	113171
20672	111303	254020	114053	254196	114020	254389	112169
20673	110421	254022	110538	254198	110552	254390	115974
20674	110182	254028	114265	254202	114274	254393	114764
20675	110245	254030	113974	254203	111221	254394	113977
20676	110246	254031	114237	254204	114196	254398	114446
20678	111299	254032	116112	254205	114294	254399	112232
20679	110573	254033	112374	254209	113204	254400	113702
20728	110415	254034	111212	254213	114327	254401	115593
20729	110417	254036	112478	254214	113435	254401	115887
20730	110447	254036	116115	254219	112268	254402	113725
20731	113924	254039	114394	254222	114343	254409	114661
20733	110490	254041	113132	254224	113129	254411	110485
20734	110720	254042	113551	254228	112652	254413	114878
20735	110941	254044	114711	254229	112494	254419	115330
20737	110552	254050	112474	254230	111839	254420	113901
20739	110555	254051	112291	254231	110604	254422	114332
20739	114164	254053	112268	254234	113613	254429	112488
20741	113203	254055	114260	254236	112963	254430	115375
20745	110568	254056	112036	254238	112897	254437	113732
20746	110580	254057	114032	254246	112563	254439	111041
20748	110723	254062	113398	254249	113184	254445	113671
20751	110256	254065	111931	254252	114313	254449	113194
20753	111274	254066	114685	254253	113239	254457	114309
20754	111023	254068	112374	254254	114343	254458	111559
20755	110142	254070	111247	254258	114268	254461	114276
20758	111385	254072	112249	254259	113725	254463	110820
20759	111312	254075	113984	254263	114266	254464	112083
20760	111455	254076	113706	254265	114397	254467	116286
20764	110411	254089	110519	254267	114168	254471	114729
20766	111459	254090	114169	254270	113428	254472	114183
20769	111461	254091	113931	254271	114401	254475	113995
20770	111476	254096	112497	254272	115428	254476	112246
20772	111728	254097	112390	254273	113020	254477	113206
20774	111564	254098	111272	254275	116041	254478	112600
20776	110820	254100	114762	254277	114482	254479	113821
20777	111913	254103	111573	254278	113669	254481	114710
20778	111098	254108	112249	254279	112371	254482	113545
20779	111108	254111	111300	254283	116045	254483	114224
20780	111197	254116	111374	254284	113532	254484	114013
20892	111565	254117	113723	254285	114319	254488	114761
20895	110933	254118	112546	254286	114123	254489	113900
20896	110938	254120	114738	254291	114477	254491	115323
20897	110940	254123	114398	254294	115674	254492	112502
20901	111088	254124	114098	254296	114279	254495	110941
20904	110616	254129	114021	254300	112277	254497	114479
20905	110617	254133	114340	254301	114259	254504	113539
20906	110961	254136	112676	254303	110947	254510	113596
20907	111005	254137	112494	254305	114690	254513	114748
20908	111021	254138	113191	254307	114029	254514	114299
20909	111087	254141	115535	254308	114220	254517	114444
20910	110962	254142	113044	254308	116132	254520	114482
20912	111463	254143	113231	254309	114447	254521	113182
20915	110572	254144	111335	254314	113207	254524	114891
20918	111455	254145	114719	254317	113905	254525	115468
20923	111307	254147	114676	254320	110212	254526	111683
20924	111382	254148	114304	254321	110522	254527	115420
20925	113040	254150	116040	254322	112507	254533	114001
20929	110942	254151	112547	254328	112120	254536	114170
20930	110944	254155	114198	254329	115968	254537	114818
20931	111224	254156	113727	254331	115982	254542	114308
20932	110245	254157	112489	254334	112342	254553	115559
20933	111189	254160	113675	254336	113205	254553	116054
20939	111485	254163	113618	254338	114526	254556	115376
20941	111534	254165	114055	254339	110485	254558	115336
20942	111492	254166	114885	254344	114185	254560	114264
20999	111559	254167	111793	254348	114693	254561	113663
254001	112534	254169	114052	254352	113642	254564	114659
254002	113408	254171	110529	254358	114107	254566	110212
254003	112034	254172	110521	254358	114388	254567	112171
254005	112172	254178	114280	254358	116308	254570	114402
254006	114741	254179	112074	254361	113435	254571	112312
254007	112039	254180	113983	254364	113478	254572	114267
254008	110520	254182	114071	254366	114195	254576	111020
254009	114197	254184	112178	254368	114695	254577	114474
254010	113268	254185	113696	254371	114069	254588	114395
254013	113980	254189	113695	254373	114775	254596	114819
254015	114744	254191	112037	254374	115312	254598	113797

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
254599	113459	254884	114676	255168	115389	301044RI	111369
254604	115402	254887	114330	255172	115992	301045RI	111732
254605	114692	254893	111804	255177	112039	301047RI	111009
254606	115961	254895	110572	255178	115558	301048RI	111226
254607	112496	254899	114375	255179	115840	301049RI	111631
254609	114886	254900	112831	255183	115945	301050RI	111569
254611	114277	254901	113854	255191	115312	301051RI	111514
254615	115977	254903	114823	255203	114718	301052RI	113604
254617	113932	254905	110485	255206	112255	301053RI	111426
254618	112900	254908	115339	255209	116082	301056RI	112557
254620	112646	254911	112091	255212	115962	301057RI	112530
254621	116024	254917	110576	255213	116083	301062RI	112529
254625	116002	254919	115406	255221	111332	301062RI	116129
254626	111752	254920	113476	255226	114333	301064RI	112687
254627	112674	254929	114261	255231	114886	301065RI	112688
254628	115314	254932	115717	255235	115555	301068RI	113531
254633	115400	254937	111921	255238	114196	301070RI	111514
254639	113453	254938	111922	255242	112507	301075RI	113832
254641	114507	254941	111926	255243	115524	301082RI	111216
254642	114178	254942	111927	255251	114687	301083RI	112325
254644	114449	254944	113538	255252	116087	301084RI	111416
254645	111917	254945	112010	255254	111918	301085RI	112698
254645	116127	254948	113546	255255	113659	301086RI	112298
254646	114849	254951	114182	255259	114872	301087RI	113447
254647	115337	254952	114520	255259	115875	301088RI	112557
254648	115635	254956	113853	255262	115465	301089RI	111988
254649	110245	254957	112313	255269	112498	301090RI	113442
254650	113593	254958	112651	255270	115607	301096RI	112557
254653	110580	254960	113459	255271	111552	301098RI	112703
254655	114833	254963	111982	255276	115636	301103RI	111514
254657	114742	254969	112150	255278	115768	30112	110743
254660	116072	254973	113017	255306	112649	301136RI	113832
254662	112544	254974	114075	255308	115986	301139RI	111478
254681	114307	254977	113843	255309	113746	301141RI	113758
254690	115401	254988	115397	255311	114475	301142RI	112709
254696	114486	254990	114396	255318	110154	301143RI	113885
254698	114305	254997	110573	255319	115539	301148RI	111886
254699	114818	254999	114399	255319	116156	30115	110743
254709	111097	255000	114483	255320	116092	301150RI	111788
254710	111222	255005	112276	255321	116051	301152RI	111318
254714	113429	255006	114674	255328	114166	301154RI	111505
254718	115589	255009	113116	255334	113672	301155RI	111893
254719	116065	255010	111764	255334	115881	301157RI	111498
254725	115338	255016	114282	255340	115732	301160RI	111413
254731	116004	255022	114326	255341	113959	30118	111141
254735	115572	255023	114686	255341	115510	301189RI	113939
254736	111766	255024	114376	255345	115830	301191RI	112021
254746	111683	255025	115325	255348	115736	301192RI	111397
254747	114760	255026	111041	255359	114888	301193RI	111295
254751	116046	255031	114223	255361	111915	301196RI	111689
254753	110536	255035	115322	255363	114167	301197RI	111888
254753	116139	255040	112475	255366	114833	301198RI	111843
254754	115769	255041	115571	255369	116078	30120	110611
254756	115755	255048	113821	255378	111840	301201RI	112112
254758	115597	255052	114320	255379	111765	301202RI	113186
254763	113456	255053	114675	255383	114480	301206RI	111850
254767	112173	255057	110436	255385	114330	301208RI	111409
254767	115472	255060	113924	255395	116151	301217RI	112121
254781	115599	255068	112846	255405	116050	30121RI	110877
254792	113821	255070	115334	255412	115590	301220RI	111689
254795	110818	255073	112145	255416	115591	301223RI	113942
254797	114746	255074	112440	255421	111552	301224RI	112343
254798	115588	255083	114003	255424	110536	301227RI	111362
254804	112905	255085	115448	255424	116086	301228RI	111899
254807	114226	255089	113211	255424	116139	301229RI	111898
254811	115997	255105	113484	255428	111304	301236RI	111833
254812	115998	255106	112830	255435	114893	301236RI	116063
254819	113172	255120	111273	255446	113594	301237RI	111842
254821	114275	255121	116000	255488	112546	301240RI	111820
254824	110412	255125	115376	255650B	110210	301242RI	112098
254830	114527	255126	112566	255711V	116276	301247RI	113868
254834	115616	255129	113114	301027RI	113632	301248RI	113770
254848	114742	255131	113893	301031RI	111623	301249RI	111353
254850	114443	255132	115729	301031RI	111742	30124RI	110911
254853	115570	255133	110626	301031RI	115890	301253RI	112165
254854	113169	255136	112233	301034RI	112151	301257RI	111824
254855	116085	255139	112041	301035RI	112159	301258RI	111802
254856	113570	255143	115991	301036RI	112679	301260RI	111828
254863	113269	255150	113597	301038RI	112287	301263RI	111353
254876	112243	255163	112912	301039RI	112681	301264RI	111988
254882	113392	255165	114519	301043RI	113485	301265RI	111820

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>							
301269RI	111820	301488RI	112203	301665RI	113246	301825RI	113858
30126RI	111289	301489RI	113889	301665RI	113405	301827RI	113837
30127RI	111035	301490RI	113879	301666RI	113351	301829RI	114656
301297RI	111884	301491RI	113489	301667RI	112343	301831RI	113949
301298RI	113577	301493RI	112062	301673RI	113272	301833RI	114431
301299RI	111883	301494RI	112722	301674RI	113755	301834RI	113849
301300RI	111902	301496RI	113603	301675RI	113253	301834RI	116294
301303RI	111719	301498RI	113405	301676RI	114147	301836RI	112002
301304RI	111718	301499RI	113575	301677RI	113771	301837RI	114765
301305RI	111723	301500RI	113486	301678RI	113252	301838RI	113772
301306RI	111722	301501RI	113879	301680RI	113251	301839RI	114120
301309RI	112679	301502RI	113340	301681RI	113246	30184	110906
301310RI	111720	301504RI	112273	301683RI	113273	301840RI	115383
301316RI	112939	301505RI	113448	301684RI	113280	301843RI	111411
301317RI	111797	301509RI	112460	301689RI	113300	301844RI	114899
301318RI	111756	301511RI	112075	301690RI	111289	301845RI	113489
30131RI	110350	301512RI	113887	301691RI	110891	301846RI	113951
301325RI	112193	301540RI	112396	301694RI	113284	301847RI	114008
301335RI	111978	301541RI	112397	301694RI	115491	301849RI	111686
301336RI	111987	301542RI	112274	301695RI	113295	301851RI	114028
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301346RI	111355	301546RI	112399	301698RI	113336	301855RI	113720
301350RI	115476	301550RI	110497	301699RI	113188	301855RI	116064
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301378RI	111989	301556RI	112406	301700RI	113279	301857RI	113710
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301385RI	111846	301558RI	113943	301729RI	113874	301859RI	113953
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301387RI	111948	30155RI	111834	301734RI	112384	301862RIV	113722
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301391RI	111990	301569RI	112413	301739RI	113351	301863RI	114353
301393RI	111842	301572RI	112458	301740RI	113352	301864RI	113978
301394RI	112002	301577RI	112415	301741RI	115438	301865RI	113922
301394RI	115483	301580RI	112413	301742RI	113535	301866RI	114131
301395RI	111890	301581RI	112416	301743RI	113536	301867RI	114200
301396RI	111846	301583RI	112467	301745RI	113498	301869RI	114258
301398RI	111946	301584RI	112468	301746RI	113510	30186RI	111141
301399RI	111991	301585RI	112418	301747RI	111824	301871RI	114016
30139RI	110913	301586RI	112419	301749RI	116173	301872RI	113302
301400RI	111947	301587RI	113888	301750RI	113406	301873RI	114130
301402RI	112043	301588RI	113751	301752RI	113877	301873RI	116069
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301433RI	112046	301591RI	112193	301755RI	113253	301875RI	115418
301434RI	112057	301592RI	113352	301756RI	113407	301876RI	114354
301436RI	112075	301593RI	112561	301757RI	113881	301877RI	114700
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301441RI	112079	301624RI	112424	30175RI	111071	301881RI	114673
301442RI	112058	301625RI	114025	301760RI	113599	301882RI	114431
301443RI	112078	301627RI	112471	301761RI	113640	301883RI	114212
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301446RI	112079	301630RI	112197	301765RI	115619	301885RI	114204
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301448RI	112097	301632RI	112426	301769RI	116172	301887RI	115382
301450RI	112098	301633RI	112427	301771RI	115711	301889RI	114311
301455RI	110622	301633RI	115871	301773RI	114781	301890RI	113904
301456RI	112189	301634RI	112428	301774RI	113871	301904RI	114720
301457RI	110497	301635RI	113708	301776RI	114836	301905RI	113896
301458RI	110577	301636RI	113298	301777RI	113912	301905RI	116158
301459RI	110968	301637RI	113403	301777RI	116362	301907RI	115416
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301466RI	110975	30163RI	111139	301780RI	114129	301910RI	114831
301467RI	110976	301640RI	112648	301781RI	113950	301911RI	115856
301468RI	110977	301641RI	113404	301782RI	113992	301912RI	114109
301469RI	111204	301642RI	113404	30180	110766	301913RI	114705
301470RI	112144	301643RI	113247	301810RI	115370	301914RI	115541
301471RI	112190	301644RI	113275	301811RI	114722	301915RI	114705
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301475RI	112142	301650RI	114861	301816RI	113874	301920RI	114859
301477RI	112194	301652RI	112457	301817RI	114769	301921RI	113861
301479RI	110976	301653RI	112458	301818RI	115621	301922RI	114064
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301481RI	112197	301660RI	113871	301820RI	113947	301926RI	114065
301483RI	112143	301661RI	113245	301822RI	112557	301927RI	114857
301484RI	112199	301663RI	113289	301823RI	113945	301928RI	113958
301485RI	112190	301664RI	113283	301824RI	114122	301928RI	115499

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
301930RI	114291	302037RI	114680	30615RI	112056	401126RI	111375
301931RI	114083	30212RI	112097	30616RI	111662	401133RI	111587
301932RI	113405	30226RI	111289	30616RI	116131	401134RI	111468
301933RI	113862	30227RI	111834	30618RI	110619	40113RI	110927
301934RI	114451	30238RI	110881	30619RI	111287	401162RI	111812
301935RI	115308	30240RI	111146	3061RI	110968	401166RI	111507
301936RI	115857	30242RI	110919	3062	112098	401169RI	111710
301937RI	114408	30252RI	111035	30627RI	111738	40116RI	112270
301939RI	114314	30254RI	111148	30631RI	112768	401170RI	111018
301940RI	114492	30255RI	110882	30635RI	112769	401171RI	111493
301941RI	114250	30263RI	111149	30637RI	112292	401172RI	111515
301943RI	114245	30290RI	113378	30638RI	112230	401178RI	111518
301945RI	114768	30291RI	111075	30639RI	114026	401179RI	111872
301946RI	114803	30292	110542	30642RI	111418	40118	110258
301948RI	112457	30293RI	111364	30642RI	115873	401180RI	111806
301949RI	114099	30294RI	111076	30649RI	111325	401182RI	111704
301950RI	114010	30295RI	110348	30702RI	113470	401183RI	111594
301951RI	114010	30296RI	112149	30705RI	110163	401184RI	112129
301952RI	114284	30302RI	111154	30706RI	110360	401188RI	111807
301953RI	114524	30305RI	111362	30707RI	111740	40121	110133
301953RI	116295	30306RI	111364	30709	111686	401270	111483
301954RI	114811	30307RI	111078	30712RI	112780	401271RI	112128
301954RI	116311	30312RI	113574	30714RI	112734	401274RI	111678
301955RI	114895	30314RI	110889	30715RI	112782	401283	111384
301956RI	114409	30316RI	110890	30717RI	111176	401290RI	111767
301957RI	115548	30317RI	112728	30719RI	111623	401292RI	111264
301958RI	114704	30318RI	112729	30719RI	111742	401293RI	111779
301959RI	114509	30325RI	110891	30719RI	115890	401295RI	111781
301960RI	115306	30326RI	111419	30721	111331	40130	110137
301962RI	115601	30333RI	110895	30722RI	112784	401355RI	111960
301963RI	115531	30334RI	110116	30724RI	111354	401356RI	111950
301964RI	113972	30335RI	112734	30725RI	111363	401357RI	111381
301965RI	114390	30337RI	112735	30732RI	111352	401364RI	111980
301966RI	114810	30339RI	112098	30733RI	111352	401366RI	111929
301967RI	115606	30340RI	112736	30734RI	111649	401367RI	111963
301968RI	115434	30341RI	110766	30738RI	111293	401370RI	111831
301972	114111	30345RI	111093	30740RI	111479	401375RI	111956
301974RI	114721	30349RI	110877	30744RI	110052	401376RI	111626
301975RI	114882	30350RI	111036	30749RI	111834	401409	112067
301976RI	115549	30355RI	111686	3076RI	110641	401410RI	112063
301977RI	114293	30358RI	110881	3077RI	111180	401411RI	112065
301978RI	114090	30359RI	111841	3077RI	116133	401412RI	112068
301980RI	114208	30366RI	112742	30810RI	110544	401413RI	112069
301981RI	115661	3037	112098	30813RI	110931	401417RI	112102
301982RI	115307	30375RI	111082	30823RI	111629	401418RI	112101
301987RI	114754	30376RI	111288	30824RI	111629	401419RI	112205
301988RI	114312	30380RI	112162	30825RI	112299	40141RI	110628
301989RI	114804	30381RI	112746	30827RI	111353	401421RI	112207
301992RI	114780	30384RI	111164	30829RI	111676	401424RI	114386
301993RI	115659	3045	111180	30833RI	111354	401427RI	112210
301994RI	114088	3045	116133	30836RI	112772	40142RI	110496
301995RI	113996	3050	110877	30844RI	112799	401430RI	112332
301996RI	115858	30500RI	111528	30845RI	112800	40148RI	110805
301998RI	115615	30501RI	112747	30847RI	113632	401513RI	113785
301999RI	114248	30502RI	113611	30851RI	113471	401514RI	113035
30199RI	110877	30506RI	111686	30853RI	112803	401516RI	113383
302000RI	115365	30509RI	112056	30854RI	113920	401517RI	114231
302001RI	115412	30516RI	112056	30855RI	112806	401518RI	112333
302003RI	115411	30517RI	111169	30856RI	112325	40151RI	110318
302005RI	115526	30518RI	112345	30857RI	113477	401520RI	112349
302007RI	115367	30520RI	111094	30858RI	111658	401521RI	112271
302008RI	115369	30521RI	112750	30860RI	110621	401522RI	112327
302010RI	114665	30522RI	110105	30861RI	112229	401523RI	112328
302011RI	115433	30525RI	112162	3087RI	110358	401525RI	113786
302012RI	114472	30533RI	112754	30889RI	111803	401526RI	112272
302013RI	115760	30535RI	111319	30890RI	111411	401528RI	112351
302014	114865	30549RI	112756	30891RI	112718	401530RI	112352
302017RI	114512	30550RI	112757	30893RI	111687	401533RI	112355
302019RI	114508	30560RI	111176	30906RI	111154	401534RI	112356
302021	114011	30561RI	111356	30907RI	111746	401535RI	112357
302023RI	115366	30564RI	111355	30909RI	110360	401536RI	112358
302024RI	114040	30569RI	112453	30915RI	113632	401539RI	112334
302026RI	114247	30574RI	111321	3093RI	111096	40158RI	110307
302027RI	115863	30582RI	111738	3094RI	111086	401594RI	112359
302028RI	115708	30589RI	110622	3096RI	110968	401596RI	115864
302028RI	116352	30595RI	112288	40100	110128	401597RI	112360
302029RI	114410	30600RI	110770	40104RI	110168	401599RI	111468
302031RI	114848	30601RI	111654	40105RI	110264	401600RI	114114
302033RI	115364	30602RI	113500	401116RI	111051	401601RI	112362
302034RI	113883	30610RI	112765	401119RI	111598	401602RI	113787
302036RI	114490	30613RI	111948	401125	111596	401603RI	112394

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AD KÜHNER <i>Continued</i>							
401604RI	112363	40671RI	110802	50939RI	112640	553170RI	114207
401605RI	113296	40672RI	111614	50942RI	110503	553172RI	112458
401607RI	113317	40674RI	111339	50943RI	110233	553174RI	114802
401609RI	113306	40676	111613	50945RI	110508	553175RI	114679
40160RI	110374	40677RI	111747	50947RI	110724	553180RI	114828
401611RI	113440	40678RI	112093	50948RI	110801	553181RI	114350
401612RI	113322	40682RI	111279	50949	110514	553184RI	114663
401613RI	114273	40684RI	110804	50952RI	110505	553185RI	114406
401615RI	113324	40689RI	110659	50953RI	110984	553186RI	113923
401617RI	113321	40697RI	110679	50954	110408	553186R	115879
401618RI	113343	40753RI	111578	50956	110514	553188RI	112853
40161RI	111705	40755RI	111317	50958RI	111090	553190RI	114043
401702RI	113788	40756RI	111361	50960	111193	553199RI	113498
401703RI	114361	40761RI	111267	50962RI	111199	553200RI	114466
401704RI	113634	40762RI	111264	50963RI	111200	553210RI	114524
401705	113348	40764RI	111610	50964RI	111220	553210RI	116295
401707	113235	40769RI	111294	553004RI	114036	553214RI	113685
401708RI	113328	40772RI	111609	553004RI	116116	553215RI	114737
401709RI	113331	40775RI	111240	553004RI	116117	553219RI	113969
401710RI	114300	40777	111483	553004RI	116118	553231RI	114046
401711RI	113330	40780RI	111316	553006RI	114212	553232RI	112097
401712RI	113316	40783RI	111435	553008RI	113998	553235RI	115419
401715RI	113518	40785RI	110445	553013RI	112183	553239RI	112294
401716RI	113519	40787RI	110540	553015RI	111568	553240RI	113412
401717RI	113519	40789RI	110562	553016RI	112673	553242RI	112375
401718RI	113517	40790RI	110657	553021RI	113987	553246RI	114102
40171RI	110385	40792RI	110564	553024RI	113600	553246RI	116068
401721RI	116366	40795RI	110136	553025RI	113856	553247RI	114187
401724RI	115415	40796RI	110448	553028RI	114364	553249RI	114835
401725RI	114877	40798RI	110967	553030RI	111479	553250RI	113401
401726RI	114272	40799RI	114203	553041RI	114243	553260RI	114701
401727RI	113954	40805RI	111342	553042RI	112302	553261RI	114384
401728RI	113712	40806RI	111315	553043RI	112170	553262RI	114262
401783RI	114227	40863RI	111186	553044RI	111832	553265RI	114214
401785RI	113656	40864RI	111215	553060	112097	553269RI	114510
401788RI	111309	40867RI	112329	553062RI	114377	553270RI	114202
401789RI	113657	40868RI	111280	553063RI	114080	553272RI	114512
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401792RI	114186	40873RI	112228	553068RI	113543	553278RI	114866
401793RI	115660	40877RI	111237	553069RI	113956	553279RIV	114724
401795RI	113903	40878RI	111238	553070RI	114042	553285RI	114458
401796RI	114024	40879RI	111309	553070RI	116113	553287RI	114263
401798RI	113791	40880RI	111437	553072RI	112447	553290RI	113940
401800RI	114006	40881RI	111605	553074RI	111987	553290RI	116048
401802RI	112205	40884RI	110134	553079RI	112947	553291RI	114782
401803RI	114215	40885RI	111705	553080RI	115716	553293RI	115865
401804RI	113792	40970RI	110629	553085RI	114244	553298RI	111036
401806RI	114489	40971RI	110620	553089RI	113710	553304RI	113896
401808RI	114201	40972RI	111344	553089RI	116124	553304RI	116158
401809RI	114005	40974RI	110631	553090RI	113710	553306RI	113563
40180RI	110706	40976RI	111579	553090RI	116124	553311RI	111232
40185RI	110701	40980RI	111285	553093RI	112560	553318RI	114385
40187RI	110567	40981RI	111517	553096RI	111495	553320RI	113552
40188RI	110965	40982	111484	553098RI	116170	553322RI	114454
401891RI	114206	40988RI	111518	553099RI	112389	553325RI	114658
401892RI	114012	40989RI	111601	553100RI	110766	553326RI	115317
401893RI	114041	40990RI	111381	553102RI	113529	553327RI	114306
401894RI	114709	40994RI	111405	553106RI	112193	553332RI	114770
401894RI	116332	40995RI	111406	553109RI	113993	553338RI	113961
401895RI	115441	501108RI	110937	553110RI	114189	553349RI	113991
401896RI	114112	501114RI	111261	553112RI	113763	553350RI	113898
401897RI	114841	501115RI	111232	553115RI	114518	553351RI	113971
401898	114358	501211	110422	553116RI	114077	553353RI	114290
401899RI	113956	501538RI	111712	553117RI	114079	553357RI	114383
401900RI	114121	501620RI	112160	553118RI	114516	553357RI	116361
401901RI	113941	50630RI	110233	553122RI	115414	553360RI	111232
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401903RI	115855	50919RI	110173	553130RI	115454	553362RI	113803
40193	114288	50920RI	110175	553131RI	114219	553367RI	115380
40198RI	110458	50921RI	110176	553132RI	116096	553373RI	114082
40551RI	111048	50925RI	110235	553133RI	115937	553373RI	116043
40552RI	110682	50926	110236	553136RI	114209	553383RI	112961
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40575RI	110664	50929RI	110300	553142RI	113358	553386RI	116179
40577RI	110699	50932	110427	553143RI	114411	553389RI	114432
40585RI	110806	50933RI	110985	553149RI	114039	553392RI	113990
40653RI	110632	50934RI	110487	553151RI	116184	553395RI	114292
40657RI	111428	50935RI	110488	553153RI	113698	553399RI	116056
40660RI	110700	50936RI	110492	553154RI	113970	553400RI	114263
40661RI	110697	50937RI	110498	553161RI	115605	553409RI	114085
40664RI	110802	50938RI	110499	553165RI	114212	553412RI	111576

O. E. No.	HC-CARGO	O. E. No.	HC-CARGO	O. E. No.	HC-CARGO	O. E. No.	HC-CARGO
553414RI	112958	553745RI	116104	554146RI	115866	60823	110999
553415RI	110374	553746RI	115620	554151RI	116089	60824	110602
553420RI	115348	553762RI	114290	554164RI	115356	60827	110347
553421RI	114664	553766RI	113506	554169RI	113803	60828	112341
553426RI	114287	553775RI	115340	554172RI	112721	60830	110414
553430RI	115520	553777RI	114362	554184RI	115811	60832	110468
553433RI	115429	553791RI	113768	554185RI	115862	60833	110469
553434RI	115346	553798RI	114681	554186RI	116022	60835	110472
553453RI	114042	553799RI	116168	554189RI	115695	60837	110231
553453RI	116113	553800RI	113529	554195RI	116182	60838	110491
553459RI	114766	553805RI	111232	554196RI	115932	60839	110506
553463RI	114301	553806RI	116101	554197RI	115714	60840	110569
553464RI	115532	553809RI	114348	554198RI	115436	60842	111222
553466RI	114078	553822RI	114463	554200RI	116037	60843	111383
553467RI	115630	553824RI	115959	554202RI	111419	60844	110602
553470RI	115582	553840RI	115528	554204RI	115761	60845	112267
553471RI	114694	553844RI	116138	554206RI	115777	60848	110510
553472RI	114897	553849RI	114880	554207RI	115988	60851	110634
553473RI	114290	553855RI	114706	554210RI	115983	60852	110635
553474	112097	553859RI	115909	554214RI	114847	60856	111012
553478RI	114897	553861RI	112721	554221RI	116094	60857	111760
553481RI	115712	553861RI	114251	554229RI	115935	60858	111034
553483RI	115730	553863RI	116292	554234RI	114423	60859	111786
553488RI	114490	553871RI	112529	554237RI	115803	60860	110602
553489RI	114682	553871RI	116129	554241RI	115952	60862	110949
553493RI	113997	553872RI	115455	554249RI	115936	60863	110999
553495RI	115410	553872RI	116321	554251RI	114379	60864	111000
553496RI	114726	553876RI	116114	554258RI	114671	60866	111183
553497RI	114779	553881RI	113967	554259RI	113888	60867	111190
553502RI	113692	553886RI	114465	554261RI	115851	60868	111222
553503RI	113694	553887RI	113610	554263RI	115669	60869	110218
553542RI	116105	553891RI	114158	554291RI	115606	60870	110226
553555RI	114235	553898	116110	554301RI	115759	60871	111043
553559RI	114844	553900RI	114450	554303RI	116459	60872	110647
553567RI	115707	553901RI	116055	554305RI	115321	60873	110636
553570RI	113989	553903RI	113793	554309RI	115587	60876	110647
553571RI	110801	553907RI	116030	554310RI	115655	60877	110216
553572RI	114879	553913RI	112669	554311RI	115913	60967	111043
553573RI	116189	553915RI	114683	554316	116020	60968	111041
553578RI	115547	553917RI	114228	554319RI	116010	60969	111277
553583RI	115457	553919RI	115633	554330RI	115546	60970	112341
553583RI	116125	553921RI	114229	554337RI	114735	701011	110060
553591RI	115603	553925RI	111713	554341RI	114707	701012	110061
553593RI	116066	553944RI	114805	554347RI	116111	754290	111919
553596RI	111575	553947RI	113715	554348RI	113743	9019	111225
553602RI	113986	553952RI	116175	554351RI	113506	9050	110482
553605RI	115667	553956RI	115461	554371RI	113418	9052	110483
553610RI	115315	553956RI	116061	554381RI	116164	9058	110484
553615RI	115458	553974RI	116169	554387RI	116214		
553615RI	116177	553975RI	115765	554392RI	112989	AGRI	
553616RI	116176	553989RI	113975	554402RI	114808	130652	110536
553634RI	116100	554002RI	116011	554404RI	112160	130652	116139
553647RI	116012	554003RI	111397	554415RI	115320	36795	112565
553649RI	116075	554007RI	113310	554429RI	116033	36914	112566
553651RI	114192	554010RI	115605	554431RI	115691	51750	111649
553653RI	116186	554015RI	113607	554432RI	110620		
553655RI	116171	554023RI	114757	554434RI	116291	ALFA ROMEO	
553660RI	115481	554024RI	115583	554444RI	111510	116760506000	110890
553661RI	114827	554024RI	116183	554445RI	115808	116760506100	110890
553664RI	113738	554026RI	114813	554461RI	114390	46305329	113942
553664RI	116155	554027RI	114880	554462RI	114694	46430533	113939
553668RI	114464	554035RI	114403	554487RI	115608	46445658	113942
553672RI	114826	554037RI	114257	554490RI	116299	46445660	113939
553673RI	113716	554040RI	112850	554531RI	116163	46473784	113430
553677RI	115836	554042RI	111200	554587RI	116293	46544329	113943
553689RI	114407	554046RI	114463	601025	110436	46765836	113942
553690RI	115431	554072RI	114205	601026	110654	46765837	113943
553691RI	116178	554074RI	114511	601028	111844	46769369	113942
553693RI	116098	554075RI	113607	601029	112240	46782213	113943
553695RI	114876	554098RI	111078	601029	112240	46791692	111685
553695RI	116309	554099RI	115679	601240	111786	46823543	113931
553700RI	114772	554117RI	114657	601240	115985	50500728	114749
553701RI	114081	554122RI	114115	60628	110227	51810267	115717
553701RI	114772	554125RI	113148	60647	110509	51823860	113719
553705RI	115995	554126RI	114289	60810	110221	51823860	115869
553712RI	110959	554127RI	113246	60811	111000	51854898	115429
553713RI	112059	554133RI	115316	60812	110223	51854912	115346
553721RI	113782	554136RI	115975	60813	110224	51884886	115932
553724RI	114839	554140RI	115747	60814	110227	55183906	115360
553732RI	115690	554142RI	115814	60816	110228	55192482	113931
553744RI	116185	554145RI	116009	60817	110230	60672342	113836
				60818	112897	60673305	113836

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ALFA ROMEO <i>Continued</i>							
60812535	113942	29-1997	111468	36-1228	111451	A0027	115482
60812583	111409	29-2007	112939	36-1237	111451	A0027PR	111989
60813461	111685	29-2034	112977	36-1238	110811	A0029	111886
60814911	113430	29-2169	112946	36-1240	110810	A0031	111093
60815944	113336	29-2172	112940	36-1266	111490	A0032(P)	113889
60816045	113943	29-2180	112893	36-1271	110811	A0032(P-INA)	113889
60816046	113942	29-2189	113035	36-1291	111764	A0033	112406
60816083	113430	29-2198	113235	36-1295	110810	A0034	113351
60816557	113943	29-2205	112893	36-1303	110811	A0035	112197
73501591	113996	30-1079	110133	36-1326	111683	A0035(P)	112197
73503235	114204	30-1111	110138	36-2261	111451	A0035(P-INA)	112197
7782314	113942	30-1185	111139	36-5073	110221	A0036	113754
AT050600108	110882	30-1207	110675	ABO0113	113632	A0037	113887
ALLIS							
4841605	111190	30-1294	110675	ABO0195	112046	A0038	113888
ARCO MARINE							
30460	111699	30-1297	110675	ABO0422	113949	A0040	112043
30470	113679	30-1307	111578	ADR290	113777	A0042	112274
5362	113591	30-1385	113412	AHI0068	113793	A0042(BOSCH)	112274
5367	112247	31-1043	113142	AIA0001	113529	A0043	113285
5370	110240	31-1109	113143	AIA0007	112768	A0043(P)	113285
5371	110647	34-1875	112963	ALU0004	111289	A0044	112144
5372	110644	34-1915	112963	ALU0020	113529	A0044(P)	112144
5375	110648	35-1651	112267	AMT0146	113782	A0045	113751
5376	111043	35-1923	110221	AND0237	113856	A0046	112397
5379	110654	35-1926	111190	AND0249	113803	A0046(P)	112397
5387	112145	35-1928	112267	APM0004	113743	A0046(P-INA)	112397
5389	110647	35-1929	112267	SAB0019	112157	A0047	113352
5392	110648	35-1957	112255	SAB0145	113854	A0049	113272
5396	112826	35-1968	113153	SAM0120	113593	A0050	112399
60065	111710	35-2052	110462	SBO0244	110206	A0052	112415
ARROW							
29-1082	111261	35-2052	116137	SBS0001	110634	A0053	113351
29-1187	110300	35-2064	110462	SBS0009	112242	A0053(P)	113351
29-1229	110235	35-2064	116137	SBS0028	113539	A0054	113489
29-1235	110235	35-2085	110421	SBS0029	113853	A0055	112742
29-1236	110235	35-2113	110411	SDR0019	112240	A0057	112414
29-1242	110235	35-2121	110315	SDR0284	113550	A0059	112002
29-1243	110235	35-2151	111451	SMT0102	113668	A0059	115483
29-1244	110235	35-2181	111442	SMT0253	113795	A0059(P)	112002
29-1275	112880	35-2262	110411	SMT0262	113819	A0059(P)	115483
29-1302	111252	35-2273	111451	SMT0294	113820	A0059(P-INA)	112002
29-1345	111713	35-2302	111490	SMU0311	113821	A0059(P-INA)	115483
29-1361	110801	35-2306	110811	SND0076	113725	A0060	112078
29-1362	110801	35-2314	111683	SND0312	110940	A0061	112072
29-1363	110801	35-2323	111764	SND0324	113893	A0061(P)	112072
29-1369	110591	35-2326	110810	SND0336	114333	A0062	114016
29-1398	110724	35-2331	110811	SND0455	113732	A0063	114212
29-1514	110133	35-2351	111683	SND0566	113550	A0064	114753
29-1520	110138	35-2372	110810	SND0587	114182	A0064	115498
29-1530	110168	35-2378	112214	SPR0010	113727	A0066	115619
29-1577	111139	35-2379	112214	AS-PL			
29-1595	110675	35-2388	111241	A0001	110895	A0067	113302
29-1641	110675	35-2422	111485	A0002	112159	A0068	113298
29-1665	110628	35-2430	111608	A0002ER	112159	A0069	110358
29-1666	110496	35-2443	112912	A0002SR	112159	A0071	112193
29-1673	110675	35-2444	113222	A0003	112194	A0072	114296
29-1676	110675	35-2449	111844	A0004	110641	A0072	115489
29-1681	110682	35-2481	112897	A0005	111369	A0074	113188
29-1684	111285	35-2509	113044	A0006	111479	A0074	115484
29-1734	113412	35-2518	113114	A0007	112561	A0076	116172
29-1761	111578	35-2543	111683	A0008	111746	A0077	111477
29-1792	113085	35-2545	111552	A0009	111528	A0078	111676
29-1838	110682	35-2559	113108	A0010	112803	A0079	111820
29-1839	111199	35-2560	113169	A0011	113448	A0080	111820
29-1867	112993	35-2567	111374	A0012	111180	A0080(BOSCH)	111820
29-1870	113432	35-2584	112846	A0013	116133	A0081	111318
29-1881	111285	35-2586	112301	A0014	111649	A0082	111843
29-1886	112927	35-2589	112897	A0015	112098	A0083	113786
29-1898	110496	35-2592	112904	A0016	112734	A0084	112736
29-1936	112886	35-2598	112235	A0017	113920	A0086	111287
29-1937	112936	35-2620	111970	A0018	110113	A0087	111146
29-1938	111200	35-2629	113119	A0019	111888	A0088	113470
29-1947	112884	35-2640	111183	A0020	111141	A0089	113531
29-1974	112888	35-2642	111307	A0021	111833	A0093	112729
29-1987	113089	35-2645	112906	A0021	116063	A0097	110906
29-1996	112942	35-2646	112900	A0022	111842	A0099	110112
		35-2651	113398	A0023	111987	A0100	112784
		36-1014	110462	A0024	112302	A0101	112288
		36-1082	110421	A0025	112076	A0104	112746
		36-1180	111451	A0026	112757	A0106	112765
		36-1194	111442	A0027	111989	A0107	112453
		36-1225	110411			A0108	112345
						A0109	113611
						A0114	112529

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A0114	116129	A0192	114008	A0274	115677	A0365PR	115765
A0114PR	112529	A0193	114007	A0275	114312	A0366	113770
A0114PR	116129	A0193	115486	A0276	115844	A0368	114844
A0115	112056	A0194	114836	A0277	114454	A0368PR	114844
A0116	111732	A0195	116337	A0277S	114454	A0369	115649
A0117	112709	A0196	113273	A0278	115382	A0370	116098
A0118	111988	A0197	113447	A0281	115417	A0374	110923
A0119	111991	A0199	113951	A0282	115847	A0375	111169
A0120	113284	A0200	113958	A0283	114898	A0380	111884
A0120	115491	A0201	113944	A0284	114724	A0381	111893
A0120S	113284	A0201R	113944	A0285	115753	A0385	111354
A0120S	115491	A0202	111352	A0286	115532	A0387	112424
A0121	113352	A0203	112747	A0287	115434	A0388	110975
A0122	115617	A0204	114391	A0288	115544	A0389	112046
A0122	115618	A0205	112428	A0289	115365	A0390	112535
A0123	114212	A0205PR	112428	A0290	115532	A0391	111828
A0124	114028	A0206	113835	A0291	114380	A0392	113836
A0124	115493	A0207	115383	A0291	116060	A0395	111149
A0125	112075	A0209	114656	A0292	114383	A0396	112343
A0127	112079	A0209(BOSCH)	114656	A0292	116361	A0398	111828
A0127	114789	A0210	115658	A0295	115905	A0403	116176
A0127(P)	112079	A0211	114089	A0296	112462	A0404	115908
A0127(P)	114789	A0211	115495	A0297	114257	A0405	115909
A0129	111820	A0213	114463	A0299	115906	A0409	115910
A0131	111353	A0214	116101	A0300	110881	A0411	113279
A0131(BOSCH)	111353	A0214R	116101	A0302	111850	A0411PR	113279
A0133	111890	A0215	114088	A0303	113510	A0412	114078
A0135	111978	A0216	113871	A0304	111285	A0412	115494
A0135(P)	111978	A0216	115867	A0305	114211	A0414	114492
A0136	112427	A0216	116165	A0306	114681	A0415	113470
A0136	115871	A0218	113274	A0307	112189	A0416	111987
A0137	114028	A0220	114781	A0309	114016	A0417	114705
A0138	114212	A0221	113858	A0310	115767	A0419	112396
A0139	114212	A0221	115976	A0310PR	115767	A0419(BOSCH)	112396
A0139	115488	A0222	113953	A0311	116175	A0420(BOSCH)	112396
A0140	112190	A0223	114040	A0320	113923	A0421(BOSCH)	115370
A0142	113640	A0225	111824	A0320	115879	A0421PR	115370
A0142(P)	113640	A0226	112426	A0321	116038	A0422(BOSCH)	111094
A0142(P-INA)	113640	A0226PR	112426	A0322	115529	A0423(BOSCH)	115652
A0143	113882	A0227	115678	A0327	115648	A0425	116120
A0144	113300	A0227(P)	115678	A0328	114667	A0425	116121
A0145	112144	A0228	114701	A0329	114667	A0426	114121
A0146	115709	A0230	111514	A0331	116038	A0427	112075
A0147	114765	A0231	113879	A0332	111318	A0428	112273
A0149	112407	A0231R	113879	A0334	115824	A0429	115826
A0150	114705	A0232	114408	A0335	114768	A0430	115708
A0152	111293	A0232R	114408	A0336	115846	A0430	116352
A0153	112680	A0233	112079	A0338	114834	A0431	114230
A0154(P)	115619	A0233(BOSCH)	113340	A0340	116171	A0432	115412
A0157	111873	A0237	113947	A0341	112190	A0433	115712
A0158	112419	A0238	114431	A0342	114663	A0433PR	115712
A0159	114200	A0240	114311	A0343	112196	A0434	112557
A0160	113510	A0241	114291	A0343	115987	A0438(BOSCH)	115576
A0162	112413	A0245	113949	A0345	114019	A0439	115412
A0163	113485	A0246	111154	A0345	116047	A0439(BOSCH)	115412
A0164	114122	A0248	111216	A0346	114668	A0440	111164
A0165	113837	A0250	114036	A0348	115304	A0442	115532
A0166	113945	A0250	116116	A0349	115718	A0446	115433
A0167	114353	A0253	113489	A0350	114211	A0446PR	115433
A0168	114354	A0256	113296	A0351	113882	A0446S	115433
A0168(P)	114354	A0257	114709	A0353	115458	A0447	111842
A0169	112425	A0257	116332	A0353	116177	A0449	111141
A0170	113947	A0258	115496	A0353(BOSCH)	115458	A0455	111676
A0170PR	113947	A0260	114314	A0353(BOSCH)	116177	A0457PR	114722
A0170PR2	113947	A0261	114109	A0354	115907	A0459	115804
A0173	111902	A0261PR	114109	A0356	113899	A0461	116169
A0180	115621	A0262	111883	A0358	113958	A0464	115966
A0181	114769	A0263	111890	A0359	115461	A0464(P)	115966
A0181PR	114769	A0263PR	111890	A0359	116061	A0465	116203
A0181PR2	114769	A0264	113442	A0359PR	115461	A0467PR	113992
A0183	115541	A0265	112530	A0359PR	116061	A0468PR	115528
A0184	110766	A0266	113877	A0359S	115461	A0471PR	114697
A0186	111898	A0267	115904	A0359S	116061	A0476	115746
A0187	113486	A0268	113755	A0359S2	115461	A0477	111287
A0190	113992	A0268(BOSCH)	113755	A0359S2	116061	A0478	112780
A0190(BOSCH)	113992	A0269	113301	A0360	111824	A0479PR	112428
A0190(P)	113992	A0270	113871	A0362	114884	A0480PR	112002
A0190(P-INA)	113992	A0270	115867	A0362PR	114884	A0480PR	115483
A0190PR	113992	A0271	115367	A0363	115716	A0481PR	112428
A0190PR2	113992	A0271PR	115367	A0364	114064	A0481PR	115673
A0190PR3	113992	A0272	115318	A0365	115765	A0482	115576

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL <i>Continued</i>							
A0485	116174	A2028	110697	A3067	113948	A3127	115916
A0486	115835	A2030	113697	A3069	113404	A3127(VALEO)	115916
A0495	115763	A2031	110631	A3070	113881	A3130	114879
A0496	115452	A2032	111767	A3070(VALEO)	113881	A3130(VALEO)	114879
A0497	115606	A2033	111316	A3071	112002	A3131	114722
A0498	115606	A2035	113383	A3072	112462	A3131(VALEO)	116337
A0498S	115606	A2036	110168	A3073	112458	A3132	111722
A0499	116012	A2037	113698	A3073(P)	112458	A3133	114451
A0500	115764	A2038	113941	A3073(P-INA)	112458	A3133(VALEO)	114451
A0501	115714	A2038(P-INA)	113941	A3074	113755	A3136	113604
A0502	115671	A2039	113993	A3075	112800	A3137	112058
A0504	116100	A2044	113316	A3076	111788	A3138	113946
A0516PR	115455	A2061	116104	A3077	112458	A3139	114131
A0516PR	116321	A2065	110168	A3078	113720	A3139(VALEO)	114131
A0517PR	113889	A2066	114121	A3078	116064	A3140	114859
A0518PR	111426	A2067	113418	A3079	112059	A3140(VALEO)	114859
A0519PR	113874	A2068	110706	A3080	115856	A3145	115676
A0520PR	112418	A2071	113997	A3081	111478	A3145(VALEO)	115676
A0521	113884	A2075	110385	A3082	111943	A3146	115713
A0522	113280	A2076	111294	A3082(P)	111943	A3146	116319
A0524	116202	A3001	110889	A3082(P-INA)	111943	A3146(VALEO)	115713
A0525(BOSCH)	113895	A3003	113500	A3083	113406	A3146(VALEO)	116319
A0526	116057	A3005	112754	A3085	113251	A3156	113877
A0527	115695	A3008	112769	A3085(VALEO)	113251	A3157	114811
A0529	111987	A3012	112162	A3085PR	113251	A3157	116311
A0531S	115759	A3013	111075	A3085R	113251	A3158	114130
A0533S	115730	A3017	113603	A3086	113858	A3158	116069
A0537PR	112229	A3018	111720	A3086	115976	A3159	114781
A0539S	113949	A3019	112681	A3092	111719	A3160	114408
A0540S	115844	A3020	110619	A3093	114680	A3160PR	114408
A0544S	111732	A3021	114026	A3094	112468	A3161	113871
A1001	111426	A3022	112688	A3096	112703	A3161	115867
A1001PR	111426	A3023	112480	A3098	113896	A3162	115859
A1002	111846	A3027	112460	A3098	116158	A3163	113861
A1003	111708	A3028	111718	A3098(VALEO)	113896	A3163PR	113861
A1004	113350	A3029	112287	A3098(VALEO)	116158	A3164	115858
A1005	113349	A3032	113405	A3098R	113896	A3165	115919
A1009	112720	A3032(VALEO)	113405	A3098R	116158	A3165S	115919
A1010	111514	A3032ER	113405	A3099	111331	A3166	114721
A1011	112416	A3032PR	113405	A3099R	111331	A3167	115437
A1013	111846	A3032SR	113405	A3101	113253	A3167(VALEO)	115437
A1014	112165	A3033	113252	A3101(VALEO)	113253	A3168	116184
A1015R	113772	A3034	113919	A3102	113253	A3169	115920
A1016	113771	A3035	113248	A3102(VALEO)	113253	A3170	114039
A1016R	113771	A3035(P)	113248	A3102PR	113253	A3170(VALEO)	114039
A1018	112160	A3035ER	113248	A3103	114882	A3171	113403
A1019	116168	A3035SR	113248	A3103(VALEO)	114882	A3172	115815
A1020	114665	A3037	112471	A3104	113721	A3174	114848
A1021(P)	114512	A3037(P)	112471	A3104(VALEO)	113721	A3175	115766
A1025	114726	A3037(P-INA)	112471	A3105	114128	A3176	114467
A1025(P)	114726	A3037ER	112471	A3106(VALEO)	115549	A3177	115853
A1026	114779	A3037SR	112471	A3107	114102	A3178	115667
A1026(P)	114779	A3041	111498	A3107	116068	A3199	114832
A1027	115410	A3042	111397	A3107(VALEO)	114102	A3202	115921
A1029	114202	A3044	111319	A3107(VALEO)	116068	A3207	114067
A1030	115911	A3050	111325	A3108	113751	A3208	115631
A1032	115761	A3051(P)	112461	A3108PR	113751	A3227	115922
A1040	114728	A3051(P-INA)	112461	A3109	113882	A3230	115923
A1042	111847	A3051ER	112461	A3111	112057	A3232	115924
A1043	115380	A3051SR	112461	A3113	111226	A3317	114697
A2001	111515	A3052	113940	A3113R	111226	A4001	111623
A2003	112271	A3052	116048	A3114	114042	A4001	111742
A2004	111267	A3052(P)	113940	A3114	116113	A4001	115890
A2005	111186	A3052(P)	116048	A3114(VALEO)	114042	A4003	111411
A2007	111704	A3052(P-INA)	113940	A3114(VALEO)	116113	A4004	111689
A2008	111381	A3052(P-INA)	116048	A3115	115912	A4005	112121
A2009	111294	A3053	113247	A3115(VALEO)	115912	A4006	111802
A2010	111493	A3053ER	113247	A3116	114684	A4007	111416
A2011	112272	A3054	113283	A3116(VALEO)	114684	A4008	111803
A2012	110700	A3055(P-INA)	113722	A3117	114082	A4009	111662
A2013	111614	A3055(P-INA)	115963	A3117	116043	A4009	116131
A2014	112093	A3055(VALEO)	113722	A3117(VALEO)	114082	A4010	111569
A2016	111831	A3055(VALEO)	115963	A3117(VALEO)	116043	A4012	110891
A2021	112351	A3056	113246	A3118	113862	A4013	111176
A2022	113956	A3057	112299	A3118(VALEO)	113862	A4015	111361
A2022(P)	113956	A3058	111967	A3119	115411	A4017	111413
A2022(P-INA)	113956	A3059	111631	A3120	114509	A4019	112325
A2023	113787	A3061	111658	A3120(VALEO)	114509	A4020	111756
A2023(P)	113787	A3062	112687	A3121	115913	A4021	112142
A2024	111264	A3065	111947	A3121PR	115913	A4024	113939
A2025	112228	A3066	113868	A3122	113640	A4027	111409

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A4028	112143	A6009	111518	A9006	113518	S0079	112494
A4029	112097	A6010	113922	A9007	113343	S0080	113277
A4032	112021	A6011	113978	A9008	113657	S0082	112498
A4033	112718	A6012	111579	A9009	111309	S0083	112131
A4035	111795	A6013	114006	A9011	113709	S0084	111070
A4036	110497	A6015	114206	A9012	113710	S0085	113759
A4037	110977	A6017	110682	A9012	116124	S0086	114327
A4040	111740	A6018	113849	A9015	110622	S0087	111347
A4041	111176	A6019	114065	A9016	113708	S0088	113276
A4042	113955	A6020	110564	A9017	113517	S0090	113842
A4045	112654	A6021	111610	A9018	113331	S0090	115508
A4047	111687	A6022R	110620	A9019	113792	S0091	112440
A4048	113904	A6024	111437	A9020	113912	S0092	110518
A4049	111568	A6025	114024	A9020	116362	S0093	113446
A4050	113987	A6026	114248	A9021	113913	S0093	115506
A4052	111723	A6027	116366	A9022	114804	S0094	111904
A4055	112021	A6028	115791	A9023	115543	S0096	111906
A4058	113535	A6029	115788	A9025	110657	S0097	112224
A4061	114025	A6030	115787	A9026	110562	S0098	111848
A4062	112384	A6034	114258	A9028	111051	S0099	112441
A4063	111036	A6035	115415	A9029	113791	S0099	115505
A4064	112203	A6036	114147	A9030R	111009	S0100	113843
A4066	112237	A6037	114041	A9032	115937	S0102	113613
A4067	111356	A6038	113972	A9034	112387	S0103	113346
A4068	114804	A6039	114011	A9035	113328	S0104	112307
A4070	114409	A6040	111963	A9037	113519	S0105	113752
A4071	114754	A6041	113969	S0001	110206	S0106	111865
A4072	114462	A6042	114272	S0002	110524	S0108	114033
A4073	114204	A6043	115928	S0004	110587	S0110	110522
A4074	113722	A6046	114215	S0006	112286	S0111	111693
A4074	115963	A6048	115750	S0007	110208	S0112	111755
A4076	112648	A6049	114083	S0008	110532	S0113	111001
A4082	114284	A6052	114390	S0010	110214	S0114	110530
A4083	114806	A6053	114227	S0011	110535	S0115	110536
A4083	115874	A6054	114361	S0015	111010	S0115	116139
A4084	114099	A6055	114273	S0017	112053	S0115	116312
A4085	114090	A6057	115929	S0018	111996	S0117	111755
A4087	113246	A6060	115620	S0019	111771	S0118	110521
A4089	114009	A6061	114694	S0020	112006	S0119	114174
A4090	113338	A6063	114410	S0021	112116	S0121	113963
A4091	111689	A6064	114900	S0022	111231	S0121	114886
A5001	111872	A6065	115657	S0023	110981	S0123	113959
A5002	111797	A6066	114290	S0024	111910	S0125	112236
A5003	112205	A6067	114709	S0025	111900	S0127	113134
A5004	112129	A6067	116332	S0027	111909	S0128	110352
A5006	110806	A6068	114897	S0029	111851	S0129	112071
A5007	111344	A6069	114895	S0030	112309	S0130	113980
A5009	112457	A6071	115742	S0031	111490	S0131	112306
A5010	112328	A6072	115660	S0032	112435	S0134	111003
A5013	110632	A6073	115863	S0033	111749	S0135	112116
A5014	111238	A6074	114493	S0034	110847	S0136	113282
A5015	112359	A6075	115429	S0036	113674	S0137	113934
A5016	111806	A6076	115346	S0039	111694	S0138	113891
A5019	113785	A6077	114706	S0040	112446	S0138	115509
A5020	112352	A6078	110496	S0040	113468	S0139	113935
A5021	113785	A6079	114208	S0041	111640	S0139	115501
A5025	112355	A6080	114704	S0042	112439	S0140	114062
A5027	110804	A6082	115930	S0043	111120	S0142	112052
A5028	110385	A6086	113721	S0044	114118	S0143	112440
A5029	114129	A6088	115601	S0045	111060	S0144	113389
A5030	110805	A6089	114490	S0046	110363	S0146	114160
A5031	115832	A6090	115748	S0047	112537	S0147	114031
A5033	113952	A6092	110967	S0048	112005	S0147	115892
A5034	114129	A6093	111193	S0049	112221	S0148	113846
A5041	113923	A6096	114490	S0050	110865	S0150	113466
A5041	115879	A6098	112101	S0052	111400	S0152	110813
A5042	113324	A6101	111538	S0054	112321	S0154	112434
A5044	112327	A6102	114186	S0059	112818	S0155	113303
A5046	114880	A6104	112356	S0062	111748	S0159	114054
A5065	115925	A6123	115932	S0064	113451	S0159	115516
A5073	114207	A6132	115933	S0066	111855	S0160	112055
A5084	115926	A6175	116056	S0066	116128	S0161	112290
A5106	115927	A6181	115935	S0067	110525	S0163	114126
A5145	116293	A6182	115936	S0070	113979	S0165	114318
A5158	116164	A6189	111517	S0073	111911	S0166	112454
A5191	116292	A6267(DENSO)	113336	S0074	113609	S0168	113271
A5232	116037	A9001	112333	S0075	113466	S0169	112014
A5294	116153	A9002	112939	S0076	112581	S0171	114179
A6001	114231	A9003	112151	S0077	113847	S0173	113859
A6004	116029	A9004	114114	S0078	112446	S0174	112555
A6007	114010	A9005	111405	S0078	116135	S0175	114177

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AS-PL Continued							
S0176	111995	S0476	115944	S3052	113481	S5045	114059
S0177	114094	S0477	115818	S3053	111307	S5046	111476
S0178	113760	S0483	114746	S3055	114163	S5049	113851
S0179	114196	S0484	115997	S3057	114030	S5049	115885
S0180	114001	S0489	115945	S3058	112474	S5050	114061
S0181	114376	S0490	115946	S3059	112474	S5053	114180
S0181	115513	S1003	111034	S3060	114035	S5055	113676
S0182	114220	S1005	112341	S3061	114074	S5055	115883
S0182	116132	S1006	110999	S3062	113937	S5058	114733
S0184	114069	S1007	111760	S3063	112217	S5058	115894
S0185	114162	S1009	110347	S3064	113929	S5064	114031
S0186	113931	S1010	111699	S3066	111694	S5064	115556
S0188	112534	S1012	111222	S3070	114029	S5064	115886
S0189	114020	S1014	111123	S3071	113478	S5064	115892
S0191	115938	S1015	111982	S3074	114127	S5065	114108
S0192	112430	S1017	113851	S3074	116160	S5067	114330
S0193	114317	S1017	115885	S3076	114892	S5069	111273
S0194	114073	S1024	112169	S3077	115948	S5077	114003
S0195	113430	S1027	114330	S3094	113841	S5083	115727
S0196	111399	S1028	115447	S3098	115949	S5158	113194
S0197	110527	S2001	112320	S4001	110819	S5176	115842
S0198	111793	S2002	111690	S4005	110565	S5234	116040
S0201	114196	S2003	110723	S4006	110465	S6001	111387
S0206	114233	S2005	111805	S4008	113380	S6002	110389
S0210	115939	S2006	110820	S4009	110441	S6003	110627
S0211	114106	S2009	112365	S4011	110443	S6005	112823
S0212	112444	S2012	114032	S4012	110459	S6005	115872
S0213	114690	S2014	115341	S4014	110818	S6007	113662
S0214	113678	S2015	110575	S4015	111420	S6008	113327
S0214	115507	S2016	111459	S4016	113750	S6009	110260
S0215	115940	S2017	111312	S4017	112026	S6010	110490
S0218	114093	S2019	112373	S4020	112124	S6011	113757
S0218	115512	S2020	113680	S4021	110517	S6012	113965
S0219	110775	S2023	111382	S4023	110521	S6013	110397
S0220	110212	S2024	116085	S4025	113962	S6014	111984
S0221	110582	S2025	115686	S4028	112382	S6016	111849
S0223	114814	S2050	113191	S4029	113654	S6017	110479
S0223(BOSCH)	114814	S3001	112295	S4030	113655	S6018	111561
S0224	112438	S3002	111070	S4031	113925	S6020	111455
S0225	113761	S3003	111123	S4033	111585	S6021	113938
S0226	114295	S3004	111251	S4035	113446	S6022	111559
S0227	113513	S3005	110584	S4037	110814	S6023	112822
S0228	114091	S3005	116306	S4039	111025	S6023	115880
S0229	114173	S3007	111641	S4042	114216	S6024	113329
S0230	113430	S3008	112218	S5003	111913	S6025	110944
S0232	114052	S3009	111130	S5004	111272	S6026	111679
S0235	111637	S3010	110584	S5005	110809	S6027	110580
S0236	111115	S3010	116306	S5007	112370	S6028	115643
S0237	115312	S3012	113932	S5008	110576	S6029	114037
S0238	111984	S3013	111508	S5009	112103	S6032	114071
S0241	111685	S3016	113254	S5010	111108	S6035	113313
S0242	114740	S3017	113719	S5011	113195	S6036	113314
S0243	113841	S3017	115869	S5012	110808	S6038	115328
S0244	114297	S3018	113843	S5014	110149	S6039	115723
S0247	111131	S3019	111994	S5015	111349	S6041	114886
S0248	112429	S3020	111931	S5016	110394	S6042	115613
S0250	112442	S3022	114199	S5018	111552	S6043	115642
S0250	116130	S3023	113963	S5019	111241	S6044	112336
S0251	110545	S3024	112475	S5020	110811	S6045	110447
S0253R	113509	S3025	111900	S5022	113673	S6047	113361
S0254	116040	S3026	113387	S5022	115882	S6049	113169
S0257	111752	S3027	113926	S5023	111451	S6056	115828
S0258	114069	S3028	114161	S5025	110256	S6080	115950
S0260	111000	S3029	113933	S5026	113445	S6112	112489
S0261	114073	S3030	113605	S5027	113672	S6120	113203
S0262	110536	S3032	110584	S5027	115881	S6123	113129
S0262	116139	S3032	116306	S5029	114100	S6125	114660
S0264	114313	S3034	114100	S5029	115893	S9001	112251
S0271	111908	S3034	115893	S5030	114100	S9002	112821
S0272	114299	S3035	111335	S5030	115893	S9002	115870
S0273	115638	S3036	113267	S5031	114279	S9004	113794
S0275	115719	S3037	113773	S5032	113323	S9009	112304
S0282	115336	S3038	115947	S5033	111971	S9010	111214
S0286	114275	S3041	112286	S5034	110808	S9011	112388
S0289	114316	S3042	111047	S5035	113897	S9012	113130
S0290	115825	S3043	114176	S5036	113964	S9014	112290
S0292	114689	S3044	114034	S5037	111730	S9015	111374
S0303	115941	S3045	111015	S5038	113927	S9016	110522
S0400	115942	S3047	111231	S5041	114893	S9020	113905
S0461	115943	S3050	111404	S5042	114058	S9021	110565
S0475	114850	S3051	115522	S5044	113930	S9024	114254

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S9024.....	116134	002/906.....	110206	IM617.....	110531	12317508052.....	112426
S9025.....	110634	002/907.....	110206	IM623.....	111219	12317508054.....	112426
S9026.....	112242	002/909.....	110206	IM636.....	110531	12317508258.....	112426
S9028.....	110635	002/911.....	110206	IM637.....	112120	12317508286.....	112426
S9030.....	113906	012/810.....	110537	IM641.....	110205	12317509100.....	112413
S9031.....	112340	808002.....	110206	IM642.....	112119	12317509113.....	112413
S9032.....	113910	IM1.....	110512	IM643.....	110214	12317509342.....	114147
S9033.....	113911	IM1/1.....	110512	IM645.....	110212	12317511603.....	112413
S9033.....	116157	IM131.....	110601	IM653.....	111231	12317511604.....	112413
S9034.....	110656	IM16.....	110207	IM665.....	112116	12317512151.....	113871
S9035.....	114119	IM16/1.....	110601	IM801.....	110210	12317512151.....	115867
S9036.....	113908	IM17/1.....	110512	VG921/W.....	110544	12317515029.....	114147
S9036.....	116062	IM21-5/24.....	110601			12317515030.....	114258
S9043.....	111332	IM310.....	110206	BMW		12317515033.....	114080
S9044.....	110536	IM312.....	110212	1079452.....	114258	12317515426.....	114080
S9044.....	116139	IM316.....	110213	12311079452.....	114258	12317516098.....	116165
S9045.....	110462	IM320.....	110512	12311247288.....	111946	12317516104.....	113871
S9045.....	116137	IM321.....	110601	12311247310.....	111946	12317516107.....	116165
S9046.....	111752	IM322.....	110932	12311276139.....	110877	12317516721.....	116165
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		IM607.....	110212	12317507995.....	115473	12317555926.....	116121

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12317603778	116189	12411740374	111911	12417796892	114091	1740374	111911
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0001107461	115770	0001108111	111269	0001108428	114869	0001109303	114054
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0120689520	111629	0121715047	116038	0123310049	111884	0123510004	111850
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0120689530	116063	0121715080	115910	0123310054	113447	0123510018	111850
0120689532	111629	0121715102	115753	0123315001	111352	0123510021	111850
0120689533	111629	0121715103	116038	0123315002	111353	0123510022	111902
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0120689538	112302	0121715108	115412	0123315013	111873	0123510027	111988
0120689539	112302	0121715112	116120	0123315015	113832	0123510028	113758
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0120689541	111842	0121715114	115532	0123315017	113832	0123510039	112530
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0120689551	111629	0121715118	116169	0123315500	112406	0123510053	112709
0120689552	112343	0121715124	115671	0123315501	112529	0123510060	112196
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0123510061	112806	0124225058	115746	0124325096	115621	0124425037	114463
0123510063	111732	0124225063	113722	0124325097	113888	0124425041	114829
0123510066	112530	0124225063	115963	0124325099	113871	0124425050	115306
0123510067	112530	0124225064	115952	0124325099	115867	0124425053	113352
0123510068	111902	0124315001	113340	0124325100	113913	0124425056	113352
0123510073	115844	0124315003	112075	0124325101	112079	0124425057	115304
0123510074	112196	0124315004	112075	0124325101	114789	0124425058	114510
0123510074	115987	0124315005	112273	0124325102	114131	0124425059	114088
0123510075	112196	0124315006	112075	0124325105	113889	0124425060	115843
0123510075	115987	0124315014	112419	0124325108	114200	0124425070	115382
0123510079	111902	0124315016	113296	0124325116	114781	0124425071	114463
0123510080	111883	0124315019	113285	0124325122	114705	0124425074	114768
0123510081	111902	0124315024	113296	0124325125	113874	0124425077	114146
0123510082	112197	0124315025	113296	0124325127	113874	0124425085	116203
0123510100	111902	0124315027	113285	0124325128	114769	0124425087	116202
0123510101	111883	0124315029	113296	0124325129	115621	0124425093	114463
0123510107	112197	0124315032	113340	0124325130	115370	0124425096	114510
0123510108	112197	0124315033	114024	0124325131	112079	0124425097	114088
0123512500	112062	0124315035	112075	0124325135	111989	0124425097	115487
0123515003	113770	0124315100	113285	0124325135	115482	0124425100	113955
0123515004	112193	0124320001	112407	0124325137	111989	0124425111	114463
0123515012	113758	0124320002	113280	0124325139	114131	0124425112	114829
0123515014	111988	0124325001	112079	0124325140	113887	0124510001	114701
0123515016	111898	0124325001	114789	0124325141	115764	0124515001	116170
0123515017	111828	0124325003	111989	0124325142	115714	0124515004	115619
0123515018	111988	0124325003	115482	0124325145	112190	0124515005	112415
0123515020	111828	0124325004	112043	0124325148	113536	0124515010	112002
0123515022	112193	0124325006	116343	0124325149	112079	0124515010	115483
0123515024	113758	0124325008	112418	0124325150	112274	0124515011	112002
0123515500	113949	0124325009	112190	0124325157	115658	0124515012	112002
0123515501	113949	0124325010	113832	0124325158	115658	0124515013	113754
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0123515503	113949	0124325012	112079	0124325163	114668	0124515017	112078
0123520002	113885	0124325013	112274	0124325166	114681	0124515018	112078
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0123520007	111850	0124325018	112396	0124325169	114392	0124515020	113754
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0123520011	113489	0124325020	116017	0124325171	114492	0124515022	113275
0123520012	113489	0124325021	113888	0124325172	114202	0124515025	113882
0123520013	113489	0124325022	113888	0124325176	114131	0124515026	112397
0123520015	114735	0124325023	111967	0124325178	114019	0124515027	113283
0123520017	113489	0124325024	112144	0124325178	116047	0124515028	113751
0123520022	114452	0124325025	112399	0124325185	112144	0124515033	113352
0123520023	112425	0124325030	113871	0124325186	114131	0124515034	113283
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0123525500	115879	0124325031	112144	0124325221	114202	0124515040	113751
0123525501	113289	0124325032	112274	0124325248	113913	0124515042	116170
0123525502	112427	0124325035	113888	0124415002	112416	0124515045	112535
0123525502	115871	0124325039	113889	0124415005	113879	0124515046	113300
0123525503	113923	0124325040	113301	0124415007	112144	0124515050	112193
0123525503	115879	0124325044	114769	0124415008	111426	0124515053	116337
0123540002	112194	0124325045	113301	0124415009	113352	0124515054	112072
0123540003	112194	0124325046	113889	0124415010	112720	0124515055	113835
0123540004	112194	0124325049	112396	0124415011	112190	0124515056	113302
0123545001	112557	0124325052	113280	0124415013	112144	0124515058	113751
0123545003	112557	0124325053	113279	0124415014	112144	0124515059	116337
0123545004	112194	0124325056	113874	0124415015	113942	0124515061	112197
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0124220008	113791	0124325060	113536	0124415029	113298	0124515068	113754
0124225001	111824	0124325062	113871	0124415030	113298	0124515072	115835
0124225002	111990	0124325062	115867	0124415031	113298	0124515073	115835
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0124225020	114040	0124325079	114709	0124415043	112144	0124515087	113836
0124225022	111824	0124325079	116332	0124415047	112144	0124515088	113877
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0124225024	111990	0124325080	116332	0124425005	114431	0124515091	112197
0124225028	112229	0124325081	113874	0124425006	115619	0124515095	113352
0124225037	114040	0124325083	115370	0124425009	115619	0124515098	113871
0124225041	111824	0124325084	115416	0124425013	114463	0124515101	113275
0124225046	111990	0124325085	115416	0124425015	115846	0124515105	115677
0124225049	111824	0124325087	114781	0124425018	114768	0124515110	112002
0124225050	111990	0124325088	112079	0124425019	113352	0124515113	114701
0124225051	114311	0124325090	113874	0124425020	114431	0124515114	112197
0124225052	114290	0124325091	115621	0124425022	112416	0124515115	114210
0124225053	114667	0124325093	113889	0124425027	115619	0124515117	112002
0124225055	114291	0124325093	115485	0124425029	114463	0124515118	112197
0124225056	115648	0124325095	114769	0124425034	115382	0124515119	112002



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0124515120	114701	0124525139	114721	0124615009	116172	0124655039	115618
0124515121	112002	0124525140	114354	0124615012	114836	0124655057	116098
0124515123	112002	0124525141	113837	0124615015	112425	0124655065	115481
0124515124	112002	0124525143	116199	0124615017	113884	0124655073	115805
0124515125	112002	0124525146	115730	0124615018	114663	0124655082	114296
0124515126	112062	0124525147	113949	0124615019	112425	0124655097	113351
0124515131	113835	0124525151	115649	0124615021	115763	0124655097	115557
0124515132	113302	0124525171	116171	0124615026	116173	0124655102	116098
0124515198	113877	0124525187	115433	0124615027	112461	0124655125	115808
0124525001	113272	0124525188	115528	0124615029	113899	0124655161	115808
0124525008	113510	0124525200	115767	0124615030	114834	0124655173	114880
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0124525014	113272	0124525208	114354	0124615033	112425	0124655291	115805
0124525015	114468	0124525220	115767	0124615035	112197	0124655292	115805
0124525016	113273	0124525221	115765	0124615038	113884	0124655293	114314
0124525017	114257	0124525222	115765	0124615040	113884	0124655294	114314
0124525019	115907	0124525223	115767	0124615041	114825	0124655331	114078
0124525020	114765	0124525226	115367	0124615043	114379	0124655331	115494
0124525026	113858	0124525520	113510	0124615044	114836	0124655332	114078
0124525026	115976	0124525525	113992	0124615046	114836	0124655332	115494
0124525027	113275	0124525526	114844	0124615049	114836	0124655333	115824
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0124525029	113272	0124525529	113272	0124615053	115987	0124655405	114314
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0124525035	113640	0124525536	115716	0124625006	113951	0125711005	115576
0124525039	113992	0124525538	115649	0124625007	114737	0125711014	115606
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0124525042	113871	0124525540	114354	0124625018	113947	0125711028	115759
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0124525043	114122	0124525543	115528	0124625020	115318	0125711048	115606
0124525044	113837	0124525544	115767	0124625022	115383	0125711054	115759
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0124525045	115867	0124525561	113871	0124625024	115708	0125711058	116061
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0124525125	115452	0124555065	115497	0124655026	114753	0986010200	110793
0124525126	114844	0124555117	114089	0124655034	113351	0986010200	111066
0124525128	113884	0124555117	115495	0124655036	115617	0986010201	110793
0124525130	115955	0124555118	114089	0124655036	115618	0986010201	111066
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0124525135	114122	0124615002	112460	0124655038	113351	0986010248	111131
0124525136	115716	0124615006	113884	0124655038	115557	0986010268	111068
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0986010308	111131	0986011310	110517	0986012627	113446	0986013680	116139
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0986010311	110585	0986011311	110517	0986012670	110529	0986013690	110545
0986010360	110858	0986011311	110521	0986012670	110813	0986013690	114254
0986010367	110858	0986011330	110518	0986012671	110813	0986013690	116134
0986010398	111131	0986011331	110518	0986012680	112135	0986013700	113484
0986010400	110336	0986011340	110520	0986012690	110368	0986013720	113468
0986010401	110336	0986011360	110524	0986012700	113464	0986013733	110206
0986010407	110336	0986011370	112132	0986012710	110530	0986013740	110365
0986010408	110336	0986011380	111637	0986012720	110522	0986013741	110365
0986010408	111131	0986011430	110214	0986012730	110535	0986013770	112670
0986010450	112124	0986011440	110531	0986012740	110208	0986013801	110793
0986010451	112124	0986011460	110534	0986012780	111047	0986013850	110584
0986010468	110865	0986011480	114438	0986012821	110260	0986013850	116306
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0986010530	110363	0986011490	110210	0986012871	110315	0986013861	111063
0986010547	110363	0986011510	110210	0986012871	110479	0986013910	113389
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0986010591	112541	0986011530	110537	0986012911	110278	0986013941	111025
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0986010601	111115	0986011550	110512	0986012931	110256	0986014051	111442
0986010610	110772	0986011570	110206	0986012940	116040	0986014061	111442
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0986010658	110160	0986011611	111102	0986013010	111347	0986014141	111461
0986010658	111489	0986011651	110367	0986013017	111347	0986014141	111476
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0986010920	110996	0986011748	110866	0986013120	110587	0986014351	110394
0986010927	110996	0986011770	111063	0986013120	111070	0986014361	111561
0986010928	110996	0986011771	111063	0986013121	110587	0986014371	111310
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0986014971	110389	0986016470	112235	0986017500	112006	0986018410	112236
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0986019550	114160	0986020880	113608	0986022290	115333	0986023420	110576
0986019557	114160	0986020890	114297	0986022297	115333	0986023430	112823
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0986019820	113181	0986021051	112218	0986022440	112534	0986023470	111552
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0986019873	113276	0986021230	114091	0986022510	115542	0986023560	114071
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH <i>Continued</i>							
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0986024990	114310	0986030057	111225	0986030938	111168	0986032381	110137
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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9000333117	110585	9120690170	110497	F000AL0310	114123	497596	110635
9000333118	111131	9120690291	112735	F000AL0319	111422	498148	112242
9000333119	111131	9120690298	112735	F000AL0320	113962	498149	114517
9000333121	110394	9120690438	111094	F000AL0321	115524	499521	112563
9000333122	110365	9123320007	111477	F000AL0327	110584	499529	112563
9000334102	110365	9123320016	111478	F000AL0327	116306	691262	112563
9000334103	111475	9123369044	111369	F000BL0101	113791	691564	113539
9000692050	111059	9124476014	113474	F000BL0407	116174	693054	110634
9000692051	110864	9124476048	112325	F000BL0408	116175	693469	113539
9000692062	110858	9124476602	111795	F000BL0456	116174	693551	113853
9000692069	110149	9127041200	112149	F000BL0457	116299	693552	114519
9000694029	111748	9127041201	112149	F000BL04M7	116175	694504	115591
9004475035	110615	9129080088	110112	F000BL0615	115370	695479	115592
9004475058	110565	B001110043	112321	F000BL0636	115695	715208	115469
9004475061	111346	B001110097	111848	F000BL06A0	115695	795121	112563
9004475300	111103	B001110116	111059	F000BL06ZB	115370	807383	114716
9004475310	110367	B001111010	111347	F000BL0704	115458	808106	113539
9007042024	110363	B001111025	110336	F000BL0704	116177	809054	114716
9007044002	110525	B001111100	111347	F000BL0705	115455	825222	115425
9007044014	110462	B001111143	111347	F000BL0705	116321	825577	115319
9007044014	116137	B001111158	114118	F000BL0707	116176	825700	115755
9007045016	111312	B001111399	113443	F000BL07N9	115458	844717	113539
9120060023	113716	B001111475	111030	F000BL07N9	116177		
9120060027	111216	B001116092	111995	F000BL07P9	115455		
9120060028	113716	B001117012	110839	F000BL07P9	116321		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BUTEC							
110207	110207	860157	112757	MS1-103	111000	CAL10155	115483
851078	111000	860166	111629	MS1-124	111000	CAL10157	113280
851122	111000	860170	111629	MS1-401	111000	CAL10158	113953
851339	111000	860304	112055	MS1-401A	111000	CAL10159	111649
854477	111295	860305	111910	MS1-401C	111000	CAL10165	112780
855689	111000	860306	111886	MS1-403A	111000	CAL10169	112765
857466	110205	860318	111760	MS1A/20	111000	CAL10170	112746
857468	110210	860321	111982	MS1A/25	111000	CAL10171	114781
857470	110206	860334	111000	MS4/406	111097	CAL10173	111354
857472	110527	860500	110205	MS4-406	111097	CAL10175	111164
857475	110113	860504	110208	MS7-410C	110347	CAL10177	113376
857479	110113	860505	112119	CARRIER			
857612	111295	860506	110210	29-50096	112249	CAL10179	111169
857621	111295	860508	110206	30-00171-00	110408	CAL10181	112056
857626	111295	860509	110981	30-00171-11	110408	CAL10182	111288
857633	111295	860511	112116	30-00228-00	110408	CAL10183	111288
857638	111295	860512	110980	30-00306-00	110408	CAL10187	112056
858085	111295	860516	110582	30-00306-02	110408	CAL10189	110923
858318	111640	860520	112507	30-00306-03	110408	CAL10195	110360
858442	111000	860542	110538	30-00306-04	110408	CAL10198	111426
858444	111000	860548	110214	30-00306-05	110408	CAL10201	112680
858506	111000	860551	111746	30-00308-00	112249	CAL10203	113447
858693	111295	860558	112159	30-00351-00	110408	CAL10204	111884
858762	111574	860559	112561	30-00351-02	110408	CAL10205	111676
858773	110116	860560	112076	30-00351-03	110408	CAL10209	111884
858776	111355	860562	112803	30-00351-04	110408	CAL10211	113486
858780	110524	860568	112493	30-00351-05	110408	CAL10216	111732
858787	110968	860627	111295	30-60050-04	114084	CAL10217	113770
858878	110980	860628	111295	CASCO			
858879	112119	860629	111295	CAL10100	113640	CAL10219	113758
858880	112345	860655	110535	CAL10104	113536	CAL10220	111988
858881	110205	860714	114387	CAL10105	112194	CAL10222	112557
858882	111834	860810	114296	CAL10106	112729	CAL10223	111824
858885	110077	860818	112446	CAL10107	112190	CAL10227	112273
858979	111000	860818	116135	CAL10108	111354	CAL10228	113285
859020	110116	860822	114193	CAL10109	113889	CAL10229	112274
859021	110981	860822	115877	CAL10110	112426	CAL10230	110360
859022	111399	870604	113453	CAL10111	112428	CAL10231	112086
859023	111568	870640	110449	CAL10112	112407	CAL10232	111812
859422	111097	870644	110566	CAL10113	111369	CAL10233	113947
859432	111097	870648	112091	CAL10114	111989	CAL10234	113454
859437	111295	870653	112090	CAL10115	111093	CAL10235	110881
859438	111295	870655	111097	CAL10116	112453	CAL10236	113632
859440	111295	870658	112091	CAL10117	111352	CAL10237	111888
859477B	110176	870660	110566	CAL10118	110358	CAL10239	113279
859477PB	110176	870663	111097	CAL10119	112149	CAL10241	114040
859490PB	110175	880624	111295	CAL10120	112529	CAL10243	112079
859506	111399	880626	111295	CAL10121	111479	CAL10244	114789
859534	111638	880627Z	111295	CAL10122	112194	CAL10245	112414
859535	110527	880655	111295	CAL10123	112530	CAL10246	113296
859537	110524	A5524/30	111295	CAL10124	111828	CAL10247	112418
859538	111640	A5524/37	111295	CAL10127	113300	CAL10248	113832
859539	110523	A5524/46	111295	CAL10128	112406	CAL10249	112399
859542	110518	A5524/56	111295	CAL10129	112075	CAL10250	112396
859544	111295	A5524/58	111295	CAL10130	114836	CAL10251	114200
859605	111295	LNA5524/0	111295	CAL10131	114769	CAL10252	113275
859820	110895	LNA5524/1	111295	CAL10132	114765	CAL10253	116337
859866Z	110173	LNA5524/2	111295	CAL10133	114663	CAL10254	116173
859883	110442	LNA5524/3	111295	CAL10134	113913	CAL10255	113947
859983	112803	LNA5524/7	111295	CAL10137	111899	CAL10256	115383
860052	111295	LNA7524	110173	CAL10139	112144	CAL10259	114466
860100	113389	LNS2800	112267	CAL10140	113274	CAL10260	113298
860103	113466	LNS2810	111041	CAL10141	113944	CAL10261	113280
860104	110517	LNS2820	110602	CAL10142	112197	CAL10262	113942
860106	113380	LNS2830	110590	CAL10144	113951	CAL10263	113754
860109	110525	LNS4524/12	111638	CAL10145	112144	CAL10264	112043
860110	110980	LNS4524/13	110527	CAL10146	111154	CAL10265	115987
860115	110535	LNS4524/15	110524	CAL10147	113485	CAL10266	111883
860121	110208	LNS4524/16	111640	CAL10148	111153	CAL10268	113888
860123	111231	LNS4524/17	110523	CAL10149	112806	CAL10271	113301
860125	110582	LNS4524/20	110518	CAL10150	114391	CAL10272	112425
860130	110525	LNS4524/4	111097	CAL10151	112193	CAL10273	115716
860132	110210	LNS4524/7	111097	CAL10152	111890	CAL10274	114656
860134	112076	LNS4524/9	111399	CAL10153	112535	CAL10275	113510
860135	112345	MS1/401A	111000	CAL10154	113751	CAL10277	113187
860138	112343	MS1/411AZ	111000	CAL10155	112002	CAL10278	112415
860140	110889	MS1/453	111100				
860150	110077	MS1-101	111000				
860151	112159						
860155	110116						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL10288	115677	CAL10390	115532	CAL10561	115714	CAL10669	115805
CAL10289	113945	CAL10391	116012	CAL10570	110105	CAL10672	112343
CAL10290	113949	CAL10395	115433	CAL10572	115739	CAL10673	115808
CAL10293	115907	CAL10396	115753	CAL10600	110113	CAL10674	116459
CAL10294	113272	CAL10398	112720	CAL10601	113923	CAL10676	113188
CAL10296	111141	CAL10399	114768	CAL10601	115879	CAL10677	113351
CAL10297	114210	CAL10400	112406	CAL10602	113188	CAL10677	115557
CAL10300	113837	CAL10401	114311	CAL10602	115484	CAL10678	113351
CAL10301	114353	CAL10402	114290	CAL10603	112427	CAL10680	113351
CAL10302	114700	CAL10403	114667	CAL10603	115871	CAL10681	112343
CAL10303	116343	CAL10405	114291	CAL10604	113923	CAL10682	110766
CAL10305	114701	CAL10408	113442	CAL10604	115879	CAL10692	114314
CAL10307	113958	CAL10409	114844	CAL10605	112076	CAL10693	113920
CAL10308	114064	CAL10411	112557	CAL10606	114089	CAL10696	111146
CAL10309	115417	CAL10412	115678	CAL10606	115495	CAL10704	110116
CAL10310	114898	CAL10413	114383	CAL10607	115496	CAL10705	112424
CAL10312	115365	CAL10413	116361	CAL10608	112561	CAL10708	111833
CAL10313	115837	CAL10414	114211	CAL10609	113289	CAL10709	112302
CAL10314	114431	CAL10415	115434	CAL10610	112159	CAL10710	112343
CAL10315	114463	CAL10417	113536	CAL10611	111886	CAL10711	111629
CAL10316	114122	CAL10418	114312	CAL10612	111833	CAL10716	111629
CAL10317	111843	CAL10419	115746	CAL10612	116063	CAL10717	113284
CAL10318	113888	CAL10420	113992	CAL10613	111842	CAL10718	115617
CAL10319	114701	CAL10421	115455	CAL10614	111987	CAL10719	113448
CAL10320	114705	CAL10421	116321	CAL10615	113448	CAL10722	113351
CAL10320	115490	CAL10422	116176	CAL10616	111834	CAL10723	113351
CAL10322	112078	CAL10424	115458	CAL10617	111528	CAL10724	113351
CAL10323	115473	CAL10424	116177	CAL10618	112345	CAL10725	113351
CAL10324	112079	CAL10425	115966	CAL10619	111746	CAL10726	113351
CAL10325	114392	CAL10429	113352	CAL10620	112803	CAL10727	113351
CAL10326	114088	CAL10430	115461	CAL10621	113351	CAL10728	114212
CAL10327	114737	CAL10430	116061	CAL10622	116117	CAL10729	114212
CAL10328	112098	CAL10432	115955	CAL10622	116118	CAL10731	114407
CAL10329	113273	CAL10433	115909	CAL10623	114753	CAL11103	110422
CAL10330	111980	CAL10434	115671	CAL10623	115498	CAL11104	112996
CAL10331	114705	CAL10436	115304	CAL10624	114212	CAL11105	110488
CAL10332	112190	CAL10437	113955	CAL10625	114016	CAL11106	110487
CAL10333	115619	CAL10439	114202	CAL10626	114212	CAL11107	111948
CAL10334	114510	CAL10440	115606	CAL10626	115488	CAL11108	110497
CAL10335	114658	CAL10442	114468	CAL10627	115617	CAL11109	111576
CAL10336	115678	CAL10443	114146	CAL10627	115618	CAL11111	111575
CAL10337	114834	CAL10445	115804	CAL10628	114296	CAL11112	116079
CAL10338	111353	CAL10446	115846	CAL10628	115489	CAL11113	112112
CAL10339	112529	CAL10448	111843	CAL10629	113351	CAL11114	110959
CAL10339	116129	CAL10449	115412	CAL10630	113284	CAL11118	113898
CAL10342	115709	CAL10450	116175	CAL10630	115491	CAL11119	111761
CAL10343	115318	CAL10451	115759	CAL10631	112302	CAL11120	110408
CAL10345	111902	CAL10452	116169	CAL10632	112189	CAL11122	110976
CAL10346	115382	CAL10453	115648	CAL10633	114212	CAL11123	113898
CAL10347	112428	CAL10454	116100	CAL10634	113295	CAL11600	111295
CAL10348	114454	CAL10455	111850	CAL10635	112747	CAL11601	111295
CAL10349	113707	CAL10457	114668	CAL10637	111146	CAL11602	111295
CAL10350	113272	CAL10458	113884	CAL10638	114028	CAL11604	112560
CAL10351	113489	CAL10460	112419	CAL10638	115493	CAL11607	110176
CAL10352	112075	CAL10461	115576	CAL10639	113470	CAL11608	110176
CAL10354	111216	CAL10463	114825	CAL10640	113186	CAL11609	113549
CAL10356	115452	CAL10464	116174	CAL10642	112170	CAL11624	113549
CAL10358	115708	CAL10467	112734	CAL10643	112493	CAL11628	110173
CAL10358	116352	CAL10480	114379	CAL10644	110766	CAL11629	110577
CAL10359	111824	CAL10483	115765	CAL10645	115617	CAL11631	112261
CAL10360	115604	CAL10488	115695	CAL10645	115618	CAL11634	113186
CAL10361	114681	CAL10494	115695	CAL10646	114036	CAL11635	114347
CAL10362	114666	CAL10495	113885	CAL10646	116116	CAL11636	114348
CAL10363	114230	CAL10496	115649	CAL10647	114007	CAL11639	115386
CAL10364	114492	CAL10497	116057	CAL10647	115486	CAL11641	115481
CAL10366	113889	CAL10501	111898	CAL10648	114008	CAL11646	110427
CAL10369	115541	CAL10502	114701	CAL10650	113895	CAL12100	112229
CAL10370	115753	CAL10503	112742	CAL10653	114314	CAL12102	113772
CAL10372	114019	CAL10504	115306	CAL10655	113998	CAL12103	111514
CAL10372	116047	CAL10505	112098	CAL10655	115492	CAL12104	112165
CAL10374	114257	CAL10509	111991	CAL10656	116098	CAL12109	111712
CAL10375	115544	CAL10510	115952	CAL10657	115824	CAL12110	113771
CAL10376	114380	CAL10511	115843	CAL10658	112038	CAL12111	112853
CAL10376	116060	CAL10514	113489	CAL10659	114078	CAL12113	111223
CAL10377	116120	CAL10515	115905	CAL10659	115494	CAL12115	112720
CAL10377	116121	CAL10518	110913	CAL10661	115481	CAL12119	116168
CAL10378	115367	CAL10521	112799	CAL10662	114296	CAL14100	112151
CAL10381	114780	CAL10531	111820	CAL10665	112302	CAL14101	111293
CAL10385	114829	CAL10535	116299	CAL10666	111833	CAL14102	113709
CAL10386	114836	CAL10551	115532	CAL10666	116063	CAL14103	113708
CAL10387	114463	CAL10558	116174	CAL10667	116098	CAL14104	115543

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CAL14105	113912	CAL15177	111082	CAL15303	113404	CAL15412	112772
CAL14107	113709	CAL15179	111075	CAL15304	114084	CAL15414	115364
CAL14108	113913	CAL15182	115549	CAL15305	113961	CAL15416	113442
CAL14109	113710	CAL15188	111319	CAL15306	113406	CAL15417	116337
CAL14109	116124	CAL15192	112679	CAL15311	111226	CAL15419	111989
CAL14110	113710	CAL15195	111319	CAL15313	113950	CAL15419	115482
CAL14110	116124	CAL15199	111071	CAL15314	113992	CAL15420	115356
CAL14111	113710	CAL15204	112800	CAL15317	114699	CAL15422	115437
CAL14111	116124	CAL15206	112703	CAL15318	115531	CAL15427	115437
CAL14112	112939	CAL15208	113253	CAL15319	112144	CAL15428	115580
CAL14113	114120	CAL15210	112648	CAL15320	114451	CAL15430	116179
CAL14114	113912	CAL15211	111722	CAL15322	114835	CAL15431	115713
CAL14114	116362	CAL15214	112679	CAL15323	112197	CAL15431	116319
CAL14116	112947	CAL15217	110743	CAL15324	110931	CAL15444	114879
CAL14117	112958	CAL15220	111788	CAL15325	116038	CAL15447	113861
CAL14122	111199	CAL15221	111946	CAL15326	113896	CAL15448	115854
CAL15009	116022	CAL15222	112772	CAL15326	116158	CAL15449	115707
CAL15012	113835	CAL15223	111478	CAL15327	114524	CAL15450	115653
CAL15016	115767	CAL15226	111318	CAL15327	116295	CAL15452	114757
CAL15029	110975	CAL15231	113868	CAL15328	114189	CAL15454	115587
CAL15030	115475	CAL15232	112461	CAL15329	115621	CAL15456	115730
CAL15100	113720	CAL15233	113246	CAL15330	114720	CAL15457	115433
CAL15100	116064	CAL15234	112199	CAL15331	114042	CAL15458	115730
CAL15102	113940	CAL15235	112199	CAL15331	116113	CAL15460	113275
CAL15102	116048	CAL15236	112057	CAL15332	113881	CAL15462	114724
CAL15103	114673	CAL15238	112467	CAL15333	114664	CAL15466	115988
CAL15104	112458	CAL15239	111947	CAL15335	115419	CAL15468	115912
CAL15105	112471	CAL15241	112469	CAL15336	114882	CAL15469	115960
CAL15107	113640	CAL15243	111873	CAL15337	115411	CAL15470	114876
CAL15108	113919	CAL15245	111397	CAL15338	113946	CAL15470	116309
CAL15109	113405	CAL15246	113404	CAL15339	114832	CAL15471	115475
CAL15110	113575	CAL15248	113882	CAL15340	114509	CAL15474	115369
CAL15111	111076	CAL15249	113247	CAL15341	113862	CAL15476	114697
CAL15112	112756	CAL15250	112002	CAL15342	113874	CAL15478	115959
CAL15113	111321	CAL15250	115483	CAL15343	114866	CAL15479	115834
CAL15114	112769	CAL15251	113283	CAL15344	113253	CAL15480	114724
CAL15115	112756	CAL15252	113302	CAL15345	113302	CAL15481	116172
CAL15117	112681	CAL15253	112193	CAL15346	112193	CAL15482	115459
CAL15118	113722	CAL15254	113877	CAL15347	113946	CAL15485	115906
CAL15118	115963	CAL15255	114722	CAL15348	114189	CAL15486	115547
CAL15121	111967	CAL15256	113510	CAL15349	114102	CAL15487	115923
CAL15123	115711	CAL15257	114680	CAL15349	116068	CAL15488	115857
CAL15124	113721	CAL15258	111873	CAL15351	115856	CAL15489	115384
CAL15126	113858	CAL15259	113992	CAL15352	115413	CAL15490	113382
CAL15126	115976	CAL15260	113720	CAL15353	115659	CAL15493	115810
CAL15127	112468	CAL15260	116064	CAL15356	115622	CAL15497	111988
CAL15128	113251	CAL15261	113722	CAL15357	113881	CAL15499	115583
CAL15129	111719	CAL15261	115963	CAL15358	113881	CAL15499	116183
CAL15130	112397	CAL15262	113940	CAL15360	114811	CAL15500	114847
CAL15133	113577	CAL15262	116048	CAL15360	116311	CAL15502	115861
CAL15134	113245	CAL15263	114080	CAL15363	114884	CAL15505	116180
CAL15135	115310	CAL15264	112183	CAL15364	115859	CAL15506	114067
CAL15136	112162	CAL15266	112462	CAL15365	115919	CAL15508	115862
CAL15137	112754	CAL15267	110889	CAL15366	115414	CAL15512	115924
CAL15138	110619	CAL15269	113896	CAL15368	114292	CAL15519	114042
CAL15140	114026	CAL15269	116158	CAL15369	114039	CAL15519	116113
CAL15142	112287	CAL15270	113252	CAL15370	115858	CAL15520	114805
CAL15144	112688	CAL15271	112648	CAL15371	113253	CAL15523	116138
CAL15145	112058	CAL15272	112557	CAL15372	114082	CAL15532	116182
CAL15146	112059	CAL15274	112413	CAL15372	116043	CAL15534	114463
CAL15147	111718	CAL15275	112458	CAL15373	114306	CAL15535	112162
CAL15149	112782	CAL15276	113751	CAL15376	112274	CAL15537	115581
CAL15151	111943	CAL15277	115307	CAL15377	113510	CAL15540	115676
CAL15152	112292	CAL15278	113871	CAL15379	115370	CAL15551	115922
CAL15153	112292	CAL15280	116165	CAL15381	114721	CAL15555	115913
CAL15154	112230	CAL15282	112075	CAL15382	114385	CAL15556	116184
CAL15155	111498	CAL15284	113883	CAL15383	115587	CAL15558	115920
CAL15156	113603	CAL15286	114130	CAL15386	111397	CAL15561	116189
CAL15157	111532	CAL15286	116069	CAL15387	115860	CAL15563	115668
CAL15158	113485	CAL15287	114128	CAL15388	114848	CAL15567	115826
CAL15159	112679	CAL15289	111990	CAL15389	115582	CAL15572	115316
CAL15160	112480	CAL15290	113755	CAL15390	116186	CAL15575	115431
CAL15161	113407	CAL15291	112079	CAL15391	116066	CAL15577	115528
CAL15163	112299	CAL15291	114789	CAL15392	111075	CAL15583	114109
CAL15164	113500	CAL15292	114684	CAL15395	115667	CAL15587	115921
CAL15165	112460	CAL15293	114877	CAL15396	115910	CAL15597	115833
CAL15168	112472	CAL15294	114408	CAL15403	115582	CAL15600	111720
CAL15170	111937	CAL15295	113407	CAL15404	115438	CAL15604	111331
CAL15172	112298	CAL15297	115418	CAL15406	115631	CAL15605	113477
CAL15173	111841	CAL15298	114406	CAL15407	116185	CAL15607	111631
CAL15176	114831	CAL15302	112458	CAL15408	113862	CAL15608	111631

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL15609	114077	CAL21106	110970	CAL25115	111184	CAL30201	113336
CAL15611	111331	CAL21107	113469	CAL25123	111185	CAL30202	112718
CAL15613	112076	CAL21108	112389	CAL25600	111569	CAL30203	114384
CAL15614	111658	CAL21111	114289	CAL30100	111411	CAL30204	114754
CAL20100	111186	CAL21112	113768	CAL30101	111568	CAL30206	114895
CAL20101	111515	CAL21113	113529	CAL30102	111416	CAL30207	113763
CAL20102	112271	CAL21114	112046	CAL30103	113943	CAL30208	114284
CAL20103	110700	CAL21115	112773	CAL30104	113336	CAL30211	114462
CAL20105	113317	CAL21116	114513	CAL30105	112325	CAL30213	112384
CAL20106	113383	CAL21117	114772	CAL30106	112121	CAL30214	113621
CAL20107	111831	CAL21118	111078	CAL30107	112142	CAL30218	114451
CAL20108	113324	CAL21119	111687	CAL30108	112142	CAL30219	115429
CAL20109	111267	CAL21120	114669	CAL30109	110912	CAL30220	115346
CAL20110	110385	CAL21121	113610	CAL30110	111687	CAL30221	114493
CAL20111	110706	CAL21122	114000	CAL30112	111078	CAL30222	113720
CAL20112	110701	CAL21123	111820	CAL30113	110890	CAL30222	116064
CAL20114	111316	CAL21124	111843	CAL30114	111418	CAL30224	114249
CAL20115	112228	CAL21125	111662	CAL30114	115873	CAL30225	115647
CAL20116	113697	CAL21125	116131	CAL30115	111686	CAL30227	114494
CAL20120	111294	CAL21126	113991	CAL30116	110912	CAL30228	112719
CAL20121	112272	CAL21127	114228	CAL30117	113471	CAL30228	116331
CAL20124	110631	CAL21128	114192	CAL30118	111505	CAL30229	112719
CAL20125	111767	CAL21131	111418	CAL30119	111803	CAL30229	116331
CAL20126	111264	CAL21131	115873	CAL30120	111756	CAL30230	115429
CAL20128	111294	CAL21132	113471	CAL30124	111689	CAL30232	115852
CAL20129	110697	CAL21133	112062	CAL30125	111689	CAL30233	115429
CAL20131	113788	CAL21135	113768	CAL30126	111802	CAL30234	114706
CAL20132	113787	CAL21136	114191	CAL30128	114749	CAL30235	115620
CAL20133	111704	CAL21137	114513	CAL30129	111036	CAL30236	115762
CAL20134	110632	CAL21139	110348	CAL30130	111035	CAL30237	115308
CAL20136	113956	CAL21140	110770	CAL30132	112384	CAL30238	116089
CAL20137	112351	CAL21141	112238	CAL30133	112202	CAL30239	116094
CAL20141	111381	CAL21143	116114	CAL30134	113537	CAL30240	110611
CAL20143	111381	CAL21145	113986	CAL30135	113536	CAL30244	111620
CAL20144	113316	CAL21146	115689	CAL30137	111148	CAL30246	112718
CAL20145	113316	CAL21147	111978	CAL30141	111654	CAL30248	113529
CAL20147	110307	CAL21150	114896	CAL30145	111409	CAL30248	114896
CAL20150	112093	CAL21151	114004	CAL30149	111413	CAL30600	112097
CAL20155	110706	CAL21152	115682	CAL30151	115476	CAL30601	112097
CAL20156	113941	CAL21153	115682	CAL30152	111723	CAL30603	111987
CAL20157	114262	CAL21155	114379	CAL30153	111795	CAL30604	114302
CAL20158	112671	CAL21156	113899	CAL30154	112654	CAL30605	114714
CAL20160	113698	CAL21157	114450	CAL30156	112203	CAL30606	112097
CAL20161	113793	CAL21158	111888	CAL30157	113599	CAL30607	112097
CAL20162	113993	CAL21159	111036	CAL30159	112021	CAL30608	112097
CAL20163	112375	CAL21160	114868	CAL30160	112021	CAL30609	112097
CAL20169	110694	CAL21161	114784	CAL30161	112143	CAL32100	113518
CAL20170	110264	CAL21162	115608	CAL30163	114204	CAL32101	111929
CAL20171	110307	CAL21165	113533	CAL30164	113904	CAL32102	111309
CAL20172	113347	CAL21170	111686	CAL30165	113955	CAL32103	111405
CAL20175	114802	CAL21175	112698	CAL30168	112719	CAL32104	110802
CAL20179	114209	CAL21176	114840	CAL30168	116331	CAL32105	110804
CAL20180	113956	CAL21178	110911	CAL30169	113987	CAL32106	113652
CAL20183	112977	CAL21178	110913	CAL30170	113996	CAL32107	112327
CAL20192	115432	CAL21178	110975	CAL30171	113718	CAL32108	112333
CAL20193	114802	CAL21178	112098	CAL30172	115615	CAL32110	113657
CAL20195	113997	CAL21180	114681	CAL30173	114009	CAL32111	113328
CAL20196	115432	CAL21600	114110	CAL30175	114806	CAL32112	111929
CAL20199	113563	CAL21601	112097	CAL30175	115874	CAL32113	113519
CAL20204	110707	CAL21603	113738	CAL30176	113718	CAL32114	113331
CAL20205	111264	CAL21603	116155	CAL30177	114409	CAL32115	113792
CAL20206	114301	CAL21604	115381	CAL30178	114025	CAL32116	110540
CAL20208	114121	CAL21606	114464	CAL30179	115615	CAL32117	111406
CAL20209	114121	CAL21608	114767	CAL30180	114204	CAL32118	113519
CAL20233	116105	CAL21609	116023	CAL30181	114804	CAL32120	113600
CAL20238	114672	CAL21614	115851	CAL30182	111568	CAL32121	113330
CAL20243	113787	CAL25100	111176	CAL30184	113338	CAL32122	113791
CAL20244	116107	CAL25101	110891	CAL30185	113939	CAL32126	113863
CAL20600	111614	CAL25102	111623	CAL30186	113336	CAL32129	114857
CAL20601	110567	CAL25102	111742	CAL30186	113943	CAL32130	114495
CAL20604	112477	CAL25102	115890	CAL30187	113718	CAL32131	114467
CAL20606	113418	CAL25103	111623	CAL30189	114899	CAL32132	114827
CAL20610	115630	CAL25103	111742	CAL30190	113535	CAL32133	115853
CAL20611	116104	CAL25103	115890	CAL30193	113763	CAL32135	114287
CAL21100	111180	CAL25104	113683	CAL30194	113763	CAL32137	112334
CAL21100	116133	CAL25105	110759	CAL30195	115742	CAL32139	115409
CAL21101	110641	CAL25106	111185	CAL30196	113967	CAL32140	111710
CAL21102	111662	CAL25107	111364	CAL30198	114714	CAL32141	113792
CAL21102	116131	CAL25108	111289	CAL30199	113722	CAL32144	113343
CAL21103	112556	CAL25113	112650	CAL30199	115963	CAL32146	115855
CAL21104	112191	CAL25114	111361	CAL30200	113721	CAL32147	113330



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CAL32148	114827	CAL35191	111317	CAL35612	115602	CAL40178	114024
CAL32149	115654	CAL35192	114803	CAL35613	115800	CAL40181	115724
CAL32151	115815	CAL35193	110133	CAL35614	114508	CAL40182	115929
CAL32152	115632	CAL35194	113971	CAL35615	116042	CAL40185	115935
CAL32154	115980	CAL35196	113324	CAL35616	114861	CAL40186	111538
CAL32155	115747	CAL35198	114079	CAL35618	114407	CAL40190	110679
CAL32157	114219	CAL35199	113954	CAL35619	114880	CAL40195	113849
CAL32160	115692	CAL35201	114533	CAL35620	114303	CAL40196	115865
CAL32162	115827	CAL35203	111495	CAL35621	114846	CAL40197	111017
CAL32169	115587	CAL35204	113712	CAL35622	116164	CAL40201	114201
CAL32170	111710	CAL35206	115441	CAL35623	113886	CAL40202	111018
CAL32173	116226	CAL35207	115474	CAL35624	115315	CAL40203	111018
CAL32174	116226	CAL35208	113634	CAL35627	115586	CAL40204	114272
CAL32175	115603	CAL35209	114111	CAL35628	114809	CAL40206	113972
CAL32176	115603	CAL35214	111806	CAL35629	114382	CAL40207	112063
CAL32178	115715	CAL35216	115786	CAL35630	114843	CAL40208	111215
CAL32602	113506	CAL35217	114358	CAL35637	115798	CAL40209	115416
CAL35100	111797	CAL35218	113405	CAL35638	115799	CAL40211	113358
CAL35101	112128	CAL35221	115651	CAL35640	115800	CAL40212	113235
CAL35102	112457	CAL35222	115477	CAL35645	114845	CAL40213	113235
CAL35103	110806	CAL35223	114244	CAL35646	115577	CAL40214	111830
CAL35104	113403	CAL35228	115927	CAL35647	114880	CAL40216	114250
CAL35105	115438	CAL35230	115797	CAL35648	115832	CAL40217	112356
CAL35106	111279	CAL35233	114811	CAL35659	115454	CAL40218	115415
CAL35107	113785	CAL35233	116311	CAL35662	113506	CAL40220	114491
CAL35108	112129	CAL35234	115661	CAL40100	110620	CAL40224	115788
CAL35109	111872	CAL35236	112559	CAL40101	111483	CAL40225	113969
CAL35110	112205	CAL35237	114759	CAL40102	111705	CAL40228	115704
CAL35111	113952	CAL35238	114881	CAL40103	110927	CAL40229	114248
CAL35112	112270	CAL35240	115926	CAL40104	111048	CAL40231	115579
CAL35113	111240	CAL35241	112457	CAL40105	111578	CAL40232	115750
CAL35115	110664	CAL35242	112352	CAL40106	110967	CAL40234	114518
CAL35117	111339	CAL35244	115548	CAL40107	111437	CAL40236	115748
CAL35119	111237	CAL35245	115340	CAL40108	111468	CAL40237	115789
CAL35124	112328	CAL35246	114865	CAL40109	110138	CAL40239	114208
CAL35125	111587	CAL35248	115348	CAL40111	110564	CAL40246	114258
CAL35127	111747	CAL35249	114839	CAL40113	111609	CAL40247	115790
CAL35128	111238	CAL35250	115371	CAL40115	110682	CAL40248	110620
CAL35129	111956	CAL35251	115760	CAL40119	111610	CAL40250	114085
CAL35130	111626	CAL35254	114245	CAL40121	114300	CAL40251	114708
CAL35131	112359	CAL35256	113971	CAL40122	113742	CAL40254	114704
CAL35132	112327	CAL35262	114472	CAL40123	114218	CAL40255	116056
CAL35133	113562	CAL35263	115795	CAL40127	114227	CAL40257	114390
CAL35135	110805	CAL35265	115925	CAL40128	114411	CAL40258	115305
CAL35136	111315	CAL35266	114432	CAL40130	111605	CAL40259	114410
CAL35138	113035	CAL35271	115453	CAL40132	111963	CAL40260	113235
CAL35139	110659	CAL35277	114247	CAL40133	111042	CAL40262	115462
CAL35140	110128	CAL35278	114247	CAL40135	114828	CAL40263	114097
CAL35142	110136	CAL35280	114207	CAL40136	114828	CAL40264	115579
CAL35143	111384	CAL35281	116110	CAL40137	110496	CAL40265	115864
CAL35144	112067	CAL35285	116009	CAL40138	110629	CAL40266	110138
CAL35148	111342	CAL35288	113971	CAL40140	111518	CAL40267	112063
CAL35149	112349	CAL35295	116030	CAL40141	114188	CAL40268	112669
CAL35154	111285	CAL35297	114826	CAL40142	113715	CAL40269	114083
CAL35155	116020	CAL35298	114229	CAL40143	115791	CAL40271	115787
CAL35157	112332	CAL35303	115655	CAL40144	114041	CAL40272	111193
CAL35158	111375	CAL35306	116292	CAL40145	111435	CAL40273	114157
CAL35159	112352	CAL35309	115703	CAL40146	114386	CAL40274	114810
CAL35160	110802	CAL35310	116011	CAL40147	116366	CAL40276	113990
CAL35162	114129	CAL35311	113503	CAL40149	110679	CAL40279	115863
CAL35163	115550	CAL35314	115857	CAL40151	114043	CAL40287	114005
CAL35164	113321	CAL35317	115316	CAL40153	113365	CAL40288	110628
CAL35165	111832	CAL35318	115811	CAL40154	113970	CAL40291	114490
CAL35166	112355	CAL35319	113310	CAL40157	114405	CAL40292	115863
CAL35168	112328	CAL35331	113782	CAL40158	114206	CAL40293	113969
CAL35169	113832	CAL35332	115975	CAL40159	114679	CAL40295	115929
CAL35170	114112	CAL35343	115441	CAL40161	114147	CAL40297	114709
CAL35171	114187	CAL35344	116153	CAL40162	114158	CAL40297	116332
CAL35172	115317	CAL35350	116109	CAL40163	114006	CAL40298	114897
CAL35174	114489	CAL35366	112480	CAL40164	113922	CAL40299	114904
CAL35175	114841	CAL35372	116293	CAL40165	114243	CAL40300	114410
CAL35176	110318	CAL35376	111587	CAL40166	114011	CAL40302	114694
CAL35178	115368	CAL35600	112427	CAL40167	113296	CAL40303	114490
CAL35179	113348	CAL35600	115871	CAL40168	113989	CAL40305	114900
CAL35181	111626	CAL35601	113923	CAL40171	114010	CAL40306	114090
CAL35182	114214	CAL35602	110448	CAL40172	114377	CAL40308	114704
CAL35183	115453	CAL35603	111344	CAL40173	111598	CAL40309	115930
CAL35185	114807	CAL35605	113497	CAL40174	114231	CAL40310	114290
CAL35186	112069	CAL35608	114457	CAL40175	114012	CAL40311	114897
CAL35188	114859	CAL35609	114456	CAL40176	114065	CAL40312	113803
CAL35190	112492	CAL35611	115995	CAL40177	114251	CAL40313	115683

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CAL40314	113921	CAL45105	111361	CAL60609	112160	CST10170	115329
CAL40315	113246	CAL45106	112329	CAL60612	112160	CST10171	111015
CAL40319	115813	CAL45110	113786	CAL60613	112160	CST10172	115470
CAL40329	114290	CAL45111	111980	CAL60614	110300	CST10172	116013
CAL40330	114115	CAL45112	115652	CAL60618	114864	CST10173	113482
CAL40331	114010	CAL45116	112394	CAL60621	116291	CST10174	112034
CAL40332	115601	CAL45117	113888	CAL60624	110544	CST10175	110538
CAL40333	113089	CAL45118	115837	CAL60625	110952	CST10176	113963
CAL40335	110258	CAL46100	111846	CAS15100	114046	CST10177	115697
CAL40336	113978	CAL46101	114114	CDS10100	111225	CST10179	112497
CAL40337	115657	CAL46102	113498	CDS22100	110060	CST10180	113480
CAL40339	110179	CAL46103	113350	CDS22102	110061	CST10181	113268
CAL40349	115836	CAL46104	111708	CST10100	111065	CST10182	113307
CAL40354	114186	CAL46105	113349	CST10101	113387	CST10185	110368
CAL40357	110137	CAL46106	114350	CST10102	111996	CST10186	111115
CAL40359	111285	CAL46107	114412	CST10103	111909	CST10187	110844
CAL40361	115701	CAL46108	111846	CST10104	112005	CST10188	110363
CAL40364	114231	CAL46109	113349	CST10105	112053	CST10189	114741
CAL40367	114455	CAL46111	113498	CST10106	112321	CST10190	110519
CAL40368	115546	CAL46112	114114	CST10107	111748	CST10191	111752
CAL40369	113763	CAL46113	114114	CST10108	111749	CST10192	112135
CAL40371	115933	CAL46114	115366	CST10109	111489	CST10193	111217
CAL40372	115457	CAL46601	115690	CST10110	110793	CST10194	114051
CAL40372	116125	CAL46603	115969	CST10112	114758	CST10195	113346
CAL40373	114190	CAL47100	111279	CST10113	112006	CST10198	111750
CAL40375	115803	CAL47101	111950	CST10114	112439	CST10200	111848
CAL40379	114256	CAL47102	113322	CST10115	112286	CST10201	112445
CAL40389	116007	CAL47104	111279	CST10116	113674	CST10202	112431
CAL40390	115792	CAL47105	111779	CST10117	110585	CST10203	113276
CAL40408	114205	CAL47106	114215	CST10118	111911	CST10204	115540
CAL40412	110374	CAL48100	110622	CST10120	111123	CST10205	111127
CAL40416	115679	CAL48101	112387	CST10121	111059	CST10208	111865
CAL40422	115669	CAL48102	112273	CST10122	111685	CST10209	111995
CAL40435	114390	CAL48103	112075	CST10123	110536	CST10210	113446
CAL40436	114694	CAL48106	113340	CST10123	116139	CST10211	112167
CAL40441	114403	CAL48107	111353	CST10124	114477	CST10212	111694
CAL40443	115720	CAL48108	113531	CST10125	111900	CST10214	111908
CAL40444	115868	CAL48109	113543	CST10126	111029	CST10215	110839
CAL40447	113085	CAL48110	113632	CST10127	112309	CST10216	111123
CAL40488	113942	CAL48111	110542	CST10128	111851	CST10219	111131
CAL40493	114881	CAL48112	111843	CST10129	110336	CST10223	112537
CAL40503	114511	CAL49100	110350	CST10130	111120	CST10224	113134
CAL40601	111596	CAL50600	110562	CST10131	112440	CST10225	112454
CAL40607	111484	CAL50605	115445	CST10132	110862	CST10226	113181
CAL40608	111613	CAL50606	111051	CST10133	111059	CST10227	114395
CAL40609	110563	CAL50609	115445	CST10134	111400	CST10228	112442
CAL40610	115633	CAL50611	115445	CST10136	112172	CST10229	113478
CAL40611	114113	CAL50620	113212	CST10137	111060	CST10230	112071
CAL40614	116055	CAL50622	112160	CST10138	113515	CST10231	111004
CAL40618	111261	CAL50624	115814	CST10139	112435	CST10232	115567
CAL40619	115385	CAL50627	115994	CST10140	113846	CST10233	111752
CAL40620	114813	CAL51100	111216	CST10141	111347	CST10234	115472
CAL40621	115794	CAL51101	113716	CST10142	111855	CST10235	111332
CAL41100	113903	CAL51102	113716	CST10142	116128	CST10236	111001
CAL41101	112334	CAL56100	115463	CST10143	115816	CST10237	110522
CAL41105	113656	CAL60100	110986	CST10144	110867	CST10238	110525
CAL41106	116096	CAL60101	112989	CST10145	110847	CST10239	111755
CAL41111	114766	CAL60102	111232	CST10146	111069	CST10240	111332
CAL41112	112506	CAL60103	110505	CST10147	111490	CST10241	111069
CAL41115	114766	CAL60105	113685	CST10148	113752	CST10244	110537
CAL42100	112578	CAL60106	113694	CST10149	111619	CST10245	114106
CAL42105	115380	CAL60109	111713	CST10150	110813	CST10247	113513
CAL42106	114726	CAL60112	110724	CST10151	110530	CST10248	113276
CAL42107	114235	CAL60113	114512	CST10152	113451	CST10249	114179
CAL42108	114779	CAL60114	114665	CST10153	113182	CST10250	113271
CAL42109	114728	CAL60115	114665	CST10154	110530	CST10251	113843
CAL42110	115526	CAL60118	110499	CST10155	112267	CST10252	111724
CAL42112	115911	CAL60119	110508	CST10156	115428	CST10253	113303
CAL42116	115410	CAL60123	116010	CST10157	111904	CST10254	114175
CAL42118	115761	CAL60125	114536	CST10158	112818	CST10255	113841
CAL44100	115660	CAL60126	111232	CST10159	111769	CST10256	113509
CAL44101	112358	CAL60128	114536	CST10160	111900	CST10258	114052
CAL44103	114288	CAL60131	110075	CST10161	113389	CST10259	113761
CAL44104	114203	CAL60600	110801	CST10162	112436	CST10260	114814
CAL44106	111435	CAL60602	112261	CST10164	112441	CST10261	112249
CAL44107	113306	CAL60603	112265	CST10165	112438	CST10263	110552
CAL44108	112101	CAL60604	111261	CST10166	112039	CST10264	114274
CAL44109	114361	CAL60605	111261	CST10167	113286	CST10267	110519
CAL44110	112363	CAL60606	112160	CST10168	114053	CST10268	114002
CAL45100	110168	CAL60607	112160	CST10169	114055	CST10269	113706
CAL45104	111280	CAL60608	112160	CST10170	113177	CST10271	112041

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CST10272	114460	CST10373	110813	CST10465	115402	CST10624	110601
CST10274	111823	CST10375	110529	CST10466	114776	CST10626	110534
CST10275	113678	CST10376	115324	CST10469	110842	CST10627	114744
CST10275	115507	CST10379	113281	CST10474	113843	CST10628	110535
CST10276	110537	CST10380	114304	CST10477	115818	CST10630	110932
CST10277	113935	CST10381	114195	CST10481	113900	CST10631	114446
CST10277	115501	CST10382	115420	CST10482	115698	CST10632	110512
CST10278	113842	CST10383	114068	CST10484	115770	CST10633	110212
CST10278	115508	CST10384	114177	CST10485	112304	CST10634	110582
CST10279	112429	CST10385	114395	CST10490	115946	CST10635	112129
CST10280	114054	CST10386	111030	CST10491	115986	CST10636	110980
CST10280	115516	CST10387	110772	CST10494	115344	CST10637	110981
CST10281	112221	CST10388	112496	CST10495	115996	CST10638	110206
CST10283	114723	CST10389	115942	CST10501	113981	CST10639	110532
CST10284	115535	CST10390	114317	CST10503	114742	CST10643	110531
CST10285	112074	CST10392	113705	CST10504	114126	CST10644	110205
CST10286	112444	CST10394	112267	CST10505	115735	CST10645	112119
CST10287	113931	CST10395	114676	CST10506	115961	CST10646	110214
CST10288	112534	CST10396	113467	CST10508	115638	CST10648	111231
CST10289	111851	CST10397	111304	CST10509	114837	CST10650	112116
CST10291	114265	CST10400	110590	CST10511	112441	CST10651	112116
CST10293	111851	CST10403	114091	CST10511	115505	CST10653	110484
CST10294	113430	CST10404	114162	CST10512	115395	CST10654	115756
CST10295	113773	CST10405	114740	CST10513	115646	CST10655	114523
CST10296	112430	CST10406	115312	CST10514	115696	CST10656	114033
CST10298	111793	CST10407	115398	CST10517	115444	CST10657	112494
CST10299	112434	CST10408	114692	CST10518	113182	CST10658	112446
CST10300	114094	CST10409	114849	CST10522	115733	CST10658	116135
CST10301	112440	CST10410	115335	CST10525	115771	CST10659	113759
CST10302	112537	CST10410	116059	CST10526	116024	CST10660	113466
CST10304	114021	CST10411	112553	CST10527	114275	CST10661	113183
CST10306	110519	CST10412	115333	CST10529	115732	CST10662	113277
CST10308	114233	CST10414	115938	CST10533	115588	CST10663	112055
CST10309	113959	CST10416	113292	CST10534	115768	CST10664	112498
CST10311	114126	CST10417	114297	CST10535	116065	CST10665	113484
CST10312	113613	CST10419	115542	CST10539	115558	CST10667	110527
CST10314	112040	CST10421	114775	CST10541	113847	CST10668	112670
CST10315	113282	CST10421	115502	CST10543	115560	CST10669	116041
CST10316	110831	CST10422	113430	CST10549	114315	CST10671	112037
CST10318	114176	CST10423	115939	CST10550	116002	CST10674	112581
CST10319	114092	CST10424	113960	CST10551	115335	CST10675	113608
CST10320	114174	CST10425	116045	CST10551	116059	CST10676	113851
CST10322	114181	CST10426	111010	CST10552	115962	CST10676	115885
CST10323	114316	CST10427	115336	CST10553	115998	CST10677	114196
CST10324	113745	CST10428	115515	CST10554	115900	CST10679	112494
CST10327	113677	CST10429	115940	CST10555	112014	CST10680	114196
CST10328	114062	CST10430	115635	CST10556	115334	CST10681	113760
CST10330	114294	CST10431	114689	CST10557	115736	CST10682	113891
CST10331	111422	CST10433	115825	CST10560	110530	CST10683	114031
CST10332	113962	CST10434	115559	CST10561	111001	CST10683	115892
CST10334	111421	CST10434	116054	CST10562	110443	CST10684	114220
CST10334	116327	CST10435	114299	CST10566	116082	CST10684	116132
CST10336	114160	CST10436	115948	CST10568	115561	CST10685	114266
CST10337	112660	CST10438	115394	CST10572	111906	CST10686	114236
CST10339	111885	CST10439	114886	CST10575	116259	CST10690	112581
CST10340	113968	CST10440	114054	CST10578	114034	CST10695	112651
CST10345	115423	CST10440	115516	CST10581	114746	CST10696	116040
CST10347	115941	CST10442	114869	CST10582	115539	CST10697	113184
CST10348	116039	CST10443	111855	CST10583	116083	CST10698	111219
CST10350	111041	CST10443	116128	CST10584	115999	CST10700	113979
CST10352	114096	CST10444	115311	CST10586	114742	CST10701	114398
CST10353	110522	CST10445	114173	CST10592	112041	CST10702	113466
CST10354	112236	CST10446	114020	CST10600	110213	CST10703	113468
CST10355	113269	CST10447	115399	CST10601	110206	CST10704	110533
CST10356	110551	CST10448	115400	CST10602	110210	CST10705	111637
CST10357	112052	CST10449	110536	CST10603	110212	CST10707	113466
CST10358	114321	CST10449	116139	CST10604	111771	CST10711	112055
CST10359	113181	CST10449	116312	CST10605	111910	CST10713	114170
CST10360	113478	CST10450	115717	CST10606	112224	CST10714	113934
CST10361	112071	CST10451	115563	CST10607	114313	CST10715	111003
CST10361	112555	CST10454	115997	CST10608	114073	CST10716	111638
CST10362	114050	CST10455	114833	CST10611	110523	CST10718	114523
CST10363	110814	CST10456	113303	CST10612	110524	CST10719	114376
CST10364	114093	CST10457	114178	CST10614	112132	CST10719	115513
CST10364	115512	CST10458	115570	CST10617	113980	CST10720	113980
CST10365	114295	CST10459	115717	CST10618	111640	CST10721	112174
CST10367	111001	CST10460	115636	CST10619	111399	CST10722	114001
CST10368	115375	CST10461	114850	CST10620	110512	CST10723	114527
CST10369	114402	CST10462	115401	CST10621	110207	CST10724	113859
CST10371	110539	CST10463	115338	CST10622	110582	CST10728	110206
CST10372	110814	CST10464	115337	CST10623	112507	CST10730	110532

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CST10734	110518	CST15100	116306	CST15203	116303	CST20132	110719
CST10735	110520	CST15101	111130	CST15204	111931	CST20133	111559
CST10736	110517	CST15102	111251	CST15205	112214	CST20134	116112
CST10737	114307	CST15103	113481	CST15206	113478	CST20135	114098
CST10742	114319	CST15104	111070	CST15207	113926	CST20136	110417
CST10743	115590	CST15105	111123	CST15208	111694	CST20137	112674
CST10750	110517	CST15106	110584	CST15209	112286	CST20138	111706
CST10754	113850	CST15106	116306	CST15210	111900	CST20139	112373
CST10761	112498	CST15107	111347	CST15211	113387	CST20140	110155
CST10764	110523	CST15108	113254	CST15212	113773	CST20141	110386
CST10769	110210	CST15109	112295	CST15213	114719	CST20143	111683
CST10770	110208	CST15110	112218	CST15214	112429	CST20144	112676
CST10771	110208	CST15112	111641	CST15215	113933	CST20145	110280
CST10773	112498	CST15113	111851	CST15217	111508	CST20148	116112
CST10776	111218	CST15115	115442	CST15218	115947	CST20149	111382
CST10777	114397	CST15117	114854	CST15219	112053	CST20150	112382
CST10779	112120	CST15119	113897	CST15220	113134	CST20151	113962
CST10781	114069	CST15120	112475	CST15221	114029	CST20152	113962
CST10783	116044	CST15121	115574	CST15226	115554	CST20154	112371
CST10785	112055	CST15123	115745	CST15227	114171	CST20155	112672
CST10786	111910	CST15124	115376	CST15228	114878	CST20155	116144
CST10791	115840	CST15125	111422	CST15229	111909	CST20156	114032
CST10796	110524	CST15126	115559	CST15230	114525	CST20157	113408
CST10803	114327	CST15126	116054	CST15232	114198	CST20158	111559
CST10804	114193	CST15127	110365	CST15234	113905	CST20159	115686
CST10804	115877	CST15128	113843	CST15235	111996	CST20161	115981
CST10811	116378	CST15129	112435	CST15238	114460	CST20164	111766
CST10814	110206	CST15130	115829	CST15239	112218	CST20167	112373
CST10814	110210	CST15131	115539	CST15240	112295	CST20168	115523
CST10816	113608	CST15131	116156	CST15242	115741	CST20170	111098
CST10816	113609	CST15134	115611	CST15244	113841	CST20171	112296
CST10816	113851	CST15135	115612	CST15246	115685	CST20178	110575
CST10818	113464	CST15136	113932	CST15247	115948	CST20179	114526
CST11100	110449	CST15137	112474	CST15248	114299	CST20180	110573
CST11105	110450	CST15138	113719	CST15249	114034	CST20181	114197
CST11107	110590	CST15138	115869	CST15250	115336	CST20183	114764
CST11108	110240	CST15139	111931	CST15251	113926	CST20185	114197
CST11111	110648	CST15140	110587	CST15253	110354	CST20186	112083
CST11112	114519	CST15141	111100	CST15254	115354	CST20190	114482
CST11117	112145	CST15142	110365	CST15255	115634	CST20194	114763
CST11600	110566	CST15143	113605	CST15257	115839	CST20195	114213
CST11601	110566	CST15144	111442	CST15258	115402	CST20195	114253
CST11602	112091	CST15145	111994	CST15261	114175	CST20197	114308
CST11603	111097	CST15147	111115	CST15263	115949	CST20199	114687
CST11606	113453	CST15148	111063	CST15264	116046	CST20202	112008
CST11608	112372	CST15149	111063	CST15265	115426	CST20205	114675
CST11613	113851	CST15150	111068	CST15266	115769	CST20209	115992
CST11613	115885	CST15151	110367	CST15272	116316	CST20216	110156
CST11623	112090	CST15152	110367	CST15274	115732	CST20217	116085
CST14100	112251	CST15153	110856	CST15275	115555	CST20218	115341
CST14101	112821	CST15154	112541	CST15276	115610	CST20219	113962
CST14101	115870	CST15155	111047	CST15284	113307	CST20221	115361
CST14103	113905	CST15162	113962	CST15285	110569	CST20222	114232
CST14104	112290	CST15164	112217	CST15291	111015	CST20223	114739
CST14105	113794	CST15165	114030	CST15603	111231	CST20226	114874
CST14106	113701	CST15167	114127	CST15604	114100	CST20228	111683
CST14107	113910	CST15167	116160	CST15604	115893	CST20232	114281
CST14108	113906	CST15168	114460	CST15605	111231	CST20233	110412
CST14109	113908	CST15169	112475	CST15608	111231	CST20241	114482
CST14109	116062	CST15171	113929	CST20100	111690	CST20249	114261
CST14112	113911	CST15173	114161	CST20101	111534	CST20254	111452
CST14112	116157	CST15174	113974	CST20102	112320	CST20261	114032
CST14113	111131	CST15175	111334	CST20103	110279	CST20600	111558
CST14114	111131	CST15176	111335	CST20104	111805	CST20601	110616
CST14115	111906	CST15177	112474	CST20105	111445	CST20603	113191
CST14116	112235	CST15178	111398	CST20106	111136	CST20604	110723
CST14117	111374	CST15179	114035	CST20109	113408	CST20606	113675
CST14119	115641	CST15180	111404	CST20110	110485	CST20608	110723
CST14121	115405	CST15182	114176	CST20113	110820	CST20613	113675
CST14122	113906	CST15183	113841	CST20114	110412	CST21100	110536
CST14124	114092	CST15184	115744	CST20117	112478	CST21100	116139
CST14125	113910	CST15185	113842	CST20118	110142	CST21100	116312
CST14128	113959	CST15185	115508	CST20119	110719	CST21101	115423
CST14130	116051	CST15186	114074	CST20121	111274	CST21102	112249
CST14131	116049	CST15188	115403	CST20122	110807	CST21103	114265
CST14132	116050	CST15192	115974	CST20124	111303	CST21104	110565
CST14133	116052	CST15193	110866	CST20125	111312	CST21105	115423
CST14134	116053	CST15194	111123	CST20127	111459	CST21106	114387
CST14138	113703	CST15198	113963	CST20129	110575	CST21106	116307
CST14139	112608	CST15199	114163	CST20130	112365	CST21107	114387
CST15100	110584	CST15203	113756	CST20131	111054	CST21107	116307

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CST21108	114388	CST25119	113380	CST32111	114732	CST35156	110572
CST21108	116308	CST25120	110464	CST32112	110808	CST35157	111005
CST21109	114447	CST25121	110465	CST32113	113659	CST35158	113551
CST21110	112488	CST25122	114650	CST32114	111912	CST35159	112368
CST21111	110565	CST25123	110442	CST32115	113445	CST35160	113897
CST21113	113532	CST25128	115572	CST32116	113727	CST35161	111272
CST21114	110439	CST25129	114821	CST32117	113797	CST35162	114237
CST21117	113570	CST25131	111574	CST32118	113638	CST35164	110947
CST21118	113982	CST25132	111346	CST32121	114760	CST35165	113618
CST21120	114020	CST25133	114730	CST32123	115758	CST35166	114460
CST21121	114117	CST25134	110615	CST32124	114443	CST35168	113964
CST21123	110439	CST25137	110818	CST32125	114443	CST35169	114279
CST21127	115536	CST25139	110818	CST32126	113937	CST35171	114855
CST21128	114276	CST25145	111102	CST32129	113797	CST35172	114058
CST21129	113177	CST25146	111103	CST32130	113445	CST35173	110933
CST21129	115329	CST30100	110814	CST32131	114820	CST35174	114057
CST21130	112034	CST30101	110529	CST32132	112322	CST35175	114108
CST21131	113181	CST30102	110813	CST32134	113797	CST35177	111475
CST21133	114264	CST30103	110814	CST32137	114778	CST35178	114394
CST21134	112034	CST30106	112455	CST32138	114762	CST35179	114283
CST21136	113459	CST30107	111422	CST32140	110245	CST35180	114060
CST21137	115397	CST30108	111420	CST32141	115571	CST35183	113040
CST21137	115500	CST30109	112026	CST32143	115626	CST35186	111730
CST21138	110565	CST30110	111025	CST32145	115446	CST35187	113931
CST21139	113181	CST30111	113931	CST32147	113797	CST35189	112177
CST21141	111224	CST30112	112379	CST32148	116260	CST35190	114444
CST21142	111755	CST30113	111585	CST32600	112342	CST35191	114061
CST21143	113901	CST30114	113446	CST32601	115674	CST35193	110394
CST21144	114107	CST30115	115951	CST32602	113456	CST35195	114232
CST21145	114021	CST30116	112124	CST32603	114343	CST35198	111849
CST21147	114447	CST30117	111421	CST32604	110576	CST35200	111273
CST21148	110565	CST30117	116327	CST33108	115406	CST35201	113702
CST21149	116136	CST30118	110338	CST33109	112214	CST35203	113044
CST21150	115357	CST30119	111025	CST33125	114137	CST35204	112301
CST21151	112071	CST30120	112382	CST35100	110809	CST35206	111275
CST21152	112039	CST30122	111685	CST35101	110394	CST35207	113977
CST21154	113429	CST30126	115407	CST35102	111476	CST35208	110947
CST21155	114852	CST30132	110365	CST35103	111565	CST35210	114818
CST21156	116077	CST30133	112533	CST35104	111461	CST35211	115553
CST21157	113381	CST30138	110352	CST35105	110315	CST35212	110421
CST21158	110338	CST30142	113346	CST35106	110811	CST35213	114217
CST21159	115721	CST30146	112455	CST35107	111475	CST35214	115378
CST21161	112496	CST30147	110854	CST35108	113795	CST35215	114167
CST21164	110813	CST30148	111685	CST35109	111970	CST35221	111451
CST21166	110530	CST30149	111865	CST35110	112474	CST35222	111451
CST21167	110536	CST30152	115423	CST35111	111300	CST35223	114885
CST21167	116139	CST30154	113925	CST35112	111273	CST35224	112846
CST21168	111755	CST30157	114072	CST35113	112370	CST35231	115599
CST21169	112074	CST30158	113962	CST35114	111703	CST35232	113642
CST21170	112135	CST30161	114387	CST35115	110158	CST35235	115360
CST21171	112660	CST30161	116307	CST35116	111971	CST35236	115727
CST21173	112249	CST30162	111422	CST35117	111552	CST35238	114074
CST21176	110525	CST30163	113446	CST35118	111241	CST35239	111552
CST21177	111398	CST30164	114123	CST35119	111608	CST35241	115728
CST21180	112173	CST30165	110640	CST35121	112276	CST35242	114871
CST21600	115537	CST30166	111911	CST35122	111728	CST35245	113960
CST21604	113468	CST30170	113655	CST35123	111272	CST35246	113933
CST21605	114220	CST30171	114297	CST35124	113445	CST35247	113254
CST21605	116132	CST30172	110529	CST35125	112103	CST35249	112215
CST21606	114398	CST30173	113701	CST35126	110182	CST35250	115597
CST21609	114307	CST30176	110519	CST35127	114183	CST35252	115327
CST21616	115325	CST30177	110522	CST35128	110149	CST35253	111300
CST21617	115776	CST30185	110352	CST35129	110808	CST35254	113995
CST25100	110439	CST30187	110854	CST35130	110808	CST35255	114487
CST25101	111737	CST30188	114758	CST35133	110808	CST35256	115330
CST25102	110462	CST30190	111755	CST35134	113319	CST35257	111272
CST25102	116137	CST30600	110517	CST35135	113927	CST35260	114479
CST25103	110565	CST30601	110521	CST35137	111912	CST35266	115639
CST25104	110438	CST30602	110518	CST35138	112300	CST35267	115359
CST25105	110443	CST30603	110521	CST35139	111994	CST35268	115991
CST25107	110461	CST30604	110520	CST35142	114488	CST35269	111849
CST25108	110442	CST32100	112322	CST35144	113638	CST35270	114180
CST25109	110545	CST32101	110958	CST35146	114059	CST35271	113932
CST25110	111573	CST32102	111307	CST35147	113323	CST35272	114838
CST25112	112277	CST32104	113521	CST35148	114856	CST35273	114696
CST25113	110440	CST32105	113329	CST35149	111070	CST35278	115842
CST25114	110818	CST32106	113937	CST35150	111349	CST35284	114686
CST25115	112136	CST32107	113329	CST35151	114460	CST35285	113644
CST25116	110464	CST32108	113796	CST35152	111108	CST35286	115448
CST25117	110441	CST32109	113020	CST35153	113930	CST35292	115774
CST25118	110819	CST32110	114885	CST35154	112178	CST35309	115627

O. E. No.	HC-CARGO	O. E. No.	HC-CARGO	O. E. No.	HC-CARGO	O. E. No.	HC-CARGO
CST35316	111994	CST40116	111455	CST40243	111189	CST40435	110411
CST35325	115830	CST40117	112214	CST40245	110485	CST40443	114886
CST35326	113819	CST40118	112214	CST40246	113478	CST40444	114740
CST35328	115426	CST40119	111442	CST40248	112545	CST40448	115314
CST35334	111241	CST40122	111463	CST40249	114216	CST40463	113757
CST35338	113642	CST40123	113649	CST40250	110245	CST40466	115982
CST35338	113820	CST40127	112036	CST40254	113429	CST40477	115539
CST35342	113550	CST40129	111197	CST40256	115362	CST40478	115402
CST35344	114003	CST40130	111984	CST40258	114071	CST40479	115336
CST35600	111913	CST40131	113132	CST40260	112246	CST40480	115610
CST35601	113984	CST40132	111087	CST40263	114419	CST40481	115561
CST35602	112323	CST40133	110246	CST40264	110938	CST40482	115944
CST35603	113669	CST40134	110961	CST40266	115982	CST40484	115560
CST35604	114893	CST40135	113662	CST40267	115468	CST40486	115326
CST35606	113194	CST40136	110411	CST40268	114056	CST40600	112823
CST35607	113210	CST40137	110720	CST40270	110709	CST40600	115872
CST35608	110576	CST40138	110421	CST40274	111492	CST40601	112822
CST35609	113672	CST40140	110411	CST40277	114226	CST40601	115880
CST35609	115881	CST40141	110713	CST40278	114223	CST40602	110581
CST35610	114280	CST40143	110447	CST40281	112367	CST40603	113203
CST35611	114100	CST40144	111622	CST40284	111544	CST40605	111679
CST35611	115893	CST40146	114240	CST40287	115613	CST40606	110490
CST35613	114169	CST40147	111785	CST40288	115723	CST40608	110944
CST35614	113673	CST40148	113172	CST40292	113983	CST40610	116072
CST35614	115882	CST40149	111525	CST40293	111552	CST40611	112544
CST35615	115556	CST40150	110627	CST40294	112336	CST40612	114222
CST35615	115886	CST40151	110962	CST40295	110940	CST40615	112544
CST35616	114445	CST40152	112249	CST40302	112006	CST40616	114340
CST35618	113830	CST40154	111224	CST40303	114037	CST40617	114693
CST35618	115884	CST40155	114309	CST40307	116000	CST40619	114268
CST35621	112822	CST40158	111683	CST40308	115964	CST40627	114047
CST35621	115880	CST40159	110708	CST40309	115645	CST40628	113130
CST35622	114474	CST40160	112291	CST40311	111197	CST40629	113204
CST35623	115593	CST40161	113271	CST40317	115328	CST40631	114326
CST35623	115887	CST40162	115950	CST40318	115642	CST40632	114695
CST35626	113195	CST40163	113965	CST40319	115644	CST40633	112544
CST35627	114185	CST40165	113725	CST40320	114661	CST40637	114277
CST35628	115801	CST40166	113211	CST40321	113429	CST40641	115821
CST35629	113676	CST40168	113696	CST40322	114305	CST40642	110580
CST35629	115883	CST40170	110411	CST40323	115524	CST40646	114712
CST35630	115756	CST40171	113428	CST40324	114731	CST41100	114885
CST35631	114872	CST40172	110942	CST40325	114853	CST41101	113327
CST35631	115875	CST40174	110941	CST40326	114255	CST41102	114762
CST35632	114310	CST40175	110356	CST40327	114037	CST41103	110810
CST35632	115888	CST40178	113402	CST40329	110245	CST41106	115968
CST35633	114086	CST40179	110938	CST40330	114891	CST41107	110389
CST35633	115896	CST40181	110940	CST40331	114224	CST41107	112649
CST35634	113851	CST40182	113114	CST40332	115352	CST42100	111065
CST35634	115885	CST40183	113928	CST40337	112547	CST42101	114270
CST35635	115439	CST40184	110245	CST40339	115755	CST44100	111387
CST35635	115876	CST40185	112547	CST40340	110223	CST44101	113314
CST35637	115440	CST40186	114071	CST40343	114716	CST44102	110421
CST35638	114323	CST40188	111564	CST40347	110154	CST44103	114889
CST35638	115889	CST40190	110485	CST40348	114093	CST44104	110397
CST35639	114733	CST40191	111683	CST40351	115828	CST44105	111874
CST35639	115894	CST40193	115643	CST40353	114860	CST44109	114071
CST35640	114819	CST40194	111021	CST40354	114823	CST44110	113665
CST35641	114729	CST40196	116071	CST40360	115637	CST44111	111984
CST35643	113672	CST40197	114168	CST40364	115323	CST44112	110152
CST35643	115881	CST40198	113601	CST40365	111839	CST44117	114660
CST35644	114193	CST40199	111764	CST40367	114389	CST45102	113267
CST35644	115877	CST40200	110249	CST40368	111911	CST45104	110256
CST35656	114873	CST40201	114502	CST40372	116286	CST45105	110144
CST35666	116087	CST40203	113985	CST40374	111918	CST45107	114318
CST35668	115556	CST40205	113629	CST40376	113119	CST45109	115522
CST35668	115886	CST40206	113231	CST40380	115425	CST45110	114199
CST35669	114872	CST40207	114060	CST40386	115616	CST46100	111849
CST35669	115875	CST40208	113239	CST40388	113596	CST46101	111684
CST35693	113746	CST40214	112489	CST40389	115322	CST46102	111848
CST37603	114345	CST40217	110485	CST40391	115607	CST46103	113860
CST40100	113361	CST40218	114748	CST40393	115779	CST46107	114159
CST40101	111561	CST40220	110436	CST40395	115468	CST46110	111709
CST40102	110402	CST40221	113207	CST40396	114817	CST46116	115743
CST40103	115594	CST40223	111190	CST40412	115729	CST46117	115773
CST40104	111088	CST40225	113702	CST40413	115598	CST46118	115575
CST40105	110389	CST40226	113239	CST40416	115733	CST46119	116271
CST40106	110152	CST40227	114685	CST40418	114325	CST46120	115626
CST40107	110708	CST40235	114816	CST40419	116092	CST46124	116283
CST40109	111683	CST40239	113938	CST40420	111552	CST48100	111214
CST40110	111442	CST40241	114851	CST40421	116016	CST48101	112388
CST40114	111310	CST40242	114711	CST40432	114399	CST48102	111214

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CASCO <i>Continued</i>							
CST48103	112236	CST60612	114330	K957340	110818	225-3141	113763
CST48105	113269	CST60613	114330	K957340EX	110818	2253145	113967
CST48106	110545	CST60614	113695	L72955	110300	225-3147	114302
CST48107	111001	CST60615	112169	M41595	110766	225-3148	114387
CST48108	110551	CST60617	114013	PBNA0103	110759	225-3148	116307
CST48112	111041	CST60621	114523	PO9415420	112170	225-3149	114388
CST49101	112304	CST60623	112243	R39341	110627	225-3149	116308
CST50100	110568	CST60624	112243	CATERPILLAR			
CST50104	115721	CASE		OR1903	114280	225-3150	114268
CST50105	111222	114799A1	111885	OR2186	110999	2267683	115794
CST50107	112341	114800A1	111885	OR2187	111000	226-7683	115794
CST50108	110602	116928A2	113429	OR2189	110436	235-3145	113967
CST50109	110590	125849A1	112773	OR2190	111000	249-3681	115326
CST50112	110602	125849A1R	112773	OR2415	110591	25900	110999
CST50113	110590	1273112C91	110933	OR2698	110801	266-7226	114864
CST50116	111221	185046380	114759	OR2735	113695	2N3538	110436
CST50601	110580	193432A01	113429	OR3653	113549	2N5599	110233
CST50603	110656	193432A1	113429	OR3667	111261	2P1204	110427
CST50604	110555	1964860C1	112493	OR3668	111261	2P1698	110427
CST50606	111254	1987559C1	113725	OR3669	111261	2P2501	110999
CST50608	111212	1987566C1	116072	OR4259	111000	2P5113	110427
CST50609	110723	202360T91	112773	OR4260	110436	2S0900	110999
CST50617	111982	202386T91	110436	OR4263	113695	2S900	110999
CST50618	115954	234986A1	115536	OR4265	110436	2S945	110075
CST50620	114396	234987A1	114107	OR4316	110941	3127536	115389
CST50621	114659	259720A1	114449	OR4321	114268	312-7539	113654
CST50622	114267	2852405	114196	OR5203	112261	312-7576	115389
CST50623	115954	2855914	114701	OR5206	111261	32B66-00200	114169
CST50624	114483	3055288EX	116436	OR5207	110999	32B66-00204	114169
CST50635	114166	3218239EX	110641	OR5208	110436	32B66-20100	114169
CST50644	115954	3218544EX	112098	OR5209	111000	333-5930	114476
CST50653	111760	3218577EX	111662	OR5213	110347	347205	110233
CST50654	113435	3218577EX	116131	OR5216	110436	351940	110235
CST50655	113709	3218884EX	110766	OR5217	110801	3E0079	110961
CST60100	114124	3228193EX	111752	OR5218	110436	3E1864	111224
CST60101	114124	3228193R91	111752	OR5218	110436	3E5127	110962
CST60102	110216	3229193EX	111752	OR5270	110999	3E5381	110944
CST60103	111277	323319A1	110565	OR5347	112089	3E7285	111888
CST60104	110602	388187A3	114777	OR8279	112160	3E7863	112089
CST60105	111041	388188A1	116126	OR9700	114043	3E7864	110436
CST60106	112267	529965R92	112660	OR9702	115323	3L8205	110347
CST60107	110604	84213446	114480	OR9704	114870	3N2702	110801
CST60108	110590	8605784	114695	100-5045	111261	3N2706	110801
CST60109	111222	86982709	113725	100-5046	111261	3P0006	110999
CST60110	112268	87038475	116010	100-5047	111261	3P0007	110999
CST60111	112341	87040161	114399	100-8224	111793	3P0110	110999
CST60112	111224	87042117	116010	104-7040	113695	3P3006	110999
CST60113	111224	87359905	115718	105-2811	114218	3P3007	110999
CST60117	115501	87418226	114469	105-2812	114218	3R2657	110436
CST60119	110469	87439313	114698	105-2813	114188	3R7356	110999
CST60120	110468	87439317	114698	105-2814	114188	3T1888	111261
CST60123	110436	87452821	114825	107-7977	112160	3T2579	110999
CST60124	112089	87645566	113999	109-2362	113186	3T2646	111000
CST60125	111683	87645567	114469	10R0395	113695	3T2647	110999
CST60126	110602	87677207	114698	10R0395	113695	3T2649	111000
CST60127	110216	87677208	114698	10R2576	115995	3T2650	111000
CST60128	114341	87715398	115545	10R7946	114347	3T2652	110999
CST60129	114476	87720193	114698	10R9790	114683	3T2654	111000
CST60130	114298	91448C2	112773	121502400	112544	3T2655	110436
CST60131	114325	92294C1	111364	1252988	114445	3T2657	110436
CST60134	112268	957340EX	110818	132-2156	112160	3T2659	110436
CST60137	112255	A130672Z	111713	1430539	110941	3T2660	110999
CST60140	112233	A145324	110436	1430540	110436	3T2772	110999
CST60141	112232	A162578	110436	143-0541	114268	3T2780	110347
CST60143	116004	A169694	112169	144-9954	114043	3T2785	110347
CST60145	112660	A170746	113725	144-9955	115323	3T2787	110347
CST60147	110472	A186180	112135	144-9955	115323	3T2879	112089
CST60149	110569	A186224	110436	147-7166	114280	3T3152	111000
CST60158	115740	A187597	111885	155-9849	114870	3T3153	111000
CST60160	114003	A187623	111843	160-4648	114168	3T3154	112089
CST60600	111760	A187728	113429	167-7812	114864	3T3778	110347
CST60601	110999	A187873	111888	177-9953	114683	3T4581	110999
CST60603	113695	A231295A1	116126	185-5294	114813	3T4582	110999
CST60604	111000	A34442	110436	197-8820	115385	3T4584	110999
CST60605	110347	A47464	110436	1992334	113995	3T4586	110999
CST60607	112652	A49652	110300	1L8174	111000	3T5649	110626
CST60608	113827	A75864	110436	2071541	115347	3T6305	110999
CST60609	114013	K308650	110462	207-1541	115347	3T6352	110801
CST60611	113695	K308650	116137	207-1541	115347	3T8208	110962
		K956426	111364	207-1551	115347	3T8947	110347
				207-1556	111000	3T8949	110347
				207-1564	111000	3T8954	110347
				212-8561	116164		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
3T8967	110347	7T1799	110999	1268620	111295	1327430	112091
3Y6691	110801	7T2095	113549	1268630M	111295	1327440	112090
3Y8200	110801	7T2265	110436	1268650	111295	1327470	111097
3Y8852	110999	7T9254	110436	1268660	111295	1327471	111097
4L9547	112089	7X0994	113428	1268690	111295	1327480	111097
4N0241	114309	7X1057	113172	1277640	111629	1327590	111097
4N0956	112089	86385	110075	1277670	111833	1327591	111097
4N0957	111000	8C356	110436	1277670	116063	1327620	111097
4N0959	110347	8C3592	112089	1277680	112343	1327621	111097
4N3181	110999	8C3593	112089	1277690	111842	1327A010	110449
4N3182	110999	8C3596	110436	1277720	111842	1327A011	110449
4N3343	110347	8C3597	110999	1320015	110449	1327A020	110450
4N3347	110999	8C3644	111000	1320023	110449	1327A021	110450
4N3348	110999	8C3645	111000	1320024	110449	1327A024	110450
4N3349	110347	8C3647	110999	1320027	110449	1327A410	110566
4N3350	110999	8C3648	110436	1320029	110449	1327A411	110566
4N3986	112261	8C3649	111000	1320035	110450	1327A421	110566
4N4540	110138	8C3650	110999	1320036	110450	1327A430	112091
4N7901	110999	8C3651	110999	1320510	110449	1327A431	112091
4N8118	111000	8C4774	110944	1320513	110449	1327A440	112090
4N8253	110436	8C5580	110436	1320515	110449	1327A441	112090
4N956	112089	8H1813	111000	1320F022	110449	1327A470	111097
4N957	111000	8L5881	110436	1320F027	110449	1327A471	111097
5A6494	110999	8L8205	110347	1320F028	110449	1327A481	111097
5A6495	110999	8L8206	112089	1320F035	110450	1327A500	112372
5A6522	110999	8N0999	110591	1320F036	110450	1327A501	112372
5A8908	110801	8N1694	111190	1320F513	110449	1327A591	111097
5L2537	111000	8N2145	110999	1320F515	110449	1327A600	110207
5L2637	111000	8T4618	110961	1320F515M	110450	1327A601	110207
5L3648	110347	8T8619	110961	1320F810	110449	1327A620	111097
5L4160	112089	9G4337	110999	1320G027	110449	1327A621	111097
5L4168	112089	9G4339	110999	1320G028	110449	1327A680	111097
5L4169	112089	9G5584	111000	1320G035	110450	1327A681	111097
5L4405	110347	9G5585	111000	1320G036	110450	1327A690	113453
5L5353	110347	9G6941	111224	1320G515	110449	1327A691	113453
5L537	111000	9G8255	110801	1320H027	110449	132F916	111097
5L5667	112089	9G9538	110591	1320H036	110450	1403000	110206
5L5867	112089	9L2507	112243	1321020	110566	2311040	110347
5L637	111000	9L3597	110436	1321021	110566	2311210	110205
5L648	110347	9L6200	112089	1321022	110566	2996101	110527
5LG48	110347	9L6464	110347	1321023	110566	2998000	110525
5N5692	110801	9L6484	110347	1321030	112091	2998001	110524
5R3155	110999	9L6691	111000	1321032	112091	2998002	111638
5R3857	110999	9M1662	110999	1321033	112091	2998004	110527
5S9088	111261	9N0435	111000	1321040	112091	2998006	110214
5Z1083	110591	9N0453	111000	1321511	110566	2998007	110531
655293	113172	9N0716	112089	1321513	110566	2998008	110207
676375	110569	9N0721	112089	1321552	112090	2998009	110209
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7T1081	110436	1268600M	111295	1327410	110566	CA45F12-51A	110449
7T1082	110999	1268610	111295	1327420	110566	CA45F12-Y2	110449

Cross reference list

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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CA45F12-Y81	110449	96469963	111684	05073920AA	114210	4801323AD	115925
CA45F24-112	111097	96473777	111848	05080464AB	114663	4801338AB	115701
CA45F24-121	113453	96540541	114350	05080464AD	114663	4801472AA	114878
CA45F24-125M	112372	96540542	114412	05097072AC	113282	4801490AA	116037
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CA45F24-3M	112091	96567255	116302	2098500	110223	4864441	114828
CA45F24-47	110566	96627029	115380	2642121	110074	4868324AA	115936
CA45F24-55	112090	96652100	115366	2875560	110223	4868429AB	114011
CA45F24-55M	112090	96673046	114235	2875844	110074	4868429AC	114011
CA45F24-Y2	110566	96831615	114298	3000010	110074	4868429AD	114011
CA45F24-Y3	112091	96838439	114412	3000011	110074	4868430AB	113803
CA45F24Y55M	112091	96843574	114159	3131371	110231	4868430AC	113803
CA45F24-Y55M	112091	96843578	111123	3131372	110231	4868430AD	113803
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CA45G12-51	110449	96952006	111123	3438178	110236	5033125AA	114144
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1697024	115618	219235	114114	021000-1083	110138	021000-5020	110138
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028000-2570	110152	028000-5040	111224	028000-6872	110708	028000-8434	110245
028000-2571	110152	028000-5200	110831	028000-6880	110708	028000-8570	111451
028000-2572	110152	028000-5201	110831	028000-6881	110708	028000-8571	111451
028000-2660	110152	028000-5210	110831	028000-6882	110708	028000-8730	110402
028000-2661	110152	028000-5290	110421	028000-6890	110708	028000-8760	111387
028000-2662	110152	028000-5400	110336	028000-6891	110708	028000-8761	111387
028000-2664	110152	028000-5401	110336	028000-6892	110708	028000-8762	111387
028000-2665	110152	028000-5407	110336	028000-6893	110708	028000-8890	110421
028000-2670	110152	028000-5410	110336	028000-6910	110708	028000-9010	110154
028000-2680	110152	028000-5490	113428	028000-6911	110708	028000-9020	110152
028000-2681	110152	028000-5580	110708	028000-6912	110708	028000-9030	111197
028000-2682	110152	028000-5581	110708	028000-6920	111224	028000-9031	111197
028000-2692	110421	028000-5582	110708	028000-6921	111224	028000-9032	111197
028000-3000	110152	028000-5730	110485	028000-7000	111683	028000-9090	110402
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028000-3004	110152	028000-5820	110411	028000-7002	111683	028000-9220	111385
028000-3005	110152	028000-5821	110411	028000-7003	111683	028000-9221	111385
028000-3006	110152	028000-5822	110411	028000-7004	111683	028000-9260	110397
028000-3090	110396	028000-5860	110490	028000-7240	110581	028000-9261	110397
028000-3091	110396	028000-5861	110490	028000-7241	110581	028000-9270	110411
028000-3100	110396	028000-5862	110490	028000-7242	110581	028000-9271	110411
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028000-3290	111224	028000-5864	110490	028000-7370	111387	028000-9381	110397
028000-3291	111224	028000-5880	110627	028000-7371	111387	028000-9470	111088
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028000-3295	111224	028000-5882	110627	028000-7373	111387	028000-9590	111387
028000-3360	110245	028000-5883	110627	028000-7430	113429	028000-9591	111387
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028000-3501	110421	028000-5891	110581	028000-7461	110421	028000-9800	111451
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
028000-9830	110962	100211-1320	110496	100211-3104	111705	100211-4730	113856
028000-9831	110962	100211-1321	110496	100211-3110	111428	100211-4731	113856
028000-9860	110396	100211-1330	110679	100211-3111	111428	100211-4732	113856
028000-9861	110396	100211-1331	110679	100211-3150	111705	100211-4733	113856
028000-9900	111310	100211-1340	110496	100211-3151	111705	100211-4740	113921
028000-9901	111310	100211-1341	110496	100211-3170	110675	100211-4770	113921
028000-9902	111310	100211-1381	110927	100211-3171	110675	100211-4771	113921
028000-9940	111561	100211-1400	110374	100211-3200	111428	100211-5020	111579
03101-3180	111598	100211-1401	110374	100211-326	110675	100211-5021	111579
0726801000	111865	100211-1402	110374	100211-3260	110675	100211-5090	111605
100210-2210	111613	100211-1410	110965	100211-3261	110675	100211-5250	111601
100210-2211	111613	100211-1411	110965	100211-3310	111609	100211-5251	111601
100210-2250	111613	100211-1440	110628	100211-3311	111609	100211-5252	111601
100210-2251	111613	100211-1441	110628	100211-3350	110682	100211-5730	111437
100210-2290	111484	100211-1500	111428	100211-3351	110682	100211-5800	110445
100210-2302	111596	100211-1550	110965	100211-3352	110682	100211-6030	111215
100210-2570	111613	100211-1551	110965	100211-3370	111437	100211-6031	111215
100210-2600	111428	100211-1560	110628	100211-3400	110496	100211-6050	111215
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100210-2860	111613	100211-1573	110967	100211-3530	110496	100211-6240	116029
100210-2861	111613	100211-1600	110628	100211-3531	110496	100211-6250	116029
100210-2980	111596	100211-1601	110628	100211-3560	110496	100211-6260	116029
100210-2990	111613	100211-1610	111048	100211-3590	111578	100211-6270	110965
100210-2991	111613	100211-1611	111048	100211-3591	111578	100211-6350	113085
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100210-3270	111483	100211-1632	111048	100211-3610	110496	100211-6420	111830
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100210-3460	111483	100211-1661	110620	100211-3680	111428	100211-672	110967
100210-3580	111483	100211-1662	110620	100211-3740	110496	100211-6720	110967
100210-3660	111483	100211-1670	113921	100211-3760	110496	100211-6721	110967
100210-3680	111483	100211-1680	111048	100211-3761	110496	100211-6730	111437
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100210-3820	111483	100211-2020	111705	100211-3880	111578	100211-6930	111018
100210-3821	111483	100211-2021	111705	100211-3890	111578	100211-6931	111018
100210-3840	111483	100211-2022	111705	100211-3891	111578	100211-6960	111018
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100210-4620	114372	100211-2051	110675	100211-4000	110564	100211-6971	111018
100211-0070	110445	100211-2060	111428	100211-4001	110564	100211-6990	111610
100211-0071	110445	100211-2061	111428	100211-4002	110564	100211-7000	110682
100211-0080	110445	100211-2080	111428	100211-4003	110564	100211-7001	110682
100211-0081	110445	100211-2100	110675	100211-4004	110564	100211-7040	111705
100211-0280	110445	100211-2102	110675	100211-4070	110965	100211-7041	111705
100211-0281	110445	100211-2110	111428	100211-4071	110965	100211-7050	110682
100211-0290	110445	100211-2120	110967	100211-4080	110374	100211-7051	110682
100211-0291	110445	100211-2210	110927	100211-4120	110374	100211-7052	110682
100211-0292	110445	100211-2211	110927	100211-4170	110628	100211-706	110675
100211-0790	110445	100211-2221	110679	100211-4171	110628	100211-7060	110675
100211-0860	110801	100211-2230	110679	100211-4180	110374	100211-7061	110675
100211-0890	112261	100211-2231	110679	100211-4200	111017	100211-7160	111705
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100211-1008	111705	100211-2281	110496	100211-4280	110628	100211-7440	111428
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100211-1011	111705	100211-2291	110679	100211-4390	110374	100211-7450	110675
100211-1030	111428	100211-2300	110496	100211-4400	110628	100211-7451	110675
100211-1031	111428	100211-2302	110496	100211-4440	111048	100211-7600	111428
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100211-1091	111428	100211-2480	111705	100211-4531	110620	100211-7810	111609
100211-1150	111428	100211-250	110675	100211-4540	110629	100211-7811	111609
100211-1170	111705	100211-2500	110675	100211-4560	111048	100211-7820	111538
100211-1171	111705	100211-2501	110675	100211-4610	113921	100211-7910	111435
100211-1180	110675	100211-2510	111428	100211-4640	111048	100211-7911	111435
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100211-1270	110927	100211-3061	111705	100211-4680	111048	100211-8050	111705
100211-1271	110927	100211-3090	110496	100211-4690	111048	100211-8051	111705
100211-1277	110927	100211-3091	110496	100211-4700	110620	100211-8060	111538
100211-1278	110927	100211-3100	111705	100211-4701	110620	100211-8070	111428
100211-1280	110628	100211-3101	111705	100211-4710	114679	100211-8090	111705

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
100211-8120	111705	100213-2790	114386	101210-1670	116125	101211-1361	113921
100211-8121	111705	100213-2920	111963	101210-1700	115667	101211-1380	113742
100211-8130	111705	100213-2940	114201	101210-1710	116094	101211-1390	115342
100211-8230	111435	100213-2950	114201	101210-1720	115546	101211-2040	114190
100211-8330	111435	100213-2980	114201	101210-1721	115546	101211-2100	111610
100211-8331	111435	100213-2982	114201	101210-1840	115457	101211-2120	110967
100211-8340	111435	100213-2990	114201	101210-1840	116125	101211-2200	115435
100211-8370	112746	100213-2991	114201	101210-1870	113336	101211-2201	115435
100211-8371	112746	100213-2992	114201	101211-0030	111609	101211-2240	114218
100211-8380	111538	100213-2993	114201	101211-0033	111609	101211-2310	114218
100211-8381	111538	101210-0160	114284	101211-0050	111518	101211-2470	115462
100211-8410	111781	101210-0161	114284	101211-0051	111518	101211-2471	115462
100211-8440	111538	101210-0162	114284	101211-0052	111518	101211-2480	111048
100211-8470	111435	101210-0870	114494	101211-0060	111579	101211-2590	115320
100211-8590	111435	101210-0871	114494	101211-0061	111579	101211-2730	113306
100211-8810	111435	101210-0890	114709	101211-0062	111579	101211-2731	113306
100211-8960	112557	101210-0890	116332	101211-0070	111517	101211-2750	113306
100211-8991	111579	101210-0891	114709	101211-0071	111517	101211-2751	113306
100211-9310	111610	101210-0891	116332	101211-0072	111517	101211-2770	114043
100211-9400	110496	101210-0910	114455	101211-0100	111517	101211-2771	114043
100211-9710	110496	101210-0911	114455	101211-0120	111579	101211-2841	110374
100211-9711	110496	101210-0912	114455	101211-0170	111517	101211-2850	112721
100211-9760	111285	101210-0920	114804	101211-0171	111517	101211-2850	114251
100211-9770	111285	101210-0921	114804	101211-0172	111517	101211-2940	114097
100211-9780	111705	101210-0940	114249	101211-0180	111579	101211-2941	114097
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100211-9941	113715	101210-0961	114409	101211-0250	111285	101211-3030	111678
100211-9980	111609	101210-0970	114754	101211-0270	112360	101211-3200	111610
100213-0220	114203	101210-0971	114754	101211-0271	112360	101211-3370	111437
100213-0230	114203	101210-0990	113996	101211-0272	112360	101211-3410	114263
100213-0231	114203	101210-1080	114806	101211-0340	111518	101211-3450	114708
100213-0250	114203	101210-1080	115874	101211-0341	111518	101211-3451	114708
100213-0290	114203	101210-1081	114806	101211-0342	111518	101211-3560	115724
100213-0291	114203	101210-1081	115874	101211-0380	111517	101211-3561	115724
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100213-1130	111605	101210-1110	116064	101211-0481	112063	101211-3770	111437
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100213-1230	111605	101210-1120	115963	101211-0522	112357	101211-4130	114362
100213-1240	111605	101210-1121	113722	101211-0540	112358	101211-4131	114362
100213-1250	111605	101210-1121	115963	101211-0541	112358	101211-4132	114362
100213-1300	114203	101210-1130	114451	101211-0542	112358	101211-4160	111517
100213-1730	111963	101210-1131	114451	101211-0543	112358	101211-4161	111517
100213-1770	111963	101210-1180	113720	101211-0550	111779	101211-4280	114256
100213-1900	111601	101210-1180	116064	101211-0551	111779	101211-4370	112358
100213-1910	111601	101210-1181	113720	101211-0570	112063	101211-4420	111517
100213-1911	111601	101210-1181	116064	101211-0571	112063	101211-4580	111579
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100213-2241	111963	101210-1191	113722	101211-0721	111779	101211-5020	111579
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100213-2352	111963	101210-1271	115852	101211-0950	114362	101211-5170	111598
100213-2380	115752	101210-1320	115429	101211-0951	114362	101211-5210	111435
100213-2391	114300	101210-1321	115429	101211-0952	114362	101211-5220	111435
100213-2400	111963	101210-1330	116089	101211-0970	112063	101211-5230	111468
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100213-2460	111960	101210-1381	114706	101211-1030	114085	101211-5261	112356
100213-2470	111963	101210-1390	115346	101211-1040	111048	101211-5300	112669
100213-2471	111963	101210-1391	115346	101211-1100	114205	101211-5330	112356
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100213-2580	111963	101210-1470	114706	101211-1240	114679	101211-5630	112063
100213-2630	114386	101210-1510	113943	101211-1242	114679	101211-5780	112063
100213-2638	114386	101210-1530	113536	101211-1320	111048	101211-5970	111518
100213-2660	111960	101210-1640	115932	101211-1360	113921	101211-6320	115633
100213-2750	114386	101210-1670	115457				

STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DENSO <i>Continued</i>							
101211-6321	115633	102211-2020	114361	102211-8050	115762	102211-8680	115647
101211-7370	115790	102211-2022	114361	102211-8051	115762	102211-8681	115647
101211-7630	115748	102211-2120	114186	102211-8052	115762	102211-8690	115620
101211-7631	115748	102211-2180	114361	102211-8060	112142	102211-8691	115620
101211-7632	115748	102211-2190	111779	102211-8061	112142	102211-8730	114090
101211-7633	115748	102211-2220	114147	102211-8070	112142	102211-8731	114090
101211-7860	114433	102211-2221	114147	102211-8071	112142	102211-8740	114099
101211-7861	114433	102211-2222	114147	102211-8080	112142	102211-8741	114099
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421000-0022	113803	428000-1922	115822	428000-5410	116256	DAN1002	113722
421000-0023	113803	428000-1940	115642	428000-5470	114071	DAN1002	115963
421000-0024	113803	428000-1941	115642	428000-5510	114305	DAN1003	113721
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DAN1007	114215	DAN510	113955	DAN954	111468	DSN956	114764
DAN1008	113322	DAN511	111411	DAN955	111468	DSN957	114308
DAN1009	114284	DAN513	114204	DAN959	115791	DSN958	115523
DAN1010	113246	DAN514	113996	DAN960	114005	DSN959	114072
DAN1011	114694	DAN515	113246	DAN961	114231	DSN960	114123
DAN1012	114682	DAN517	113718	DAN964	114041	DSN961	112382
DAN1013	114410	DAN519	113535	DAN965	114012	DSN962	115964
DAN1014	114904	DAN520	113536	DAN966	115660	DSN964	115645
DAN1015	114900	DAN521	112384	DAN967	115863	DSN965	116000
DAN1016	113978	DAN524	111505	DAN968	111048	DSN967	114305
DAN1018	115657	DAN525	111689	DAN973	113306	DSN967	114305
DAN1020	114290	DAN562	112142	DAN974	113306	DSN968	114093
DAN1021	114709	DAN575	111036	DAN976	115929	DSN973	115468
DAN1021	116332	DAN582	115601	DAN977	115929	DSN973	115725
DAN1022	114490	DAN583	114895	DAN981	113970	DSN975	115828
DAN1023	114065	DAN584	114409	DAN983	114272	DSN975	116024
DAN1024	114897	DAN585	114754	DAN984	114208	DSN976	116286
DAN1025	114897	DAN587	111795	DAN985	114208	DSN977	114255
DAN1030	113440	DAN588	115762	DAN986	115928	DSN980	114660
DAN1031	113317	DAN590	112142	DAN987	114704	DSN984	114216
DAN1032	113720	DAN591	113718	DAN988	115930	DSN988	115524
DAN1032	116064	DAN596	113718	DAN989	113990	DSN999	114223
DAN1033	114451	DAN597	115615	DAN991	114491	TG104210-9011	114024
DAN1034	115308	DAN599	115615	DAN993	114806	TN104210-1840	115679
DAN1035	114090	DAN603	112097	DAN993	115874		
DAN1036	114099	DAN604	111686	DAN994	114493		
DAN1037	113536	DAN605	111036	DAN995	115429	DEUTZ-FAHR	
DAN1039	113535	DAN606	112719	DAN996	113722	01174637	114438
DAN1041	115601	DAN606	116331	DAN996	115963	01181096	113895
DAN1045	114490	DAN607	111686	DAN997	115346	01182038	113768
DAN1046	114024	DAN608	111686	DAN998	114462	01182173	112046
DAN1047	111579	DAN609	111418	DAN999	114706	01182434	112183
DAN1049	110628	DAN609	115873	DSN1001	113757	01182968	114783
DAN1055	114249	DAN610	111418	DSN1003	114037	01183209	114323
DAN1058	114157	DAN610	115873	DSN1004	112382	01183209	115889
DAN1059	114810	DAN611	111620	DSN1201	115733	01183439	114783
DAN1060	113755	DAN613	111620	DSN1203	115735	01183624	114783
DAN1061	114455	DAN615	111620	DSN1206	115607	04111821	115970
DAN1062	113996	DAN616	111035	DSN1207	115982	04118822	115971
DAN1063	113404	DAN618	111687	DSN1207	115982	2.9439.290.0	111686
DAN1066	115932	DAN621	111568	DSN1209	115468	2.9439.480.0	111686
DAN1067	114411	DAN624	111568	DSN1211	113757	2.9439.490.0	111686
DAN1070	113969	DAN624	111568	DSN1213	114886		
DAN1070	113969	DAN627	111802	DSN1215	110154	DIVERSE	
DAN1071	115546	DAN629	115476	DSN1221	110154	160-68223	113650
DAN1074	115933	DAN630	113537	DSN1229	113938	GP9906	113743
DAN1076	113972	DAN632	111409	DSN1368	116092	IM131	110601
DAN1077	114290	DAN634	113939	DSN1370	114817	IM522	110512
DAN1078	115457	DAN636	113536	DSN1375	114740		
DAN1078	116125	DAN640	113338	DSN1387	115779	DODGE → CHRYSLER	
DAN1083	116089	DAN641	113336	DSN1389	115637		
DAN1085	114706	DAN642	113943	DSN1390	114389	DUCELLIER	
DAN1086	115667	DAN643	113987	DSN1391	114389	451003	110743
DAN1091	115742	DAN647	112384	DSN1398	115598	451013	112768
DAN1092	113967	DAN648	114025	DSN1461	115402	451068	111071
DAN1102	115632	DAN649	115742	DSN576	113962	453016	111066
DAN1105	116007	DAN650	113967	DSN577	112124	453027	110367
DAN1114	112356	DAN651	114714	DSN579	111685	453040	110367
DAN1118	113849	DAN652	114302	DSN581	112379	453052	110585
DAN1119	113922	DAN653	113763	DSN583	115951	510018	110913
DAN1121	116094	DAN654	113763	DSN585	111585	512010	111075
DAN1124	112142	DAN655	113763	DSN600	113662	516011	110178
DAN1139	113922	DAN670	114300	DSN602	113601	516013	111071
DAN1140	113942	DAN672	115748	DSN603	115950	516013A	111071
DAN1148	115836	DAN930	113849	DSN604	113928	516013B	111071
DAN1317	114390	DAN930	116294	DSN928	111874	516013BC	111071
DAN1318	114694	DAN931	115750	DSN929	112367	516013C	111071
DAN1336	113575	DAN932	114248	DSN931	114889	516015	111071
DAN1340	114492	DAN933	115579	DSN934	113314	516015A	111071
DAN1341	111990	DAN934	114083	DSN940	112823	516027	111086
DAN1342	112229	DAN936	114749	DSN940	115872	516032	111078
DAN1345	116366	DAN938	114390	DSN942	115328	516039	111075
DAN1347	114024	DAN939	114227	DSN944	115642	516043	111076
DAN1349	114024	DAN941	114010	DSN945	115723	516051	111075
DAN1351	114490	DAN942	114361	DSN947	114886	516053A	112728
DAN1365	114494	DAN943	114158	DSN948	114661	516055	110358
DAN501	113943	DAN945	114115	DSN949	115613	516058	112728
DAN504	112325	DAN948	114361	DSN950	112006	516062	111082
DAN505	112142	DAN949	114361	DSN951	111459	516064	111082
DAN506	114204	DAN951	114186	DSN953	110574		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DUCELLIER <i>Continued</i>		EFEL		22605	110208	8100000	110365
516074	111082	02201	110524	22606	110208	A124-15	110350
532002	110367	03106	110537	22607	110210	A124-44S	110350
532005	110793	03109	111217	22608	110582	A124N	110611
532010	110367	03285	110512	22609	110601	A125-07	111086
532017	110367	04667	110601	22616	110512	A125-09	110348
532021	110856	06000	110060	22617	110534	A125-45C	111036
532023	110856	06030	110061	22620	110535	A125-55E	111687
532024	110365	06710	110601	22621	110531	A125-55S	110348
532027	110365	06730	110531	22622	110209	A125-55T	111687
533002	110793	06860	110532	22623	110932	A125-65B	111148
534029	110585	06940	110512	22624	110512	A155-55D	111086
534031	110585	07940	111217	22625	110512	ALT2N-14	110968
534032	110866	08280	110205	22626	110519	E100L-1.5/12	110352
534039	110587	08780	110207	22701	110210	E80C	110365
534042	110585	08790	110208	22702	111046	R10.05	110520
534043	110585	09620	111304	22703	110213	R10.08	110523
534046	111066	10420	110525	22704	110532	R100.03	110352
534047	110866	10430	110536	22706	110531	R100.3	110352
534048	111068	10430	116139	22708	110531	R10TA	110520
534050	111066	10440	110524	22709	110205	R11.01	110545
534053	111025	10450	110520	22710	110214	R11.02	110551
534054	110584	10460	110523	22711	110212	R11.03	110522
534054	116306	10570	110531	22713	110212	R11.06	110545
534054A	110584	10590	111180	22715	111231	R11.07	110529
534054A	116306	10590	116133	22718	112119	R11.10	110545
534054B	110584	10600	110534	22801	110537	R11.12	110536
534054B	116306	10610	110531	22802	111217	R11.12	116139
534054C	110584	10650	110533	22804	110538	R11A	110545
534054C	116306	10800	111219	22806	110539	R11B	110551
534055	110584	10810	110531	36368	110429	R11C	110522
534055	116306	10825	110582	36392	110429	R11F	110545
534057	110585	10890	112097	36561	112487	R11K	110536
538501	110462	10910	110890	36576	111091	R11K	116139
538501	116137	11206	110209	36608	112487	R11N	110545
538502	110565	11360	110525	36609	112487	R11W	110529
538504	110459	11370	110529	36676	111092	R20.17	110512
538505	110565	11380	110521	36681	112487	R20.24	110532
581017	110144	11420	110522	36703	112487	R20.28	110214
6068A	110818	11430	110518	36799	112864	R20.42	110210
6127	110439	11520	110527	36806	112317	R20D1	110214
6128	110367	11580	110523	36807	112317	R20W	110532
6136	110856	11640	110536	36808	112318	R20Z	110512
6144	110367	11640	116139	36809	112318	R22.05	110210
6172	110367	11705	110912	6000	110060	R22.06	111046
6175	110367	11750	110530	6030	110061	R22.07	110213
618077	111066	11830	110368	ELMOT			
618078	111066	11930	110521	0050000	110210	R22.10	110531
6185	110856	12080	110517	0060000	111046	R22.12	110531
618565	111066	12590	110206	0070000	110213	R22.13	110214
6187	110367	12760	113465	0090000	110531	R22.14	110212
618795	111066	12800	110212	0100000	110531	R22.16	110212
6189	110793	12900	113466	0120000	110531	R22.22	110205
6190	110793	12950	110208	0130000	110214	R22.38	111231
6202	111100	12960	111004	0140000	110212	R23.05	110210
6202A	111100	12990	110582	0160000	110212	R23.06	110582
6202B	111100	13000	110368	0220000	110205	R23.08	110206
6202C	111100	13090	110524	0380000	111231	R23.09	110533
6202D	111100	13100	110525	283020.1	111148	R23.10	110207
6202F	111100	13140	111640	3370000	110611	R23.11	110208
6203	110367	13460	111035	6050000	110210	R23.13	110601
6212	110793	13470	112719	6060000	110582	R23.16	110512
6219	110856	13470	116331	6080000	110206	R23.17	110512
6227	110367	13830	111686	6090000	110523	R23.18	110534
6231	110367	13850	111620	6100000	110207	R23.21	110535
6231A	110367	13870	111418	6110000	110208	R23.23	110209
6231B	110367	14100	110536	6130000	110601	R23.24	110932
6231C	110367	14100	116139	6160000	110512	R23.25	110512
6231D	110367	14650	110522	6180000	110534	R23.26	110212
6232	110439	14660	110814	6210000	110535	R23.27	111219
6233	110565	14860	111693	6220000	110531	R23.33	111218
6240	111066	14940	111418	6230000	110209	R23.34	110980
6242	111066	14940	115873	6240000	111219	R80.02	110365
7522	110743	14960	110923	6250000	110512	R80.04	111025
7532	110743	14965	111093	6260000	110212	R80C	111585
7534	110743	14970	110913	6270000	111219	R80C1	111585
7536	110743	22201	110512	6330000	111218	R80K	111025
7542	110743	22602	110206	6340000	110980	R80Z	110338
8293	110587	22603	110533	8020020000	110365		
8294	110587	22604	110207	803000.2	110352		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ELSTOCK		25-0201	113534	25-0409	111347	25-1049	110396
24-0003	114046	25-0203	113705	25-0411	112541	25-1050	111683
25-0007	110155	25-0208	111752	25-0413	111332	25-1051	111004
25-0008	110551	25-0210	110551	25-0416	111451	25-1052	111310
25-0013	111102	25-0220	113467	25-0418	111564	25-1053	111619
25-0013	111103	25-0221	111054	25-0419	110708	25-1055	110491
25-0015	110459	25-0226	110529	25-0423	110485	25-1056	110506
25-0016	110449	25-0226	110813	25-0423	113924	25-1058	110844
25-0016	110450	25-0227	111221	25-0425	110996	25-1059	112173
25-0018	110409	25-0227	111755	25-0428	111069	25-1061	110417
25-0018	110537	25-0230	110396	25-0430	110545	25-1062	110485
25-0018	111217	25-0232	111752	25-0430	114254	25-1065	111115
25-0019	111102	25-0235	111112	25-0430	116134	25-1069	110368
25-0025	111100	25-0243	112296	25-0432	111755	25-1070	110519
25-0032	114730	25-0246	110216	25-0433	110462	25-1073	110439
25-0033	110142	25-0246	110218	25-0433	116137	25-1074	110574
25-0036	110142	25-0246	111277	25-0434	110809	25-1074	111805
25-0037	110536	25-0246	111786	25-0436	110809	25-1075	114318
25-0037	116139	25-0246	112897	25-0436	111461	25-1077	113134
25-0037	116312	25-025	111100	25-0439	110157	25-1081	111706
25-0040	110439	25-0250	110440	25-0441	112089	25-1082	110865
25-0041	110565	25-0257	111398	25-0444	110386	25-1082	111010
25-0041	111346	25-0262	110525	25-0444	110719	25-1083	110720
25-0046	110352	25-0264	110537	25-0446	110389	25-1084	110245
25-0048	110365	25-0264	111217	25-0448	111694	25-1085	110933
25-0048	111585	25-0270	111001	25-0450	110280	25-1087	110421
25-0049	110338	25-0270	112249	25-0451	110793	25-1088	110551
25-0060	110462	25-0275	111001	25-0452	110867	25-1089	110842
25-0060	116137	25-0280	110461	25-0453	110585	25-1094	111021
25-0063	110818	25-0280	112251	25-0453	113481	25-1097	110356
25-0064	110462	25-0282	110536	25-0453	115442	25-1099	111475
25-0064	112074	25-0282	116139	25-0455	110847	25-1103	110292
25-0064	116137	25-0282	116312	25-0457	111061	25-1106	111683
25-007	110157	25-0285	111224	25-0458	110386	25-1107	110292
25-0070	110462	25-0287	110530	25-0458	110719	25-1109	112178
25-0070	110465	25-0287	111001	25-0462	111047	25-1113	112246
25-0070	116137	25-0298	110157	25-0465	110813	25-1114	110149
25-0072	112039	25-0298	110158	25-0466	110809	25-1114	110808
25-0073	110775	25-0298	110315	25-0466	111461	25-1115	110144
25-0076	110438	25-0298	110479	25-0466	111565	25-1117	111442
25-0079	110352	25-0301	110793	25-0472	110522	25-1118	111752
25-008	110566	25-0315	110545	25-0476	110412	25-1119	110438
25-0080	110441	25-0318	111070	25-0480	110155	25-1131	111098
25-0081	111573	25-0319	110367	25-0480	110256	25-1132	112173
25-0083	110444	25-0319	110866	25-0480	111452	25-1137	110866
25-0089	112249	25-0321	110708	25-0482	111065	25-1146	111728
25-0090	110537	25-0321	113936	25-0482	112440	25-1147	113846
25-0102	110793	25-0323	111068	25-0483	110156	25-1148	111130
25-0102	111066	25-0324	111217	25-0484	110465	25-1150	110485
25-0103	111112	25-0328	110808	25-0486	110246	25-1150	113924
25-0104	110245	25-0334	110443	25-0487	113482	25-1151	110412
25-0103	111120	25-0337	111332	25-0489	111120	25-1151	111559
25-0105	110856	25-0339	110529	25-0489	112537	25-1151	111683
25-0106	110367	25-0339	110640	25-0492	110719	25-1152	112478
25-0106	110866	25-0339	110813	25-0497	110389	25-1152	116115
25-0119	110421	25-0340	110814	25-0498	110280	25-1155	111127
25-0121	110152	25-0343	113380	25-0498	110575	25-1157	110182
25-0125	110409	25-0352	113269	25-0499	111461	25-1158	110810
25-0125	110537	25-0355	110442	25-1003	110819	25-1160	110810
25-0126	111054	25-0355	110443	25-1006	111025	25-1163	112674
25-0127	111054	25-0356	113268	25-1007	110817	25-1164	110447
25-0134	110363	25-0362	113465	25-1008	110839	25-1165	110574
25-0138	110292	25-0371	111102	25-1010	110573	25-1165	111805
25-0142	110818	25-0373	111793	25-1011	113380	25-1166	110713
25-0146	114265	25-0376	110587	25-1012	110518	25-1166	111455
25-0148	111068	25-0385	113847	25-1013	111060	25-1167	111728
25-0155	110536	25-0387	110442	25-1015	110365	25-1170	110602
25-0155	116139	25-0388	110573	25-1022	114650	25-1171	111030
25-0155	116312	25-0395	110149	25-1023	112533	25-1173	110469
25-0157	110536	25-0396	110862	25-1024	113307	25-1176	110551
25-0157	116139	25-0401	110144	25-1026	110867	25-1177	110280
25-0157	116312	25-0401	110277	25-1026	112290	25-1178	111332
25-0162	113482	25-0402	110279	25-1028	110584	25-1179	114259
25-0173	111088	25-0403	110278	25-1028	116306	25-1183	111304
25-0181	110144	25-0403	110386	25-1029	112136	25-1184	112124
25-0188	110368	25-0404	110386	25-1030	111346	25-1190	111404
25-0189	110525	25-0405	110386	25-1034	111108	25-1191	111214
25-0198	112660	25-0406	110839	25-1039	111120	25-1192	111421
25-0199	110858	25-0406	110996	25-1041	112295	25-1192	116327
25-0201	110615	25-0407	111070	25-1045	110397	25-1193	111544
25-0201	111737	25-0408	111120	25-1048	113924	25-1198	111130

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ELSTOCK <i>Continued</i>							
25-1198	113443	25-1360	115540	25-2026	111508	25-2142	111307
25-1201	110421	25-1361	112052	25-2030	112267	25-2142	113040
25-1201	111475	25-1364	111131	25-2031	111070	25-2143	112277
25-1202	110720	25-1364	111750	25-2031	114460	25-2144	112295
25-1204	111445	25-1365	111694	25-2032	112454	25-2147	111544
25-1205	110249	25-1369	111525	25-2034	111492	25-2148	111685
25-1205	111442	25-1371	110590	25-2037	112818	25-2149	111451
25-1208	110260	25-1373	111023	25-2040	111885	25-2150	112300
25-1208	110411	25-1376	112215	25-2042	111349	25-2153	112365
25-1213	110336	25-1377	112166	25-2045	112295	25-2154	111005
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25-1223	110472	25-1405	111608	25-2051	112124	25-2162	113702
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25-1342	110720	25-2010	112235	25-2125	115985	25-226	110529
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25-1351	111442	25-2017	111070	25-2128	113276	25-2268	110942
25-1355	111748	25-2020	110485	25-2131	113346	25-2270	112221
25-1355	111909	25-2021	111900	25-2136	111552	25-2271	110397
25-1356	111984	25-2021	112438	25-2137	110713	25-2272	113402
25-1357	110842	25-2021	115503	25-2138	113389	25-2278	111764
		25-2021	115503	25-2140	110572	25-2282	110842
		25-2025	111300		113668	25-2283	112016

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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25-2288	112341	25-2443	112846	25-3095	115420	25-3301	114226
25-2289	111273	25-2446	112320	25-3096	112382	25-3305	113819
25-2290	111455	25-2447	113938	25-3099	112497	25-3309	113020
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25-2296	110223	25-2450	112440	25-3101	112497	25-3313	113177
25-2298	111258	25-2451	113677	25-3102	111347	25-3313	115329
25-2299	112267	25-2454	112374	25-3105	111874	25-3315	112904
25-2305	111374	25-2456	110394	25-3106	112436	25-3316	115744
25-2306	111786	25-2462	111849	25-3107	113927	25-3317	114764
25-2311	113757	25-2463	112821	25-3112	111034	25-3322	111476
25-2312	112897	25-2463	115870	25-3113	113481	25-3324	113181
25-2313	110464	25-2464	113725	25-3115	112295	25-3327	114071
25-2314	111703	25-2466	113794	25-3117	112439	25-3328	111552
25-2316	111724	25-2467	112295	25-3121	114316	25-3330	113897
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25-2320	110226	25-2471	112431	25-3124	115942	25-3338	115643
25-2320	110227	25-2473	111334	25-3127	110958	25-3339	114885
25-2321	111855	25-2474	112438	25-3129	114174	25-3340	114279
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25-2324	110587	25-2489	113662	25-3137	111586	25-3345	113911
25-2326	112276	25-2490	114460	25-3139	111463	25-3345	116157
25-2327	110941	25-2491	114119	25-3140	110411	25-3348	113773
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25-2334	112546	25-2493	113761	25-3146	114060	25-3355	114032
25-2336	111849	25-2494	110460	25-3146	116040	25-3356	114108
25-2339	111851	25-2495	113044	25-3148	112442	25-3358	113796
25-2339	112440	25-2504	113271	25-3149	112434	25-3359	114732
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25-2357	112172	25-3018	111865	25-3172	113930	25-3388	113938
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25-2376	112429	25-3034	114814	25-3213	113323	25-3401	111065
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25-2395	115951	25-3058	112291	25-3231	114144	25-3423	115869
25-2396	114160	25-3059	113182	25-3232	114124	25-3424	114217
25-2399	111190	25-3061	113267	25-3233	113659	25-3432	114037
25-2402	111346	25-3063	112444	25-3242	112301	25-3435	115637
25-2404	113271	25-3064	112676	25-3244	113445	25-3436	114216
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25-2407	111766	25-3068	113329	25-3251	113513	25-3446	114030
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25-2416	114123	25-3073	112474	25-3264	114341	25-3452	115627
25-2417	113446	25-3075	114739	25-3267	113937	25-3454	113931
25-2418	114309	25-3076	113319	25-3269	114059	25-3455	114738
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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25-3476	114074	25-4108	114167	25-4271	116307	25-4439	115725
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25-3479	114232	25-4111	114502	25-4275	115339	25-4444	112547
25-3480	112547	25-4112	115974	25-4276	115771	25-4449	115448
25-3481	113797	25-4114	115338	25-4277	115729	25-4450	114003
25-3484	113797	25-4115	115394	25-4282	115822	25-4451	116050
25-3486	114159	25-4116	113901	25-4283	115399	25-4454	116065
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25-3492	115569	25-4119	114395	25-4289	116286	25-4462	115389
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25-4016	114692	25-4149	114388	25-4317	115598	25-5022	113551
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25-4066	115402	25-4213	114402	25-4384	115732	26-0395	110149
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25-4093	111931	25-4251	115723	25-4413	114696	26-1125	110402
25-4096	112177	25-4253	116000	25-4414	110947	26-1125	111385
25-4097	114388	25-4254	114871	25-4421	114197	26-1126	111561
25-4097	116308	25-4255	115341	25-4424	115555	26-1133	111131
25-4098	111349	25-4256	115997	25-4426	116049	26-1134	111059
25-4099	114037	25-4261	111885	25-4427	114093	26-1134	111748
25-4100	110962	25-4262	115376	25-4431	114860	26-1168	110865
25-4101	113821	25-4263	115768	25-4432	113959	26-1175	111400
25-4102	114443	25-4264	115616	25-4433	114677	26-1237	111030

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
26-1238	111131	27-0730	111649	27-6761	116020	28-0657	112270
26-1238	111750	27-0747	111226	27-6778	116011	28-0662	110492
26-1280	112172	27-0761	110542	27-6857	111384	28-0663	110136
26-1285	110831	27-0765	110138	27-6972	116293	28-0675	110358
26-1290	111911	27-0767	110138	28-0080	110440	28-0675	110968
26-1290	114118	27-0770	110127	28-0285	111224	28-0678	112728
26-1305	112455	27-0796	110138	28-0500	111653	28-0680	112270
26-1315	110811	27-0832	110075	28-0502	110975	28-0683	110048
26-1319	112321	27-0837	110178	28-0502	111653	28-0683	110127
26-1323	112131	27-0842	111483	28-0505	110179	28-0683	111397
26-1352	111010	27-0842	114288	28-0506	110913	28-0688	111139
26-1359	110616	27-1518	110138	28-0506	110975	28-0693	110975
26-1359	112131	27-1538	110258	28-0506	112098	28-0696	110168
26-1434	112321	27-1609	111483	28-0509	110178	28-0696	110703
26-1446	111489	27-1618	111042	28-0509	110759	28-0701	110911
26-1494	111385	27-1802	111483	28-0509	111185	28-0701	110975
26-2033	113172	27-1886	110137	28-0509	113378	28-0706	111075
26-2054	112455	27-1889	110137	28-0510	110877	28-0708	111071
26-2074	113705	27-1941	111483	28-0510	112310	28-0717	110891
26-2099	111865	27-1941	114288	28-0511	111620	28-0717	111086
26-2133	110221	27-2510	111483	28-0511	111654	28-0717	111176
26-2238	111911	27-2569	111193	28-0511	111686	28-0717	113574
26-2277	110414	27-2816	112067	28-0517	110882	28-0718	111035
26-2287	113745	27-2853	111384	28-0517	110890	28-0718	111148
26-2301	110218	27-3515	111795	28-0517	111418	28-0720	111035
26-2301	111277	27-3591	110237	28-0517	115873	28-0723	110178
26-2301	112897	27-3603	113063	28-0522	110168	28-0723	110759
26-2351	110626	27-3787	112142	28-0522	110307	28-0723	110968
26-2366	111277	27-3789	112143	28-0524	111428	28-0723	111289
26-2391	111699	27-3829	111384	28-0527	111364	28-0723	113474
26-3000	113925	27-3895	113235	28-0527	111948	28-0724	110969
26-3012	113446	27-3907	112384	28-0533	112112	28-0724	111086
26-3033	111786	27-3963	113708	28-0534	111397	28-0724	111356
26-3033	115985	27-4696	113709	28-0537	110899	28-0724	111364
26-3147	113292	27-4698	113709	28-0537	111035	28-0725	110178
26-3167	111786	27-4720	114210	28-0537	111180	28-0725	110759
26-3167	115985	27-4785	113358	28-0537	116133	28-0725	110968
26-3201	114127	27-4813	114129	28-0538	110912	28-0725	111086
26-3201	116160	27-4829	114128	28-0543	110178	28-0725	111289
26-3308	115572	27-4830	113710	28-0543	110179	28-0726	110178
26-3314	112390	27-4830	116124	28-0544	110179	28-0726	110969
26-3326	114072	27-4838	113912	28-0545	110891	28-0726	111086
26-3376	111911	27-4838	116362	28-0548	111184	28-0726	111364
26-395	110808	27-4850	113883	28-0548	113378	28-0727	110770
26-415	110178	27-4887	113803	28-0560	110350	28-0727	111289
26-4481	112489	27-4899	112958	28-0561	112098	28-0727	111366
26-5053	113727	27-4916	113912	28-0563	110134	28-0730	110105
27-0504	110237	27-4916	116362	28-0563	110168	28-0730	111649
27-0510	110877	27-4932	113922	28-0573	111841	28-0732	111366
27-0513	110743	27-4933	113849	28-0576	110264	28-0733	111036
27-0521	110128	27-4933	116294	28-0578	113376	28-0739	111141
27-0521	110264	27-4956	113978	28-0582	110759	28-0742	111141
27-0535	110611	27-4966	115935	28-0594	110975	28-0747	110931
27-0537	110899	27-4968	113710	28-0598	110178	28-0748	111139
27-0538	110611	27-4968	116124	28-0603	112768	28-0757	111287
27-0553	110759	27-4969	113710	28-0604	111289	28-0759	110975
27-0561	112098	27-4969	116124	28-0604	113474	28-0760	110911
27-0562	110133	27-522	110128	28-0606	113574	28-0761	112310
27-0565	112098	27-5526	114250	28-0607	110970	28-0768	110881
27-0566	112098	27-5529	115786	28-0607	111948	28-0772	112742
27-0567	111141	27-5540	112067	28-0608	111086	28-0773	110882
27-0572	110077	27-5546	115925	28-0608	111364	28-0773	110890
27-0578	113376	27-5559	114111	28-0616	111096	28-0773	110912
27-0595	110137	27-5597	114757	28-0619	110913	28-0773	111686
27-0595	110138	27-5603	115460	28-0620	110360	28-0773	112719
27-0595	110258	27-562	110133	28-0620	110913	28-0773	112768
27-0595	111195	27-5625	114009	28-0623	110503	28-0773	116331
27-0596	110138	27-5651	113883	28-0628	110969	28-0776	111043
27-0616	111096	27-5682	115750	28-0633	110641	28-0790	110877
27-0624	112098	27-5732	115936	28-0635	110968	28-0793	110233
27-0630	110641	27-5752	115797	28-0637	110178	28-0793	110508
27-0631	110048	27-5805	115659	28-0642	112149	28-0794	110178
27-0631	110127	27-5820	115601	28-0645	110877	28-0794	110770
27-0648	110975	27-595	110137	28-0647	111287	28-0794	111086
27-0690	110138	27-595	110258	28-0650	110178	28-0794	111356
27-0708	111071	27-596	110137	28-0650	111185	28-0794	111362
27-0721	110611	27-6592	115795	28-0650	111289	28-0794	111364
27-0722	110105	27-6659	114839	28-0650	113378	28-0794	111366
27-0723	111289	27-6672	113803	28-0651	110179	28-0794	111368
27-0724	111086	27-6704	113365	28-0651	111184	28-0795	111289
27-0730	110105	27-6750	116037	28-0655	111153	28-0797	110972

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ELSTOCK <i>Continued</i>							
28-0797	113376	28-0935	111288	28-1598	110664	28-1771	113632
28-0798	110694	28-0937	111288	28-1601	110891	28-1775	111620
28-0799	111168	28-0940	110107	28-1602	111740	28-1777	110770
28-0799	112056	28-0940	111653	28-1607	112734	28-1777	111355
28-0800	110496	28-0941	112149	28-1608	111075	28-1777	112722
28-0800	111705	28-0943	110919	28-1611	112056	28-1778	111620
28-0801	111075	28-0944	112149	28-1613	112729	28-1780	113519
28-0802	111076	28-0945	111653	28-1615	110178	28-1783	112718
28-0802	112162	28-0945	112735	28-1615	111185	28-1784	111238
28-0804	111035	28-0946	111653	28-1616	111654	28-1785	110967
28-0805	110107	28-0948	111141	28-1620	110802	28-1788	111342
28-0805	111948	28-0950	111287	28-1621	110802	28-1792	111356
28-0807	110264	28-0954	111154	28-1625	112750	28-1792	111362
28-0809	110770	28-0955	110911	28-1626	111215	28-1792	111364
28-0809	111176	28-0956	111287	28-1628	111176	28-1792	111368
28-0809	111289	28-0957	110913	28-1628	111738	28-1794	110264
28-0809	111355	28-0958	111094	28-1628	112238	28-1795	111267
28-0809	111362	28-0958	112149	28-1629	110770	28-1805	110659
28-0809	111366	28-0968	110374	28-1629	111355	28-1810	111578
28-0815	110889	28-0971	110348	28-1629	112238	28-1813	111578
28-0817	110881	28-0973	111948	28-1629	112722	28-1816	113758
28-0825	110075	28-0980	112162	28-1629	113574	28-1817	112806
28-0825	110233	28-0981	110965	28-1633	111148	28-1820	112299
28-0825	110505	28-0981	112719	28-1641	111610	28-1821	111579
28-0825	110508	28-0981	116331	28-1643	111279	28-1822	112810
28-0825	111250	28-0982	110890	28-1644	111578	28-1825	111139
28-0826	110679	28-0982	110912	28-1646	110632	28-1825	111149
28-0827	110168	28-0982	112768	28-1650	112056	28-1827	112734
28-0827	110458	28-0983	110805	28-1656	112056	28-1828	110631
28-0830	110706	28-0989	110235	28-1657	111620	28-1830	112046
28-0831	110697	28-0989	110505	28-1657	111654	28-1832	111687
28-0833	110969	28-0991	111164	28-1662	110619	28-1833	111676
28-0836	110318	28-0992	110607	28-1665	112782	28-1835	110881
28-0836	110805	28-0996	111036	28-1668	112557	28-1836	111280
28-0842	114203	28-0998	110881	28-1669	112453	28-1840	111363
28-0849	110972	28-0999	111428	28-1671	110682	28-1841	111609
28-0849	111168	28-1276	111428	28-1675	110385	28-1842	111169
28-0850	110445	28-1500	110701	28-1680	113376	28-1843	110770
28-0851	111093	28-1503	110620	28-1682	110267	28-1855	110967
28-0852	111705	28-1504	111048	28-1684	113920	28-1862	112765
28-0854	110913	28-1507	112162	28-1686	110682	28-1866	110105
28-0857	110168	28-1508	110664	28-1691	111169	28-1866	113632
28-0859	110358	28-1510	110890	28-1691	112056	28-1867	111705
28-0861	111082	28-1513	111185	28-1694	111705	28-1868	111538
28-0861	112728	28-1513	111289	28-1695	110679	28-1870	112229
28-0864	110972	28-1514	111662	28-1698	112270	28-1871	111426
28-0864	111168	28-1514	116131	28-1701	111339	28-1873	110233
28-0865	110972	28-1521	111240	28-1703	113376	28-1873	110505
28-0865	111168	28-1522	110264	28-1704	112769	28-1877	111279
28-0869	110923	28-1522	112270	28-1706	112765	28-1878	110770
28-0869	111093	28-1529	110385	28-1708	112769	28-1878	113474
28-0870	111093	28-1532	110458	28-1715	110959	28-1879	111176
28-0871	113574	28-1534	110168	28-1715	111710	28-1879	111293
28-0877	111078	28-1534	110307	28-1721	113187	28-1880	110267
28-0877	111687	28-1535	111048	28-1723	110804	28-1885	110607
28-0879	110707	28-1540	110679	28-1724	112736	28-1885	111623
28-0892	111321	28-1542	111948	28-1731	111361	28-1885	115890
28-0893	110697	28-1546	111325	28-1732	112093	28-1888	111948
28-0903	111075	28-1546	112756	28-1734	111686	28-1894	112098
28-0904	110675	28-1553	110505	28-1735	111035	28-1895	110496
28-0904	110927	28-1558	112729	28-1735	111148	28-1896	111186
28-0905	111841	28-1560	110965	28-1736	112780	28-1901	111141
28-0906	111071	28-1560	110967	28-1742	111226	28-1906	110622
28-0907	111289	28-1561	110682	28-1743	111267	28-1910	111406
28-0908	111267	28-1563	111139	28-1746	111264	28-1913	111514
28-0910	111397	28-1564	112270	28-1747	111294	28-1916	110675
28-0912	110318	28-1565	113793	28-1748	111747	28-1917	110631
28-0913	111149	28-1570	110700	28-1749	111705	28-1920	111479
28-0914	112754	28-1571	113347	28-1752	111154	28-1929	111477
28-0917	113793	28-1572	111176	28-1754	110877	28-1929	111820
28-0918	110806	28-1573	110564	28-1755	111237	28-1934	111437
28-0922	110607	28-1578	110891	28-1756	111317	28-1939	111352
28-0927	113611	28-1579	111705	28-1757	111315	28-1940	110701
28-0931	110512	28-1582	110540	28-1759	111364	28-1942	111605
28-0931	110699	28-1583	112746	28-1760	111605	28-1946	110048
28-0931	110706	28-1586	110360	28-1762	110968	28-1946	110127
28-0932	110923	28-1586	111035	28-1764	111418	28-1947	111154
28-0933	110105	28-1591	113474	28-1764	115873	28-1947	112149
28-0934	110496	28-1595	110622	28-1765	111094	28-1949	110127
28-0934	110620	28-1597	110496	28-1768	111352	28-1950	110882
28-0934	110628	28-1597	111705	28-1769	110891	28-1951	110985

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-1951	112338	28-2604	110986	28-2759	111594	28-2911	110882
28-1951	112629	28-2607	112679	28-2760	115742	28-2912	111264
28-1951	112640	28-2609	113832	28-2763	111898	28-2915	111514
28-1952	110127	28-2615	111325	28-2764	111223	28-2923	111514
28-1953	111354	28-2620	111705	28-2769	111902	28-2925	111893
28-1955	111309	28-2621	112681	28-2770	111319	28-2927	111873
28-1955	111375	28-2622	111872	28-2772	111515	28-2929	111718
28-1956	112529	28-2626	112557	28-2777	111899	28-2932	112772
28-1956	116129	28-2629	111601	28-2779	111579	28-2938	112086
28-1957	110621	28-2629	111963	28-2781	111623	28-2939	111018
28-1960	112329	28-2630	111689	28-2781	111742	28-2940	111843
28-1962	112298	28-2631	113447	28-2781	115890	28-2940	113531
28-1964	110499	28-2633	111353	28-2782	111587	28-2946	113498
28-1965	111176	28-2634	111807	28-2783	111890	28-2947	114432
28-1967	110675	28-2637	112698	28-2784	113469	28-2952	110105
28-1967	111428	28-2641	111309	28-2786	112228	28-2952	113632
28-1969	112299	28-2644	112492	28-2792	112556	28-2953	111375
28-1970	112230	28-2645	111832	28-2795	112688	28-2954	113498
28-1970	112292	28-2648	113531	28-2797	113500	28-2956	112780
28-1971	111807	28-2651	111689	28-2798	112698	28-2960	112765
28-1972	112750	28-2652	111812	28-2799	111956	28-2961	111287
28-1973	114026	28-2654	111704	28-2800	112349	28-2963	111850
28-1975	111082	28-2655	111929	28-2803	111598	28-2964	112043
28-1977	111732	28-2658	111318	28-2804	112129	28-2968	111980
28-1978	110360	28-2659	111831	28-2805	111017	28-2972	113634
28-1978	110913	28-2660	111287	28-2809	111279	28-2973	112709
28-1979	110984	28-2660	112799	28-2811	112375	28-2978	111294
28-1983	111285	28-2662	112121	28-2812	113785	28-2979	111989
28-1985	112183	28-2663	112530	28-2813	113758	28-2979	115482
28-1992	111148	28-2665	111428	28-2815	111946	28-2980	112355
28-1993	112810	28-2666	111872	28-2816	112067	28-2981	110912
28-1994	110659	28-2667	112557	28-2821	111289	28-2981	112719
28-1997	111048	28-2670	113921	28-2823	112352	28-2981	116331
28-2502	111226	28-2673	111036	28-2824	111148	28-2982	110629
28-2504	111411	28-2673	113471	28-2825	110622	28-2984	113868
28-2507	111048	28-2675	111722	28-2830	110805	28-2985	112079
28-2509	111803	28-2676	110675	28-2834	111828	28-2985	114789
28-2514	110607	28-2678	111620	28-2835	111289	28-2986	111946
28-2514	111623	28-2679	111498	28-2839	111381	28-2987	112719
28-2514	111742	28-2680	111532	28-2840	111873	28-2987	116331
28-2514	115890	28-2680	112467	28-2844	112128	28-2988	113887
28-2519	111316	28-2681	111267	28-2845	111802	28-2990	112002
28-2520	111148	28-2685	110178	28-2847	111824	28-2990	115483
28-2522	111507	28-2685	110891	28-2848	112205	28-2991	111883
28-2532	111200	28-2687	113604	28-2849	111756	28-2996	113340
28-2533	111517	28-2690	112230	28-2850	112530	28-2997	111846
28-2534	111237	28-2691	110759	28-2851	111478	28-2998	113785
28-2537	111518	28-2692	112768	28-2855	110724	28-3502	113350
28-2538	112529	28-2692	115689	28-2856	111090	28-3503	111623
28-2538	116129	28-2694	110703	28-2858	112035	28-3503	111742
28-2540	111518	28-2695	114084	28-2860	110471	28-3503	115890
28-2543	111355	28-2697	111413	28-2861	111405	28-3506	110500
28-2544	113632	28-2700	111689	28-2862	113770	28-3506	112639
28-2550	111354	28-2701	110360	28-2863	112680	28-3507	113349
28-2550	111369	28-2702	111319	28-2864	111820	28-3509	113885
28-2554	110806	28-2704	112325	28-2865	111397	28-3510	113832
28-2554	111929	28-2706	111416	28-2866	113611	28-3511	111788
28-2555	111435	28-2708	112065	28-2869	112165	28-3512	111318
28-2556	111739	28-2711	111477	28-2874	113383	28-3518	112750
28-2557	111176	28-2713	110496	28-2876	115652	28-3519	111289
28-2557	111289	28-2715	112069	28-2880	112557	28-3519	111362
28-2558	112746	28-2716	113533	28-2881	111232	28-3524	112406
28-2560	110923	28-2717	111505	28-2882	113485	28-3525	111779
28-2560	111354	28-2720	111991	28-2883	111978	28-3525	114245
28-2562	111406	28-2720	112709	28-2884	111353	28-3529	112194
28-2567	112151	28-2721	111409	28-2885	112722	28-3533	111722
28-2572	111223	28-2724	113536	28-2887	113788	28-3535	113879
28-2574	111888	28-2726	111963	28-2890	112351	28-3536	111626
28-2580	111164	28-2728	113939	28-2892	111797	28-3537	111285
28-2581	112207	28-2734	113537	28-2893	111369	28-3538	111626
28-2582	112687	28-2735	111505	28-2894	112578	28-3538	111956
28-2584	111267	28-2735	113537	28-2895	111719	28-3542	111468
28-2585	112687	28-2736	111468	28-2895	112679	28-3547	111381
28-2587	111988	28-2744	112098	28-2898	112387	28-3548	111806
28-2588	111477	28-2745	112056	28-2900	112328	28-3550	112362
28-2589	111898	28-2750	112356	28-2902	110503	28-3556	111294
28-2591	111820	28-2751	112191	28-2903	111767	28-3557	110235
28-2592	112703	28-2752	111354	28-2905	113786	28-3565	111902
28-2594	112287	28-2754	110770	28-2906	113519	28-3566	112021
28-2599	112102	28-2754	111738	28-2908	111883	28-3567	110679
28-2601	112800	28-2758	110699	28-2909	110496	28-3568	112202

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ELSTOCK <i>Continued</i>							
28-3569	111902	28-3755	112458	28-3906	112102	28-4612	112470
28-3571	111416	28-3756	112193	28-3918	112939	28-4613	111568
28-3573	112556	28-3757	111740	28-3919	112002	28-4614	113248
28-3577	111416	28-3760	112273	28-3921	113889	28-4615	115865
28-3580	111568	28-3761	112058	28-3922	113404	28-4616	113771
28-3584	111712	28-3763	114708	28-3925	111048	28-4616	113772
28-3594	111820	28-3765	113035	28-3926	112413	28-4618	113246
28-3594	111884	28-3766	111779	28-3928	112413	28-4621	112426
28-3595	111252	28-3768	112190	28-3930	110985	28-4621WH	112426
28-3596	111353	28-3770	111890	28-3931	112413	28-4622	113404
28-3597	111090	28-3772	113405	28-3932	110487	28-4624	113251
28-3601	112075	28-3773	112492	28-3933	112093	28-4628	112457
28-3602	110235	28-3774	111722	28-3935	116343	28-4631	113322
28-3604	112884	28-3778	113442	28-3936	112415	28-4632	113599
28-3610	111199	28-3782	113085	28-3938	112144	28-4633	112471
28-3612	112194	28-3784	112274	28-3944	112414	28-4637	112327
28-3622	111854	28-3791	114679	28-3949	112469	28-4638	113562
28-3623	111435	28-3794	112075	28-3951	112414	28-4639	113536
28-3625	111468	28-3797	113763	28-3953	113836	28-4641	113272
28-3626	113879	28-3799	112338	28-3956	111950	28-4642	113298
28-3628	112639	28-3800	112065	28-3957	111507	28-4643	113317
28-3629	112679	28-3801	111823	28-3958	113518	28-4644	114656
28-3630	113754	28-3801	112196	28-3959	115929	28-4645	113913
28-3631	112358	28-3801	115987	28-3960	115937	28-4648	113336
28-3634	112418	28-3802	112059	28-3963	113708	28-4649	113280
28-3635	112357	28-3802	113485	28-3965	113403	28-4650	111947
28-3637	112078	28-3803	112480	28-3966	111495	28-4653	115790
28-3638	112332	28-3806	112363	28-3967	112238	28-4664	115752
28-3639	113406	28-3807	112407	28-3968	112358	28-4665	114120
28-3642	111375	28-3809	113089	28-3974	115711	28-4668	114361
28-3644	113888	28-3810	112327	28-3979	112063	28-4669	112193
28-3646	110471	28-3811	113306	28-3989	112419	28-4675	112406
28-3646	110508	28-3812	111710	28-3995	113952	28-4682	112750
28-3647	113942	28-3814	113285	28-3997	114461	28-4684	113787
28-3648	113403	28-3815	110499	28-4500	112472	28-4689	113950
28-3655	112199	28-3816	113575	28-4504	113317	28-4693	111355
28-3657	111990	28-3817	113952	28-4505	115864	28-4697	115709
28-3658	112270	28-3818	113440	28-4507	113486	28-4699	113324
28-3660	112144	28-3824	111018	28-4509	113771	28-4701	113272
28-3661	110659	28-3826	111605	28-4511	112359	28-4702	113755
28-3665	111708	28-3831	112327	28-4512	112468	28-4704	113948
28-3668	113486	28-3834	111538	28-4515	112648	28-4706	113331
28-3669	112144	28-3835	111830	28-4516	112328	28-4709	113949
28-3671	112548	28-3837	112461	28-4521	112399	28-4713	113874
28-3672	111779	28-3838	115791	28-4522	113942	28-4716	113352
28-3680	113489	28-3839	112271	28-4525	116017	28-4725	113951
28-3683	112772	28-3840	112428	28-4527	113939	28-4728	113944
28-3685	114386	28-3840	115673	28-4530	110986	28-4730	115844
28-3689	113489	28-3841	113296	28-4532	111364	28-4731	113253
28-3691	112194	28-3843	112062	28-4535	114663	28-4734	116172
28-3694	112072	28-3845	113401	28-4537	113300	28-4736	112772
28-3695	113603	28-3847	112428	28-4538	114084	28-4737	113407
28-3698	113770	28-3847WH	112428	28-4542	114214	28-4745	114201
28-3701	111723	28-3851	112462	28-4544	113404	28-4746	113718
28-3702	112458	28-3852	113519	28-4545	113328	28-4751	114215
28-3703	112193	28-3855	111678	28-4546	113943	28-4768	113954
28-3704	111943	28-3856	110959	28-4547	113352	28-4773	113992
28-3705	112397	28-3857	111719	28-4548	112428	28-4775	113889
28-3709	113275	28-3859	113330	28-4548WH	112428	28-4776	114836
28-3712	112079	28-3861	112272	28-4550	112458	28-4777	115619
28-3717	111781	28-3862	115307	28-4551	110488	28-4781	114115
28-3718	112529	28-3865	112399	28-4555	113404	28-4789	113246
28-3718	116129	28-3866	114114	28-4556	116337	28-4791	113246
28-3720	112197	28-3867	111967	28-4562	113296	28-4799	114112
28-3721	112333	28-3868	113283	28-4566	111873	28-4808	113835
28-3724	112396	28-3869	115660	28-4567	112415	28-4809	114010
28-3727	111937	28-3870	113407	28-4573	112693	28-4811	113884
28-3729	111216	28-3875	113285	28-4580	112360	28-4812	113896
28-3731	112389	28-3876	113510	28-4582	111309	28-4812	116158
28-3735	111478	28-3877	113577	28-4586	111850	28-4814	113657
28-3737	112190	28-3879	112750	28-4587	111850	28-4816	113947
28-3738	112057	28-3881	110620	28-4588	116170	28-4818	113252
28-3740	112203	28-3882	114300	28-4597	113517	28-4820	113720
28-3743	112194	28-3884	113285	28-4600	112467	28-4820	116064
28-3744	112425	28-3885	114158	28-4601	113336	28-4824	113685
28-3745	112394	28-3887	113751	28-4602	113697	28-4827	114894
28-3748	115476	28-3888	112416	28-4603	113247	28-4829	114128
28-3750	113336	28-3891	112471	28-4605	111075	28-4831	115837
28-3750	113943	28-3898	112068	28-4606	113503	28-4836	113871
28-3751	111355	28-3899	112128	28-4610	113245	28-4836	115867
28-3752	112460	28-3900	113882	28-4611	112397	28-4840	113519

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28-4842	113279	28-5581	116311	28-5756	115847	28-5984	115930
28-4844	113274	28-5584	116120	28-5760	111719	28-5985	115580
28-4848	116173	28-5584	116121	28-5762	113967	28-5986	115868
28-4849	113858	28-5588	113862	28-5763	112205	28-5988	115412
28-4849	115976	28-5590	115434	28-5768	113992	28-5990	115669
28-4853	113316	28-5591	113958	28-5769	115661	28-5997	116111
28-4854	115415	28-5593	114898	28-5770	115763	28-6503	115852
28-4855	114877	28-5594	114709	28-5774	115923	28-6506	115748
28-4861	115621	28-5594	116332	28-5776	114844	28-6509	115924
28-4866	113877	28-5598	115853	28-5777	114832	28-6510	115581
28-4869	111884	28-5599	115855	28-5778	115766	28-6514	115713
28-4874	114353	28-5604	115927	28-5780	115649	28-6514	116319
28-4875	113837	28-5618	115383	28-5781	115856	28-6515	115714
28-4876	114122	28-5620	114806	28-5786	115380	28-6517	115655
28-4884	113945	28-5620	115874	28-5788	114831	28-6522	114900
28-4888	114841	28-5623	114099	28-5789	115857	28-6526	115318
28-4889	113718	28-5624	113898	28-5790	113253	28-6527	115860
28-4892	114258	28-563	110134	28-5791	114082	28-6535	115647
28-4908	113792	28-5630	114664	28-5791	116043	28-6536	115921
28-4909	113722	28-5634	113600	28-5792	112557	28-6538	116185
28-4909	115963	28-5636	114189	28-5797	115826	28-6539	115767
28-4914	113721	28-5637	114495	28-5798	113310	28-6543	115459
28-4917	113535	28-5640	114704	28-5800	114667	28-6550	116075
28-4919	113919	28-5641	114102	28-5806	115909	28-6551	116107
28-4923	113956	28-5641	116068	28-5807	115788	28-6562	115715
28-4925	113955	28-5642	115653	28-5808	115787	28-6565	115671
28-4926	113996	28-5643	115305	28-5811	114350	28-6572	114247
28-4928	115453	28-5645	114463	28-5814	114192	28-6575	115631
28-4930	113404	28-5648	114509	28-5824	114311	28-6591	115810
28-4935	113720	28-5649	113791	28-5827	115913	28-6594	115920
28-4935	116064	28-5650	113941	28-5828	115906	28-6595	116184
28-4937	114463	28-5653	113758	28-5830	115380	28-6597	116169
28-4945	113953	28-5655	114768	28-5832	114780	28-6598	115760
28-4947	115919	28-5656	114088	28-5834	115411	28-6600	114834
28-4953	111712	28-5657	114673	28-5836	114451	28-6601	115836
28-4960	115677	28-5659	113863	28-5838	115582	28-6603	115975
28-4961	115905	28-5663	114857	28-5841	115622	28-6612	115815
28-4963	115846	28-5665	113302	28-5842	116186	28-6614	115765
28-4970	114257	28-5666	114658	28-5844	116189	28-6623	115912
28-4972	115317	28-5667	115409	28-5846	111847	28-6626	115716
28-4973	114859	28-5669	114812	28-5847	115859	28-6628	115746
28-4975	115835	28-5670	113742	28-5853	115730	28-6629	115648
28-4980	115473	28-5672	115452	28-5855	115367	28-6632	115340
28-4987	113536	28-5673	114705	28-5855	114207	28-6639	112578
28-4988	113837	28-5673	115490	28-5861	115382	28-6641	112556
28-4989	113993	28-5674	114462	28-5864	115474	28-6642	115701
28-4992	113956	28-5676	114895	28-5865	116066	28-6649	115827
28-4997	114491	28-5678	114754	28-5866	114290	28-6651	115863
28-4998	114131	28-5680	115308	28-5870	115929	28-6653	115455
28-5501	114354	28-5680	115346	28-5881	114385	28-6653	116321
28-5502	114130	28-5687	112457	28-5883	115704	28-6660	115843
28-5502	116069	28-5688	113285	28-5885	114202	28-6662	115528
28-5506	112021	28-5690	113881	28-5888	114392	28-6664	114287
28-5508	113881	28-5691	114737	28-5889	115365	28-6665	114805
28-5511	115907	28-5692	113946	28-5893	114467	28-6674	116176
28-5514	116096	28-5693	115678	28-5898	115910	28-6676	116012
28-5515	114040	28-5694	113987	28-5902	114379	28-6678	115412
28-5522	115658	28-5696	114749	28-5909	116105	28-6683	115532
28-5524	113791	28-5703	113946	28-5913	115384	28-6684	115908
28-5528	114884	28-5705	114244	28-5914	113763	28-6685	116030
28-5530	114431	28-5707	115615	28-5916	115651	28-6690	115583
28-5531	114042	28-5708	114665	28-5918	115587	28-6690	116183
28-5531	116113	28-5709	114518	28-5919	115988	28-6691	114536
28-5532	114803	28-5710	115606	28-5922	115304	28-6693	114847
28-5535	113971	28-5714	115796	28-5924	115429	28-6695	114770
28-5538	113330	28-5715	113405	28-5928	115668	28-6697	115861
28-5547	114023	28-5716	113575	28-5930	115707	28-6700	114879
28-5551	115789	28-5718	113246	28-5949	115477	28-6702	115461
28-5553	112961	28-5719	115804	28-5950	114229	28-6702	116061
28-5560	113904	28-5722	115955	28-5951	115437	28-6706	114826
28-5562	115858	28-5723	115532	28-5957	114897	28-6707	115683
28-5564	113861	28-5724	115928	28-5964	114779	28-6726	114350
28-5565	113791	28-5731	115708	28-5965	114694	28-6733	113986
28-5568	114245	28-5731	116352	28-5969	115526	28-6736	115475
28-5569	115926	28-5733	114291	28-5971	115410	28-6738	115703
28-5570	114720	28-5735	116056	28-5973	114728	28-6741	113352
28-5571	114881	28-5739	114121	28-5974	115667	28-6744	115960
28-5575	115904	28-5740	114039	28-5977	115747	28-6745	115695
28-5577	114249	28-5750	114121	28-5978	115692	28-6748	112002
28-5579	114080	28-5754	114380	28-5979	115654	28-6749	115952
28-5581	114811	28-5754	116060	28-5980	115753	28-6752	112183

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ELSTOCK <i>Continued</i>							
28-6756	115811	29-0547	110484	45-1366	110980	45-3193	113484
28-6759	114191	29-0612	111225	45-1368	110582	45-3198	111003
28-6764	115916	29-0640	116436	45-1370	110535	45-3199	113466
28-6768	115679	45-0016	110566	45-1382	110580	45-3259	112822
28-6771	115718	45-0030	110531	45-1392	110580	45-3259	115880
28-6772	114024	45-0091	110512	45-1393	112649	45-3261	112823
28-6773	115657	45-0113	110527	45-1401	110555	45-3261	115872
28-6779	115576	45-0114	110214	45-1401	114164	45-3281	113609
28-6780	115739	45-0123	111218	45-1403	112120	45-3302	114523
28-6781	115720	45-0128	110512	45-1409	110555	45-3302	115514
28-6782	116138	45-0128	110601	45-1409	111020	45-3331	112446
28-6785	112559	45-0133	110205	45-1428	110512	45-3331	116135
28-6791	115759	45-0150	110212	45-1429	110524	45-3332	113759
28-6794	115834	45-0150	110213	45-1430	110209	45-3350	113760
28-6795	115911	45-0174	110524	45-1430	110932	45-3353	112498
28-6796	115932	45-0178	111637	45-1431	111637	45-3370	114169
28-6797	116089	45-0180	110209	45-1445	111231	45-3394	113453
28-6799	115457	45-0180	110932	45-1462	110490	45-3400	113608
28-6799	116125	45-0184	110534	45-1463	112243	45-3429	114100
28-6800	115606	45-0185	110206	45-1468	114438	45-3429	115893
28-6803	114000	45-0190	110210	45-1468	114744	45-3439	113934
28-6804	115316	45-0197	110207	45-1477	110524	45-3443	113891
28-6806	116007	45-0200	110205	45-1498	113191	45-3443	115509
28-6811	115980	45-0202	110520	45-184	110534	45-3444	113859
28-6813	113631	45-0206	111218	45-202	110520	45-345	110517
28-6814	115764	45-0219	110523	45-2044	111097	45-3468	114310
28-6816	114463	45-0219	113464	45-2059	110347	45-3468	115888
28-6817	114097	45-0228	110518	45-2061	110512	45-3494	113672
28-6826	114201	45-0249	112651	45-2090	112323	45-3494	115881
28-6837	115761	45-0252	110517	45-2113	112372	45-398	110521
28-6843	115632	45-0252	110521	45-2116	112116	45-4013	114073
28-6845	116163	45-0291	110206	45-2138	111679	45-4036	113669
28-6848	116009	45-0313	110212	45-2146	112090	45-4073	113984
28-6851	111226	45-0316	113484	45-2146	112091	45-4135	114193
28-6853	113858	45-0327	110208	45-2170	112342	45-4135	115877
28-6853	115976	45-0329	112091	45-2173	114319	45-4200	114323
28-6854	111411	45-0330	110212	45-2175	112055	45-4200	115889
28-6862	115431	45-0331	110601	45-2178	111910	45-4203	114196
28-6867	116178	45-0345	110517	45-2184	110206	45-4226	114307
28-6873	115933	45-0354	112132	45-2188	112055	45-4267	114268
28-6878	115959	45-0381	110212	45-2196	110944	45-4272	114733
28-6884	113967	45-0398	110521	45-2198	113850	45-4272	115894
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28-6888	116153	45-0412	113466	45-2213	110999	45-4280	114873
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28-6916	113716	45-0473	111231	45-2333	111247	45-4400	114086
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28-6947	114235	45-1005	111558	45-2361	113203	45-4418	115801
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28-6951	115603	45-1038	113194	45-2377	110210	45-4430	114474
28-6952	116214	45-1060	110581	45-2397	111000	45-4498	114193
28-6957	116101	45-1091	111640	45-2401	113184	45-4498	115877
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28-6989	115665	45-1123	110213	45-2432	114398	45-5028	115439
28-6993	115866	45-1123	110532	45-2445	112323	45-5028	115876
28-6997	116179	45-1154	113468	45-2455	112116	45-5041	114326
28-726	110969	45-1185	112670	45-2459	110582	45-5042	114693
28-7500	116292	45-1211	113210	45-2488	114100	45-5055	114282
28-7505	113330	45-1245	111231	45-2488	115893	45-5057	114693
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28-7521	116100	45-1267	110999	45-3007	112494	45-5218	114196
28-7522	113975	45-1271	110519	45-3020	113979	47-0539	110766
28-7525	114433	45-1271	111219	45-3066	112581	47-0540	112097
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28-761	112310	45-1297	110981	45-3097	113277	47-0659	110116
28-773	110912	45-1298	113464	45-3103	112446	47-0660	110766
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29-0503	110483	45-1330	110616	45-3184	113676	47-0884	111596
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
47-0896	111331	48-3675	111842	ALP12N-1	110969	1319121080	111130
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47-1606	111484	48-3692	110300	ALP12N-24	111078	1329201080	112436
47-2748	111613	48-3728	111631	ALS12-81	110350	1331329080	112026
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48-0529	112747	48-3764	113477	ALS12N-72	111289	1342792080	114460
48-0541	112097	48-3771	113448	ALS12N-75	111289	1347058080	113935
48-0590	110163	48-3780	111295	ALS12N-82	110348	1349920080	114054
48-0590	111834	48-3844	111295	ALT12N-11	110178	1349920080	115516
48-0591	111834	48-3980	113295	ALT12N-13	110968	1473638080	112053
48-0636	112261	48-3984	113289	ALT12N-14	110178	1475489080	112053
48-0644	110112	48-4552	112427	ALT12N-2	110968	2022607	110882
48-0659	110116	48-4552	115871	ALT12N39	111289	2022612	110890
48-0666	110113	48-4557	115602	ALT12N-39	110178	2961928	110530
48-0697	110163	48-4563	113923	DNL12-22	110482	3917420	110368
48-0710	112210	48-4563	115879	DNL12E-42	110483	4152101	110611
48-0734	110766	48-4667	113351	MOC12-2	110793	4152610	112097
48-0741	110113	48-4793	112424	MTA12-14	110367	4152612	110882
48-0741	110906	48-4822	113212	MTA12-19	110367	4166213	110611
48-0741	113920	48-4845	113284	MTA12-19M	110367	4169096	110813
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48-0848	111658	48-4859	115484	MTA12-39	110365	4174626	110611
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48-0860	110052	48-4979	115800	MTA12-43	110367	4187587	110521
48-0878	110895	48-4993	114212	MTA12P-15	110367	4198600	110338
48-0889	111614	48-5519	111842	MTA12-P19	110367	4198601	110338
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48-1550	112784	48-5686	111631	MTL12-10	115423	4229114	110365
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48-1801	112076	48-6758	113351	F139900060011	112039	4275285	110899
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48-1922	110906	48-6938	115617	F934900060010	114838	4403045	111289
48-1922	113920	48-6938	115618	F934900060060	114475	4424346	110912
48-1931	111261	48-741	110113	G198902011010	111978	4434084	111035
48-1988	114077	48-7523	112038	G345900011010	112098	4436732	110338
48-2545	112076			G515900010100	112196	4447411	110912
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48-2838	112288	4159015	113464	X830100004	111232	4474750	110352
48-2842	112343	4792491	112747	X830100009	111332	4474752	111180
48-2851	111720					4474752	116133
48-2852	111720	FEMSA		FIAT		4474815	110899
48-2859	111842	ALB40-68	110611	04763995	110521	4474816	110899
48-2922	111569	ALB40-86	110611	130019808	113451	4474902	112097
48-2937	112561	ALD12N-53	110743	1300198080	113451	4474903	110611
48-2989	111987	ALF12-18	110968	1305709080	111802	4474904	110611
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48-3674	111987					4475266	116133

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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50500728	114749	51854103	115384	55192482	113931	71716607	112058
5101645	110882	51854898	115429	55192483	113962	71716608	113603
5111319	113381	51854901	114493	55192484	113962	71716609	112480
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51709132	115615	51854907	115852	55195030	112382	71719600	114460
51709133	113718	51854909	113720	55195211	113931	71719601	111070
51714791	113535	51854909	116064	551952110	113430	71719602	111070
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51784847	113721	51873926	115312	5943452	110912	71750271	115444
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51787165	114082	51874104	116125	5947376	111078	71768682	115866
51787196	114706	51874105	115457	5955503	111148	71780119	112190
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51788658	114806	51880229	115869	5960292	110912	73503235	114204
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51805800	113722	51929095	115457	5973034	111078	7546343	111078
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51805801	114451	51944877	115668	5976915	110912	7547935	111620
51805803	113721	51944878	115384	5992153	111620	7548143	111620
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51829383	115346	52003531	113718	60817038	113536	7580209	111148
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51832950	113962	52003533	115615	6706931	110517	7581975	110360
51832951	113962	52003536	114462	703009641	113721	7588791	111148
51832952	113962	52003537	115647	70699268	111261	7588942	112455
51832954	113931	52003538	115620	71716554	111130	7589005	111421

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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7589151	116327	77515410	110882	K56029574AA	115679	1072156	111909
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75891510	116327	77523410	111148	V450DT	113381	1073049	112698
7596859	111148	77525410	111148			1073090	111795
7612952	111025	77563430	110520	FIAT ALLIS		1073093	112290
7621040	111025	77604410	111620	73113742	110801	1073108	112251
76221040	111025	77612430	111066	73119134	110801	1074633	112325
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7629272	111654	77679430	111421	FORD		1076141	111374
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7646189	111620	7772459	111422	1004565	111906	1087280	112340
7646261	111620	7773812	112124	1004566	111906	1088304	113952
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77323430	111619	9640878780	112461	1057661	111374	1140110	115870
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				1067621	113701	1149703	114162

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1151212	113709	1379699	115417	1478187	116124	1671515	111906
1151213	113708	1379700	115847	1478281	114129	1671579	114092
1151214	112142	1379701	115434	1478331	112235	1673520	114462
1151215	111906	1379702	113906	1478608	113709	1673521	113535
1151216	112235	1379703	115641	1479818	113883	1676842	113922
1151641	112821	1385378	113959	1480550	114092	1676843	113849
1151641	115870	1385784	113911	1483817	113905	1678607	114805
1151642	111374	1385784	116157	1485513	110759	1678608	114805
1188206	113884	1387062	112821	1485514	110759	1682130	115908
1191213	113708	1387062	115870	1485762	114128	1684865	114157
1205240	111374	1387092	114092	1486810	115659	1685791	115459
1211891	113709	1387219	115750	1496231	114804	1685793	114724
1214371	112821	1388002	115417	1502880	113905	1685834	116049
1214371	115870	1388003	115847	1504563	110178	1687623	115769
1215766	112142	1388004	115434	1506299	114866	1704085	113849
1218885	113794	1404791	113958	1506300	114724	1704768	115459
1219711	112142	1404792	114064	1507007	110759	1704769	114724
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1229258	113922	1416231	111906	1516986	110482	1705484	115615
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1237323	111906	1449569	112352	1539686	111906	1726350	115400
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1319014	114757	1465010	113794	1575034	111906	1881471	115312
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1342191	115762	1465173	113710	1581844	114064	1C1T10300BB	113621
1345314	113910	1465173	116124	1591213	111131	1L2210300AB	112946
1350459	113905	1469391	115417	1592234	114129	1L2U10300AB	112946
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1352431	114248	1469721	113911	1624968	110465	1L8U10300CD	112961
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1361259	114009	1477482	113906	1638243	110842	1M2111000AA	112286
1365666	112235	1477737	113922	1644028	112290	1M5T10300BA	112142
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1368970	116062	1477856	116362	1653206	110461	1S4U11000AB	114119
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1372737	114064	1477859	116362	1653210	110461	1S7T10300BA	113709
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1376305	113911	1477972	116124	1658023	111176	1S7T10300BE	113709
1376305	116157	1477973	113910	1668894	111623	1S7T10300CA	113708
1376671	113710	1477974	113910	1668894	115890	1S7T10300CB	113708
1376671	116124	1478119	113708	1669558	113959	1S7T10300CC	113708
		1478187	113710	1670812	113905	1S7T10300CD	113708



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1S7T10300CE	113708	2S7T11000AD	111374	3M5T10300FA	115460	4069776	113285
1S7T10300CF	113708	2S7T11000DA	112821	3M5T10300GA	115460	4078768	112821
1S7T10300DA	113709	2S7T11000DA	115870	3M5T10300JA	114157	4078768	115870
1S7T10300DB	113709	2S7T11000DB	112821	3M5T10300JB	114157	4098414	113285
1S7T10300DC	113709	2S7T11000DB	115870	3M5T10300JC	114157	4170444	113621
1S7T10300DD	113709	2S7T11000DC	112821	3M5T10300JD	114157	4332279	113285
1S7T10300DE	113709	2S7T11000DC	115870	3M5T10300KA	115601	4344538	112352
1S7T10300DF	113709	2S7T11000AA	111374	3M5T10300KB	115601	4348654	113702
1S7TBC	113709	2S7U11000DA	112821	3M5T10300KC	115601	4362258	113913
1S7T-CD	113708	2S7U11000DA	115870	3M5T10300LA	114065	4371000	113710
1S7TT10300CB	113708	2T1411000AB	113910	3M5T10300LB	114065	4371000	116124
1S7TT10300CC	113708	2T1411000BA	113910	3M5T10300LC	114065	4371001	113710
1S7U11000AB	113794	2T1411000BB	113910	3M5T10300LD	114065	4371001	116124
1S7U11000AC	113794	2T1411000BC	113910	3M5T10300NB	114083	4374447	113710
1S7U11000AD	113794	2T1411000CA	113910	3M5T10300NC	114083	4374447	116124
1S7U11000AE	113794	2T1411000CB	113910	3M5T10300PA	113922	4374448	113710
1S7U11000AF	113794	2T1411000CC	113910	3M5T10300PB	113922	4374448	116124
1S7U11000AG	113794	2T1411000AA	113910	3M5T10300PC	113922	4394204	113710
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1S7U11000AA	113794	2T1U10300AE	113710	3M5T10300VD	113978	4509615	115870
1X4310300BD	115788	2T1U10300AE	116124	3M5T10300XC	115750	4520765	112821
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1X4U11000AA	111374	2T1U10300AF	116124	3M5T10300YA	113849	4529404	112821
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2S6U11000DB	114162	3601014	112352	3S6T10300AD	116362	4X4U11000AB	111374
2S6U11000DC	114162	3601369	113702	3S6T10300AA	113912	4X4U11000AC	111374
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2S7T10300BB	114757	3C3Z11002A	113703	4022225	112235	5007062	111289
2S7T10300BC	114757	3C3Z11002AA	113703	4033064	113910	5007074	111086
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5007083	111131	5M5T11000CB	112821	69EB10002C1	110482	71BB10300EB	111086
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5008989	111362	5T1U10300AA	113710	69EB10346AD	110178	71BB10300FB	110759
5010556	111184	5T1U10300AA	116124	6C1T10300BA	113958	71BB11000DA	110336
5010557	111289	6021771	110759	6C1T10300BB	113958	71BB11000E2A	110831
5011974	111364	6021775	111289	6C1T10300BC	113958	71BB11000E2B	110831
5016230	111131	6033117	111289	6C1T10300BD	113958	71BB11000EA	110831
5016231	111131	6039198	112251	6C1T10300CA	114064	71BT10346EA	111086
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5016233	111131	6129114	112290	6C1T10300CC	114064	71YB11000AA	116137
5016234	111131	6130216	112290	6C1T10300CD	114064	7203201	111477
5016235	112290	6136276	111289	6C1T11000AB	113959	7203211	112166
5018940	111131	6136946	111362	6C1T11000AC	113959	7275964	113701
5018942	111131	6136957	110891	6C1T11000AD	113959	7275998	112325
5018943	111131	6147936	112290	6C1T11000AE	113959	7275999	111293
5018944	111131	6149609	111131	6C1T11000AF	113959	72GB10300LA	110759
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5022454	111131	6157861	111131	6G9N10300ADA	115544	7308195	112151
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5023530	111289	6158978	112290	6G9N10300HB	115434	73BB11000B2A	110831
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5023549	110867	6159682	111364	6G9N10300HD	115434	7412672	112290
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5027121	112290	6504722	111131	6G9N11000KB	113303	76BB10300HO	111289
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5027804	111131	6544358	111131	6G9N11000MA	115725	76BB10300KB	111086
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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79AB11000BB	110336	84AB10300MA	111364	87BB11000BA	111131	91AB11000FD	112290
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79AB11000BO	110336	84AB10300AA	111364	87BB11000EA	111030	91AB11000GB	110867
79AB11000AA	110831	84AB10346MB	111364	87BB11000EB	111030	91AB11000HA	112290
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81AB10300AC	111289	85GB11000CA	111030	894X10300AE	115890	91BB11000FA	111030
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81AB10300BA	111289	864F10300EA	111364	89821291	112074	91BB11000HA	111030
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82013922	112074	86AB11000A2A	112290	89FF10300AF	111176	924F10300AA	111623
82013923	113968	86AB11000AC	110867	89FF10300AG	111356	924F10300AA	111623
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82GB111000BA	110831	86AB11000JA	111131	89FX10300JA	111176	924FX10K359AA	111742
82GB111000CA	110336	86AB11000KA	111131	8A031840SB	111374	924X10300AB	111623
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835F11000AB	112251	86AB11000MA	111131	8M5T10300PB	113922	924X10300AB	111742
835F11000AC	112251	86AB11000NA	111131	8M5T10300PC	113849	924X10300AB	115890
835F11000BB	112251	86AB11000OA	110867	8M5T10300PD	113849	92AB10300DC	111293
835F11000AA	112251	86AB11000PA	111131	8M5T10300PE	113906	92AB10300DD	111293
835FX11000B	112251	86AX10300AB	111362	8M5T10300PF	113906	92AB10300FA	111293
835FX11000B	112251	86AX10300ADA	111364	8M5T10300PG	114866	92AB10300FB	111293
835FX11000BB	112251	86AX10300DB	111362	8V2110300AB	114724	92AB10300FA	111131
83AB10300AC	111289	86AX10300MB	110891	8V2110300BB	113905	92AB10300FB	111131
83AB10300AA	111289	86AX10300MA	111362	8V211000AC	113905	92AB11000CA	111131
83BB10300DA	111289	86BB10300DB	110179	8V211000AD	113905	92AB11000CB	111131
83BB10300DB	111289	86BB11000EA	110336	8V211000AE	113905	92AB11000DA	111131
83BB10300DC	111289	86BB11000SA	111030	8V211000AF	111906	92AB11000FA	111131
83BB10300EA	111289	86FB10300BA	111364	8V211000AG	111906	92AB11000FB	111131
83BB10300HA	111362	86FB10300AA	111364	8V211000AH	111906	92AB11000GA	111750
83BB11000AB	110336	86GB11000CA	111131	8V211000AI	111906	92AB11000GB	111131
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83BB11000BB	110831	86GB11000GA	111131	91AB10300SA	111293	92AB11000HB	112290
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83BB11000EA	110831	86GB11000KB	110842	91AB11000BA	111131	92AB11000KA	111131
83BB11000EB	110831	86GB11000MA	111131	91AB11000BJ	111131	92AB11000LA	111131
83BB11000FA	110336	86GB11000NA	111131	91AB11000CA	111131	92AB11000AA	111131
83BB11000FB	110336	86GB11000OA	111131	91AB11000CB	111131	92AX11000FA	111131
83BB11000AA	110336	86VB10300A2	110770	91AB11000CC	111131	92AX11000HA	112290
83BX10300DC	111289	86VB10300AA	110770	91AB11000DA	111131	92AX11000HB	110867
83DB10346AA	112747	870G10300AA	111364	91AB11000EA	111131	92AX11000JA	111131
		873F10300BA	110770	91AB11000EB	110867	92BB11000AA	111030
				91AB11000FA	112290	92FB10300FB	111293

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
93BB10300FA	112151	96BB11000A4B	112235	98AB11000BB	111906	C20Z11001A	110227
93BB10300FB	112151	96BB11000AB	112235	98AB11000BC	111906	C20Z11002A	110227
93BB10300FC	112151	96BB11000AC	112235	98AB11000BD	111906	C20F11001A	110227
93BB10300FD	112151	96BB11000AA	112235	98AB11000CA	111906	C20F11001B	110227
93BB10300FE	112151	96FB10300DA	113447	98AB11000CB	111906	C20F11001C	110227
93BB10300FF	112151	96FB10300DC	113447	98AB11000CC	111906	C20F11001D	110227
93BB10300FG	112151	96FB10300DD	113447	98AB11000CD	111906	C20F11001E	110227
93BB11000BA	112340	96FB10300DE	113447	98AB11000AA	112290	C20Z11002A	110227
93BB11000BB	112340	96FB11000CB	111906	98AZ10346EA	112958	C20Z11002B	110227
93BB11000BAA	112340	96FB11000CC	111906	98AZ10346EN	112958	C2VF11001C	110224
93BB11000CA	112235	96FB11000KA	111906	98AZ10346FA	112959	C2VF11002A	110227
93BB11000CB	112235	96FB11000KB	111906	98BB11000AA	111374	C2VY11002A	110224
93BB11000DB	112235	96FB11000KC	111906	98MF10300CA	113952	C30F11001A	110227
93BB11000HA	112235	96FB11000KD	111906	98MF10300CB	113952	C30F11001B	110227
93BB11000HB	112235	96FB11000LB	111906	98MF10300CC	113952	C30Z11002B	110227
93BB11000HBN	112235	96FB11000LC	111906	98VB10K359AB	111797	C30Z11002C	110226
93BB11000HC	112235	96FB11000LD	111906	98VB10K359BA	111797	C30F11001A	110227
93BB11000JA	112340	96FB11000MA	113701	98VB10K359BB	111797	C30F11001B	111224
93BB11000JB	112340	96FB11000MB	113701	98VB10K359BC	111797	C30Z11002A	110227
93BB11000JC	112340	96FB11000MC	113701	98VB11000AB	112251	C30Z11002C	110224
93BB11000KA	111374	96FB11000MD	113701	98VB11000AB1A	112251	C3VF11001A	110224
93BB11000KB	111374	96FB11000ME	113701	98VB11000B1A	112251	C40F11001A	110227
93BB11000KC	111374	96FF10300DB	112121	98VB11000B3A	112251	C40F11001B	110227
93BB11000KD	111374	96FF10300DC	112121	98VB11000B3B	112251	C40F11001A	110227
93FF10300AA	112325	97AB10300AB	112121	98VB11000BA	112251	C40F11001B	110224
94GB10300BB	111623	97AB10300AC	112121	98VB11000BBB	112251	C4TF11001B	110226
94GB10300BB	115890	97AB10300AD	112121	98VB11000BC	112251	C4TZ11002B	110226
954F10300AA	111623	97AB10300AE	112121	98VB11000AA	112251	C4VF11001A	110226
954F10300AA	115890	97AB10300AA	112121	98VN10300CA	112079	C4VY11002A	110226
954F10K300AB	111623	97BB10300BA	112151	98VP10K359BA	111797	C4ZF11001A	110227
954F10K300AB	115890	97BB10300BB	112151	98VP10K359BB	111797	C5AF11001A	110226
954F10K300AA	111623	97BB10300BC	112151	98VW10300CA	112079	C5FF11001D	110509
954F10K359AB	111623	97BB10300BD	112151	98VW10300EA	112002	C5TF11001A	110224
954F10K359AB	115890	97BB11000B3D	114119	9G9N10300CA	114724	C5TF11001B	110227
954F10K359AA	111623	97BB11000BA	112290	9G9N10300AA	115908	C5TZ11001A	110224
954F10K359AA	115890	97BB11000BB	112290	9M5N11000AA	115769	C5TZ11002A	110224
95AB10300DA	112680	97BB11000BC	112290	9M5T11000AA	115769	C5TZ11002C	112089
95AB10300DB	112680	97BB11000BD	112290	9S5110346AB	114462	C5TZ11002D	110224
95AB10300DC	112680	97KB11000AB	111680	9S5110346BA	113535	C6AF11001A	110226
95AB10300DI	112680	97KB11000AC	111680	9S5110346BB	113535	C6AZ11002A	110226
95FB11000BB	113701	97KB11000AA	113701	9S5110346HA	115615	C6FF11001	110509
95FB11000BC	113701	97VB11000AB	112251	9S5110000AB	113962	C6FF11001B	110509
95FB11000BD	113701	97VB11000AC	112251	9S5110000AA	113962	C6FF11001D	110509
95FB11000BG	113701	97VB11000AA	112251	AC1T10300BA	113958	C6NF11000A	110462
95FF10300AB	112325	97VW10300EA	111828	AC1T10300BB	113958	C6NF11000A	116137
95FF10300AC	112325	97VW11000BA	112286	AC1T10300CA	114064	C6TF11000A	112089
95FF10300AD	112325	97VW11000BB	112286	AC1T10300CB	114064	C6TF11000C	112089
95FF10300AA	112325	97VW11000AA	111900	AG9T10300CA	114805	C6TZ11002E	112089
95GB10300LA	112698	98AB10300DB	112143	AG9T10300AA	114805	C6VF11001A	110226
95GB10300LB	112698	98AB10300DC	112143	AH2210300AB	116007	C6VF11002A	110226
95GB10300MA	112698	98AB10300DD	112143	AH2211001AC	116286	C6VY11002A	110226
95GB10300MB	112698	98AB10300DE	112143	AH2211001AD	116286	C6VY11002B	110226
95GB11000CA	111030	98AB10300DF	112143	AH2211001AE	116286	C70F11001A	110226
95GB11000EA	111030	98AB10300DG	112143	AH2211001AF	116286	C7AF11001A	110226
95GB11000FA	111030	98AB10300DH	112143	AH5211001AC	115725	C7AF11001B	110227
95GX11000EA	111030	98AB10300DJ	112143	AMEF3C11000BA	116049	C7AF11001C	110226
95VW10300ABA	111988	98AB10300EB	112958	AMEV3C11000AA	116052	C7AF11001E	110226
95VW10300KA	112709	98AB10300FC	112959	AV6N10300DB	115459	C7AF11001F	110224
95VW10300KB	112709	98AB10300GC	111795	AV6N10300DC	115459	C7FF11001B	110509
95VW10300NA	111477	98AB10300GD	111795	AV6N10300GB	114724	C7NN11000A	110462
95VW10300RA	111477	98AB10300GE	111795	AV6N10300GC	114724	C7NN11000A	116137
95VW10300SA	113885	98AB10300GF	111795	AV6N11000CA	116049	C7NN11000B	110462
95VW10300AAA	111477	98AB10300GG	111795	AV6N11000GA	116316	C7NN11000B	116137
95VW11000BA	111909	98AB10300GH	111795	AV6N11000GB	116316	C7OF11001A	110226
95VW11000BB	111909	98AB10300GJ	111795	AV6N11000GC	116316	C7TF11001A	110226
95VW11000BC	111909	98AB10300GK	111795	AV6N11000GD	116316	C7ZF11001A	110224
95VW11000CB	111900	98AB10300GL	111795	AV6N11000GE	116316	C8AF11001A	110226
95VW11000CC	111900	98AB10300GM	111795	BB5T11000BA	113906	C8AZ11002A	110226
95VW11000DA	112166	98AB10300HA	112142	BG9T11000AA	113908	C9AF11001B	110226
95VW11000EB	112286	98AB10300HE	112142	BG9T11000AA	116062	C9JF11350A	110535
95VW11000EC	112286	98AB10300JA	112142	BS5110346BA	114706	C9ZF11001A	110227
95VW11000GA	111900	98AB10300JB	112142	BS5110346AA	115620	CC1T10300BA	115461
95VW11000GC	111900	98AB10300JC	112142	BS511000BA	115400	CC1T10300BA	116061
96BB10300AB	112939	98AB10300JD	112142	BS511000CA	113962	CC1T10300BB	115461
96BB10300BA	112939	98AB10300JE	112142	BV6N10300AA	115959	CC1T10300BB	116061
96BB10300BB	112939	98AB10300JF	112142	CODF11001A	110226	CC1T10300BC	115461
96BB10300BC	112939	98AB10300JG	112142	CODF11001D	110224	CC1T10300BC	116061
96BB10300BD	112939	98AB11000AC	112290	C1VF11001D	110224	CC1T10300BD	115461
96BB10300BE	112939	98AB11000AD	114119	C20F11001A	110227	CC1T10300BD	116061
96BB10300AA	112939	98AB11000AD1	112290	C20F11001D	110227	CC1T10300CA	115576
96BB11000A3C	112235	98AB11000BA	111906	C20F11001E	110227	CC1T10300CB	115576

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD <i>Continued</i>							
CC1T10300CC	115576	D40F10300AA	110237	D9NN11000AA	110462	F07U10300AA	111199
CC1T10300CD	115576	D40Z11002A	110227	D9NN11000AA	116137	F07U11000BA	111844
CC1T11000AB	113959	D42F10300B	110237	D9SF10300AA	110237	F0NN10B376AB	111739
CC1T11000BA	115732	D42F10300BA	110237	D9UF10300BA	110237	F0NN10B376BB	112718
CC1T11000BB	115732	D42F10300EA	110237	D9UF10300DA	112927	F0NN10B376CA	112718
CC1T11000DA	115986	D42F10300FA	110237	D9VY10346A	110237	F0NN11000BA	112074
CC1T11000DB	115986	D42F11001AB	110230	D9ZF10300AA	110237	F0NN11000CA	112074
CC1T11000DC	115986	D42F11001BA	110230	DG9T11000AB	113906	F0NN7H022BA	113968
CC1T11000EA	116065	D42F11001AA	110230	DG9T11000AA	113906	F0TU10300EA	111252
CC1T11000EB	116065	D47Z10346A	110133	E1AF11001BA	110225	F0TZ11002B	111844
CC1T11000EC	116065	D4NN11000B	110462	E1AF11002B	110225	F12Z11002A	110810
CV6T10300DB	115933	D4NN11000B	116137	E1AF11131BA	110225	F17U10300AA	111199
CV6T10300DC	115933	D4OZ11002A	110227	E1AZ11002B	110225	F17U11000AB	113222
CV6T11000DB	116050	D4TZ11002D	110224	E1EF10300HA	110237	F1NN11000AA	113968
CV6T11000GA	115555	D50F11001BA	110227	E1FF11001BA	110231	F1PU10300CA	111199
CV6T11000GB	115555	D50F11001AA	110227	E1GF10300DA	110237	F1TZ10346C	111199
CV6T11000GC	115555	D5AF10300BA	110237	E27F10300BA	110237	F1TZ11002A	113222
CV6T11000GD	115555	D5AF10300AA	110237	E2AF11001DA	110224	F2NN10B376AA	112718
CV6T11000GE	115555	D5AF11001EA	110228	E2BF11001AA	112963	F2PU10346AF	111200
CV6T11000GF	115555	D5AZ11002C	110228	E2BZ11002A	112963	F2TU10300AF	111200
DOAF11001A	110226	D5FF11001AA	110227	E2SF11001AA	110225	F2TU10346AE	111200
DOAF11001B	110227	D5OF11001BA	110227	E2SF11002AA	110225	F3Z10346B	111315
DOAF11001C	110224	D5OF11001AA	110227	E2SZ11002A	110225	F37U10300AA	111200
DOAF11001E	110226	D5OZ11001AA	110227	E37F11001A	112963	F3AU10300AC	112927
DOAF11131D	110224	D5TF11001DA	110224	E37F11001AA	112963	F3AU10300BA	112927
DOFF11001B	110509	D5TF11001AA	110224	E3TF11000AA	112267	F3AU10346AC	112927
DOHF10300D	110237	D60F11001AA	110227	E3TF11001AA	112267	F3DZ10346B	112936
DOHF10300DA	110237	D60F11002A	110227	E3TU11000AA	112267	F3HT10300BA	112993
DONN11000A	110462	D60F11002AA	110227	E3TZ11002B	112267	F3HT10300CA	112993
DONN11000A	116137	D6BF11001BA	110226	E3TZ11002D	112963	F3HT10300HB	112993
DONN11000B	110462	D6DF11002B	110226	E3TZ11002E	112016	F3HT10300AA	112993
DONN11000B	116137	D6DZ11002B	110226	E47F10001AA	112016	F3HZ10346H	112993
DOOF11001A	110226	D6FF11001BA	110231	E4DF11001AA	112963	F3PU10346AC	112927
D0SF10300A	110237	D6FF11001AA	110231	E4NN10B376AB	111740	F3PU10346CA	112936
D0TF11001A	110226	D6FF1100BA	110231	E4TZ11002B	112267	F3RZ11002A	112235
DOZF11001A	110227	D6OF11001AA	110227	E4TZ11002BRM	112267	F3RZ11002B	112340
D12F11001AB	110230	D6OZ11002A	110227	E5TF11000AA	112267	F3RZ11002C	111374
D12F11001AA	110230	D6PZ11350C	110535	E5TZ11002B	112267	F3TU11000AA	112267
D1AF11001A	110228	D6TF11001A	110224	E6HT11001CA	112089	F3UU10300AE	111200
D1AF11001AA	110228	D6TF11001BA	110226	E6HZ11002C	112089	F3UU10300AF	111200
D1AZ11002A	110228	D6TF11001DA	110224	E6HZ11002D	112089	F3UZ10346A	111200
D1FF11001A	110230	D6TF11001EA	110226	E6SF10300EA	110237	F4DU10300AD	112936
D1FF11001AA	110230	D6TF11001AA	110226	E79F10300BA	111252	F4DU10300BA	112936
D1FZ11002A	110230	D6TZ11002A	110226	E7AF10300AD	111252	F4DU10300DA	112936
D1NN11000A	110462	D6TZ11002B	110226	E7NN10B376AB	111740	F4HT10300DA	112993
D1NN11000A	116137	D6TZ11002D	110224	E7NN10B376BA	111740	F4HT10300EA	112993
D20F10300CA	110237	D7AF10300BA	110237	E7NN10B376BB	111740	F4HT10300FA	112993
D20F10300CB	110237	D7AF10300CA	110237	E7NN10B376AA	111740	F4HT10300KA	112993
D20F10300DB	110237	D7AF10300DA	110237	E7PF10346LA	111252	F4PU10346BA	112993
D20F10300EB	110237	D7AF10300EA	110237	E7PF10346MA	111252	F4PU10346D	112936
D20F11001BA	110226	D7AF10300FA	110237	E7PF10346ZA	111252	F4PU10346DA	112936
D20F11001AA	110226	D7AF10300GA	110237	E7PZ10346C	111252	F4PZ10346D	112936
D22F10300BA	110237	D7AF10300HA	110237	E7PZ10346M	111252	F4TZ11002A	112276
D22F11001A	110230	D7AF10300HC	110237	E7RY11002A	110842	F57U10300BA	111199
D22F11001AB	110230	D7AF10300KA	110237	E7SF10300HA	111252	F57U10300AA	111199
D22F11001AA	110230	D7AF10300LA	110237	E7SF10300MA	111252	F5HZ10346A	112993
D2AF11001A16C	110228	D7AF10300AA	110237	E7SU11000AA	111183	F5OU10300FA	112942
D2AF11001BA	110226	D7AZ10346A	110237	E7ZF10300BA	111252	F5OU10300FB	112942
D2AF11001CA	110227	D7AZ10346B	110237	E7ZF10300EA	111252	F5OU10300FC	112942
D2AF11001DA	110224	D7NN11000B	110462	E7ZF10300FA	111252	F5OY10346A	112942
D2AF11001HA	110227	D7NN11000B	116137	E8HT11001AA	112089	F5PU10346BA	112939
D2AF11001JA	110228	D7OZ11002A	110225	E8HZ11002A	112089	F5PU10300BA	112939
D2AF11001AA	110228	D80F11001AA	110225	E8HZ11002HA	112089	F5RU10300BB	112939
D2FF11001AB	110230	D8BF10346A	110237	E8RY11002A	110842	F5RU10300BC	112939
D2FF11001AA	110230	D8BF10346AA	110237	E8TF10300BA	111252	F5RU10316AA	112151
D2NN11000B	110462	D8BZ10346AA	110237	E8TF11000AA	112267	F5RU10346BA	112939
D2NN11000B	116137	D8FF11001A	110231	E8TZ11000AA	112267	F5RU10346BC	112939
D2OF11001BA	110226	D8FF11001BA	110231	E8TZ11002A	112267	F5RZ10346B	112939
D2OF11001AA	110226	D8FF11001AA	110231	E92Z10346A	110664	F5RZ10346BB	112939
D2SF10300A	110237	D8NN11000CA	110462	E92Z11002A	110810	F5RZ10346BC	112939
D2SF10300AB	110237	D8NN11000CA	116137	E98F11000BA	111183	F5TU11000AB	112276
D2SF10300AA	110237	D8NN11000CB	110462	E98F11000AA	111183	F5TU11000AD	112276
D2TF11001BA	110226	D8NN11000CB	116137	E9PF10346BA	111252	F5TU11000AA	112276
D2TF11001AA	110226	D8NN11000CE	110462	E9SF10300BA	111252	F5TU11002A	112276
D2ZF10300AB	110237	D8NN11000CE	116137	E9SF11000AB	111183	F5UU10300BA	111200
D2ZF10300AC	110237	D8OF11001AA	110225	E9UF10300BA	111252	F5UU10300AA	111200
D2ZF11001AA	110227	D8ZF10300BA	110237	F02Z11002B	110810	F5UZ10346A	111200
D30F10300DA	110237	D8ZF10300CA	110237	F07F10300AB	111199	F65U10300EA	112940
D30F10300FA	110237	D8ZF10300AA	110237	F07F10300AA	111199	F67U10300BA	111199
D32F10300BA	110237	D94F10300AA	110237	F07U10300AB	111199	F67U10300AA	111199
D40F10300A	110237	D9BZ10346A	110237	F07U10300AC	111199	F68U11000AB	112586

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
F68U11000AC	112586	F8RU10300BA	114120	R89FB11000AA	111131	SA768A	112089
F68U11000BA	112586	F8RU11000AA	113702	R89FF10300EB	111176	SA776	111844
F68U11000AA	112586	F8ZU10300AA	112993	R89FF10300EC	111176	SA785	113222
F68Z11002AB	112586	FS5111000AA	115312	R89FX10300BA	110607	SA813	112235
F68Z11002BA	112586	G4X2A	111362	R89FX10300GB	111356	SA814	112340
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F6DU10300FA	112936	GL263	111252	R91AB11000HA	112290	SA832	112586
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F6OY10346AA	112942	GL332	112993	R91AB11000KA	111131	SA841	111183
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F6PU10346SA	112298	GL358	112993	R91AB11000AA	111131	SA849	112646
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F6PU10346AAA	112936	GL372	112940	R91AX11000HB	111131	SA855	112603
F6PU10346AAE	112936	GL384	112942	R91AX11000JB	111131	SA857	112600
F6PZ10346AE	112936	GL385	112939	R91AX11000KB	111131	SA871	112586
F6PZ10346CA	111199	GL406	112942	R91BB11000JA	111131	SA873	112608
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F6PZ10346RA	112940	GL412	112949	R924X10300AB	115890	SA898	111374
F6RU10300AA	112939	GL412RM	112949	R924X10300AA	111623	SAE762	110842
F6RZ10346BB	112939	GL416	112939	R924X10300AA	115890	SAE770	110810
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F6UU10300EA	111200	GL423RM	112946	R92AB11000HA	112290	SAE792	110810
F6UU10300EB	111200	GL424	112954	R92AB11000HB	112290	SBA185046320	113562
F6UU10300FA	111200	GL424RM	112954	R92AX11000HB	111131	SBA185086410	111300
F6UZ10346VA	111200	GL425	112951	R92AX11000JB	111131	SBA185086500	111300
F6VU11000AA	112646	GL426	112956	R93BB11000AB	112235	SBA185086530	113696
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F75U11000AC	112646	GL428	112936	R93BB11000JB	112340	SBA185086650	112177
F75U11000AA	112646	GL434	112942	R93BB11000JC	112340	U88VG10K359AA	110607
F75Z11002A	112646	GL434RM	112942	R93BB11000KC	111374	V87VG10300AB	111368
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F77U10300AD	112946	GL456	112958	R95AB10300DB	112680	V89AB10300AA	111176
F77U10300BA	111199	GL456RM	112958	R95FF10300AC	112325	V94GB10K359AB	111623
F77U10300BB	111199	GL462	112958	R95FF10300AA	112325	V94GB10K359AB	115890
F77Z10346AB	112946	GL462RM	112958	R95GB10300MA	112698	V94GB10K359AC	111623
F7CU10300AB	111199	GL463	112961	R95GB10300MB	112698	V94GB10K359AD	115890
F7LU11000BA	112646	GL481	112939	R95GX11000EA	111030	V94GB10K359AD	111623
F7LU11000AA	112646	GLE105A	110133	R95VW10300ABA	111988	V94GB10K359AD	115890
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F7LZ11002BA	112646	IS7U11000AB	115870	R95VW10300NA	111477	XF2U10300BC	112956
F7PU11000EA	112603	IS7U11000AC	112821	R95VW10300SA	113885	XF2U10300BD	112956
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F7SU11000AB	111183	R2S7T11000DB	112821	R96FB11000LC	111906	XM3410300BA	112352
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F81U10300EB	112949	R835X11000AC	112251	R97KB11000AC	113701	XR3U10300AA	112954
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F85U10300AA	111200	R86AX10300MB	110891	RYC1U11000AF	115870	XS7U11000C4A1	112235
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F87U11000A1B	112600	R86GB11000CA	111131	SA630	110227	XS7U11000CC	112235
F87U11000AA	112600	R86GB11000EA	111131	SA660	110227	XS910300AB	112939
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F8AU10300AD	112947	R86GB11000KA	111131	SA709	110227	YC1T10300BB	113285
F8AZ10346AB	112947	R86GB11000AA	111131	SA709A	110225	YC1T10300BC	113285
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD <i>Continued</i>							
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YC1U10300DC	113285	HSG232500	110576	CA1197IR	111888	CA1472IR	112191
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YC1U10300EB	113913			CA1203IR	111532	CA1475IR	112142
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YM2111000BA	112429	50353510	114106	CA1257IR	111824	CA1499IR	113575
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YS4D10300AC	115762	50496201	114677	CA1298IR	113577	CA1505IR	113448
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				CA1459IR	110968	CA1646IR	113503

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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CA1661IR	113245	CA1825IR	113858	CA1920IR	114859	CA2005IR	114202
CA1663IR	113289	CA1825IR	115976	CA1921IR	113861	CA2007IR	115367
CA1664IR	113283	CA1827IR	113837	CA1922IR	114064	CA2008IR	115369
CA1665IR	113246	CA1828IR	114656	CA1923IR	115417	CA2009IR	115904
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CA1671IR	113350	CA1833IR	114431	CA1926IR	114065	CA2011IR	115433
CA1672IR	113349	CA1834IR	113849	CA1927IR	114857	CA2012IR	114472
CA1673IR	113272	CA1835IR	114684	CA1928IR	113958	CA2013IR	115760
CA1674IR	113755	CA1837IR	114765	CA1928IR	115499	CA2014	114865
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CA1676IR	114147	CA1839IR	114120	CA1931IR	114083	CA2016IR	114749
CA1677IR	113771	CA1840IR	115383	CA1933IR	113862	CA2017IR	114512
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CA1680IR	113251	CA1844IR	114899	CA1935IR	115308	CA2019IR	114508
CA1681IR	113246	CA1846IR	113951	CA1936IR	115857	CA2020IR	114467
CA1683IR	113273	CA1847IR	114008	CA1937IR	114408	CA2021	114011
CA1684IR	113280	CA1849IR	114669	CA1938IR	113863	CA2022IR	115790
CA1685IR	112578	CA1850IR	113948	CA1939IR	114314	CA2023IR	115366
CA1688IR	113836	CA1851IR	114028	CA1940IR	114492	CA2024IR	114040
CA1689IR	113300	CA1851IR	115493	CA1941IR	114250	CA2026IR	114247
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CA1756IR	113407	CA1874IR	114699	CA1967IR	115606	CA2052IR	114080
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CA1759IR	113882	CA1877IR	114700	CA1969IR	115874	CA2055IR	114835
CA175IR	111071	CA1879IR	113946	CA1972	114111	CA2056IR	115854
CA1760IR	113599	CA187IR	110113	CA1973IR	115843	CA2057IR	115419
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CA1762IR	113940	CA1880IR	115498	CA1975IR	114882	CA2061IR	115665
CA1763IR	113884	CA1881IR	114673	CA1976IR	115549	CA2062IR	113987
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CA1766IR	113718	CA1884IR	113955	CA1980IR	114208	CA2066IR	115648
CA1768IR	115310	CA1885IR	114204	CA1981IR	115661	CA2067IR	114658
CA1769IR	116172	CA1886IR	114462	CA1982IR	115307	CA2069IR	113969
CA1771IR	115711	CA1887IR	115382	CA1983IR	115550	CA2070IR	114706
CA1773IR	114781	CA1888IR	114391	CA1984IR	113899	CA2071	114839
CA1774IR	113871	CA1889IR	114311	CA1985IR	114884	CA2072IR	114876
CA1774IR	115867	CA1890IR	113904	CA1986IR	114322	CA2072IR	116309
CA1776IR	114836	CA18H	111185	CA1987IR	114754	CA2073IR	115789
CA1777IR	113912	CA18V	111184	CA1988IR	114312	CA2077IR	114023
CA1778IR	114128	CA1904IR	114720	CA1989IR	114804	CA2078IR	115836
CA1779IR	113913	CA1905IR	113896	CA1991IR	115305	CA2081IR	115317
CA1780IR	114129	CA1906IR	114495	CA1992IR	114780	CA2082IR	113993
CA1781IR	113950	CA1907IR	115416	CA1993IR	115659	CA2083IR	114214
CA1782IR	113992	CA1908IR	115905	CA1994IR	114088	CA2084IR	115453
CA17H	110178	CA1909IR	115846	CA1994IR	115487	CA2085IR	114244
CA17V	110179	CA190IR	110759	CA1995IR	113996	CA2086IR	115651
CA1810IR	115370	CA1910IR	114831	CA1996IR	115858	CA2088IR	114522
CA1811IR	114722	CA1911IR	115856	CA1997IR	115496	CA2089IR	114082
CA1812IR	114296	CA1912IR	114109	CA1998IR	115615	CA2089IR	116043
CA1812IR	115489	CA1913IR	114705	CA1999IR	114248	CA2090IR	114306
CA1814IR	113919	CA1913IR	115490	CA199IR	110877	CA2091IR	114866
CA1817IR	114769	CA1914IR	115541	CA2000IR	115365	CA2092	113803
CA1818IR	115621	CA1917IR	114089	CA2001IR	115412	CA2093IR	115762

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HC-PARTS <i>Continued</i>							
CA2094IR	115647	CA341IR	110766	CA854IR	113920	CS1192	112382
CA2095IR	114385	CA345IR	111093	CA855IR	112806	CS1193	112474
CA2096IR	115620	CA350IR	111036	CA857IR	113477	CS1196	112434
CA2097IR	115657	CA355IR	111686	CA858IR	111658	CS1197	112435
CA2098IR	114879	CA359IR	111841	CA861IR	112229	CS1198	112436
CA2101IR	115921	CA366IR	112742	CA87IR	110358	CS120	110524
CA2102IR	114290	CA375IR	111082	CA889IR	111803	CS1200	112438
CA2104IR	111847	CA376IR	111288	CA890IR	111411	CS1201	112439
CA2107IR	115868	CA380IR	112162	CA893IR	111687	CS1202	112440
CA2108IR	114042	CA381IR	112746	CA899IR	112810	CS1203	112441
CA2109	115368	CA384IR	111164	CA906IR	111154	CS1203	115505
CA2110IR	115474	CA500IR	111528	CA907IR	111746	CS1204	112388
CA2111IR	114880	CA501IR	112747	CA93IR	111096	CS1205	112442
CA2112IR	114229	CA506IR	111620	CA94IR	111086	CS1206	115951
CA2113IR	115544	CA516IR	112056	CA99IR	113376	CS1207	112475
CA2114IR	114844	CA517IR	111169	CG19	111225	CS1209	112444
CA2115IR	114287	CA518IR	112345	CG50	110482	CS121	110212
CA2117IR	114036	CA520IR	111094	CG52	110483	CS1210	111849
CA2118IR	115765	CA520IR	112149	CG58	110484	CS1212	112379
CA2119IR	115975	CA521IR	112750	CS1031	110539	CS1213	112445
CA2120IR	115410	CA522IR	110105	CS1032	110819	CS1241	114051
CA2121IR	115632	CA533IR	112754	CS1035	111047	CS1242	113662
CA2122IR	114827	CA535IR	111319	CS1036	111490	CS1243	112446
CA2123IR	114257	CA549IR	112756	CS1037	113752	CS1243	116135
CA2124IR	115654	CA550IR	112757	CS1038	111585	CS1245	112821
CA2125IR	114897	CA560IR	111176	CS1042	111685	CS1245	115870
CA2126IR	114694	CA561IR	111356	CS1044	111851	CS1246	113794
CA2127IR	115827	CA564IR	111355	CS1045	113430	CS1248	113277
CA2128IR	115815	CA568IR	110906	CS1047	112236	CS1249	113282
CA2129	116011	CA569IR	112453	CS1048	111908	CS1252	113930
CA212IR	112097	CA574IR	111321	CS1050	111906	CS1253	113281
CA2132IR	115384	CA582IR	111738	CS1057	111641	CS1254	113286
CA2133IR	115587	CA595IR	112288	CS1058	112340	CS1255	114814
CA2135IR	115340	CA600IR	110770	CS106	112660	CS1256	113292
CA2136IR	115730	CA601IR	111654	CS1060	113605	CS1257	113276
CA2137IR	115707	CA602IR	113500	CS1061	111910	CS1258	111699
CA2138IR	115692	CA603IR	113469	CS1062	111909	CS126	111100
CA2141IR	114779	CA610IR	112765	CS1062	115504	CS1260	113254
CA2142IR	114728	CA611IR	110607	CS1063	111823	CS1264	113931
CA2180IR	115346	CA616IR	111662	CS1067	111911	CS1265	113925
CA2181IR	114847	CA618IR	110619	CS1069	111885	CS1266	114160
CA2182IR	115811	CA627IR	112238	CS1071	111724	CS1267	113759
CA2183IR	116009	CA629IR	111366	CS1074	111769	CS1268	112498
CA2184IR	114303	CA631IR	112768	CS1077	111771	CS1269	113609
CA2186IR	114826	CA635IR	112769	CS109	110439	CS1271	113303
CA2188IR	115712	CA637IR	112292	CS1106	111334	CS1273	113927
CA2189IR	115603	CA638IR	112230	CS1107	112235	CS1274	112581
CA2190IR	115528	CA639IR	114026	CS1109	112026	CS1275	113905
CA227IR	111834	CA642IR	111418	CS1111	111994	CS1276	113932
CA22H	113474	CA642IR	115873	CS1112	114523	CS1279	113979
CA238IR	110881	CA649IR	111325	CS1112	115514	CS1280	113353
CA240IR	111146	CA650IR	111368	CS1114	111995	CS1282	113515
CA242IR	110919	CA702IR	113470	CS1115	112014	CS1283	113513
CA252IR	111035	CA705IR	110163	CS1117	111931	CS1285	114033
CA254IR	111148	CA712IR	112780	CS1118	111996	CS1286	113509
CA255IR	110882	CA715IR	112782	CS1119	112005	CS1288	114161
CA263IR	111149	CA719IR	111623	CS1123	111793	CS1289	114162
CA264IR	111168	CA719IR	115890	CS1125	114123	CS129	110793
CA290IR	113378	CA721	111331	CS1126	112074	CS1290	115354
CA291IR	111075	CA722IR	112784	CS113	110775	CS1291	114124
CA292	110542	CA724IR	111354	CS1130	112071	CS1292	112823
CA294IR	111076	CA725IR	111363	CS114	110536	CS1292	115872
CA295IR	110348	CA733IR	111352	CS115	110858	CS1293	113842
CA300IR	111153	CA734IR	111649	CS1160	112103	CS1293	115508
CA305IR	111362	CA736IR	111477	CS1165	112221	CS1294	114163
CA306IR	111364	CA738IR	111293	CS1169	112224	CS1322	114175
CA307IR	111078	CA740IR	111479	CS1171	113446	CS1323	113841
CA312IR	113574	CA743IR	110127	CS1171	115506	CS1324	114176
CA314IR	110889	CA76IR	110641	CS1174	112218	CS1325	113673
CA316IR	110890	CA77IR	111180	CS1175	112301	CS1325	115882
CA317IR	112728	CA813IR	110931	CS1176	113677	CS1326	114126
CA318IR	112729	CA824IR	111629	CS1177	111070	CS1328	114127
CA319IR	111287	CA825IR	112299	CS1179	113761	CS1329	113933
CA321IR	110923	CA827IR	111353	CS1180	114233	CS1330	114034
CA325IR	110891	CA829IR	111676	CS1181	112429	CS1331	112055
CA326IR	111419	CA836IR	112772	CS1182	112304	CS1332	113897
CA333IR	110895	CA844IR	112799	CS1184	112041	CS1333	113608
CA334IR	110116	CA845IR	112800	CS1185	111855	CS1334	113843
CA335IR	112734	CA847IR	113632	CS1186	115442	CS1336	113910
CA337IR	112735	CA851IR	113471	CS1187	112430	CS1337	114174
CA340IR	112736	CA853IR	112803	CS1188	112431	CS1338	114525

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CS1339	114837	CS1440	114316	CS1530	114001	CS374	111619
CS1340	112040	CS1441	114778	CS1531	114661	CS377	111400
CS1341	113908	CS1442	114180	CS1533	115612	CS378	112533
CS1342	113926	CS1443	114047	CS1534	115729	CS383	110534
CS1344	113929	CS1444	114061	CS1535	115400	CS384	110535
CS1345	114035	CS1445	114295	CS1536	114196	CS386	111120
CS1346	113719	CS1446	114732	CS1537	115405	CS388	111637
CS1346	115869	CS1448	114853	CS1538	115948	CS389	111489
CS1347	113773	CS1449	114054	CS1539	114761	CS390	110584
CS1348	113676	CS1449	115516	CS1540	115426	CS390	116306
CS1348	115883	CS1450	114886	CS1542	115839	CS394	110518
CS1376	115609	CS1451	114310	CS1543	115773	CS395	111755
CS1377	113911	CS1451	115888	CS1548	114758	CS398	113467
CS1378	114723	CS1452	114487	CS1549	115644	CS500	115540
CS1379	113962	CS1453	114068	CS1550	115439	CS501	113464
CS1380	113934	CS1454	114283	CS1550	115876	CS502	110582
CS1381	111982	CS1455	113629	CS1551	115440	CS503	111752
CS1382	113760	CS1456	115637	CS1552	114833	CS506	110208
CS1383	112822	CS1457	115627	CS1572	115517	CS510	113846
CS1383	115880	CS1458	114389	CS1573	115875	CS511	112135
CS1384	113756	CS1460	114217	CS1575	115555	CS514	112455
CS1385	114095	CS1461	115360	CS1576	115542	CS515	112172
CS1386	113672	CS1462	114892	CS1578	115830	CS516	114118
CS1386	115881	CS1463	113851	CS1579	115725	CS519	111123
CS1387	114171	CS1463	115885	CS1580	115829	CS526	110213
CS1388	113830	CS1465	114443	CS1581	115727	CS530	110523
CS1388	115884	CS1466	114689	CS1583	114031	CS535	111127
CS1389	113935	CS1467	115335	CS1583	115892	CS542	111029
CS1389	115501	CS1468	115642	CS1584	115638	CS543	110354
CS139	110352	CS1469	115639	CS1585	115593	CS544	110207
CS1390	115523	CS1470	115611	CS1585	115887	CS550	111332
CS1391	114030	CS1471	112534	CS1586	114742	CS554	111421
CS1392	114096	CS1472	114872	CS18	111102	CS564	110532
CS1393	114062	CS1472	115875	CS181	110831	CS566	111130
CS1394	114179	CS1473	114072	CS186	110525	CS572	110813
CS1396	114119	CS1474	111638	CS188	110368	CS576	113389
CS1397	114173	CS1476	114255	CS19	111103	CS581	110584
CS1398	114315	CS1477	114308	CS191	110206	CS581	116306
CS1399	113891	CS1478	115974	CS194	110512	CS584	110854
CS1399	115509	CS1480	115376	CS198	110210	CS588	113745
CS140	111054	CS1481	114237	CS200	110462	CS589	111865
CS1400	113859	CS1482	113977	CS201	110565	CS590	110441
CS1401	115947	CS1485	115334	CS230	110814	CS592	111131
CS1403	113906	CS1486	114069	CS231	110517	CS594	114460
CS1405	113678	CS1487	115538	CS232	110521	CS595	113468
CS1405	115507	CS1488	115597	CS240	110529	CS597	112306
CS1406	114091	CS1489	115598	CS268	110862	CS598	112167
CS1407	113963	CS1490	115524	CS269	111640	CS599	112052
CS1408	114092	CS1491	114032	CS272	110996	CS601	112131
CS1409	115333	CS1492	113020	CS276	110864	CS608	113466
CS1410	114093	CS1493	115599	CS282	111010	CS610	113346
CS1410	115512	CS1495	114193	CS294	111059	CS611	112454
CS1411	114094	CS1495	115877	CS295	111060	CS612	112321
CS1412	114740	CS1496	114733	CS297	110865	CS613	112290
CS1413	114297	CS1496	115894	CS298	111061	CS617	110981
CS1414	114178	CS1497	114100	CS310	110585	CS618	111748
CS1415	114074	CS1497	115893	CS315	110866	CS619	111749
CS1416	114854	CS1500	114240	CS317	111063	CS62	110363
CS1417	113960	CS1502	115783	CS322	110839	CS620	112166
CS1418	115341	CS1505	115336	CS326	110587	CS623	112136
CS1419	115398	CS1506	114660	CS327	111347	CS624	111694
CS1420	114073	CS1507	114279	CS328	110842	CS680	112818
CS1420	115511	CS1508	115402	CS329	111269	CS681	111251
CS1421	113959	CS1511	114029	CS330	111030	CS682	110522
CS1421	115510	CS1512	115311	CS331	111065	CS683	113847
CS1422	113860	CS1514	112494	CS335	110530	CS684	112295
CS1423	114177	CS1515	115312	CS336	110465	CS685	111750
CS1424	114232	CS1516	115448	CS337	110461	CS688	111231
CS1425	114057	CS1517	114821	CS338	112541	CS689	111693
CS1427	115327	CS1518	114849	CS341	110867	CS693	110443
CS1428	114058	CS1520	114223	CS345	113380	CS694	110449
CS1430	115641	CS1521	114690	CS347	111112	CS695	110450
CS1431	114159	CS1522	115626	CS350	112537	CS699	110980
CS1432	113984	CS1523	114851	CS352	111066	CS700	110566
CS1433	114820	CS1524	115728	CS355	111068	CS703	111737
CS1434	114145	CS1525	114299	CS356	110844	CS705	110818
CS1435	114317	CS1526	114183	CS358	111069	CS707	114181
CS1436	113819	CS1527	114305	CS361	111115	CS713	112286
CS1437	115394	CS1528	114871	CS370	113134	CS715	113443
CS1438	114298	CS1529	115556	CS371	111025	CS718	111001
CS1439	113964	CS1529	115886	CS372	110847	CS725	112309

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HC-PARTS <i>Continued</i>							
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CS76	110772	JA1375IR	111956	JA1793IR	115660	JA882IR	111538
CS78	110336	JA1376IR	111626	JA1795IR	112506	JA884IR	110134
CS784	113481	JA1409	112067	JA1795IR	113903	JA970IR	110629
CS788	113750	JA1410IR	112063	JA1796IR	114024	JA971IR	110620
CS792	112553	JA1411IR	112065	JA1798IR	113791	JA972IR	111344
CS795	113381	JA1417IR	112102	JA1800IR	114006	JA974IR	110631
CS796	111422	JA1418IR	112101	JA1803IR	114215	JA976IR	111579
CS798	111214	JA1419IR	112205	JA1804IR	113792	JA980IR	111285
CS801	113387	JA141IR	110628	JA1806IR	114489	JA981IR	111517
CS804	111004	JA1421IR	112207	JA1808IR	114201	JA982	111484
CS805	111003	JA1424IR	114386	JA1809IR	114005	JA986IR	113793
CS807	111015	JA1427IR	112210	JA180IR	110706	JA989IR	111601
CS808	111097	JA142IR	110496	JA185IR	110701	JA990IR	111381
CS879	111848	JA1430IR	112332	JA187IR	110567	JA994IR	111405
CS880	112307	JA148IR	110805	JA188IR	110965	JA995IR	111406
CS881	112119	JA1513IR	113785	JA1891IR	114206	JS1000	110808
CS885	112053	JA1514IR	113035	JA1892IR	114012	JS1005	111525
CS886	111508	JA1516IR	113383	JA1893IR	114041	JS1006	111349
CS887	112555	JA1517IR	114231	JA1894IR	114709	JS1009	111272
CS889	111574	JA1518IR	112333	JA1895IR	115441	JS1014	110947
CS90	110365	JA151IR	110318	JA1896IR	114112	JS1021	111679
CS91	110338	JA1520IR	112349	JA1897IR	114841	JS1023	113665
CS94	110856	JA1521IR	112271	JA1898	114358	JS1024	113649
CS944	110545	JA1522IR	112327	JA1899IR	113956	JS1087	110616
CS946	110442	JA1523IR	112328	JA1900IR	114121	JS1088	111874
CS949	110464	JA1525IR	113786	JA1901IR	113941	JS1089	112336
CS955	111218	JA1526IR	112272	JA1902	115786	JS1090	113936
CS961	111374	JA1528IR	112351	JA1903IR	115855	JS1091	111690
CS962	112116	JA1530IR	112352	JA193	114288	JS1094	111728
CS97	110527	JA1533IR	112355	JA197IR	110703	JS1096	111730
CS971	113701	JA1534IR	112356	JA198IR	110458	JS1098	114885
CS973	113451	JA1535IR	112357	JA546IR	110675	JS1102	111300
CS974	111900	JA1536IR	112358	JA551IR	111048	JS1105	111984
CS974	115503	JA1539IR	112334	JA551IR	113921	JS1135	112006
CS975	112124	JA158IR	110307	JA552IR	110682	JS1136	111970
CS976	113674	JA1594IR	112359	JA565IR	110694	JS1139	111971
CS977	112251	JA1595IR	115791	JA575IR	110664	JS1140	111912
CS981	111420	JA1596IR	115864	JA577IR	110699	JS1145	111706
CS986	111680	JA1600IR	114114	JA653IR	110632	JS1146	112215
CS988	111904	JA1601IR	112362	JA657IR	111428	JS1147	112217
CS989	111399	JA1602IR	113787	JA660IR	110700	JS1149	113361
CS99	110205	JA1603IR	112394	JA661IR	110697	JS1150	112214
CS991	111404	JA1604IR	112363	JA662IR	110707	JS1153	112300
CS994	111346	JA1605IR	113296	JA671IR	110802	JS1154	113757
CS995	111304	JA1607IR	113317	JA672IR	111614	JS1155	113938
CS997	110440	JA1609IR	113306	JA674IR	111339	JS1156	115407
DC1011	110060	JA160IR	110374	JA677IR	111747	JS1158	112320
JA100	110128	JA1611IR	113440	JA678IR	112093	JS1159	112365
JA104IR	110168	JA1612IR	113322	JA682IR	111279	JS1214	111805
JA105IR	110264	JA1613IR	114273	JA684IR	110804	JS1218	112367
JA1117IR	112086	JA1614IR	113291	JA689IR	110659	JS1219	112368
JA1119IR	111598	JA1615IR	113324	JA697IR	110679	JS1221	112370
JA1126IR	111375	JA1616IR	111830	JA753IR	111578	JS1223	114889
JA1133IR	111587	JA1617IR	113321	JA755IR	111317	JS1224	113314
JA1134IR	111468	JA1618IR	113343	JA756IR	111361	JS1226	113267
JA1162IR	111812	JA161IR	111705	JA761IR	111267	JS1227	113445
JA1166IR	111507	JA1702IR	113788	JA764IR	111610	JS1229	114502
JA1169IR	110959	JA1703IR	114361	JA769IR	111294	JS1234	113329
JA116IR	112270	JA1704IR	113634	JA772IR	111609	JS1235	113319
JA1170IR	111018	JA1705	113348	JA775IR	111240	JS1236	113271
JA1172IR	111515	JA1707	113235	JA777	111483	JS1239	110485
JA1176IR	115652	JA1708IR	113328	JA780IR	111316	JS1295	113323
JA1178IR	111518	JA1709IR	113331	JA783IR	111435	JS1296	114059
JA1179IR	111872	JA1710IR	114300	JA787IR	110540	JS1298	113327
JA118	110258	JA1711IR	113330	JA792IR	110564	JS1299	113313
JA1180IR	111806	JA1712IR	113316	JA795IR	110136	JS1303	112322
JA1182IR	111704	JA1715IR	113518	JA798IR	110967	JS1304	113521
JA1183IR	111594	JA1717IR	113519	JA799IR	114203	JS1305	115522
JA1184IR	112129	JA1718IR	113517	JA805IR	111342	JS1306	114763
JA1188IR	111807	JA171IR	110385	JA806IR	111315	JS1307	114199
JA1271IR	112128	JA1721IR	114115	JA863IR	111186	JS1308	114125
JA1283	111384	JA1724IR	115415	JA864IR	111215	JS1310	114060
JA1290IR	111767	JA1725IR	114877	JA867IR	112329	JS1311	113659
JA1293IR	111779	JA1726IR	114272	JA868IR	111280	JS1313	113638
JA130	110137	JA1727IR	113954	JA872	111042	JS1314	113928
JA131	110138	JA1728IR	113712	JA873IR	112228	JS1317	113795
JA1356IR	111950	JA1783IR	114227	JA877IR	111237	JS1319	115349
JA1364IR	111980	JA1785IR	113656	JA878IR	111238	JS1320	115950
JA1366IR	111929	JA1789IR	113657	JA879IR	111309	JS1321	113965
JA1367IR	111963	JA1790IR	113697	JA880IR	111437	JS1349	113796

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
JS1350	113601	JS753	111274	8EA725978-001	111100	8EA726158-001	113846
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JS1353	115554	JS755	110142	8EA725989-001	110352	8EA726160-001	112455
JS1354	113195	JS759	111312	8EA725990-001	111054	8EA726161-001	112172
JS1355	113937	JS766	111459	8EA726012-001	111102	8EA726162-001	114118
JS1356	112373	JS769	111461	8EA726014-001	110831	8EA726164-001	111123
JS1357	115643	JS770	111476	8EA726019-001	110525	8EA726167-001	110213
JS1358	114071	JS774	111564	8EA726020-001	110368	8EA726170-001	110523
JS1359	114108	JS776	110820	8EA726021-001	111102	8EA726172-001	111127
JS1360	114816	JS777	111913	8EA726022-001	110206	8EA726175-001	111029
JS1361	115553	JS778	111098	8EA726023-001	110512	8EA726176-001	110354
JS1362	114056	JS779	111108	8EA726025-001	110210	8EA726177-001	110207
JS1363	114037	JS892	111565	8EA726026-001	110462	8EA726179-001	110209
JS1364	115362	JS895	110933	8EA726026-001	116137	8EA726181-001	111694
JS1365	113797	JS896	110938	8EA726027-001	110565	8EA726182-001	111332
JS1367	115361	JS897	110940	8EA726029-001	110814	8EA726184-001	111421
JS1368	115328	JS901	111088	8EA726030-001	110517	8EA726184-001	116327
JS1369	114216	JS908	111021	8EA726031-001	110521	8EA726188-001	111030
JS302	110144	JS909	111087	8EA726032-001	110529	8EA726189-001	110532
JS305	110279	JS912	111463	8EA726037-001	110862	8EA726190-001	110533
JS311	110249	JS915	113668	8EA726038-001	111640	8EA726191-001	111130
JS316	110260	JS918	111455	8EA726040-001	110996	8EA726193-001	112321
JS325	110149	JS923	111307	8EA726044-001	110864	8EA726196-001	110813
JS329	110256	JS924	111382	8EA726047-001	111010	8EA726199-001	112295
JS335	110152	JS925	113040	8EA726051-001	110839	8EA726200-001	113389
JS336	110154	JS939	111485	8EA726052-001	111489	8EA726205-001	110584
JS340	110156	JS941	111534	8EA726054-001	111059	8EA726205-001	116306
JS343	110155	JS942	111492	8EA726055-001	111060	8EA726208-001	110854
JS344	110809	JS999	112083	8EA726056-001	110865	8EA726211-001	111865
JS349	110315	UA1210IR	111252	8EA726057-001	111061	8EA726212-001	113745
JS350	110158	UA1538IR	111712	8EA726058-001	111069	8EA726213-001	111865
JS359	110386	UA1620IR	112160	8EA726063-001	110585	8EA726214-001	110441
JS362	110292	UA916	110075	8EA726066-001	110866	8EA726216-001	111131
JS365	110389	UA923IR	110986	8EA726068-001	111063	8EA726218-001	114460
JS370	110160	UA927	110237	8EA726070-001	110839	8EA726219-001	113468
JS380	110394	UA933IR	110985	8EA726073-001	110867	8EA726221-001	112306
JS383	110396	UA934IR	110487	8EA726074-001	110587	8EA726222-001	112167
JS385	110397	UA935IR	110488	8EA726075-001	111347	8EA726223-001	112052
JS387	110402	UA938IR	110499	8EA726076-001	110842	8EA726227-001	110363
JS392	110708	UA939IR	110500	8EA726077-001	111269	8EA726236-001	110772
JS394	111475	UA942IR	110503	8EA726078-001	111030	8EA726238-001	110336
JS396	110479	UA943IR	110505	8EA726079-001	111065	8EA726246-001	110365
JS512	111310	UA945IR	110508	8EA726083-001	110530	8EA726247-001	110338
JS522	110719	UA947IR	110724	8EA726084-001	110465	8EA726250-001	110856
JS525	110709	UA953IR	110984	8EA726085-001	110461	8EA726251-001	110367
JS539	110575	UA958IR	111090	8EA726086-001	112541	8EA726253-001	110527
JS540	111558	UA960	111193	8EA726089-001	110867	8EA726254-001	110214
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JS553	110576	UA963IR	111200	8EA726092-001	110365	8EA726397-001	110142
JS560	110713	UA964IR	111220	8EA726093-001	113380	8EA726399-001	110144
JS568	114318	UA967IR	111223	8EA726095-001	111112	8EA726400-001	110277
JS627	111608	US1028	111844	8EA726098-001	112537	8EA726401-001	110278
JS628	110811	US1240	111786	8EA726100-001	110793	8EA726402-001	110279
JS630	111561	US810	110221	8EA726102-001	112295	8EA726403-001	110280
JS632	111544	US827	110347	8EA726103-001	111068	8EA726408-001	110249
JS633	110807	US833	110469	8EA726104-001	110844	8EA726413-001	110260
JS637	110810	US835	110472	8EA726105-001	111131	8EA726421-001	110149
JS639	111559	US843	110590	8EA726106-001	111069	8EA726423-001	110256
JS642	111387	US844	110602	8EA726108-001	111851	8EA726424-001	110421
JS643	110958	US845	112267	8EA726109-001	111115	8EA726428-001	110152
JS645	111442	US851	110634	8EA726118-001	113134	8EA726429-001	110154
JS650	111445	US857	111760	8EA726119-001	111025	8EA726433-001	110156
JS651	111136	US858	111034	8EA726120-001	110847	8EA726434-001	110157
JS658	111241	US863	110999	8EA726121-001	111070	8EA726435-001	110155
JS660	110574	US864	111000	8EA726122-001	111619	8EA726436-001	110809
JS666	110581	US969	111277	8EA726125-001	111400	8EA726441-001	110315
JS669	110411	US970	112341	8EA726126-001	112533	8EA726442-001	110158
JS670	111451			8EA726131-001	110534	8EA726451-001	110386
JS671	111552	HELLA		8EA726132-001	110535	8EA726453-001	110292
JS672	111303	8EA012140-101	115685	8EA726134-001	111120	8EA726456-001	110389
JS673	110421	8EA725962-001	110536	8EA726136-001	111637	8EA726458-001	110160
JS674	110182	8EA725962-001	116312	8EA726137-001	111489	8EA726467-001	110386
JS679	110412	8EA725963-001	112660	8EA726138-001	110584	8EA726468-001	110394
JS729	110417	8EA725965-001	110439	8EA726138-001	116306	8EA726471-001	110396
JS730	110447	8EA725966-001	110775	8EA726142-001	110518	8EA726473-001	110397
JS731	113924	8EA725967-001	110536	8EA726143-001	111755	8EA726475-001	110402
JS733	110490	8EA725967-001	116139	8EA726146-001	113467	8EA726480-001	110708
JS734	110720	8EA725967-001	116312	8EA726149-001	113464	8EA726482-001	111475
JS737	110552	8EA725968-001	110858	8EA726150-001	110582	8EA726484-001	110479
JS748	110723	8EA725973-001	110524	8EA726151-001	111752	8EA726488-001	111310
JS751	111452	8EA725974-001	110212	8EA726154-001	110208	8EA726490-001	111805

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HELLA <i>Continued</i>							
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8EA726495-001	110397	8EA730275-001	110720	8EA732845-001	111565	8EA737252-001	111047
8EA726499-001	110157	8EA730276-001	110941	8EA732847-001	110616	8EA737253-001	111490
8EA726501-001	110575	8EA730278-001	110552	8EA732848-001	110617	8EA737254-001	113752
8EA726502-001	111558	8EA730280-001	110555	8EA732849-001	110961	8EA737259-001	111525
8EA726504-001	111683	8EA730286-001	110568	8EA732850-001	111005	8EA737260-001	111349
8EA726505-001	110576	8EA730287-001	110580	8EA732851-001	111021	8EA737261-001	111275
8EA726509-001	110713	8EA730288-001	110723	8EA732852-001	111087	8EA737263-001	111272
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8EA726513-001	111608	8EA730291-001	111452	8EA732855-001	110999	8EA737265-001	111273
8EA726514-001	110811	8EA730293-001	110221	8EA732856-001	111000	8EA737266-001	110627
8EA726516-001	111561	8EA730294-001	110223	8EA732857-001	111049	8EA737268-001	110947
8EA726518-001	111544	8EA730295-001	110224	8EA732858-001	111183	8EA737269-001	111277
8EA726522-001	110810	8EA730298-001	110228	8EA732859-001	111190	8EA737270-001	112341
8EA726525-001	111559	8EA730299-001	110230	8EA732860-001	111222	8EA737271-001	110436
8EA726540-001	110227	8EA730303-001	110999	8EA732861-001	111043	8EA737272-001	110654
8EA726542-001	110509	8EA730305-001	110604	8EA732863-001	111091	8EA737273-001	111585
8EA726543-001	111000	8EA730307-001	110347	8EA732865-001	111091	8EA737288-001	110214
8EA726544-001	112897	8EA730308-001	112341	8EA732866-001	111092	8EA737291-001	111685
8EA726545-001	111277	8EA730310-001	110468	8EA732891-001	111004	8EA737293-001	111851
8EA726550-001	110808	8EA730311-001	110469	8EA732892-001	111003	8EA737294-001	113430
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8EA730171-001	112131	8EA730315-001	110231	8EA732895-001	111097	8EA737312-001	111908
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8EA730177-001	113465	8EA730317-001	110506	8EA737084-001	112053	8EA737314-001	111865
8EA730178-001	113466	8EA730318-001	110569	8EA737085-001	111508	8EA737318-001	111906
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8EA730181-001	112454	8EA730321-001	110602	8EA737088-001	111574	8EA737330-001	110218
8EA730182-001	112321	8EA730322-001	112267	8EA737089-001	110545	8EA737331-001	110226
8EA730183-001	112290	8EA730324-001	110510	8EA737091-001	110442	8EA737332-001	111043
8EA730184-001	112131	8EA730327-001	110634	8EA737092-001	110444	8EA737333-001	110647
8EA730187-001	110981	8EA730328-001	110635	8EA737093-001	114650	8EA737334-001	110636
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8EA730221-001	110818	8EA731801-001	111459	8EA737140-001	111041	8EA737446-001	112340
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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8EA737621-001	112074	8EA738251-001	113926	8EA738259-411	115400	8EL725774-001	112098
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8EA737656-001	112103	8EA738258-111	112822	8EL725568-001	110743	8EL725787-001	112746
8EA737659-001	112116	8EA738258-111	115880	8EL725570-001	110743	8EL725790-001	111164
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8EA737700-001	113361	8EA738258-191	116303	8EL725586-001	110350	8EL725807-001	110972
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8EL737577-001	111943	8EL737772-001	112333	8EL738143-001	115415	8EL738212-281	115307
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8EL737591-001	111842	8EL737777-001	112396	8EL738153-001	113712	8EL738212-311	113883
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8EL737596-001	111956	8EL737800-001	113786	8EL738186-001	114836	8EL738212-381	114524
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8EL737598-001	111846	8EL737811-001	112407	8EL738187-001	116362	8EL738212-401	114665
8EL737600-001	111946	8EL737825-001	112480	8EL738188-001	114128	8EL738212-421	114040
8EL737601-001	111991	8EL737838-001	112357	8EL738191-001	113950	8EL738212-431	115708
8EL737603-001	111947	8EL737844-001	112458	8EL738192-001	113992	8EL738212-431	116352
8EL737607-001	112043	8EL737848-001	112414	8EL738196-001	113510	8EL738212-451	115367
8EL737613-001	111164	8EL737866-001	112468	8EL738202-001	114769	8EL738212-471	114322
8EL737617-001	112046	8EL737871-001	112419	8EL738203-001	115621	8EL738212-481	114512
8EL737618-001	112057	8EL737872-001	113888	8EL738205-001	113947	8EL738212-491	114510
8EL737619-001	112719	8EL737883-001	115791	8EL738206-001	115619	8EL738212-511	115855
8EL737619-001	116331	8EL737885-001	112193	8EL738211-001	112557	8EL738212-521	114248
8EL737620-001	112067	8EL737886-001	113352	8EL738211-021	114008	8EL738212-541	113923
8EL737624-001	112063	8EL737887-001	112561	8EL738211-031	113722	8EL738212-541	115879
8EL737625-001	112065	8EL737895-001	112384	8EL738211-031	115963	8EL738212-601	113899
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8EL737630-001	112068	8EL737909-001	112425	8EL738211-071	114005	8EL738212-621	114202
8EL737631-001	112069	8EL737913-001	112426	8EL738211-091	113953	8EL738212-631	114806
8EL737633-001	112076	8EL737922-001	113787	8EL738211-101	115709	8EL738212-631	115874
8EL737634-001	112072	8EL737927-001	113298	8EL738211-151	113722	8EL738212-641	115409
8EL737638-001	112079	8EL737928-001	113403	8EL738211-151	115963	8EL738212-651	114666
8EL737639-001	112058	8EL737929-001	113709	8EL738211-181	114841	8EL738212-661	114102
8EL737641-001	112078	8EL737931-001	112648	8EL738211-201	113951	8EL738212-661	116068
8EL737642-001	112059	8EL737933-001	113404	8EL738211-221	113948	8EL738212-671	114292
8EL737643-001	113754	8EL737935-001	113247	8EL738211-241	115658	8EL738212-681	115795
8EL737644-001	112079	8EL737937-001	113275	8EL738211-291	113792	8EL738212-691	115766
8EL737644-001	114789	8EL737938-001	113248	8EL738211-331	113849	8EL738212-701	114391
8EL737646-001	113603	8EL737955-001	113440	8EL738211-331	116294	8EL738212-711	114311
8EL737646-001	116343	8EL737957-001	112654	8EL738211-341	114120	8EL738212-721	115416
8EL737647-001	112097	8EL737969-001	112458	8EL738211-351	115383	8EL738212-751	115541
8EL737648-001	113405	8EL737974-001	113291	8EL738211-381	113710	8EL738212-791	113405
8EL737649-001	113575	8EL737982-001	113871	8EL738211-381	116124	8EL738212-801	115308
8EL737650-001	112102	8EL737982-001	115867	8EL738211-411	114131	8EL738212-811	114250
8EL737651-001	112098	8EL737985-001	113289	8EL738211-421	114130	8EL738212-821	114667
8EL737652-001	112101	8EL737986-001	113283	8EL738211-421	116069	8EL738212-831	114245
8EL737658-001	110622	8EL737989-001	113351	8EL738211-441	115418	8EL738212-841	114803
8EL737661-001	112189	8EL737989-001	115557	8EL738211-461	114112	8EL738212-851	114099
8EL737662-001	110497	8EL737990-001	113324	8EL738211-491	113978	8EL738212-881	114811
8EL737663-001	110577	8EL737992-001	112343	8EL738211-501	113922	8EL738212-891	114895
8EL737664-001	110968	8EL737997-001	113350	8EL738211-561	113946	8EL738212-901	114704
8EL737665-001	110969	8EL738003-001	113755	8EL738211-591	113956	8EL738212-921	115601

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HELLA <i>Continued</i>							
8EL738212-931	113972	8FV351330011	112150	LR1100-503C	113941	LR1110-723E	111381
8EL738-212-941	114390	8FV351330101	112174	LR1100-503D	113941	LR1120-701	112002
8EL738212-951	114810	8FV351330111	112149	LR1100-503E	113941	LR1130-702	113993
8EL738212-971	114208	8FV351330151	112218	LR1100-503F	113941	LR1130-702B	113993
8EL738212-991	114754	8FV351330171	112183	LR1100-504	112271	LR1130-702C	113993
8EL738213-001	113945	8FV351330191	112190	LR1100-504A	112271	LR1150-706	114301
8EL738213-011	115305	8FV351330591	112067	LR1100-504B	112271	LR1150-706B	114301
8EL738213-021	115615	8FV351330641	112079	LR1100-504C	112271	LR120-15C	112270
8EL738213-031	114472	8FV351330651	112237	LR1100-504D	112271	LR120-23	113347
8EL738213-051	114865	8FV351330671	112224	LR1100-504E	112271	LR135-105	112270
8EL738213-061	115371	8FV351330691	112221	LR1100-504F	112271	LR135-107	110264
8EL738213-081	114508	8FV351330711	112242	LR1100-505	112271	LR135-108	110264
8EL738213-091	114467	8FV351336011	112102	LR1100-505A	112271	LR135-115	112270
8EL738213-101	114011	HELSELMAN		LR1100-505B	112271	LR135-116	112270
8EL738213-121	115366	12M1TP13	111092	LR1100-505C	112271	LR135-118	112270
8EL738213-141	114247	12MB11M	111092	LR1100-505D	112271	LR135-124	112270
8EL738213-181	114848	12MB11TWA	111092	LR1100-505E	112271	LR135-126	112270
8EL738213-191	115364	12MB12M	111092	LR1100-507	113956	LR135-127	112270
8EL738213-221	114861	12MB12TWA	111092	LR1100-507A	113956	LR135-128	112270
8EL738213-251	115413	12MB12TWA	111092	LR1100-507B	113956	LR135-132	110264
8EL738213-261	114835	12MB12TWA	111092	LR1100-507C	113956	LR135-133	110264
8EL738213-271	114680	12MB12TWA	111092	LR1100-507D	113956	LR135-58	112270
8EL738213-281	115419	12MB1TWA	111092	LR1100-507E	113956	LR135-58B	112270
8EL738213-291	114080	12MB1WA	111092	LR1100-508	113956	LR135-61	110264
8EL738213-311	114494	24M1TP13	111091	LR1100-508A	113956	LR135-61B	110264
8EL738213-351	114039	24MB1TWA	111091	LR1100-508B	113956	LR135-70	110264
8EL738213-371	114306	24MB21M	111091	LR1100-508C	113956	LR135-70B	110264
8EL738213-401	114697	24MB21TWA	111091	LR1100-508D	113956	LR135-74	112270
8EL738213-421	115707	24MB22M	111091	LR1100-508E	113956	LR135-74B	112270
8EL738217-001	113858	24MB22TWA	111091	LR1100-508F	113956	LR135-86	112270
8EL738217-001	115976	HINO		LR1100-703	111381	LR135-86B	112270
8EL738221-001	113837	27040-1151	114414	LR1100-703B	111381	LR135-86C	112270
8EL738224-001	114656	27040-1752B	114423	LR1100-711	111381	LR135-86F	112270
8EL738231-001	113949	28100-1542	113130	LR1100-711B	111381	LR135-91	112270
8EL738238-001	113791	28100-1542B	113130	LR1100-724	113440	LR135-95	112270
8EL738253-001	114684	28100-1543	113130	LR1100-724B	113440	LR135-95B	112270
8EL738257-001	112002	28100-1543	113130	LR1100-724C	113440	LR138-01	110264
8EL738257-001	115483	28100-1645	114345	LR1100-725	111381	LR140-119	110694
8EL749555-001	114899	28100-1645A	114345	LR1100-725B	111381	LR140-119C	110694
8EL749556-001	114669	28100-1900	113130	LR1100-725C	111381	LR140-128	110385
8EL749557-001	116042	28100-2624	114436	LR1110-502	114121	LR140-130	110694
8EL749558-001	114765	28100-2624C	114436	LR1110-502A	114121	LR140-130B	110694
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8FV351210091	112034	28100-2625A	114436	LR1110-502C	114121	LR140-132	110264
8FV351210191	112010	HITACHI		LR1110-502D	114121	LR140-133	110264
8FV351210231	112075	1018294-01	113148	LR1110-502E	114121	LR140-402	110694
8FV351210241	112074	23300-6J02	113191	LR1110-502F	114121	LR140-408	110694
8FV351210244	112074	23300-6J04	113191	LR1110-502G	114121	LR140-426	111267
8FV351210271	112136	G113-01A	111919	LR1110-502H	114121	LR140-427	111267
8FV351210311	112207	GSB107-01	113144	LR1110-502I	114121	LR140-433	111267
8FV351210411	112136	GSB107-01A	113144	LR1110-502J	114121	LR140-433B	111267
8FV351210441	112040	GSB107-04A	113144	LR1110-503	114121	LR140-707	113997
8FV351210471	112215	GSB107-04C	113144	LR1110-503A	114121	LR140-708	113997
8FV351210541	112011	GSB107-06	113145	LR1110-503B	114121	LR140-708C	113997
8FV351210591	112097	GSB107-06B	113147	LR1110-503C	114121	LR140-714	113401
8FV351210621	112055	GSB107-06E	113145	LR1110-503D	114121	LR140-714B	113401
8FV351210631	112063	GSB107-06F	113145	LR1110-503E	114121	LR140-716	113401
8FV351210691	112035	GSB107-06F	113145	LR1110-503F	114121	LR140-719	113401
8FV351210711	112162	GSB107-10B	113146	LR1110-705	111381	LR140-721	113401
8FV351210741	112169	GSB107-10C	113146	LR1110-705B	111381	LR140-721B	113401
8FV351210761	112101	LR1100-501	111831	LR1110-705C	111381	LR140-721C	113401
8FV351211051	112089	LR1100-501B	111831	LR1110-705E	111381	LR140-721D	113401
8FV351211061	112014	LR1100-502	112271	LR1110-705F	111381	LR140-721E	113401
8FV351211071	112102	LR1100-502A	112271	LR1110-709	111381	LR140-723B	113401
8FV351211171	112034	LR1100-502B	112271	LR1110-709B	111381	LR140-727	113401
8FV351211191	112014	LR1100-502C	112271	LR1110-710	111381	LR150-100	110168
8FV351211241	112041	LR1100-502D	112271	LR1110-710B	111381	LR150-101	110168
8FV351211281	112166	LR1100-502E	112271	LR1110-710C	111381	LR150-101B	110168
8FV351211291	112170	LR1100-502F	112271	LR1110-710E	111381	LR150-110	110267
8FV351211371	112165	LR1100-502G	112271	LR1110-710F	111381	LR150-110C	110267
8FV351211521	112232	LR1100-502H	112271	LR1110-712	113420	LR150-111	110703
8FV351211541	112232	LR1100-502I	112271	LR1110-713	113316	LR150-125	110168
8FV351211561	112242	LR1100-502J	112271	LR1110-713B	113316	LR150-125B	110168
8FV351211571	112069	LR1100-502K	112271	LR1110-713C	113316	LR150-136	110697
8FV351211721	112083	LR1100-502L	112271	LR1110-713V	113316	LR150-136B	110697
8FV351211751	112167	LR1100-502M	112271	LR1110-717	113316	LR150-136C	110697
8FV351211761	112175	LR1100-502MD	112271	LR1110-717B	113316	LR150-136E	110697
8FV351211791	112166	LR1100-502N	112271	LR1110-720	111381	LR150-151	110703
8FV351309001	112067	LR1100-503	113941	LR1110-723	111381	LR150-151B	110703
8FV351309001	112068	LR1100-503A	113941	LR1110-723B	111381	LR150-155	110697
8FV351309011	112067	LR1100-503B	113941	LR1110-723C	111381	LR150-155B	110697

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LR150-165	110134	LR150-99B	110168	LR160-728C	113383	LR170-738	110631
LR150-177	110168	LR155-15	110267	LR160-728E	113383	LR170-738B	110631
LR150-189	111364	LR155-15B	110267	LR160-728F	113383	LR170-738C	110631
LR150-190	110107	LR155-15C	110267	LR160-734	112673	LR170-738E	110631
LR150-191	110107	LR155-16	110706	LR160-734B	112673	LR170-746	111704
LR150-199	110703	LR155-17	110267	LR160-735B	112671	LR170-746B	111704
LR150-200	110703	LR155-18	110267	LR160-74	110307	LR170-746C	111704
LR150-201	110697	LR155-20	113793	LR160-741	114672	LR170-746E	111704
LR150-201B	110697	LR155-20B	113793	LR160-743	114209	LR170-746F	111704
LR150-205	110697	LR155-23	110703	LR160-77	110307	LR170-746G	111704
LR150-205B	110697	LR155-25	110267	LR160-78	110307	LR170-746H	111704
LR150-31	110168	LR155-29	113793	LR160-78B	110307	LR170-746J	111704
LR150-35	110168	LR155-404	110699	LR160-82	110458	LR170-746K	111704
LR150-36	110168	LR155-406B	110699	LR160-82B	110458	LR170-746M	111704
LR150-407	110699	LR155-407	110699	LR160-84	110458	LR170-748	111704
LR150-410	110699	LR155-407B	110699	LR160-84B	110458	LR170-748B	111704
LR150-410B	110699	LR155-407C	110699	LR165-707	110632	LR170-750	111704
LR150-410C	110699	LR155-407CA	110699	LR165-707B	110632	LR170-750B	111704
LR150-410CA	110699	LR155-407F	110699	LR165-708	110631	LR170-750C	111704
LR150-410F	110699	LR155-407G	110699	LR165-708B	110631	LR170-756	112351
LR150-410G	110699	LR155-409	110699	LR165-708C	110631	LR170-756B	112351
LR150-419	110699	LR155-410	110699	LR165-708E	110631	LR170-758	111384
LR150-419B	110699	LR155-410B	110699	LR165-711	111704	LR170-760	112673
LR150-419BA	110699	LR155-410BA	110699	LR165-711B	111704	LR170-767B	112673
LR150-419F	110699	LR155-410F	110699	LR165-714	113697	LR170-768	113697
LR150-419G	110699	LR155-410G	110699	LR170-401	113412	LR180-03	112375
LR150-421	111267	LR155-414	110699	LR170-407	112093	LR180-03A	112375
LR150-421C	111267	LR155-414B	110699	LR170-407B	112093	LR180-03B	112375
LR150-425	112086	LR155-414F	110699	LR170-407E	112093	LR180-03C	112375
LR150-425B	112086	LR155-414G	110699	LR170-407S	112093	LR180-501	111767
LR150-428	110700	LR160-105	110307	LR170-407T	112093	LR180-501B	111767
LR150-428C	110700	LR160-109C	110307	LR170-408	112093	LR180-501C	111767
LR150-428E	110700	LR160-116	110307	LR170-408B	112093	LR180-504	111767
LR150-428S	110700	LR160-120	110307	LR170-408C	112093	LR180-513	116107
LR150-428T	110700	LR160-121	110307	LR170-408S	112093	LR180-513B	116107
LR150-430	110701	LR160-124	110307	LR170-408T	112093	LR180-719	111264
LR150-430C	110701	LR160-12B	110260	LR170-410	113412	LR180-725	111264
LR150-430S	110701	LR160-137	110267	LR170-412	112093	LR180-725B	111264
LR150-430T	110701	LR160-138	110267	LR170-412S	112093	LR180-725C	111264
LR150-434	111267	LR160-412	110706	LR170-412T	112093	LR180-725E	111264
LR150-434B	111267	LR160-412B	110706	LR170-413	112093	LR180-736	111264
LR150-435	110701	LR160-412F	110706	LR170-417	111294	LR180-736B	111264
LR150-435S	110701	LR160-412G	110706	LR170-417B	111294	LR180-736C	111264
LR150-435T	110701	LR160-412S	110706	LR170-417C	111294	LR180-737B	111264
LR150-441	111267	LR160-422	110707	LR170-417D	111294	LR180-737C	111264
LR150-441B	111267	LR160-422B	110707	LR170-417E	111294	LR180-749	113788
LR150-441C	111267	LR160-426	111316	LR170-417F	111294	LR180-749B	113788
LR150-441E	111267	LR160-426E	111316	LR170-420	111186	LR180-749C	113788
LR150-442	111267	LR160-426S	111316	LR170-420A	111186	LR180-749E	113788
LR150-443S	110700	LR160-426T	111316	LR170-420B	111186	LR180-762	113317
LR150-443T	110700	LR160-427	111316	LR170-427	111186	LR180-762B	113317
LR150-444	111267	LR160-427C	111316	LR170-427A	111186	LR180-762C	113317
LR150-444B	111267	LR160-427S	111316	LR170-427B	111186	LR180-763	114262
LR150-448	111267	LR160-427T	111316	LR170-427BA	111186	LR180-766	112067
LR150-448B	111267	LR160-436	111316	LR170-427C	111186	LR180-768	113317
LR150-449	111267	LR160-436S	111316	LR170-502	111294	LR180-769	113317
LR150-449B	111267	LR160-436T	111316	LR170-502B	111294	LR180-769B	113317
LR150-449C	111267	LR160-437	111316	LR170-502C	111294	LR180-772	114262
LR150-449E	111267	LR160-437S	111316	LR170-502P	111294	LR190-731	113785
LR150-450B	110699	LR160-437T	111316	LR170-502Q	111294	LR190-731B	113785
LR150-453	111267	LR160-44	110458	LR170-504	111294	LR190-734	112351
LR150-453B	111267	LR160-440	110706	LR170-504B	111294	LR190-734A	112351
LR150-50	110168	LR160-440F	110706	LR170-504C	111294	LR190-734B	112351
LR150-52	110168	LR160-440G	110706	LR170-505	111515	LR190-734C	112351
LR150-53	110168	LR160-441	110706	LR170-505A	111515	LR190-734D	112351
LR150-55	110697	LR160-441F	110706	LR170-505B	111515	LR190-734E	112351
LR150-55B	110697	LR160-446	112228	LR170-505C	111515	LR190-734F	112351
LR150-58	110168	LR160-446B	112228	LR170-505D	111515	LR190-734G	112351
LR150-64	110703	LR160-446C	112228	LR170-505E	111515	LR190-734H	112351
LR150-66	110168	LR160-446E	112228	LR170-509	112272	LR190-743	113563
LR150-67	110168	LR160-450	110706	LR170-509A	112272	LR190-750	113698
LR150-715	115432	LR160-502	114802	LR170-509B	112272	LR190-750B	113698
LR150-715A	115432	LR160-502B	114802	LR170-509C	112272	LR190-752	113787
LR150-78	111267	LR160-502C	114802	LR170-509D	112272	LR190-752B	113787
LR150-78B	111267	LR160-502E	114802	LR170-509E	112272	LR190-752C	113787
LR150-78C	111267	LR160-503	114458	LR170-509F	112272	LR190-752H	113787
LR150-78E	111267	LR160-503E	114458	LR170-509G	112272	LR190-763	116105
LR150-98	110168	LR160-726	112977	LR170-509H	112272	LR190-768	116105
LR150-98B	110168	LR160-726B	112977	LR170-511	111515	LR190-770C	113787
LR150-98E	110168	LR160-728	113383	LR170-511A	111515	LR220-23	110448
LR150-99	110168	LR160-728B	113383	LR170-511B	111515	LR220-24	110448

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HITACHI <i>Continued</i>							
LR225-403	110567	S108-61	111840	S114-235A	110417	S114-534	111459
LR225-408	111493	S108-61A	111840	S114-235B	110417	S114-535	111312
LR225-408B	111493	S108-61B	111840	S114-237	110160	S114-535A	111312
LR225-408C	111493	S108-61C	111840	S114-23K	110617	S114-55	110142
LR225-408E	111493	S108-61D	111840	S114-244	113924	S114-550	110807
LR225-409	111493	S108-61E	111840	S114-244A	113924	S114-550A	110807
LR225-409B	111493	S108-61F	111840	S114-253	110280	S114-553	111059
LR225-409E	111493	S108-61G	111840	S114-253A	110280	S114-553A	111059
LR225-60	110567	S108-80	114675	S114-253B	110280	S114-566	110249
LR225-65	110567	S108-80A	114675	S114-254	110280	S114-568	110279
LR225-65B	110567	S108-80B	114675	S114-254A	110280	S114-568A	110279
LR225-65C	110567	S108-94	112008	S114-254B	110280	S114-569	111312
LR225-65E	110567	S108-94A	112008	S114-254C	110280	S114-569A	111312
LR225-65P	110567	S114-103	110144	S114-254D	110280	S114-569B	111312
LR225-67	110567	S114-103K	110144	S114-254F	110280	S114-570	111303
LR225-67B	110567	S114-103L	110144	S114-257	113924	S114-570A	111303
LR225-67P	110567	S114-103M	110144	S114-257A	113924	S114-570B	111303
LR225-84	113418	S114-103N	110144	S114-257B	113924	S114-570C	111303
LR225-84T	113418	S114-103P	110144	S114-257C	113924	S114-606	110249
LR225-88	112477	S114-105	110575	S114-257D	113924	S114-606A	110249
LR235-402	111614	S114-108	110144	S114-257G	113924	S114-606C	110249
LR235-404	111614	S114-108L	110144	S114-257H	113924	S114-614	110249
LR235-404C	111614	S114-108M	110144	S114-258	110280	S114-617	111312
LR235-404S	111614	S114-116	110485	S114-258A	110280	S114-617A	111312
LR235-404T	111614	S114-120	112008	S114-258C	110280	S114-625	110417
LR235-405	111614	S114-121	110277	S114-268	110280	S114-630	111312
LR235-405S	111614	S114-121N	110277	S114-268A	110280	S114-651	112478
LR235-405T	111614	S114-122	110277	S114-303	111706	S114-651A	112478
LR250-508	114014	S114-134	112296	S114-303A	111706	S114-653	112373
LR250-508B	114014	S114-146	113924	S114-315	110279	S114-653A	112373
LR250-508C	114014	S114-150	110156	S114-316	110279	S114-653B	112373
LR250-511	116108	S114-150L	110156	S114-319	110278	S114-655	114739
LR250-511B	116108	S114-151	110156	S114-320	110278	S114-655A	114739
LR250-517	114782	S114-151L	110156	S114-320A	110278	S114-655D	114739
LR250-707	115630	S114-156	110142	S114-323	111766	S114-656	113680
LR250-707C	115630	S114-160	110142	S114-323A	111766	S114-656A	113680
LR250-708	115630	S114-160A	110142	S114-323B	111766	S114-671A	114867
LR250-708B	115630	S114-160B	110142	S114-323C	111766	S114-682	114687
LR250-708E	115630	S114-160D	110142	S114-344	110280	S114-750	111459
LR260-504B	114014	S114-160E	110142	S114-348	110277	S114-758	111303
LR280-707	116104	S114-160F	110142	S114-348A	110277	S114-766	111459
LR280-707B	116104	S114-160G	110142	S114-349	113924	S114-766A	111459
LR280-707C	116104	S114-160H	110142	S114-349A	113924	S114-767	111459
LR280-708	116104	S114-163	110142	S114-349B	113924	S114-769	111312
LR280-708B	116104	S114-163B	110142	S114-364	110279	S114-769A	111312
LR280-708C	116104	S114-163E	110142	S114-381	110552	S114-769H	111312
LT125-06	110128	S114-163F	110142	S114-385	111098	S114-775	111303
LT125-06B	110128	S114-164	110156	S114-396	110249	S114-775A	111303
LT125-65	110128	S114-164A	110156	S114-396D	110249	S114-780	111452
LT130-72	110128	S114-170	110144	S114-402	110279	S114-800	111459
LT130-72B	110128	S114-170B	110144	S114-402A	110279	S114-800A	111459
LT130-75	110128	S114-170E	110144	S114-414	112478	S114-800B	111459
LT130-81	110128	S114-172A	110277	S114-414	116115	S114-800C	111459
LT130-83	110128	S114-172D	110277	S114-414A	112478	S114-801	111382
LT133-03	110128	S114-172E	110277	S114-414A	116115	S114-801A	111382
LT133-04	110128	S114-173	110277	S114-426	110277	S114-801B	111382
LT133-05	110128	S114-173B	110277	S114-443	112373	S114-801C	111382
LT133-05B	110128	S114-173E	110277	S114-443A	112373	S114-801D	111382
LT135-13	110128	S114-173F	110277	S114-450	110485	S114-802A	111459
LT135-13B	110128	S114-174	110144	S114-461	111023	S114-806A	111803
LT135-16	110128	S114-184	110617	S114-461A	111023	S114-808	111690
LT135-19	110128	S114-194	112296	S114-461B	111023	S114-808A	111690
LT135-19B	110128	S114-203	112674	S114-473	111136	S114-808B	111690
LT135-19C	110128	S114-206	113924	S114-480	111136	S114-808C	111690
LT135-19E	110128	S114-208	110142	S114-480A	111136	S114-808D	111690
LT135-20	110128	S114-220	114261	S114-480B	111136	S114-815	113408
LT135-22	110128	S114-221	114261	S114-481	111274	S114-815A	113408
LT135-24	110128	S114-221E	114261	S114-481A	111274	S114-816	112373
LT135-26	110128	S114-221F	114261	S114-482	111586	S114-816A	112373
LT135-30	110128	S114-221G	114261	S114-483	113924	S114-817	113408
LT135-35	110128	S114-221H	114261	S114-483A	113924	S114-817A	113408
LT135-35A	110128	S114-221J	114261	S114-501	111010	S114-821	114401
LT135-35B	110128	S114-229	110277	S114-501A	111010	S114-821A	114401
LT135-35C	110128	S114-229E	110277	S114-505	111452	S114-829	112320
LT135-36	110128	S114-229F	110277	S114-505A	111452	S114-829A	112320
LT135-36C	110128	S114-230	112674	S114-520	111459	S114-829B	112320
LT135-54	110128	S114-230A	112674	S114-520A	111459	S114-829C	112320
LT135-69	110128	S114-231B	110417	S114-520B	111459	S114-829D	112320
S108-112	112008	S114-232	110160	S114-523	111608	S114-838A	115992
S108-116	111840	S114-232A	110160	S114-530	111459	S114-839	111452
S108-120	112008	S114-235	110417	S114-533	111459	S114-844	114763

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
S114-844A	114763	S13-102	111445	S13-40B	110719	S24-03C	110723
S114-850	111534	S13-104	110719	S13-41	116112	S24-07	111247
S114-850A	111534	S13-105	110575	S13-41A	116112	S24-13	110723
S114-850B	111534	S13-105A	110575	S13-41B	116112	S25-100	110580
S114-850C	111534	S13-106	110574	S13-41C	116112	S25-100A	110580
S114-850D	111534	S13-106A	110574	S13-41D	116112	S25-103	110580
S114-850E	111534	S13-106B	110574	S13-45	110719	S25-110	110616
S114-869	112320	S13-106C	110574	S13-45A	110719	S25-110A	110616
S114-87	110142	S13-106E	110574	S13-45B	110719	S25-110B	110616
S114-875	114308	S13-107	111805	S13-46A	110719	S25-110C	110616
S114-877	115686	S13-107A	111805	S13-502	111445	S25-110F	110616
S114-877A	115686	S13-111	110412	S13-502A	111445	S25-110G	110616
S114-877B	115686	S13-112	111559	S13-514	112083	S25-110K	110616
S114-877C	115686	S13-112A	111559	S13-527	114032	S25-110L	110616
S114-87K	110142	S13-114	111559	S13-527A	114032	S25-110M	110616
S114-87M	110142	S13-114A	111559	S13-527B	114032	S25-120	110723
S114-883	114281	S13-114B	111559	S13-550	115523	S25-120A	110723
S114-890	111534	S13-118	116085	S13-551	114764	S25-121	111247
S114-890A	111534	S13-118A	116085	S13-551A	114764	S25-121A	111247
S114-901	115361	S13-120A	110573	S13-551C	114764	S25-125	113210
S114-901A	115361	S13-120B	110573	S13-553	114032	S25-125A	113210
S114-901B	115361	S13-122	112365	S13-555	112083	S25-125B	113210
S114-902	115341	S13-123	110412	S13-555A	112083	S25-135	110580
S114-902A	115341	S13-124	112374	S13-555B	112083	S25-135A	110580
S114-902B	115341	S13-126	112365	S13-556	114032	S25-156	111558
S114-902C	115341	S13-126A	112365	S13-556A	114032	S25-158	113191
S114-903	112382	S13-127	111805	S13-558	114747	S25-158A	113191
S114-903A	112382	S13-127A	111805	S13-559A	114032	S25-158B	113191
S114-905	113962	S13-127C	111805	S13-559B	114032	S25-160	113191
S114-906	113962	S13-132	112374	S13-61	110462	S25-162	110616
S114-907	113276	S13-136	111683	S13-61	116137	S25-163	113675
S114-907A	113276	S13-138	112672	S13-61A	110462	S25-163A	113675
S114-91	110155	S13-138	116144	S13-61A	116137	S25-163B	113675
S114-91K	110155	S13-138A	112672	S13-63	110719	S25-163C	113675
S114-922	115341	S13-138A	116144	S13-68	115981	S25-163E	113675
S114-922A	115341	S13-160	114098	S13-68A	115981	S25-163F	113675
S114-925	112320	S13-204	112676	S13-68C	115981	S25-163G	113675
S114-925A	112320	S13-207	112371	S13-73	110565	S25-164	110616
S114-925B	112320	S13-207A	112371	S13-73B	110565	S25-164A	110616
S114-925C	112320	S13-207C	112371	S13-74	110565	S25-168	113675
S114-938	113962	S13-210B	111559	S13-75	110573	S25-168A	113675
S114-939A	115450	S13-210C	111559	S13-78	112374	S25-171	113675
S114-943	113962	S13-211	110820	S13-82	110573	S25-212	110723
S114-943A	113962	S13-212	110574	S13-82A	110573	S25-302	113210
S114-947	113962	S13-213	110574	S13-82B	110573	S25-303	113210
S114-947A	113962	S13-237	111917	S13-86	115981	S25-303A	113210
S114-948	113962	S13-237	116127	S13-89	110820	S25-501	113675
S114-949	112382	S13-25	110412	S13-89A	110820	S25-501A	113675
S114-949A	112382	S13-250	115523	S13-89B	110820	S25-501B	113675
S114-954	115361	S13-27	110412	S13-89C	110820	S25-501C	113675
S114-954B	115361	S13-27A	110412	S13-89D	110820	S25-505	113675
S114-955	115341	S13-28	110412	S13-91	111120	S25-505A	113675
S114-968	115361	S13-289	110820	S13-91A	111120	S25-505C	113675
S114-97	110142	S13-289A	110820	S13-92	110719	S25-505E	113675
S12-19	110386	S13-294	112374	S13-92A	110719	S25-505G	113675
S12-19C	110386	S13-302	111445	S13-94	112374	S25-515A	113675
S12-19K	110386	S13-302A	111445	S13-94A	112374	S25-515B	113675
S12-19KA	110386	S13-302B	111445	S14-03	112083	S25-515C	113675
S12-19KB	110386	S13-305	110575	S14-102	114874	S25-64	110616
S12-38	110719	S13-305A	110575	S14-203	111559	S25-64B	110616
S12-47	113408	S13-307A	110574	S14-205	110574	S25-64E	110616
S12-48	110573	S13-322	112365	S14-205A	110574	S25-64F	110616
S12-58	110573	S13-326	112365	S14-210	111559	S25-75	110616
S12-63	110386	S13-327	110574	S14-210A	111559	S25-75A	110616
S12-63A	110386	S13-327A	110574	S14-407A	114875		
S12-63B	110386	S13-33	110412	S14-407C	114875		
S12-63C	110386	S13-332	112374	S14-410	114526		
S12-68	110386	S13-33A	110412	S14-410E	114526		
S12-68A	110386	S13-33B	110412	S14-410F	114526		
S12-68B	110386	S13-34	110719	S14-412	114482		
S12-68C	110386	S13-34A	110719	S14-412C	114482		
S12-68D	110386	S13-36	110386	S14-412D	114482		
S12-73	110565	S13-38A	110386	S14-412E	114482		
S12-84	110443	S13-38B	110386	S14-412F	114482		
S12-85	110439	S13-40	110719	S14-413	114232		
S12-87	110439	S13-40A	112676	S24-01	113210		
S12-89	110820	S13-407	114213	S24-01B	113210		
S12-92	110719	S13-407	114253	S24-01C	113210		
S13-06	110412	S13-407A	114213	S24-01D	113210		
S13-06A	110412	S13-407A	114253	S24-03A	110723		
S13-101	111445	S13-40A	110719	S24-03B	110723		

HONDA

06312-P8A-5050	113392
06314-P5M-305RM	112214
31100-657-024	110138
31100-MCA-003	114116
31100-MCA-700	114116
31100-P04-G01	111285
31100-P04-G03	111285
31100-P04-G034	111285
31100-P04-G05	111285
31100-P05-C04	111285
31100-P08-003	111285
31100-P08-004	111285
31100-P08-013	111285
31100-P08-014	111285
31100-P2E-A01	113035

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
HONDA Continued							
31100-P2E-A02	113035	31200-HC4-023	111921	31200-RB1-013	116256	CSC29	114272
31100-P2E-G01	112349	31200-HM3-671	111926	31200-RBD-E01	115327	CSC91	114208
31100-P2E-G02	112349	31200-HM7-003	114715	31200-RL0-G01	115779	CSD73	114272
31100-P2J-004	112349	31200-HM7-A41	114715	31200-RNA-003	114389	CSD86	114208
31100-P3F-E01	115865	31200-HM8-003	111927	31200-RNA-A01	114389	CSD89	114208
31100-P3F-G01	115865	31200-HM8-A41	111927	31200-RNA-A11	114389	CSF37	115836
31100-P3F-G52	115865	31200-MR7-008	114104	31200-RNA-A50	114137	CSJ14	115983
31100-P7A-G01	112349	31200-MR7-018	114104	31200-RNA-A51	114137	CSJ15	115983
31100-PDA-E01	116343	31200-MZ5-003	114104	31200-RSH-E01	115598	DB5B6	113231
31100-PE0-003	110927	31200-P01-005	111442	31200-RSR-E01	115627	DB5X2	112246
31100-PE0-004	110927	31200-P03-005	111442	31200-RZP-E01	114389	DDL9	110249
31100-PE0-013	110927	31200-P06-L03	110249	31200-RZP-G01	114389	DDVD3	110249
31100-PE0-014	110927	31200-POA-004	113398	31200-RAA-A01	113821	DDVDH	114816
31100-PE0-020	110927	31200-POA-A04	113398	31200-RAA-A51	113821	DDVDT	115362
31100-PE0-023	110927	31200-P12-005	112214	31200-RAA-A61	113821	DDVDU	115362
31100-PE0-024	110927	31200-P13-005	112214	31200-Z0A-003	114375	DDWD8	113732
31100-PE0-034	110927	31200-P1J-E01	112217	31200-Z0A-013	114375	DDWDN	114375
31100-PE0-044	110927	31200-P1J-E010	112217	31200-ZA1-0030	112246	DFLEA	110249
31100-PE0-921	110675	31200-P1J-E03	112217	31200-ZE8-8010	112246	DR4U2	112214
31100-PE0-924	110927	31200-P1J-S010	112217	31200-ZF5A-L310	115406	DRK1E	111442
31100-PE1-661	110675	31200-P1K-E01	111442	31200-ZF5-L32	115406	DRL13	111442
31100-PE1-662	110675	31200-P2A-003	110249	31200-ZF5-L320	115406	DS4H1	114226
31100-PE1-663	110675	31200-P2A-0030	110249	31200-ZH9-003	113723	DS4R5	114389
31100-PEC-J71	113035	31200-P3F-A51	114226	31200-ZJ1-004	113594	DS4R7	114389
31100-PEJ-004	113035	31200-P3F-J01	113629	31200-ZJ1-841	113732	DS4RC	114389
31100-PK2-003	111609	31200-P44-G01	112214	31200-ZJ4-003	113594	DS4RD	114389
31100-PK2-0031	111609	31200-P45-G0	112214	31200-ZJ4-831	115687	DSDEC	113629
31100-PK2-004	111609	31200-P45-G01	112214	31200-ZJ-842	113732	DSDH6	115637
31100-PK2-0040	111609	31200-P45-G11	112214	31200-ZW1-004	114855	DSKEQ	114389
31100-PK2-0146	111609	31200-P45-G51	111442	31200-ZW5-003	115525	DSKEW	116256
31100-PK3-A0100	111609	31200-P45-S01	112214	31210-ZE1-023	113671	DU4V6	115779
31100-PK3-A0110	111609	31200-P5M-004	112214	31210-ZE3-013	113231	DV4DA	115598
31100-PK3-A020	111609	31200-P5M-014	112214	31210-ZE3-023	113231	DV4DJ	115598
31100-PLM-A01	113954	31200-P5T-G00	113928	31210-ZG3-803	115993	DX4R4	111442
31100-PLM-A02	113954	31200-P7A-G01	110249	31210-ZG8-003	115465	MHG016	113821
31100-PLZ-D00	112271	31200-P8A-A01	113392	AHGA03	111578	MHG020	115327
31100-PM5-A01	111578	31200-P9M-E00	113361	AHGA17	111285	MHG023	115327
31100-PM5-A010	111578	31200-PCA-003	112214	AHGA18	111285	MHG025	115627
31100-PM5-A02	111578	31200-PDA-E53	112217	AHGA19	111285	PEO014	110927
31100-PM5-A030M	111578	31200-PE0-003	110249	AHGA24	113035	PEO034	110927
31100-PM5-A07	111578	31200-PE0-013	110249	AHGA25	112349		
31100-PM5-A070	111578	31200-PE0-015	110249	AHGA26	112349		
31100-PM5-X03	111578	31200-PE0-901	110249	AHGA35	113035		
31100-PM5-YA010	111578	31200-PE0-902	110249	AHGA38	112349		
31100-PM8-A01	111578	31200-PE1-670	111442	AHGA44	113035		
31100-PM8-A010	111578	31200-PE1-671	111442	AHGA45	112349		
31100-PM8-A02	111578	31200-PE1-6712	111442	AHGA50	113954		
31100-PM8-A03	111578	31200-PE1-672	111442	AHGA51	113954		
31100-PNA-004	113712	31200-PE1-673	111442	AHGA52	114116		
31100-PNC-004	113712	31200-PE1-674	111442	AHGA53	113712		
31100-PND-004	113712	31200-PG6-911	111442	AHGA55	113712		
31100-PR5-0030	111285	31200-PG6-9110	111442	AHGA56	114841		
31100-PW1-G01	111578	31200-PG6-9122M	111442	AHGA61	113712		
31100-PWA-004	114841	31200-PG6-914	111442	AHGA64	113954		
31100-RBD-E01	114208	31200-PG6-915	111442	AHGA65	113712		
31100-RBD-E02	114208	31200-PG6-916	111442	AHGA67	115661		
31100-RFW-G01	115983	31200-PLC-T01	114816	AHGA69	114841		
31100-RFW-G51	115983	31200-PLC-T011M	114816	CFP29	114272		
31100-RJH-004	113954	31200-PLZ-D00	112320	CGM25	115803		
31100-RJJ-004	113712	31200-PM2-J01	111442	CHA07	110675		
31100-RNA-A01	115661	31200-PM3-005	111442	CHA08	110927		
31100-RSH-004	114841	31200-PM3-J02	111442	CHA19	110927		
31100-RSR-E01	114208	31200-PM3-J021	111442	CHA22	110675		
31100-RTA-003	114272	31200-PM5-L02	110249	CHA33	110927		
31100-RTA-023	114272	31200-PM7-005	111442	CHA50	111578		
31100-RTA-033	114272	31200-PM7-306	111442	CHA51	111578		
31100-RZP-G01	115836	31200-PMH-G01	115554	CHA57	111578		
31100-RAA-A01	114272	31200-PMH-G010M5	115554	CHA84	111578		
31100-RAA-A02	114272	31200-PNE-G01	115637	CHK88	111609		
31100-RAA-A040	114272	31200-PT0-003	112214	CJK88	111609		
31100-RAA-A05	114272	31200-PT0-0031	112214	CJN42	111285		
31100-ZA1-0030	112246	31200-PT0-005	112214	CJN85	111609		
31200-371-005	113538	31200-PT0-015	112214	CJN89	111609		
31200-371-505	113538	31200-PT1-PO3	112214	CJQ20	111285		
31200-463-008	113538	31200-PT1-T03	112214	CJQ21	111285		
31200-463-405	113538	31200-PT1-T04	112214	CJS52	115865		
31200-7W1A-0040	114855	31200-PWA-G01	115362	CJU82	115865		
31200-HA0-0682	111922	31200-PWA-G51	115362	CJU88	115865		
31200-HA0-773	111921	31200-PWA-G52	115598	CJV85	115865		
31200-HA0-774	111921	31200-PAA-A02	113398	CJV86	115865		
31200-HA6-774	111921	31200-RB1-003	116256	CLQ21	111285		

HYUNDAI → KIA
HYSTER

1347064	113132
1383240	113172
1388721	113985
1469604	113679
1486530	112897
2135890	113172
284074	113172
3001010	111190
3001023	113172
3004017	110626
3004585	111190
3025527	113668
3042323	110616
3048566	110411
3122813	113132
3136101	113172
323812	111683
335867	113172
8504304	113172

INTERNATIONAL HARV.

104452A2R	113725
1243060H91	110801
125849A1R	112773
146487C91	111713
1651386C91	112255
1677974C91	112993
1677974C92	112993
1680859C91	112993
1680859C92	112993
1754386C91	112255
1987559C1	113725
1987566C1	116072
3055288EX	116436
3055414R92	111752
3055557R92	111752

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
3138942R91	110641	11.130.194	110439	11.130.565	112041	11.130.841	112071
3218239EX	110641	11.130.198	110640	11.130.567	112555	11.130.842	112494
3218239R91	110641	11.130.200	110565	11.130.569	111755	11.130.845	112131
3218544R91	112098	11.130.201	110530	11.130.579	110462	11.130.854	111748
3218577EX	111662	11.130.203	110813	11.130.579	116137	11.130.860	111224
3218577EX	116131	11.130.208	110585	11.130.582	110585	11.130.862	110519
3218577R91	111662	11.130.216	110517	11.130.586	110365	11.130.872	110565
3218577R91	116131	11.130.217	110367	11.130.595	113484	11.130.875	115536
3218677R91	111752	11.130.218	111068	11.130.596	113465	11.130.881	113482
3218884EX	110766	11.130.219	110365	11.130.598	113466	11.130.885	110368
3218884R91	110766	11.130.225	110521	11.130.612	112039	11.130.886	110368
3228192R91	112135	11.130.229	110525	11.130.618	113381	11.130.889	111752
3228193R91	111752	11.130.230	110524	11.130.619	113467	11.130.895	112135
524023C91	110591	11.130.233	110587	11.130.620	112249	11.130.896	112136
586986C91	112989	11.130.234	110367	11.130.624	110462	11.130.897	110545
672901C91	111261	11.130.245	110793	11.130.624	116137	11.130.898	111001
683594C91	110300	11.130.248	115423	11.130.626	113468	11.130.899	115397
711104R92	115428	11.130.250	112173	11.130.627	112074	11.130.904	110565
711104R93	115428	11.130.251	115535	11.130.629	110565	11.130.910	111069
82068EX	110537	11.130.253	110530	11.130.630	110818	11.130.911	111694
A170746	113725	11.130.254	111001	11.130.632	110819	11.130.922	114677
A181873	111888	11.130.300	110368	11.130.642	111070	11.130.923	113982
A187623	111843	11.130.320	110449	11.130.645	115537	11.130.944	113466
D129494	116072	11.130.321	110338	11.130.646	112295	11.130.956	111251
E41565	110523	11.130.328	110584	11.130.647	110867	11.130.957	113481
M41595	110766	11.130.328	116306	11.130.651	110847	11.130.963	111131
R941520	112747	11.130.338	110587	11.130.659	113968	11.130.964	110338
V941501	110536	11.130.339	110524	11.130.660	116040	11.130.965	110584
V941501	116139	11.130.346	110585	11.130.661	111025	11.130.965	116306
		11.130.362	110367	11.130.663	111224	11.130.967	110365
		11.130.364	110520	11.130.664	111885	11.130.968	111025
		11.130.366	110522	11.130.665	112267	11.130.969	111123
		11.130.373	110565	11.130.669	111332	11.130.972	110818
		11.130.375	110793	11.130.670	111332	11.130.979	112496
		11.130.376	110545	11.130.672	112651	11.130.993	112670
		11.130.378	110866	11.130.673	113464	11.130.996	112379
		11.130.386	110565	11.130.676	113356	11.130.997	113430
		11.130.395	111068	11.130.687	111638	11.130.999	114050
		11.130.398	110584	11.130.692	110545	11.131.002	112171
		11.130.398	116306	11.130.695	111885	11.131.010	111848
		11.130.399	110368	11.130.697	110522	11.131.016	111771
		11.130.402	115535	11.130.704	111752	11.131.027	114447
		11.130.407	110524	11.130.705	112135	11.131.028	114276
		11.130.408	110439	11.130.706	111332	11.131.038	112660
		11.130.409	110640	11.130.710	114254	11.131.052	112545
		11.130.411	110565	11.130.711	110439	11.131.054	111909
		11.130.412	110525	11.130.716	113443	11.131.055	111900
		11.130.414	110545	11.130.722	111060	11.131.056	113387
		11.130.417	112304	11.130.723	112286	11.131.057	112286
		11.130.418	110587	11.130.728	111982	11.131.059	114117
		11.130.419	110565	11.130.729	113466	11.131.063	113478
		11.130.421	111422	11.130.730	112446	11.131.065	111793
		11.130.432	112039	11.130.730	116135	11.131.070	110615
		11.130.483	111131	11.130.732	111304	11.131.070	114387
		11.130.484	110536	11.130.734	114266	11.131.077	114388
		11.130.487	110365	11.130.736	115472	11.131.077	116308
		11.130.490	110518	11.130.739	112442	11.131.085	113468
		11.130.491	110523	11.130.739	116130	11.131.088	111641
		11.130.492	110521	11.130.743	110527	11.131.100	112390
		11.130.500	110814	11.130.748	113532	11.131.109	111855
		11.130.501	115423	11.130.762	111755	11.131.109	116128
		11.130.503	114265	11.130.763	111422	11.131.116	113901
		11.130.509	110565	11.130.766	112132	11.131.117	113429
		11.130.510	113381	11.130.769	110461	11.131.136	113459
		11.130.519	110338	11.130.772	111069	11.131.137	112005
		11.130.520	110819	11.130.773	111694	11.131.140	115472
		11.130.521	110530	11.130.775	111749	11.131.143	111640
		11.130.525	115423	11.130.777	110160	11.131.144	113468
		11.130.526	110615	11.130.782	111398	11.131.145	115721
		11.130.529	110584	11.130.783	113346	11.131.150	114702
		11.130.529	116306	11.130.785	114447	11.131.157	112034
		11.130.531	112249	11.130.787	111029	11.131.162	110819
		11.130.532	111693	11.130.790	110585	11.131.164	112496
		11.130.533	111755	11.130.793	111755	11.131.167	113532
		11.130.534	111755	11.130.795	110464	11.131.177	111640
		11.130.537	111640	11.130.807	110565	11.131.178	112306
		11.130.551	110536	11.130.809	110807	11.131.186	113690
		11.130.552	110536	11.130.819	111755	11.131.191	114903
		11.130.556	110584	11.130.820	113532	11.131.218	114777
		11.130.556	116306	11.130.821	110551	11.131.221	113478
		11.130.558	110839	11.130.836	113570	11.131.223	113181

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ISKRA Continued							
11.131.228	114387	11.131.780	114387	11.139.098	111217	11.201.093	111035
11.131.228	116307	11.131.780	116307	11.139.106	110207	11.201.095	110970
11.131.232	114460	11.131.781	114388	11.139.107	112116	11.201.096	110641
11.131.233	113480	11.131.781	116308	11.139.108	111217	11.201.097	111141
11.131.236	113468	11.131.782	115389	11.139.117	110582	11.201.102	111141
11.131.249	114254	11.131.783	116136	11.139.140	110409	11.201.112	110890
11.131.249	116134	11.131.784	114852	11.139.163	112581	11.201.115	111662
11.131.254	114824	11.131.792	114852	11.139.164	111910	11.201.115	116131
11.131.255	115697	11.131.793	114388	11.139.165	112581	11.201.116	111662
11.131.265	115325	11.131.793	116308	11.139.305	111065	11.201.122	111288
11.131.267	112534	11.131.805	115776	11.139.327	112307	11.201.146	112310
11.131.271	114196	11.131.829	111001	11.139.331	112251	11.201.151	110113
11.131.275	113725	11.131.830	114480	11.139.333	113134	11.201.155	110358
11.131.285	111398	11.131.846	112498	11.139.334	112320	11.201.167	111035
11.131.292	114264	11.131.848	114264	11.139.401	112320	11.201.186	110766
11.131.297	113674	11.131.849	115776	11.139.402	111130	11.201.198	111082
11.131.299	115329	11.131.856	115357	11.139.403	111251	11.201.201	110113
11.131.300	113429	11.131.863	114220	11.139.404	110584	11.201.204	111035
11.131.303	115776	11.131.863	116132	11.139.404	116306	11.201.205	111148
11.131.315	114107	11.131.864	114475	11.139.406	111805	11.201.207	111035
11.131.318	113532	11.131.870	115355	11.139.409	111690	11.201.209	112056
11.131.335	113484	11.131.900	114852	11.139.410	112251	11.201.210	111287
11.131.352	114002	11.131.902	113843	11.139.411	112290	11.201.211	111287
11.131.353	114398	11.131.903	113276	11.139.413	111461	11.201.214	113376
11.131.374	111755	11.131.928	111015	11.139.415	111748	11.201.219	112098
11.131.382	115721	11.131.929	113532	11.139.416	111749	11.201.220	110913
11.131.384	113478	11.131.942	114388	11.139.417	112321	11.201.226	110881
11.131.410	114387	11.131.942	116308	11.139.418	111059	11.201.230	112310
11.131.410	116307	11.131.945	115389	11.139.421	113605	11.201.242	110890
11.131.426	113901	11.131.946	114387	11.139.422	113481	11.201.245	111288
11.131.430	114447	11.131.946	116307	11.139.423	112474	11.201.255	111075
11.131.433	115357	11.131.947	114388	11.139.424	112821	11.201.257	111154
11.131.458	113181	11.131.947	116308	11.139.424	115870	11.201.272	110178
11.131.464	114050	11.131.948	113181	11.139.431	113282	11.201.276	113574
11.131.476	112436	11.131.950	114676	11.139.432	111865	11.201.292	112183
11.131.477	112053	11.131.951	116128	11.139.433	111685	11.201.293	110348
11.131.478	114126	11.131.964	114387	11.139.435	111851	11.201.294	110350
11.131.479	115537	11.131.964	116307	11.139.439	111904	11.201.299	111168
11.131.488	115389	11.131.965	115389	11.139.441	113389	11.201.301	111289
11.131.520	114050	11.131.984	114107	11.139.443	113451	11.201.304	112768
11.131.527	114677	11.131.986	114126	11.139.445	111996	11.201.305	111364
11.131.528	113982	11.131.989	114388	11.139.447	112553	11.201.306	110890
11.131.529	114276	11.131.989	116308	11.139.448	113281	11.201.307	110358
11.131.530	114117	11.131.995	115776	11.139.449	112218	11.201.309	113376
11.131.542	113570	11.132.008	114852	11.139.452	110813	11.201.324	111654
11.131.560	112441	11.132.010	112660	11.139.453	110521	11.201.327	111686
11.131.573	115391	11.132.034	115389	11.139.454	110518	11.201.328	111686
11.131.574	115392	11.132.035	114387	11.139.455	110522	11.201.329	111686
11.131.575	115393	11.132.035	116307	11.139.456	113381	11.201.331	110913
11.131.600	113181	11.132.036	114388	11.139.459	112821	11.201.332	112112
11.131.603	110813	11.132.036	116308	11.139.459	115870	11.201.334	111654
11.131.604	113182	11.132.083	114824	11.139.506	110206	11.201.336	110882
11.131.605	114388	11.132.094	114196	11.139.514	110981	11.201.347	111078
11.131.605	116308	11.132.101	113901	11.139.601	114523	11.201.355	111687
11.131.606	114387	11.132.106	114266	11.139.603	110206	11.201.357	111686
11.131.606	116307	11.132.138	114475	11.139.604	114031	11.201.358	111036
11.131.607	114220	11.132.149	114387	11.139.605	113891	11.201.360	110113
11.131.607	116132	11.132.149	116307	11.139.606	114073	11.201.372	110641
11.131.620	116093	11.132.159	110565	11.139.607	113859	11.201.379	112149
11.131.622	111123	11.132.230	115776	11.139.608	113760	11.201.385	110348
11.131.635	110442	11.132.256	116093	11.201.017	111035	11.201.396	113474
11.131.640	114852	11.139.008	110537	11.201.021	110743	11.201.399	111362
11.131.674	115397	11.139.012	110212	11.201.027	110641	11.201.400	111362
11.131.676	113678	11.139.013	110535	11.201.032	110766	11.201.401	112149
11.131.686	114475	11.139.020	110213	11.201.037	111180	11.201.405	111035
11.131.688	115355	11.139.022	112119	11.201.037	116133	11.201.406	111148
11.131.697	114264	11.139.025	110981	11.201.047	110113	11.201.415	111362
11.131.705	112074	11.139.028	110205	11.201.050	110906	11.201.432	111035
11.131.711	114264	11.139.029	110980	11.201.052	110766	11.201.437	111094
11.131.727	113570	11.139.030	111231	11.201.055	112097	11.201.438	110919
11.131.728	113901	11.139.032	110210	11.201.060	111841	11.201.439	110919
11.131.750	113900	11.139.033	111217	11.201.062	113469	11.201.444	112098
11.131.754	116093	11.139.034	110601	11.201.066	110766	11.201.453	110105
11.131.761	114388	11.139.035	110512	11.201.067	110178	11.201.457	110890
11.131.761	116308	11.139.036	110537	11.201.068	111289	11.201.463	115689
11.131.763	114852	11.139.037	110537	11.201.069	110766	11.201.468	112097
11.131.764	110584	11.139.038	110449	11.201.070	110882	11.201.470	110968
11.131.764	116306	11.139.041	110206	11.201.071	112768	11.201.478	110881
11.131.769	116093	11.139.048	111046	11.201.075	112097	11.201.479	113470
11.131.770	112494	11.139.052	110512	11.201.085	111035	11.201.485	114077
11.131.775	114702	11.139.077	111218	11.201.087	110113	11.201.493	112162

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11.201.498	112191	11.201.729	111368	11.203.060	114289	11.203.388	114049
11.201.499	112098	11.201.732	111093	11.203.061	114464	11.203.389	114192
11.201.500	111662	11.201.735	111036	11.203.062	113768	11.203.390	114289
11.201.500	116131	11.201.738	114513	11.203.063	113768	11.203.391	115309
11.201.501	110641	11.201.744	111354	11.203.064	114110	11.203.392	116114
11.201.502	111662	11.201.746	113477	11.203.065	113949	11.203.393	116111
11.201.502	116131	11.201.754	112299	11.203.078	111884	11.203.396	113738
11.201.503	111740	11.201.757	111833	11.203.079	111899	11.203.396	116155
11.201.504	111740	11.201.757	116063	11.203.080	111820	11.203.397	113768
11.201.507	111662	11.201.759	112170	11.203.085	111842	11.203.398	113768
11.201.507	116131	11.201.764	111364	11.203.087	113529	11.203.399	114464
11.201.511	110881	11.201.765	111325	11.203.088	113529	11.203.404	113470
11.201.512	110881	11.201.769	112230	11.203.094	112298	11.203.405	110881
11.201.514	111686	11.201.783	111180	11.203.097	111355	11.203.415	112098
11.201.519	111833	11.201.783	116133	11.203.098	112556	11.203.416	113631
11.201.519	116063	11.201.784	111649	11.203.099	113610	11.203.423	114671
11.201.522	110895	11.201.789	110163	11.203.100	115851	11.203.433	112698
11.201.523	111321	11.201.790	113768	11.203.102	114767	11.203.434	115608
11.201.525	110113	11.201.800	114840	11.203.103	114004	11.203.440	114772
11.201.528	111086	11.201.801	111834	11.203.106	112183	11.203.441	115899
11.201.529	111287	11.201.810	111355	11.203.107	113991	11.203.443	113967
11.201.531	111289	11.201.811	111368	11.203.110	112194	11.203.452	115436
11.201.534	112299	11.201.824	111176	11.203.111	112273	11.203.458	113503
11.201.536	113500	11.201.830	114514	11.203.114	112530	11.203.461	116023
11.201.545	112149	11.201.832	112112	11.203.115	111883	11.203.462	114868
11.201.554	111325	11.201.853	111226	11.203.116	111902	11.203.468	113771
11.201.555	111419	11.201.856	114465	11.203.119	114004	11.203.470	112460
11.201.557	110766	11.201.868	111629	11.203.124	113999	11.203.476	115436
11.201.566	111289	11.201.875	111843	11.203.129	112679	11.203.493	114896
11.201.570	112736	11.201.876	116126	11.203.139	111833	11.203.494	113529
11.201.571	112768	11.201.881	115848	11.203.139	116063	11.203.502	114767
11.201.572	111289	11.201.889	111352	11.203.155	113738	11.203.512	113640
11.201.573	111289	11.201.890	111176	11.203.155	116155	11.203.523	114671
11.201.574	110766	11.201.895	111833	11.203.164	113489	11.203.524	114783
11.201.576	111738	11.201.895	116063	11.203.165	111353	11.203.564	115777
11.201.577	111738	11.201.898	111477	11.203.167	112529	11.203.565	114808
11.201.578	111355	11.201.902	112343	11.203.167	116129	11.203.569	111898
11.201.579	111289	11.201.903	112747	11.203.175	113967	11.203.573	111631
11.201.580	112056	11.201.908	114081	11.203.181	113986	11.203.631	113771
11.201.581	110891	11.201.913	113474	11.203.186	112529	11.203.632	113772
11.201.582	111148	11.201.925	113610	11.203.186	116129	11.203.655	112747
11.201.584	112056	11.201.927	111168	11.203.191	114469	11.203.656	112046
11.201.585	111418	11.201.928	113376	11.203.198	113999	11.203.660	111843
11.201.585	115873	11.201.929	110105	11.203.204	112062	11.203.661	115605
11.201.586	113470	11.201.931	112056	11.203.205	112021	11.203.670	110048
11.201.587	111356	11.201.933	112056	11.203.215	111631	11.203.694	114767
11.201.590	112162	11.201.934	113632	11.203.223	112043	11.203.702	114767
11.201.592	110105	11.201.935	111888	11.203.227	112679	11.203.708	113603
11.201.595	111888	11.201.937	111528	11.203.232	112343	11.203.709	113575
11.201.600	112768	11.201.938	110127	11.203.237	112424	11.203.710	112469
11.201.601	110360	11.201.939	113477	11.203.239	111842	11.203.714	114450
11.201.611	111287	11.201.941	112170	11.203.240	111833	11.203.719	113999
11.201.617	110913	11.201.945	114465	11.203.240	116063	11.203.720	114469
11.201.624	111841	11.201.951	114289	11.203.241	111833	11.203.726	115970
11.201.632	110358	11.201.963	112688	11.203.241	116063	11.203.729	114896
11.201.633	110358	11.201.970	114049	11.203.242	111842	11.203.730	113621
11.201.662	111686	11.201.976	114049	11.203.248	111850	11.203.734	114228
11.201.664	111082	11.201.983	116111	11.203.250	115381	11.203.739	114698
11.201.665	110105	11.201.984	116114	11.203.268	111843	11.203.741	114698
11.201.666	112556	11.201.985	116114	11.203.275	111746	11.203.767	114784
11.201.667	112389	11.201.989	113632	11.203.281	114000	11.203.812	114772
11.201.675	112556	11.201.990	111479	11.203.288	112002	11.203.819	113837
11.201.676	111289	11.201.991	112046	11.203.290	112535	11.203.822	113621
11.201.679	112754	11.201.992	112325	11.203.298	115689	11.203.823	114896
11.201.685	111141	11.201.993	111293	11.203.301	112098	11.203.825	114228
11.201.693	111948	11.201.997	111843	11.203.302	114450	11.203.826	115682
11.201.695	113471	11.203.001	111842	11.203.310	112075	11.203.828	114808
11.201.696	111654	11.203.004	111369	11.203.312	112079	11.203.870	113999
11.201.701	111620	11.203.005	112529	11.203.313	111989	11.203.871	112460
11.201.705	110895	11.203.005	116129	11.203.314	112274	11.203.882	114228
11.201.706	111364	11.203.007	113442	11.203.331	112046	11.203.888	116111
11.201.707	110770	11.203.008	113486	11.203.332	113531	11.203.905	114868
11.201.709	113920	11.203.016	112556	11.203.333	111978	11.203.911	114787
11.201.710	111528	11.203.024	111354	11.203.337	112480	11.203.921	113510
11.201.711	113533	11.203.030	111890	11.203.340	115343	11.203.923	112457
11.201.713	111093	11.203.033	114049	11.203.350	114868	11.203.940	112458
11.201.716	111364	11.203.042	112718	11.203.363	113999	11.203.943	113248
11.201.717	111361	11.203.043	114110	11.203.365	114049	11.203.950	112471
11.201.723	110127	11.203.051	113949	11.203.368	114868	11.203.970	115971
11.201.727	111843	11.203.054	113485	11.203.369	116023	11.203.998	110127
11.201.728	110770	11.203.057	111318	11.203.383	114671	11.204.006	113640

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ISKRA <i>Continued</i>							
11.204.021	110175	11.209.441	112416	AME1604	115628	AZE2155	112534
11.204.022	113245	11.209.442	112561	AME1705	115628	AZE2156	115325
11.204.026	113919	11.209.443	110882	AMJ4635	112574	AZE2160	111398
11.204.037	113768	11.209.445	112076	AMJ4636	112575	AZE2165	113674
11.204.040	113738	11.209.446	112453	AMJ4664	112317	AZE2169	112320
11.204.040	116155	11.209.448	112302	AMJ4761	112574	AZE2185	111749
11.204.049	114783	11.209.454	112427	AMJ4762	112575	AZE2186	112321
11.204.050	110881	11.209.454	115871	AMJ5175	112573	AZE2188	112474
11.204.052	113470	11.209.600	113448	AMJ5176	113666	AZE2189	112821
11.204.054	112046	11.209.601	114036	AMJ5272	111092	AZE2189	115870
11.204.067	115970	11.209.602	113188	AMJ5511	113666	AZE2199	113282
11.204.069	113716	11.209.603	114296	AMJ5591	111092	AZE2201	111865
11.204.073	115970	11.209.604	114212	AMJ5592	111091	AZE2204	111685
11.204.098	115436	11.209.606	113351	AMJ5632	110429	AZE2206	111851
11.204.115	114772	11.209.607	113998	AMJ5666	112573	AZE2210	112553
11.204.116	115899	11.209.609	113295	AMJ5690	112487	AZE2211	113281
11.204.159	113999	11.209.610	114008	AMJ5705	112573	AZE2213	115397
11.204.160	114471	11.209.611	113998	AMJ5730	113666	AZE2226	112821
11.204.163	112460	11.209.612	114028	AMJ5991	111092	AZE2226	115870
11.204.166	114767	11.209.612	114753	AZAF4569	114387	AZE2502	112304
11.204.172	114698	11.209.614	114753	AZB0101	110338	AZE2507	110839
11.204.174	114228	11.209.615	114089	AZD2108	111123	AZE2521	111070
11.204.175	115682	11.209.616	114314	AZD2119	110584	AZE2522	112295
11.204.187	114192	11.209.617	115617	AZD2119	116306	AZE2523	110867
11.204.215	114772	11.209.618	116117	AZD2125	113843	AZE2525	110847
11.204.233	114228	11.209.619	114212	AZD2126	113276	AZE2534	113443
11.204.239	113999	11.209.620	114212	AZD2127	111015	AZE2536	111060
11.204.240	115381	11.209.621	115824	AZD3513	111130	AZE2537	112286
11.204.244	114767	11.209.622	114212	AZD3514	111251	AZE2540	111069
11.204.252	115343	11.209.624	114078	AZD3515	110584	AZE2541	111694
11.204.254	113949	11.209.625	113289	AZD3515	116306	AZE2543	111749
11.204.255	114767	11.212.001	111466	AZD3517	111690	AZE2545	110160
11.204.258	114767	11.212.066	110429	AZD3519	111748	AZE2548	111029
11.204.276	113949	11.212.100	115628	AZD3520	111059	AZE2558	112131
11.204.280	114110	11.212.107	112573	AZD3522	113605	AZE2563	111748
11.204.327	114450	11.212.169	112487	AZD3523	113481	AZE2573	115397
11.204.337	114767	11.212.212	113666	AZE0201	110338	AZE2577	111069
11.204.391	113632	11.212.416	111092	AZE0303	110856	AZE2578	111694
11.204.396	111843	11.212.417	111091	AZE0304	111068	AZE2605	114677
11.204.405	113531	11.212.450	112575	AZE0305	111100	AZE2606	113982
11.204.412	115849	11.212.609	112573	AZE1202	111422	AZE2617	112171
11.204.413	115605	11.212.610	113666	AZE1203	110585	AZE2623	111909
11.204.424	113707	11.212.619	112318	AZE1209	111251	AZE2624	111900
11.204.431	113888	11.212.622	112317	AZE1210	111131	AZE2625	111387
11.204.443	114785	11.212.957	111092	AZE1211	110338	AZE2626	112286
11.204.454	115971	11.214.057	111466	AZE1212	110584	AZE2634	112005
11.204.463	114783	11.216.117	112573	AZE1214	110365	AZE2636	112034
11.204.467	114772	11.216.191	115628	AZE1215	111025	AZE2640	112306
11.204.484	114450	11.216.257	113666	AZE1216	111123	AZE2642	113480
11.204.502	114379	11.216.273	112574	AZE1225	111641	AZE2645	115697
11.204.582	112556	184452	111231	AZE1227	112390	AZE2649	115329
11.204.583	113610	72442813	114523	AZE1230	113690	AZE2662	114677
11.204.584	115851	72442831	110206	AZE1240	114276	AZE2663	113982
11.209.001	111369	72442832	114031	AZE1241	114117	AZE2665	111904
11.209.002	111477	72442833	113891	AZE1244	112218	AZE2668	113678
11.209.003	111186	72442834	114073	AZE1501	110338	AZE3506	110367
11.209.004	112165	72442835	113859	AZE1502	110584	AZE3512	110367
11.209.006	112151	72442886	113760	AZE1507	110584	AZE3513	111068
11.209.011	111514	72445470	113448	AZE1507	116306	AZE3514	110365
11.209.012	111732	72445477	114296	AZE1511	111422	AZE3517	110367
11.209.017	111797	72445479	114036	AZE1515	111131	AZE3521	111070
11.209.020	111426	72445481	113188	AZE1516	110365	AZE4101	112251
11.209.402	111186	72445494	114212	AZE1520	110338	AZE4102	112290
11.209.403	111186	72445846	114212	AZE1521	110584	AZE4112	112053
11.209.407	111426	72445850	114078	AZE1521	116306	AZE4140	113389
11.209.410	111797	72445886	113351	AZE1523	110584	AZE4142	113451
11.209.415	110895	72445887	113998	AZE1523	116306	AZE4144	111996
11.209.416	112803	72445894	113295	AZE1528	110365	AZE4150	114388
11.209.417	112159	72446570	113289	AZE1531	111025	AZE4150	116308
11.209.420	111886	72446572	113998	AZE1540	110807	AZE4151	114387
11.209.421	112561	72446574	114028	AZE2101	113481	AZE4166	113901
11.209.422	113448	72446575	114753	AZE2105	112496	AZE4170	114388
11.209.424	112271	72446577	114753	AZE2110	112379	AZE4170	116308
11.209.429	112654	72446578	114089	AZE2111	113430	AZE4172	114387
11.209.431	111795	72446642	114314	AZE2113	111848	AZE4173	114388
11.209.434	111834	72446643	115617	AZE2117	112545	AZE4173	116308
11.209.435	112757	72446644	116117	AZE2138	113459	AZE4175	114388
11.209.436	112345	72446647	115824	AZE2141	112496	AZE4175	116308
11.209.438	111987	72446708	114212	AZE2147	112307	AZE4197	114388
11.209.439	112720	72446709	114212	AZE2150	112320	AZE4197	116308
11.209.440	112197	AKK4322	111978	AZE2151	114460	AZE4199	114387

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
AZE4201	114388	AZF4230	116132	AZJ3138	115423	AZJ3324	110464
AZE4201	116308	AZF4231	114475	AZJ3140	114265	AZJ3330	110565
AZE4202	116128	AZF4237	112498	AZJ3144	110565	AZJ3347	110818
AZE4207	114387	AZF4248	114852	AZJ3145	113381	AZJ3351	112670
AZE4214	114107	AZF4258	115389	AZJ3148	110819	AZJ3364	112660
AZE4217	112660	AZF4260	115389	AZJ3149	110530	AZJ3369	110615
AZE4219	114387	AZF4267	115776	AZJ3150	115423	AZJ3369	114387
AZE4220	114388	AZF4269	114852	AZJ3151	110615	AZJ3374	113468
AZE4220	116308	AZF4275	115389	AZJ3155	112249	AZJ3386	115472
AZE4230	113901	AZF4292	114824	AZJ3156	111693	AZJ3387	111640
AZE4244	110565	AZF4295	114196	AZJ3157	111755	AZJ3388	113468
AZE4527	111065	AZF4298	114266	AZJ3158	111755	AZJ3389	110819
AZE4535	111855	AZF4309	116093	AZJ3160	111640	AZJ3393	111640
AZE4535	116128	AZF4310	114475	AZJ3169	110536	AZJ3402	114777
AZE4540	113901	AZF4315	114387	AZJ3169	116139	AZJ3404	113468
AZE4562	112251	AZF4343	116093	AZJ3170	110536	AZJ3405	114254
AZE4564	113134	AZF4402	114523	AZJ3170	116139	AZJ3405	116134
AZE4566	113181	AZF4403	113760	AZJ3177	112041	AZJ3413	114398
AZE4579	114107	AZF4507	111982	AZJ3179	112555	AZJ3433	115537
AZE4597	113901	AZF4508	113466	AZJ3181	111755	AZJ3447	110442
AZE4603	113478	AZF4509	112446	AZJ3182	110462	AZJ3448	112581
AZE4620	113478	AZF4509	116135	AZJ3182	116137	AZJ3450	111910
AZE4634	111805	AZF4510	113532	AZJ3186	113484	AZJ3452	112581
AZE4635	111461	AZF4511	114447	AZJ3187	113465	AZJ3458	110813
AZE6509	113181	AZF4513	113570	AZJ3188	113466	AZJ3459	110521
AZE6513	112436	AZF4514	112071	AZJ3192	112039	AZJ3460	110518
AZE6514	112053	AZF4515	112494	AZJ3195	113381	AZJ3461	110522
AZE6515	114126	AZF4521	111755	AZJ3196	113467	AZJ3462	113381
AZE6526	112441	AZF4527	113466	AZJ3197	112249	AZJ3503	110530
AZE6530	113181	AZF4535	114050	AZJ3198	110462	AZJ3508	110536
AZE6531	110813	AZF4539	114447	AZJ3198	116137	AZJ3508	116139
AZE6544	113900	AZF4545	114388	AZJ3199	113468	AZJ3514	110814
AZE6554	113181	AZF4545	116308	AZJ3201	112074	AZJ3515	110518
AZE6556	114676	AZF4553	115721	AZJ3203	110565	AZJ3516	110640
AZE6559	114126	AZF4554	114702	AZJ3204	110818	AZJ3518	110523
AZF3509	110367	AZF4559	113532	AZJ3206	110819	AZJ3520	110517
AZF3512	110585	AZF4562	114903	AZJ3211	115537	AZJ3522	113464
AZF3515	110587	AZF4569	114387	AZJ3212	113968	AZJ3525	110545
AZF3518	110793	AZF4571	114824	AZJ3213	116040	AZJ3531	110439
AZF3528	110587	AZF4572	114196	AZJ3215	111224	AZJ3534	110640
AZF3531	110585	AZF4576	114264	AZJ3216	111885	AZJ3536	110565
AZF3542	110521	AZF4577	113429	AZJ3217	112267	AZJ3537	110530
AZF3543	110793	AZF4579	115776	AZJ3218	111332	AZJ3538	110813
AZF3545	110866	AZF4582	113532	AZJ3219	111332	AZJ3542	110517
AZF3549	111068	AZF4588	113484	AZJ3221	112651	AZJ3544	110439
AZF3551	110587	AZF4591	114002	AZJ3222	113464	AZJ3546	110521
AZF3558	110585	AZF4596	111755	AZJ3223	113356	AZJ3548	110525
AZF3566	111398	AZF4598	115721	AZJ3231	111638	AZJ3549	110524
AZF4115	114447	AZF4611	113429	AZJ3234	110545	AZJ3552	115423
AZF4116	115357	AZF4671	115355	AZJ3236	111885	AZJ3554	112173
AZF4122	114050	AZF4687	114480	AZJ3237	110522	AZJ3555	115535
AZF4129	115389	AZF4697	115355	AZJ3242	111752	AZJ3556	110530
AZF4135	114050	AZF4875	114031	AZJ3243	112135	AZJ3557	111001
AZF4146	115391	AZF4876	113891	AZJ3244	111332	AZJ3567	110368
AZF4147	115392	AZF4877	114073	AZJ3247	114254	AZJ3589	110524
AZF4148	115393	AZG4605	111771	AZJ3247	116134	AZJ3593	110520
AZF4155	113182	AZG4862	113859	AZJ3248	110439	AZJ3594	110522
AZF4156	114220	AZJ0102	115423	AZJ3255	111304	AZJ3598	110565
AZF4156	116132	AZJ0402	110536	AZJ3256	114266	AZJ3599	110545
AZF4164	114852	AZJ0402	116139	AZJ3258	115472	AZK5104	110512
AZF4178	114475	AZJ0404	110439	AZJ3261	116130	AZK5105	110537
AZF4181	114264	AZJ0405	110565	AZJ3263	110527	AZK5106	110537
AZF4186	114264	AZJ0501	110524	AZJ3274	111755	AZK5111	110439
AZF4190	113570	AZJ0602	112651	AZJ3277	112132	AZK5112	111217
AZF4194	116093	AZJ3105	110565	AZJ3279	110461	AZK5113	110601
AZF4196	114852	AZJ3107	110368	AZJ3281	113346	AZK5117	110601
AZF4197	116093	AZJ3109	115535	AZJ3283	111755	AZK5119	110520
AZF4198	112494	AZJ3113	110524	AZJ3284	113532	AZK5133	110449
AZF4199	114702	AZJ3114	110439	AZJ3285	110551	AZK5168	110537
AZF4202	115389	AZJ3115	110640	AZJ3297	111224	AZK5172	110212
AZF4204	115389	AZJ3117	110565	AZJ3299	110519	AZK5173	110535
AZF4205	116136	AZJ3118	110525	AZJ3305	110565	AZK5179	110213
AZF4206	114852	AZJ3119	110545	AZJ3306	115536	AZK5181	112119
AZF4208	114852	AZJ3121	110565	AZJ3310	113482	AZK5184	110981
AZF4211	115776	AZJ3123	112039	AZJ3311	110368	AZK5187	110205
AZF4220	111001	AZJ3128	110536	AZJ3312	110368	AZK5188	110980
AZF4224	114264	AZJ3128	116139	AZJ3314	111752	AZK5189	111231
AZF4225	115776	AZJ3131	110518	AZJ3317	112135	AZK5191	110210
AZF4228	115357	AZJ3132	110523	AZJ3318	112136	AZK5192	111217
AZF4229	114320	AZJ3133	110521	AZJ3319	110545	AZK5193	110601
AZF4230	114220	AZJ3137	110814	AZJ3320	111001	AZK5194	110512

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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AZK5195	110537	IA0306	110890	IA0527	110358	IA0665	110105
AZK5196	110537	IA0306	110912	IA0528	110179	IA0666	112556
AZK5401	110206	IA0306	112719	IA0528	110969	IA0667	112389
AZK5412	110512	IA0306	112768	IA0528	111086	IA0675	112556
AZK5431	111218	IA0306	116331	IA0528	111184	IA0676	111289
AZK5449	111217	IA0309	113376	IA0529	111287	IA0679	110619
AZK5456	112116	IA0324	111654	IA0531	110968	IA0679	112754
AZK5457	111217	IA0326	110912	IA0531	111185	IA0693	111948
AZK5466	110582	IA0326	111620	IA0531	111289	IA0694	111413
AZK5467	113850	IA0327	110882	IA0536	110766	IA0694	111620
AZK5487	110409	IA0327	110890	IA0536	113500	IA0695	111036
AZK5511	111217	IA0327	111418	IA0554	111325	IA0695	113471
AZK5545	110206	IA0327	111686	IA0555	111419	IA0696	110912
AZK5553	110981	IA0327	115873	IA0566	110770	IA0696	111654
AZK5570	110206	IA0328	111686	IA0566	111289	IA0696	112719
IA0021	110743	IA0329	111620	IA0566	111362	IA0696	116331
IA0037	110899	IA0329	111686	IA0569	112098	IA0699	111620
IA0037	111035	IA0330	111686	IA0570	112736	IA0701	111620
IA0037	111180	IA0331	112719	IA0571	110611	IA0705	110895
IA0037	116133	IA0331	116331	IA0571	110890	IA0706	111364
IA0050	110906	IA0332	111620	IA0571	110912	IA0707	110770
IA0055	112097	IA0332	111654	IA0571	112719	IA0709	113920
IA0060	111841	IA0332	112112	IA0571	112768	IA0710	111528
IA0062	113469	IA0334	110912	IA0571	116331	IA0710	111658
IA0067	110178	IA0334	111654	IA0572	111289	IA0710	113477
IA0067	110759	IA0336	110882	IA0573	111289	IA0711	113533
IA0067	111841	IA0342	111653	IA0574	110766	IA0713	110923
IA0067	113378	IA0343	111620	IA0576	111086	IA0713	111093
IA0068	111289	IA0347	110611	IA0576	111364	IA0717	111361
IA0069	110766	IA0347	110970	IA0577	111364	IA0723	110127
IA0071	110882	IA0347	111078	IA0578	111289	IA0728	110770
IA0071	110890	IA0347	111687	IA0578	113574	IA0729	111368
IA0075	112097	IA0355	111687	IA0579	111289	IA0731	110923
IA0095	110970	IA0358	111036	IA0579	112754	IA0731	111093
IA0095	111948	IA0360	110113	IA0580	111169	IA0731	111149
IA0096	110641	IA0372	110641	IA0580	112056	IA0732	111093
IA0097	111141	IA0400	111362	IA0581	110891	IA0735	111036
IA0102	111141	IA0401	112149	IA0582	111035	IA0738	114513
IA0112	110611	IA0401	112735	IA0582	111148	IA0746	113477
IA0112	110890	IA0404	111076	IA0582	112719	IA0754	112299
IA0112	112719	IA0404	112162	IA0582	116331	IA0759	112170
IA0112	116331	IA0405	111035	IA0584	111169	IA0769	112230
IA0116	111662	IA0405	111148	IA0584	112056	IA0783	111180
IA0122	110913	IA0406	111148	IA0585	110882	IA0783	116133
IA0122	111288	IA0415	111362	IA0585	111418	IA0784	110105
IA0122	112149	IA0432	111035	IA0585	115873	IA0789	110163
IA0145	111287	IA0437	111094	IA0586	113470	IA0800	114840
IA0186	110766	IA0437	112149	IA0587	111356	IA0801	111834
IA0201	110113	IA0438	110919	IA0587	111364	IA0810	111355
IA0211	111287	IA0439	110919	IA0590	111076	IA0811	111368
IA0215	110911	IA0445	110358	IA0590	112162	IA0824	111176
IA0215	110975	IA0446	110913	IA0591	111620	IA0830	114514
IA0220	110913	IA0448	110911	IA0591	111686	IA0832	112112
IA0226	110881	IA0449	111141	IA0592	110105	IA0839	110360
IA0230	110877	IA0453	110105	IA0592	113632	IA0856	114465
IA0230	112310	IA0453	111649	IA0595	111888	IA0868	111629
IA0242	110882	IA0457	110890	IA0600	112768	IA0875	111843
IA0256	111075	IA0463	114669	IA0601	110360	IA0876	116126
IA0257	111154	IA0468	112097	IA0604	110178	IA0881	115848
IA0258	111036	IA0470	111355	IA0604	111653	IA0889	111352
IA0276	113574	IA0484	113991	IA0605	110975	IA0890	111176
IA0292	112183	IA0485	114077	IA0605	111653	IA0895	111629
IA0293	110348	IA0498	112191	IA0605	113758	IA0895	111833
IA0294	110350	IA0499	112098	IA0606	110911	IA0898	111477
IA0297	110972	IA0500	111662	IA0610	111653	IA0902	112343
IA0297	111168	IA0500	116131	IA0611	111287	IA0903	112747
IA0299	110972	IA0501	110641	IA0613	110919	IA0908	114081
IA0299	111168	IA0502	111662	IA0613	110975	IA0913	113474
IA0301	110178	IA0502	116131	IA0613	111653	IA0914	112098
IA0301	110759	IA0504	111740	IA0617	110913	IA0918	115851
IA0301	110770	IA0507	111662	IA0624	110077	IA0925	113610
IA0301	110968	IA0507	116131	IA0624	111767	IA0963	112688
IA0301	111185	IA0511	110881	IA0632	110358	IA0970	114049
IA0301	111289	IA0512	110881	IA0633	110358	IA0983	116111
IA0301	111362	IA0517	111629	IA0633	112112	IA0984	116114
IA0305	110179	IA0518	111629	IA0635	110113	IA0989	113632
IA0305	110759	IA0519	111629	IA0635	110906	IA0990	111479
IA0305	110969	IA0520	111842	IA0635	113920	IA0992	112325
IA0305	111086	IA0522	110895	IA0662	111686	IA0993	111293
IA0305	111289	IA0523	111321	IA0664	111082	IA1001	111842
IA0305	111364	IA0525	110113	IA0664	112728	IA1004	111369

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
IA1005	112529	IA1212	114772	IA9420	112757	IS0338	111130
IA1005	116129	IA1215	114192	IA9421	112345	IS0346	110520
IA1007	111354	IA1222	113503	IA9423	111987	IS0346	110585
IA1012	111890	IA1223	113575	IA9424	112720	IS0346	111251
IA1013	113442	IA1224	113621	IA9425	112197	IS0364	110520
IA1018	112718	IA1225	114896	IA9426	112416	IS0366	110522
IA1019	113529	IA1228	113771	IA9429	112561	IS0375	110793
IA1020	113529	IA1241	114671	IA9430	110882	IS0375	111066
IA1021	112298	IA1242	114004	IA9432	112076	IS0389	110205
IA1022	114289	IA1243	114767	IA9433	112453	IS0392	112124
IA1023	113768	IA1244	112460	IA9438	110743	IS0392	112455
IA1026	114464	IA1246	113770	IA9439	113923	IS0395	111068
IA1027	115309	IA1253	111676	IA9439	115879	IS0399	110368
IA1027	115309	IA1256	111676	IA9442	112159	IS0399	111112
IA1031	114110	IA1260	113772	IA9443	112561	IS0402	115535
IA1036	113486	IA1269	111898	IA9444	113448	IS0402	115535
IA1040	113485	IA1286	115608	IA9445	112561	IS0407	110524
IA1041	111318	IA1301	115682	IA9448	113448	IS0408	110439
IA1043	111902	IA1307	113751	IA9449	114036	IS0409	110640
IA1044	113489	IA1309	111843	IA9450	113188	IS0411	110565
IA1045	111353	IA1310	115605	IA9451	114296	IS0412	110525
IA1052	112529	IA1312	115436	IA9452	114212	IS0417	112304
IA1052	116129	IA1321	115777	IA9454	113351	IS0428	110534
IA1057	112230	IA1326	114783	IA9455	113998	IS0429	110535
IA1057	114004	IA1330	114122	IA9457	113295	IS0432	112039
IA1057	114004	IA1332	114469	IA9458	114008	IS0432	115344
IA1058	113999	IA1339	112397	IA9459	113998	IS0483	111131
IA1064	111884	IA1340	113603	IA9460	114028	IS0484	110536
IA1065	111899	IA1341	112469	IA9460	114753	IS0484	116139
IA1066	111820	IA1348	111843	IA9462	114753	IS0486	114438
IA1073	113986	IA1349	114698	IA9463	114089	IS0486	114744
IA1076	113738	IA1352	114450	IA9464	114314	IS0490	110518
IA1076	116155	IA1372	115970	IA9465	115617	IS0491	110523
IA1077	114471	IA1373	112722	IA9466	116117	IS0492	110517
IA1078	110881	IA1393	114784	IA9467	114212	IS0492	110521
IA1079	113470	IA1412	113899	IA9468	114212	IS0500	110814
IA1081	112046	IA1414	113940	IA9468	115577	IS0503	114265
IA1085	112530	IA1414	116048	IA9469	115824	IS0509	110565
IA1091	112679	IA1416	112458	IA9470	114212	IS0519	110338
IA1095	112062	IA1417	114785	IA9472	114078	IS0519	110819
IA1096	112343	IA1418	112471	IA9473	113289	IS0520	110439
IA1101	112424	IA1430	113640	IM0032	112317	IS0520	110819
IA1103	111842	IA1434	113245	IM0055	111091	IS0521	110530
IA1104	111833	IA1435	113755	IM0089	112575	IS0521	111284
IA1104	116063	IA1435	115382	IM0127	115628	IS0525	115423
IA1105	111833	IA1436	113837	IM0145	113666	IS0526	110615
IA1106	111842	IA1437	113919	IM0146	112574	IS0526	111737
IA1108	111850	IA1439	113248	IM0147	112575	IS0529	110584
IA1110	111883	IA1458	113758	IS0005	110520	IS0529	116306
IA1111	112194	IA1480	115849	IS0005	110601	IS0531	111304
IA1117	113949	IA1481	115970	IS0007	111100	IS0531	112249
IA1126	112679	IA1481	115971	IS0030	112651	IS0532	110814
IA1127	111631	IA1484	114772	IS0034	110856	IS0532	111693
IA1128	112043	IA1484	114772	IS0075	110512	IS0533	111755
IA1133	114767	IA1485	114787	IS0115	110208	IS0534	111755
IA1134	112021	IA1488	113716	IS0115	110512	IS0536	110206
IA1136	115381	IA1518	113632	IS0116	110537	IS0537	111640
IA1137	112535	IA1522	113531	IS0126	110537	IS0548	111001
IA1142	113340	IA1529	113888	IS0130	110210	IS0548	112249
IA1144	112075	IA1541	114681	IS0151	113464	IS0551	110536
IA1145	112273	IA1545	114379	IS0178	110206	IS0551	116139
IA1146	112079	IA1547	113707	IS0179	110545	IS0551	116312
IA1146	114789	IA1586	113716	IS0193	110367	IS0552	110536
IA1147	111989	IA9003	111186	IS0193	110866	IS0552	116139
IA1147	115482	IA9006	112151	IS0201	110530	IS0552	116312
IA1148	112274	IA9011	111514	IS0203	110529	IS0558	110839
IA1150	111746	IA9014	111294	IS0203	110813	IS0565	112041
IA1152	115689	IA9015	111515	IS0216	110517	IS0567	112555
IA1153	111978	IA9017	111797	IS0248	115423	IS0569	111755
IA1154	113531	IA9020	111426	IS0250	112173	IS0570	110207
IA1158	112480	IA9026	112143	IS0250	115472	IS0579	110462
IA1161	114000	IA9027	112654	IS0254	111001	IS0579	116137
IA1163	112002	IA9028	111795	IS0280	110582	IS0580	111123
IA1164	113992	IA9407	112803	IS0281	110214	IS0580	111127
IA1169	113999	IA9411	111886	IS0281	110531	IS0582	110585
IA1196	115343	IA9412	112561	IS0285	110207	IS0582	111251
IA1198	114228	IA9413	113448	IS0287	110533	IS0586	110365
IA1202	113631	IA9414	110895	IS0289	110213	IS0586	111585
IA1203	113967	IA9415	112271	IS0289	110532	IS0590	112162
IA1204	112698	IA9418	112406	IS0320	110449	IS0595	113484
IA1211	115899	IA9419	111834	IS0338	110587	IS0596	113465

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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IS0597	111231	IS0875	115536	IS1201	116308	IS9136	114446
IS0598	113466	IS0875	115536	IS1202	114852	IS9138	110210
IS0600	112056	IS0881	113482	IS1216	110584	IS9142	111771
IS0601	110208	IS0889	111752	IS1216	116306	IS9143	113608
IS0607	110212	IS0895	112135	IS1231	114676	IS9144	113851
IS0607	110512	IS0896	112136	IS1236	114220	IS9144	115885
IS0612	112039	IS0897	114254	IS1236	116132	IS9146	112224
IS0618	110640	IS0899	115397	IS1237	114320	IS9147	112581
IS0618	113381	IS0899	115500	IS1239	114475	IS9148	111910
IS0619	113467	IS0944	113466	IS1241	115355	IS9149	112581
IS0620	112249	IS0956	110585	IS1249	111001	IS9300	111136
IS0622	110512	IS0957	113481	IS1251	113851	IS9305	111065
IS0624	110462	IS0979	112496	IS1251	115885	IS9309	112818
IS0624	116137	IS0993	112670	IS1254	116093	IS9311	112309
IS0626	113468	IS0996	114321	IS1255	112494	IS9312	112166
IS0627	112074	IS0999	114050	IS1260	114001	IS9313	111786
IS0629	110565	IS1010	112390	IS1261	114376	IS9313	115985
IS0629	111346	IS1016	114447	IS1261	115513	IS9317	111690
IS0629	114650	IS1018	112660	IS1263	110813	IS9319	111805
IS0630	110818	IS1021	114117	IS1264	112498	IS9327	112307
IS0631	110442	IS1024	111848	IS1265	113276	IS9328	111906
IS0632	110819	IS1040	111909	IS1269	112436	IS9329	112541
IS0642	111070	IS1041	111900	IS1277	114307	IS9330	111619
IS0642	114460	IS1042	113387	IS1279	111015	IS9331	112251
IS0645	115537	IS1043	112286	IS1286	113843	IS9332	112290
IS0646	112295	IS1045	112034	IS1303	113901	IS9333	113134
IS0647	110867	IS1047	111641	IS1315	112660	IS9334	112320
IS0647	112290	IS1051	112545	IS1320	113725	IS9335	112103
IS0651	110847	IS1055	113532	IS1341	114196	IS9403	111251
IS0652	110512	IS1056	115721	IS1344	113484	IS9404	110584
IS0654	111217	IS1066	113690	IS1347	114266	IS9404	116306
IS0655	110520	IS1067	114777	IS1378	110565	IS9407	111461
IS0655	110601	IS1067	114777	IS9001	110531	IS9409	111748
IS0657	111217	IS1070	114903	IS9002	110534	IS9410	111749
IS0660	116040	IS1072	116128	IS9003	114744	IS9411	112321
IS0661	111025	IS1073	113181	IS9007	110537	IS9414	111508
IS0663	111224	IS1075	114460	IS9008	110537	IS9415	113605
IS0664	111332	IS1077	113429	IS9009	110512	IS9418	112821
IS0664	111885	IS1078	111771	IS9010	110533	IS9418	115870
IS0665	112267	IS1079	113480	IS9011	110212	IS9422	111490
IS0669	111332	IS1089	113429	IS9012	110212	IS9424	113282
IS0670	111332	IS1090	112267	IS9013	110535	IS9425	111865
IS0687	114047	IS1094	112005	IS9016	110208	IS9426	111685
IS0692	110545	IS1095	114196	IS9017	110539	IS9427	112431
IS0695	111885	IS1097	114824	IS9018	110210	IS9428	111851
IS0704	111752	IS1098	114107	IS9019	110582	IS9431	114163
IS0705	112135	IS1100	115325	IS9020	110213	IS9432	111904
IS0706	111332	IS1101	112534	IS9021	110532	IS9433	110363
IS0711	110439	IS1102	114702	IS9022	112119	IS9434	113389
IS0716	113443	IS1104	115329	IS9023	110206	IS9435	111120
IS0717	112235	IS1105	114264	IS9025	110981	IS9436	113451
IS0722	111060	IS1106	115776	IS9026	110209	IS9437	112439
IS0723	112286	IS1107	111398	IS9027	110207	IS9438	111996
IS0728	111982	IS1108	114398	IS9028	110205	IS9439	112553
IS0729	113759	IS1109	114002	IS9029	110980	IS9440	113281
IS0730	112446	IS1114	114480	IS9030	111231	IS9441	112218
IS0730	116135	IS1115	115697	IS9032	110210	IS9443	112436
IS0732	111304	IS1133	115357	IS9034	110214	IS9444	110813
IS0736	115472	IS1145	114126	IS9035	110206	IS9444	112267
IS0743	110527	IS1146	112053	IS9036	110512	IS9445	110517
IS0748	113532	IS1149	114677	IS9038	110210	IS9445	110521
IS0762	111755	IS1150	113982	IS9040	110212	IS9446	110518
IS0763	111422	IS1151	114117	IS9042	111046	IS9447	110522
IS0766	112132	IS1152	114276	IS9051	110601	IS9447	110582
IS0769	110461	IS1158	115391	IS9054	111219	IS9448	110640
IS0772	111069	IS1159	115392	IS9056	110932	IS9448	113381
IS0773	111694	IS1160	115393	IS9061	111003	IS9450	113935
IS0775	111749	IS1160	115393	IS9062	110208	IS9450	115501
IS0777	111489	IS1164	112441	IS9068	111218	IS9453	114523
IS0783	113346	IS1169	113277	IS90763	111422	IS9455	110206
IS0787	111029	IS1170	111130	IS9078	111219	IS9456	114031
IS0790	110585	IS1175	111906	IS9082	112120	ISJ0002	110394
IS0792	110521	IS1179	110999	IS9083	111217	ISJ0003	110709
IS0793	111755	IS1190	111910	IS9095	110207	ISJ0004	110279
IS0820	113532	IS1192	112496	IS9096	112116	ISJ0005	111459
IS0821	110551	IS1193	115389	IS9099	112507	ISJ0006	111307
IS0836	113570	IS1194	116136	IS9105	113850	ISJ0007	110810
IS0841	112071	IS1195	114387	IS9109	110980	ISJ0009	110713
IS0845	112131	IS1195	116307	IS9113	114744	ISJ0010	111476
IS0854	111748	IS1199	114020	IS9126	110532	MG10	113510
IS0862	110519	IS1201	114388	IS9128	111217	MG100	110895

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MG101	111364	MG235	111364	MG35	115682	MG455	111294
MG102	110770	MG236	111086	MG351	111842	MG456	112734
MG105	110891	MG236	111738	MG352	112529	MG458	112288
MG107	111176	MG238	111289	MG353	112556	MG460	110895
MG108	114514	MG238	111355	MG354	112389	MG461	112298
MG11	113640	MG239	111289	MG356	112480	MG462	110970
MG110	113574	MG24	114783	MG357	111686	MG463	110113
MG111	112183	MG241	110891	MG359	114840	MG467	114379
MG112	111078	MG244	111148	MG36	113899	MG468	114785
MG114	114077	MG246	110113	MG360	113471	MG469	113888
MG12	112162	MG246	113529	MG361	111654	MG47	113486
MG123	111180	MG247	111833	MG364	111676	MG470	113898
MG123	116133	MG248	111354	MG367	112273	MG472	111872
MG124	110641	MG249	112112	MG368	110906	MG473	114110
MG125	111141	MG251	113632	MG369	112097	MG476	115849
MG126	111141	MG252	111479	MG370	111841	MG477	113531
MG127	110890	MG253	111884	MG371	113469	MG477	115605
MG128	111833	MG254	111899	MG372	110178	MG479	111888
MG129	111833	MG255	111820	MG373	111289	MG482	111888
MG129	112529	MG258	112768	MG375	111287	MG483	111843
MG13	111843	MG259	111289	MG376	110913	MG484	115343
MG130	113477	MG260	110766	MG379	112768	MG489	115381
MG137	114191	MG261	111352	MG38	114081	MG491	110701
MG142	114767	MG264	114681	MG380	110360	MG492	112729
MG148	110112	MG268	115605	MG381	111477	MG493	112159
MG15	112718	MG269	114469	MG382	112343	MG494	111886
MG150	110890	MG27	114767	MG383	111629	MG494	112076
MG151	111418	MG272	111948	MG384	112747	MG495	111426
MG152	111356	MG274	114191	MG387	112299	MG496	111767
MG153	110163	MG277	113632	MG389	110077	MG497	110743
MG156	111686	MG278	110105	MG389	111841	MG499	110048
MG157	111890	MG279	111888	MG390	111293	MG5	114787
MG158	111141	MG28	114004	MG391	111842	MG50	112112
MG159	112112	MG280	110348	MG393	114671	MG500	111631
MG16	110350	MG281	110641	MG395	111168	MG503	112561
MG162	113949	MG282	111662	MG396	113376	MG504	110882
MG168	115777	MG282	116131	MG399	111419	MG505	110895
MG17	111528	MG283	111740	MG4	112062	MG506	112271
MG176	111355	MG286	113529	MG401	111287	MG507	110607
MG177	112556	MG286	113621	MG402	116126	MG510	111035
MG178	113610	MG288	111686	MG403	113763	MG512	111094
MG179	115851	MG289	110895	MG404	113529	MG513	112149
MG182	114808	MG29	114192	MG407	115848	MG514	111325
MG183	111834	MG291	112043	MG408	112298	MG515	115689
MG184	112757	MG293	113503	MG41	115545	MG516	112097
MG185	110919	MG295	112075	MG410	110913	MG517	111662
MG187	110360	MG296	112273	MG414	111843	MG52	113949
MG189	110890	MG3	114004	MG415	110770	MG520	111686
MG19	111354	MG3	114735	MG416	111948	MG521	111686
MG191	110882	MG30	114228	MG418	112688	MG522	110881
MG192	111362	MG303	112424	MG42	110882	MG523	110881
MG193	112149	MG304	114347	MG420	111368	MG524	111686
MG194	111076	MG308	114049	MG421	111093	MG526	111176
MG195	111662	MG309	113631	MG422	112230	MG528	110641
MG196	111086	MG31	112460	MG423	111686	MG529	111321
MG197	111289	MG311	111842	MG425	113470	MG534	112191
MG2	111902	MG312	114464	MG426	111289	MG535	111035
MG20	113920	MG313	113531	MG427	111086	MG536	111148
MG202	111353	MG314	112046	MG427	111364	MG539	116114
MG203	110766	MG319	111834	MG428	111176	MG540	115689
MG205	111036	MG32	113770	MG429	111086	MG541	116111
MG206	110113	MG321	114868	MG429	111738	MG550	112722
MG209	110881	MG322	116023	MG43	110890	MG551	113603
MG21	113533	MG325	112679	MG43	112768	MG552	112021
MG210	112098	MG327	113986	MG430	111093	MG554	113470
MG212	111355	MG329	112529	MG432	111036	MG555	112079
MG215	110105	MG329	116129	MG433	112288	MG556	111989
MG216	111368	MG33	111898	MG434	110052	MG557	112274
MG218	112056	MG331	114019	MG435	114513	MG559	113340
MG22	111093	MG333	112343	MG437	111180	MG560	112698
MG222	111289	MG337	113738	MG438	111649	MG561	115608
MG223	114450	MG339	114000	MG44	111288	MG562	113967
MG224	115971	MG34	113751	MG442	112803	MG563	114289
MG228	112310	MG340	114868	MG443	114896	MG564	115309
MG229	111833	MG341	111510	MG444	112345	MG566	114784
MG23	114772	MG341	111569	MG445	111528	MG568	112170
MG230	114465	MG341	113186	MG446	111987	MG569	114471
MG231	112325	MG343	113768	MG447	112720	MG57	113758
MG232	113442	MG344	113768	MG448	112197	MG570	113489
MG233	111843	MG347	112056	MG451	112416	MG571	112194
		MG348	113474	MG454	111797	MG572	112194

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ISKRA <i>Continued</i>							
MG573	112530	MG733	113923	MS111	114387	MS206	110818
MG574	111883	MG74	114772	MS111	116307	MS206	110819
MG575	112773	MG749	113923	MS112	114460	MS207	110529
MG575	113999	MG75	115436	MS114	112441	MS207	113182
MG576	112002	MG750	112427	MS114	113182	MS21	110443
MG577	112679	MG76	113919	MS116	113177	MS21	110465
MG578	112535	MG77	110127	MS116	115329	MS21	110520
MG58	110048	MG773	112159	MS117	113429	MS21	110565
MG58	110127	MG773	112561	MS12	112439	MS21	110615
MG58	111397	MG78	110175	MS120	112431	MS21	111573
MG58	113896	MG781	113895	MS121	111851	MS21	111737
MG583	111186	MG79	113248	MS123	111851	MS21	115536
MG584	111186	MG792	113351	MS124	114163	MS211	113181
MG586	112561	MG793	113351	MS125	111904	MS215	111805
MG587	113448	MG794	113998	MS126	110363	MS216	112818
MG588	111515	MG795	113998	MS127	113389	MS217	112309
MG589	110766	MG796	114028	MS128	111690	MS218	110839
MG589	113500	MG797	114753	MS129	112251	MS219	112041
MG590	111362	MG798	114753	MS13	111996	MS220	110536
MG592	111289	MG799	114089	MS130	114278	MS220	116139
MG593	112754	MG8	112397	MS131	111641	MS221	113900
MG594	111369	MG800	114212	MS132	113177	MS223	112135
MG595	111620	MG801	114212	MS137	115472	MS224	110529
MG597	111978	MG802	114212	MS138	114050	MS224	110640
MG598	111082	MG802	115577	MS139	114307	MS224	113381
MG601	111620	MG803	113448	MS14	114295	MS226	114852
MG604	112098	MG805	113289	MS140	114677	MS227	112131
MG607	113991	MG806	113295	MS141	111982	MS228	110462
MG608	111687	MG807	114008	MS141	114523	MS230	111304
MG613	113707	MG808	114314	MS145	110818	MS232	112494
MG614	111226	MG809	115617	MS145	111608	MS233	111461
MG62	111850	MG810	114036	MS148	112267	MS234	111748
MG626	110881	MG811	116117	MS149	110818	MS235	113901
MG627	110766	MG812	113188	MS149	110819	MS239	114196
MG63	111746	MG813	114296	MS15	112553	MS240	111041
MG64	113992	MG814	115824	MS150	111070	MS241	115325
MG648	113707	MG815	114212	MS151	114388	MS242	111760
MG65	113837	MG817	114078	MS152	112660	MS243	110819
MG653	110881	MG83	111843	MS157	115324	MS245	112496
MG654	111362	MG84	112170	MS16	113281	MS247	111398
MG656	110968	MG85	110360	MS167	110530	MS248	113277
MG656	111355	MG86	111361	MS167	111284	MS249	114702
MG658	110113	MG89	112458	MS167	116077	MS25	112074
MG659	112736	MG9	114698	MS168	114002	MS25	114447
MG66	113755	MG90	112471	MS169	114824	MS250	114398
MG660	113470	MG91	113245	MS17	112218	MS252	112034
MG662	111176	MG92	111842	MS170	112660	MS253	111130
MG665OF	112556	MG95	111154	MS171	113282	MS259	112496
MG666OF	113610	MG96	113485	MS172	111865	MS260	111749
MG667OF	115851	MG97	111318	MS173	111685	MS263	111047
MG668	112112	MG99	111620	MS174	112651	MS264	111755
MG669	112194	MM135	110429	MS175	113570	MS265	110527
MG67	115970	MM141	112577	MS176	110522	MS266	110160
MG671OF	113529	MM151	113666	MS176	113134	MS266	111489
MG675OF	114671	MM152	112573	MS177	110520	MS267	110819
MG678OF	115777	MM159	111215	MS179	111131	MS268	113968
MG679OF	114808	MM159	111466	MS18	110521	MS269	110519
MG68	113898	MM168	112318	MS18	110536	MS27	113181
MG681OF	111843	MM182	112317	MS18	111752	MS270	116040
MG682	112722	MM191	111091	MS18	112660	MS271	111885
MG684	112397	MM192	111092	MS180	115537	MS272	111752
MG687OF	113529	MM255	115628	MS181	110338	MS274	112249
MG69	115899	MM273	112317	MS182	110584	MS276	112135
MG690	113716	MM293	112574	MS184	110545	MS277	110536
MG697OF	114469	MM293OF	112574	MS186	110518	MS278	110522
MG7	114122	MM294	112575	MS187	110814	MS28	113181
MG70	112457	MM294OF	112575	MS189	112304	MS280	110519
MG700OF	114785	MM377	113666	MS19	114266	MS282	110565
MG702	113716	MM88	112487	MS190	112039	MS283	113443
MG709	114007	MS0741	114327	MS191	110524	MS285	111069
MG717	111653	MS10	111120	MS192	110640	MS289	114387
MG718	112736	MS100	112498	MS193	110525	MS29	114676
MG723	112165	MS101	113429	MS194	115535	MS290	114020
MG725	112151	MS104	112581	MS197	112071	MS291	115391
MG726	110212	MS105	111059	MS198	112823	MS293	110942
MG726	111514	MS106	111508	MS199	114395	MS294	115392
MG727	111831	MS107	113381	MS202	112747	MS295	115393
MG728	112121	MS108	113467	MS204	110439	MS30	116128
MG729	112143	MS109	112249	MS204	110819	MS300	110530
MG730	112654	MS11	113451	MS205	110439	MS301	115423
MG731	111795	MS110	114903	MS206	110128	MS302	111060

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MS303	112286	MS395	110565	MS516	110537	MS67	114320
MS304	111694	MS399	114388	MS52	111096	MS670	110207
MS307	115536	MS4	114107	MS52	113703	MS671	111231
MS308	112555	MS40	110584	MS520	114446	MS673	110214
MS309	110551	MS400	115389	MS521	110210	MS674	113850
MS31	112053	MS401	116136	MS522	111046	MS676	111231
MS310	113346	MS403	114852	MS524	111910	MS677	114002
MS312	111755	MS405	113609	MS526	110207	MS678	111010
MS313	112039	MS406	112005	MS527	110932	MS679	112321
MS315	110565	MS409	111123	MS528	110207	MS68	114220
MS316	111059	MS41	111047	MS529	110532	MS68	116132
MS318	110461	MS41	112277	MS531	110539	MS682	114034
MS319	112132	MS410	111906	MS536	110601	MS683	113773
MS32	114126	MS412	112306	MS537	110212	MS684	115394
MS321	111640	MS413	113480	MS54	111490	MS69	114475
MS322	113482	MS414	113690	MS540	110980	MS695	111217
MS323	110368	MS418	112267	MS542	110207	MS696	110210
MS324	110585	MS419	113478	MS543	111219	MS698	110206
MS325	111638	MS421	111347	MS545	110208	MS699	110533
MS326	110368	MS422	112821	MS546	110512	MS7	113605
MS328	113465	MS423	114001	MS547	110206	MS700	110205
MS330	111304	MS424	114376	MS548	110565	MS701	110535
MS330	112249	MS425	111910	MS549	114744	MS702	111046
MS331	113466	MS426	111771	MS55	114118	MS703	111218
MS332	111001	MS427	113276	MS550	110207	MS704	110538
MS333	110464	MS429	111001	MS552	110601	MS705	110208
MS334	111755	MS43	115357	MS553	110205	MS706	110531
MS335	111693	MS431	112320	MS555	110206	MS707	110209
MS337	115397	MS432	113982	MS556	110532	MS708	110582
MS339	111332	MS433	112390	MS558	113609	MS709	110981
MS343	110439	MS434	114777	MS559	110531	MS710	110537
MS344	111029	MS435	113466	MS56	112290	MS711	110539
MS345	110565	MS435	113759	MS560	110212	MS712	111219
MS346	110462	MS436	114276	MS561	110075	MS713	112507
MS346	116137	MS437	114117	MS562	110532	MS714	114744
MS347	110615	MS439	112446	MS564	113850	MS716	111217
MS348	112136	MS439	116135	MS565	111219	MS732	114053
MS35	113843	MS44	113532	MS566	110535	MS737	110530
MS351	111332	MS443	113466	MS567	110210	MS737	111284
MS352	111752	MS446	112071	MS57	110865	MS737	116077
MS353	111332	MS448	110517	MS570	110538	MS738	111001
MS354	111001	MS449	112676	MS574	110980	MS74	113459
MS355	112135	MS45	113532	MS577	110512	MS744	114327
MS356	113468	MS453	113935	MS578	111217	MS74OF	113459
MS357	112074	MS454	112436	MS579	112120	MS75	110999
MS358	112442	MS455	111015	MS58	110530	MS753	114523
MS358	116130	MS457	110209	MS582	110210	MS756	110206
MS359	112171	MS459	110582	MS584	110409	MS757	114031
MS360	113356	MS460	110214	MS585	112224	MS758	113891
MS361	111848	MS462	112581	MS587	110533	MS759	114073
MS365	111224	MS463	113608	MS59	114052	MS76	110436
MS366	110519	MS466	112116	MS591	113570	MS760	113934
MS369	112670	MS469	110601	MS592	113901	MS765	113859
MS371	111748	MS47	111123	MS6	113550	MS765	115439
MS372	112379	MS471	110582	MS61	112089	MS766	113760
MS372	114321	MS472	112119	MS611	113484	MS767	112055
MS373	113430	MS473	111771	MS612	112651	MS768	114069
MS373	113931	MS474	110208	MS613	112494	MS77	111000
MS375	110585	MS477	115590	MS613	113464	MS774	111638
MS375	111251	MS48	112286	MS617OF	111793	MS78	110813
MS376	113481	MS480	110212	MS618OF	110819	MS781	115440
MS377	112295	MS481	110212	MS619	111855	MS79	113182
MS378	110867	MS484	114744	MS62	115355	MS8	113481
MS379	110847	MS486	115721	MS624	114388	MS80	113932
MS38	113678	MS487	111218	MS631	112053	MS81	111749
MS380	112545	MS49	110442	MS633	113177	MS82	112321
MS381	111909	MS490	110210	MS636	112171	MS84	114264
MS382	110365	MS491	110531	MS64	114480	MS86	112534
MS383	111900	MS493	110534	MS641	113181	MS89	111755
MS384	112167	MS495	110213	MS643OF	111793	MS9	112474
MS384	113387	MS497	110981	MS65	116093	MS90	114196
MS385	110565	MS499	112507	MS656	114860	MS91	114254
MS386	110523	MS5	115776	MS66	112494	MS91	116134
MS387	110521	MS501	111231	MS661	111065	MS93	113459
MS388	110813	MS502	111231	MS662	111136	MS94	110590
MS389	110517	MS504	110210	MS664	111906	MS95	110442
MS39	111251	MS505	111217	MS665	113134	MS97	113674
MS391	114265	MS509	110512	MS666	112026	MS98	115697
MS392	115423	MS51	110818	MS667	112821	ZB4-12/06-9	111100
MS393	112173	MS511	111003	MS668	112103	AAG0402	111180
MS393	115472	MS512	110537	MS669	110534	AAG0402	116133

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ISKRA <i>Continued</i>							
AAG0403	111035	AAK1330	110105	AAK3579	110881	AAK4544	111082
AAG0702	110743	AAK1333	110968	AAK3583	111321	AAK4549	111141
AAG1104	111180	AAK1337	113470	AAK3587	111086	AAK4554	111948
AAG1104	116133	AAK1339	111176	AAK3588	111287	AAK4556	113471
AAG1111	110178	AAK1343	111740	AAK3590	111289	AAK4557	111654
AAG1130	111180	AAK1344	111740	AAK3595	113500	AAK4562	111620
AAG1130	116133	AAK1347	110895	AAK3802	110127	AAK4564	111176
AAG1301	110641	AAK1352	110766	AAK3817	114783	AAK4567	111364
AAG1307	113469	AAK1358	111289	AAK3818	110881	AAK4568	110770
AAG1310	110970	AAK1362	110105	AAK3820	113470	AAK4569	113533
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AAG1314	111662	AAK1367	110895	AAK3834	113716	AAK4574	110770
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RE506079	114459	SE502077	114277	01161422	110523	01181743	113768
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RE506197	113542	SE502823	114712	01163669	110536	01181753	114220
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RE506826	115821	TY24436	115314	01163758	113467	01181976	112071
RE507943	114195	TY24437	115625	01163985	110641	01182027	113949
RE508922	113900	TY24438	110942	01164049	110766	01182037	114289
RE509106	111888	TY24441	113983	01164668	110536	01182038	113768
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01183677	112071	1179318	112555	1182760	114873	OK55218400A	113327
01183679	114475	1179470	112041	1182761	114838	OK55318300	112334
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01183714	114475	1179756	114077	1182968	114783	OK55518300A	112334
012041381	115590	1179882	112343	1182974	114475	OK55918300	116096
012270187	111978	1179896	113991	1183033	115355	OK60118400	114762
012270612	111978	1179897	112183	1183126	114303	OK60A18400	114762
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36100-42300	111912	37300-2B600	115692	37300-42871	113519	OK55518300	112334
36100-42350	113445	37300-2B610	115692	37300-42C12	111929	OK55518300A	112334
36100-42450	113445	37300-2B700	116192	37300-42C13	111929	OK55918300	116096
36100-45501	115751	37300-2B710	116192	37300-42Q00	111929	OK60118400	114762
36100-47600	111476	37300-2B750	116226	37300-42Q10	111929	OK60A18400	114762
36100-47650	111565	37300-2B760	116226	37300-45500	113506	OK64018300G	112506
36100-4A000	113937	37300-2F100	115747	37300-47400	113343	OK65B18300A	114766
36100-4A010	113937	37300-2F200	115632	37300-47450	113343	OK6S818400	110818
36100-4X210	114732	37300-2G100	114827	37300-47451	113343	OK71118400	110389
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36100-72000	114343	37300-2G500	115603	37300-47501	113519	OK71118400C	110389
36100-83010	112342	37300-2W000	113903	37300-47502	113519	OK71F18400B	110389
36100-93010	113129	37300-32134	110804	37300-47503	113519	OK90018400	110808
37300-02503	113518	37300-32354	112333	37300-4A000	113792	OK90018400B	110808
37300-02550	113791	37300-32800	110804	37300-4A001	113792	OK90018400C	110808
37300-02551	113791	37300-33000	110802	37300-4A002	113792	OK95418400	110808
37300-02570	113791	37300-33010	110802	37300-4A003	113792	OK95618400	110810
37300-02600	115654	37300-33013	110802	37300-4A110	113792	OK95618400B	110810
37300-02605	115654	37300-33030	110802	37300-4A111	113792	OR20118300K	110706
		37300-33100	110804	37300-4A112	113792	OR20118400	110389

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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RF0918300	110699	600-813-3320	110656	600-863-5910	114396	15621-63013	110940
S0001250303	114892	600-813-3610	114166	673-181-2530	114340	15621-63014	110940
TM000A37201	113659	600-813-3611	114166	673-381-6510	114340	15621-63015	110940
AA10118400	111088	600-813-3612	114166	673-382-6510	114340	15621-64010	111195
		600-813-3613	114166	6738-82-6810	114693	15621-64011	111195
		600-813-3630	110555			15641-63013	110720
		600-813-3632	110555			15641-63014	113966
KOHLER		600-813-3681	110555	KUBOTA		15707-63011	110245
12-098-02	112244	600-813-3710	114166	11420-63011	113205	15741-63010	110447
12-098-03	112546	600-813-3711	114166	11420-63012	113205	15741-63011	110447
12-098-04	112244	600-813-3712	114166	11420-63013	113205	15763-64010	111195
12-098-05	112150	600-813-3730	114166	11420-63014	113205	15763-64011	111195
12-098-06	112150	600-813-3731	114166	12498-63010	113596	15763-64012	111195
12-098-08	112244	600-813-3732	114166	12499-63010	116149	15833-63010	115552
12-098-09	112150	600-813-4000	111212	15213-63013	110421	15833-63011	115552
1209810	113017	600-813-4410	111212	15221-63010	110245	15833-63012	115552
12-098-10	113017	600-813-4421	110656	15221-63015	110245	15852-63010	111475
12-098-12	112150	600-813-4470	113203	15221-63016	110245	15852-63011	111475
1209813	112244	600-813-4530	110555	15221-63017	110245	15852-63012	111475
12-098-13	112244	600-813-4531	110555	15221-63018	110245	15852-63013	111475
12-098-15	112244	600-813-4532	110555	15231-03012	110421	15881-64200	111048
12-098-19	112244	600-813-4533	110555	15231-63010	110421	15881-64201	111048
1209821	112150	600-813-4670	111020	15231-63011	110421	15881-64202	111048
12-098-21	112150	600-813-4671	111020	15231-63012	110421	16225-63013	110421
1209822	112244	600-813-4672	111020	15231-63013	110421	16231-24011	113921
12-098-22	112244	600-813-4680	114164	15231-63014	110421	16231-64010	113921
2009801	113854	600-813-4681	114164	15231-63015	110421	16231-64011	113921
20-098-01	113854	600-813-4682	114164	15231-63016	110421	16231-64012	111048
20-098-05	113854	600-813-4790	114164	15253-64010	111195	16235-63010	112547
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25-098-04	113017	600-813-6612	114164	15401-63011	110720	16235-63015	112547
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25-098-06	113017	600-813-7110	114166	15401-63013	110720	16241-64011	113921
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25-098-07	113017	600-813-7112	114166	15411-64011	110258	16285-63011	111622
25-098-08	112546	600-813-7113	114166	15425-63010	111197	16285-63012	111622
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25-098-09	112546	600-813-7221	114166	15425-63012	111197	16427-64012	113921
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32-098-03	114075	600-821-3850	113212	15425-63016	111197	16611-63010	111021
32-098-04	114075	600-821-5580	110562	15435-63012	110245	16611-63011	111021
41-098-04	111012	600-821-6110	110562	15461-63010	110720	16611-63012	111021
4109806	111012	600-821-6120	110562	15461-63011	110720	16611-63013	111021
41-098-06	111012	600-821-6130	110562	15461-63012	110720	16612-63011	110447
45-098-02	110510	600-821-6140	110562	15461-63013	113966	16612-63012	110447
45-098-03	110510	600-821-6150	110657	15461-63014	113966	16615-64011	114251
45-098-07	110510	600-821-6160	110562	15461-63015	110720	16652-63012	111197
4509809	110510	600-821-6190	110657	15471-64010	111195	16652-63013	111197
45-098-09	110510	600-821-9510	115533	15471-64011	110258	16661-63012	111299
45-098-12	110949	600-821-9530	115533	15501-63010	110245	16661-63013	110356
45-099-07	110510	600-821-9540	115533	15501-63011	110245	16661-63013	111299
51-098-01	110510	600-821-9542	115533	15501-63012	110245	16678-64011	113856
52-098-02	110949	600-821-9550	115533	15501-63013	110245	16678-64012	113856
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52-098-06	112831	600-821-9560	115533	15504-63010	110447	16695-63012	110447
52-098-09	110949	600-825-6110	115445	15504-63011	110447	16695-63013	110447
52-098-10	112831	600-825-6310	115445	15504-63012	110447	16705-64011	111048
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52-098-12	110949	600-825-7110	115533	15511-63011	110720	16791-64010	113921
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A236396	110510	600-825-9710	115534	15521-63012	110720	16853-63010	114485
A237131	110510	600-861-1611	114097	15527-63011	114711	16853-63011	114485
A237510	110510	600-861-1951	114403	15527-63012	114711	16871-63010	110447
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KOMATSU		600-861-6510	116055	15531-64016	114516	16945-64011	113921
155-016-3011	110245	600-863-1410	114332	15531-64017	114516	16945-64012	113921
155-216-3011	110720	600-863-1450	114747	15601-63010	110940	16945-64013	113921
160-976-1361	110421	600-863-3110	115954	15601-63011	110940	17121-63012	115552
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600-813-1721	110568	600-863-4110	114340	15611-63012	114259	17298-63010	110720
600-813-3111	111212	600-863-4130	114340	15611-63013	114259	17298-63013	110720
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
KUBOTA <i>Continued</i>							
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17311-63012	110245	37560-63011	110447	KAT3KCT22112B	110352	11471	114467
17331-63010	110245	37560-63012	110447	KAT3KT22214B	110350	11475	115306
17331-63011	110245	3A011-74012	111048	T2223701010	110348	11559	115320
17331-63012	110245	3A651-74010	114807	T222-3701010	110348	11578	115795
17341-63010	110720	60081-33240	113203	LANDROVER → ROVER GROUP			
17341-63011	110720	66436-64011	113921	LEECE-NEVILLE			
17341-63013	110720	67980-31151	113211	2300J	110937	11632	114751
17369-64011	110374	67980-31152	113211	2300JB	110937	11633	114902
17381-63012	110940	6A320-59212	114485	2300JC	110937	11765	111730
17381-63014	110940	6A830-59250	114657	2303JB	110801	12002	113412
17381-63015	110940	6C040-59252	114516	2360J	110937	12020	110563
17423-63010	112547	70000-65424	110421	2400J	110937	12024	110138
17423-63012	112547	70000-73490	110940	2400JB	110937	12029	110899
17490-63011	110720	70000-76500	110421	2500J	110937	12030	111180
17490-63014	111197	77700-06123	111021	2626J	113651	12030	116133
17490-64010	114263	E7194-63010	112546	2670J	113651	12031	110766
17490-64011	114263	E7194-63012	112546	2670JB	113651	12038	111948
17490-64012	114263	E7195-63010	114674	2700J	113651	12040	111289
17490-64014	114263	E7199-63010	110421	2700JB	113651	12041	111185
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17525-64011	113401	K3511-81410	110447	2800LJ	110937	12046	110770
17594-63012	110447	K3511-81411	114485	35259580	111221	12047	111740
19007-63011	110421	K3511-81412	114485	4425JA	110937	12048	111686
19013-63011	110940	K7561-61810	112547	4625JA	110937	12048	111686
19013-63012	110940	RC411-53200	115322	4725JA	110937	12053	110258
19090-17861	111021	RC411-53201	115322	4727JB	112560	12055	111195
19202-63011	110938	RC411-53202	115322	7064A	110937	12059	110801
19212-63011	110246	T1060-15680	113921	A001090517	113651	12060	111261
19212-63012	110246	T1060-15681	113921	A001090524	113651	12066	111215
19215-63010	110246	T1060-15682	113921	A001090546	113651	12066	111215
19215-63011	110246	T1065-15682	114751	A001090550	113651	12067	110258
19215-63012	110246	T1150-16800	115322	A001090557	113651	12068	111195
19260-64010	114256	T1150-16801	115322	A0012670JB	113651	12072	111738
19260-64012	114256	TA043-74012	114251	A0012670LC	113651	12073	111184
19269-19010	111021	KÄSSBOHRER					
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19269-63013	111021	7421341000	110895	BLD3314	115386	12079	110168
19279-64011	114256	7421348000	111629	BLD3314C	115386	12080	110620
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19279-64013	114256	7431027000	116040	BLP3317	115387	12086	111366
19293-63011	110421	LADA					
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19821-63011	110938	2105-3701010	110350	10930	115691	12094	112718
19836-77200	113401	2105370101010	110350	10931	113743	12096	112722
19837-63010	110421	2105370101010	110350	10932	114516	12103	111948
19837-63011	110421	21053708010	110352	10938	114657	12109	112270
19837-63012	110421	2105-3708010	110352	10939	115463	12110	113477
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19883-63011	113204	2108-3701010	110348	11002	112557	12111	112270
19883-63012	113204	21083701010	110348	11019	112079	12111	112270
1C010-63010	113551	2110-3708010	112304	11020	113652	12114	110448
1C010-63011	113551	21213-3708010	110352	11024	115796	12115	112270
1C010-63012	113551	21214-3701010	112191	11025	115797	12118	110694
1C010-64010	116109	2121-43701010	112191	11055	113782	12122	111948
1C010-64011	116109	221-3708000	110352	11078	115473	12125	110127
1C011-64010	114807	222-3701005	110350	11081	115708	12126	113347
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1G023-63010	113211	224-370701	110348	11102	111264	12130	113543
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1G069-63010	112547	37.3701	110348	11191	115737	12134	112097
1G069-63011	112547	3708000	110352	11202	114827	12135	111419
1G090-64010	113856	4233708	110352	112547	112547	12136	112068
1G772-63010	115378	4253708	110352	11281	116186	12138	111495
1G911-63012	114333	5702.3708	112304	11343	115340	12140	111168
1K012-63010	114167	5722.3708	110352	STARTERS & ALTERNATORS			
1K012-63011	114167	9412.3701	112191	O.E.M. names and numbers are used for reference purposes only.			
1K012-63012	114167	CT221128	110352				
34070-16081	113893	CT22112B	110352				
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34070-75601	113921						
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12177	111710	12585	112159	13327	111264	13692	111806
12179	113921	12650	114190	13329	111264	13700	111285
12180	110620	12653	114679	13334	110631	13701	111309
12182	110564	12656	112721	13335	110631	13702	111405
12183	111018	12656	114251	13336	111279	13703	111406
12184	111018	12664	111872	13338	111435	13707	110923
12185	111018	12667	112205	13339	111435	13709	112529
12186	111017	12670	115385	13341	113063	13709	116129
12187	110629	12671	114664	13351	111406	13710	111850
12188	110620	12697	116114	13355	112529	13718	111384
12189	111048	12728	112559	13355	116129	13719	112067
12190	113921	12745	113971	13356	112194	13734	112193
12192	114188	12748	115995	13357	112806	13742	113071
12195	111830	12756	115803	13359	112194	13751	112328
12197	111048	12770	115794	13361	112693	13753	111779
12198	111048	12774	114683	13367	112734	13754	111468
12199	111048	12775	114113	13374	110913	13761	111873
12199	113921	12776	114191	13376	111354	13763	113365
12204	114515	12780	114681	13380	111353	13774	112193
12217	110766	12782	114379	13381	111477	13783	112327
12218	110766	12791	114698	13384	113085	13785	111237
12219	113470	12805	114466	13385	112102	13786	112362
12223	111216	12807	114085	13397	111705	13787	112328
12224	113716	12816	115848	13414	111610	13788	111807
12239	111366	12823	116023	13415	111279	13792	113489
12251	110562	12851	115633	13416	111279	13793	112530
12260	110562	12852	114403	13417	112557	13797	112530
12264	115780	12874	115586	13419	112746	13798	113486
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12270	111048	13014	112098	13429	110911	13801	112072
12271	111048	13056	110358	13432	111342	13802	112078
12272	112375	13058	110899	13440	111435	13803	112530
12273	111186	13059	111397	13441	111293	13814	111478
12278	110134	13068	111397	13442	111193	13815	112426
12281	112768	13075	110611	13446	111315	13816	111478
12286	110179	13077	110358	13450	111375	13818	111902
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12291	111361	13094	110360	13456	110496	13822	113358
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12298	110641	13109	110911	13470	112687	13848	111873
12306	111355	13113	110877	13474	111264	13849	113340
12307	111355	13128	110048	13482	111579	13850	112075
12309	110448	13137	111035	13485	111678	13851	112079
12311	113310	13138	111086	13491	111199	13852	111353
12318	114807	13140	110138	13494	113085	13857	115791
12324	113418	13143	110445	13499	111517	13870	113803
12333	113716	13147	110913	13501	112101	13873	113607
12346	114218	13153	110358	13503	111517	13882	112193
12349	115793	13193	110105	13509	111285	13884	113302
12350	114813	13194	111649	13523	111237	13889	113634
12352	114518	13196	110664	13549	111264	13893	113954
12355	113715	13203	112736	13551	111579	13900	113420
12356	113742	13204	110882	13552	113089	13901	111381
12367	110621	13205	110890	13557	111468	13903	111820
12372	113531	13206	110882	13559	111807	13908	115789
12376	111833	13207	112742	13564	112977	13921	112399
12379	112529	13208	111226	13594	113235	13922	113751
12379	116129	13213	111279	13596	111406	13925	115788
12384	112425	13214	110967	13597	111406	13926	115787
12387	113351	13227	111342	13605	111479	13930	112399
12388	113448	13232	110682	13606	111352	13931	113283
12389	113351	13234	111435	13607	111076	13932	113283
12390	113600	13240	110682	13608	111285	13933	112399
12405	112112	13243	112734	13613	111369	13935	113563
12407	110048	13244	112746	13614	111807	13942	112002
12410	110052	13245	111193	13622	111988	13946	111989
12411	111397	13249	110802	13623	112806	13947	112002
12412	111397	13250	110631	13625	112765	13948	113656
12417	111658	13251	110632	13637	111704	13951	113283
12425	110540	13265	110927	13639	111381	13952	113273
12432	114079	13266	111578	13649	113035	13953	114836
12438	113921	13271	110802	13655	111352	13961	115935
12459	114084	13289	110804	13656	111479	13966	113712
12468	115792	13294	111609	13657	111381	13970	112193
12470	114043	13297	110664	13658	111353	13971	111873
12518	116075	13316	110967	13664	111946	13972	111883
12550	113763	13321	111435	13667	113089	13973	113657



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LESTER <i>Continued</i>							
13974	115307	14783	111149	16578	110411	16940	110158
13995	116020	14792	111139	16579	110142	16941	110315
13997	113272	14797	110919	16583	110245	16946	110720
14000	111139	14818	111288	16584	110280	16949	111112
14013	110178	14820	111149	16586	110396	16954	111054
14014	110178	14821	111154	16595	110336	16956	111010
14023	111204	14824	110923	16597	110367	16957	110368
14024	110179	14843	110628	16598	110152	16961	111069
14029	110178	14844	110496	16605	110462	16966	110394
14030	110179	14848	110496	16605	116137	16969	110810
14037	111185	14849	111705	16606	110462	16971	111310
14049	110759	14852	110675	16606	116137	16975	112214
14050	111185	14857	110675	16608	110462	16975D	112214
14052	110048	14858	110697	16608	116137	16975M	112214
14054	111204	14862	115432	16614	110490	16977	111442
14057	110912	14875	112149	16619	111066	16978	111544
14061	111139	14882	110631	16629	111224	16980	111490
14071	110913	14921	111082	16635	111224	16984	112660
14088	111184	14949	110641	16637	110421	16990	113725
14129	110137	14988	112750	16645	110720	16993	110249
14184	110138	14989	111578	16647	110940	17005	112541
14189	110133	15005	110483	16650	110720	17006	111349
14194	110133	15017	110482	16657	110485	17009	111120
14213	110128	15018	110483	16658	110627	17010	110807
14223	110128	15027	110484	16659	110529	17011	110842
14231	110264	15268	111225	16660	110438	17025	111059
14249	110514	15269	111225	16664	110818	17027	110246
14267	110805	15401	110484	16668	110818	17028	110447
14282	111397	15411	111919	16669	112136	17030	111060
14293	110912	15421	113144	16674	110411	17038	111851
14294	111035	15422	113145	16675	110411	17040	112440
14299	110168	15423	113146	16686	111100	17043	110862
14303	110168	15435	113148	16696	111451	17044	111683
14375	110137	16121	111102	16702	110367	17059	111451
14390	112098	16122	111102	16706	110411	17068	111069
14391	111141	16133	110336	16708	110149	17071	111573
14394	110881	16184	110336	16710	110485	17072	110565
14395	111153	16186	110336	16711	110277	17073	110523
14396	112729	16191	112296	16731	111451	17074	110536
14408	110913	16197	110156	16737	110260	17074	116139
14410	110913	16201	110155	16739	111683	17075	110536
14412	111035	16203	110144	16755	110367	17075	116139
14415	111139	16205	110142	16756	110367	17077	112660
14421	110881	16207	110156	16758	110411	17081	111275
14436	110659	16209	110277	16771	110386	17084	111764
14449	110496	16210	110256	16774	110278	17086	113478
14502	110258	16211	110142	16775	110279	17092	110522
14510	110258	16215	110421	16790	110411	17093	110813
14515	110137	16216	110421	16791	111475	17094	110533
14516	110137	16217	110152	16793	110292	17095	111755
14571	110136	16218	110152	16794	110256	17096	110947
14572	111139	16220	110396	16795	110182	17097	112178
14578	110563	16222	110152	16797	110585	17098	111021
14585	110267	16223	110154	16798	111005	17099	110485
14587	110168	16225	110154	16805	110277	17100	110626
14589	110168	16231	110154	16823	110396	17103	114309
14592	110458	16238	110152	16830	110708	17106	110525
14594	110931	16258	110421	16831	110411	17108	110512
14597	112270	16271	110156	16833	110397	17110	113668
14605	111148	16353	111054	16840	111442	17111	110529
14611	111705	16360	111054	16843	110249	17112	111004
14622	114464	16363	112249	16853	110809	17113	110530
14643	111428	16369	110537	16854	111461	17114	110530
14647	110168	16372	110531	16857	110389	17115	110940
14648	110697	16400	110367	16858	110149	17116	110938
14652	110307	16408	110865	16859	110149	17126	110813
14663	110707	16445	110368	16863	110158	17131	111241
14674	110496	16450	110363	16864	110315	17132	110810
14678	110675	16458	110856	16873	113194	17134	111059
14679	111428	16463	112295	16884	112214	17135	111489
14683	110496	16464	111047	16889	111451	17136	111001
14684	110965	16466	110367	16895	110709	17138	111120
14687	112270	16484	111066	16896	110581	17140	111400
14690	110811	16488	110367	16905	111442	17141	110933
14698	110318	16500	110157	16914	111442	17144	111063
14730	110697	16514	110158	16922	110149	17145	111023
14739	110679	16522	110157	16924	110182	17146	111459
14755	110927	16546	110858	16933	110810	17147	111312
14757	110927	16548	110864	16935	110415	17157	110587
14758	110675	16563	111755	16938	110315	17166	110394
14779	110913	16566	111752	16939	110811	17167	111241

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
17170	111552	17507	111241	17778	111769	18141	110720
17171	110713	17508	112818	17779	111382	18142	110940
17176	110572	17528	113108	17780	112005	18144	110720
17181	110808	17533	113169	17781	111909	18145	113893
17184	110640	17537	111679	17782	110847	18146	110356
17185	110811	17546	113402	17783	112300	18147	110356
17192	110810	17548	113114	17790	113613	18148	110246
17194	110394	17552	111490	17796	113638	18151	111387
17197	111492	17559	112846	17820	112429	18153	115552
17211	110158	17564	112301	17821	113613	18154	111197
17213	110158	17573	113116	17822	113613	18159	114260
17219	110640	17578	112276	17827	113659	18163	111272
17220	111241	17580	111312	17839	113642	18171	111273
17223	112131	17589	110961	17841	114419	18175	110940
17228	111752	17591	113398	17851	115616	18180	110490
17229	112135	17592	111970	17852	113282	18183	111189
17234	112052	17605	111765	17866	113618	18186	110260
17236	111911	17606	110246	17870	113821	18190	110580
17246	111608	17609	110436	1787-0	113821	18194	111254
17256	110713	17616	110944	17879	111349	18197	113239
17257	111793	17619	110940	17882	113642	18198	113172
17263	111544	17622	113172	17897	113820	18201	110485
17278	110154	17628	112546	17900	113392	18203	112478
17281	112295	17630	115625	17908	113819	18204	112374
17288	110958	17639	110439	17909	113795	18205	110485
17291	113141	17643	115572	17914	113819	18206	112674
17295	111312	17644	110443	17920	113513	18207	110417
17300	110552	17646	110462	17922	114740	18209	111706
17302	113428	17646	116137	17931	115359	18210	113408
17303	113132	17647	110465	17958	114137	18216	110485
17307	111885	17649	110615	17982	115341	18219	113408
17311	112036	17650	110460	17988	114820	18220	111219
17315	111404	17651	110460	17989	115569	18221	110538
17316	111047	17652	111346	18004	111197	18223	110209
17317	112342	17653	110819	18005	110999	182-243	111641
17318	112041	17654	112670	18006	111000	18225	110539
17320	110527	17659	111001	18009	113596	18230	111855
17321	110212	17660	110438	18010	114823	18230	116128
17325	110529	17662	112215	18012	113597	18232	112071
17326	110530	17663	111865	18013	110485	18236	112173
17353	113429	17670	110847	18019	111021	18237	110519
17354	110421	17671	113119	18021	110999	18238	111300
17355	110245	17678	114775	18022	110347	18239	112323
17362	110942	17678	115502	18024	112074	18241	110576
17363	110245	17679	113665	18026	112555	18243	112342
17365	110962	17685	112368	18029	110529	18245	111913
17367	110938	17688	111312	18030	110517	18253	110208
17368	110820	17695	111382	18031	110517	18254	112670
17372	113725	17698	111851	18032	110520	18257	113850
17375	110485	17699	111347	18033	110518	18261	110464
17376	113203	17701	110587	18035	112175	18262	110459
17380	110941	17702	111911	18038	110347	18263	110444
17382	111087	17704	110808	18045	114719	18264	110462
17383	113681	17705	111865	18048	116149	18264	116137
17389	113725	17707	113119	18050	110573	18266	114674
17399	110961	17709	111307	18051	112374	18275	111197
17407	112309	17713	111382	18055	112373	18276	111224
17410	111851	17717	111552	18056	111098	18277	110356
17415	111748	17723	111451	18058	113191	18278	111136
17416	111749	17724	111900	18059	110616	18279	111534
17425	111485	17728	113392	18061	110719	18280	110723
17437	111108	17729	113398	18062	110616	18284	110723
17445	110810	17730	111347	18063	110444	18285	110723
17453	111865	17732	113040	18064	110412	18287	113210
17459	116071	17733	113038	18065	111574	18289	110565
17462	112489	17746	113629	18067	110820	18290	113408
17465	111492	17749	111349	18078	110656	18291	110412
17466	111764	17750	111900	18086	111212	18293	110573
17467	113044	17751	112321	18088	114166	18296	111559
17468	112897	17754	113618	18090	110521	18298	110573
17469	110810	17755	111900	18091	110520	18299	110412
17480	111552	17761	113638	18092	110521	18305	111840
17481	110713	17762	113521	18093	110518	18310	114675
17483	110713	17763	113020	18096	110182	18313	114261
17484	113222	17764	113020	18100	112649	18314	111766
17486	113169	17765	111730	18104	110656	18319	112008
17492	110249	17770	111848	18107	111020	18327	111274
17496	112214	17772	111971	18110	110617	18328	111690
17497	112553	17774	112367	18113	110210	18329	111926
17501	110811	17776	113392	18125	110568	18330	112010
17506	111241	177763	113020	18139	113696	18332	111922

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LESTER <i>Continued</i>							
18336	111927	18943	112173	23501	114809	3270	112586
18337	111921	18944	113670	23542	114700	32706	113678
18343	113429	18949	112534	23544	114841	32716	113977
18349	115992	18951	113181	23693	112207	32720	114776
18350	112246	18954	113900	23756	113537	32729	113929
18358	110856	18955	114021	23804	114121	32730	114482
18360	111851	18972	114394	23808	113904	32737	113933
18360	112440	18973	114479	23853	113710	32738	114161
18361	112442	18982	113208	23886	114699	32747	115329
18365	112172	18984	113723	23905	114082	32750	114764
18367	115697	18985	113732	23905	116043	32791	113925
18369	112034	18991	115425	23914	114884	32798	115589
18370	115324	18992	115323	23955	114881	32803	114742
18371	110524	19019	115822	23962	115304	3295	110347
18375	110210	19033	114746	23973	115544	32965	114071
18376	110980	19036	114178	24020	115305	3300	112267
18377	112119	19038	114488	24037	113791	33085	112336
18378	110532	19092	115361	24068	115308	33165	114885
18379	110535	19107	114686	24100	114292	33181	115362
18381	110523	19161	115322	30027	114185	33230	115327
18386	111793	19162	114485	30058	114266	33231	115361
18387	113534	19169	114678	30072	115567	33246	113860
18388	111218	19188	115968	30160	115725	33269	114171
18392	112116	19545	115802	30163	112290	33276	114661
18393	110214	19601	110245	30172	114307	33281	115627
18394	111272	19602	114855	30200	115685	33283	113931
18395	112177	19603	115525	30203	115376	33296	115573
18398	113551	19612	114716	30244	116024	33307	114232
18399	112010	19614	114224	30253	114677	33315	114526
18403	114486	19615	114891	30270	115729	33326	114692
18408	113429	19622	115450	30304	115574	33330	114690
18410	110411	19644	115993	30401	115774	33331	115375
18414	110447	19648	115595	30404	115727	33336	115328
18415	111915	19668	111015	30492	114816	33338	115732
18416	111918	19669	111015	3052	110999	3339	110436
18417	113211	19670	111015	3054	110999	3353	111224
18420	111917	19698	114867	3059	111000	3367	111224
18421	112011	19708	114874	3063	111000	3368	111224
18422	111755	19749	112291	3074	111000	3370	110999
18424	113207	19786	114860	3098	112089	3374	110436
18426	114197	19805	114278	30993	112340	3502	110414
18427	114400	19806	115352	3130	110226	3505	110218
18436	111917	19820	114527	3131	110226	3508	110216
18444	114687	19825	114275	3132	110224	3508M	110216
18447	114685	19848	114222	3134	111213	3510	110216
18449	113132	19859	115821	3138	111213	3510M	110216
18455	113983	19872	114712	3148	110230	3535	110221
18456	115314	19876	116076	3149	110228	3548	111277
18460	111332	19880	115465	3153	110225	3550	111277
18461	110814	19897	114891	3162	110225	3553	110113
18462	110519	19906	111683	3168	110225	3560	111258
18467	112249	19917	114168	3175	112963	3563	110221
18470	112034	19920	115535	3182	110225	3571	110221
18480	110545	19942	115954	3184	112963	3601	113611
18486	113727	19963	113985	3188	112016	3627	111258
18490	114213	19975	113995	3191	112963	3631N-PG	110216
18490	114253	20013	115365	3205	111183	3664	112897
18491	112676	20035	115576	3207	110509	3689	111258
18502	111029	20095	116107	3209	110231	3691	112897
18512	113663	20111	116164	32207	114856	3696	110218
18513	113231	20113	115315	3224	111844	3720	110569
18521	110656	20122	114832	3227	111844	3744	112089
18533	115817	20129	115834	3231	113222	3745	111000
18535	112544	20150	112151	3238	113222	3757	111000
18539	114893	20224	114303	3239	111844	3760	112089
18541	114445	20291	115798	32452	114125	3767	112089
18542	113669	20385	115832	32474	114123	3785	110999
18571	113550	20453	114882	3250	110223	3800	112897
18596	113538	21514	114779	32533	114762	3823	111000
18600	113538	22148	114828	32545	114814	3824	111000
18630	115755	22169	114129	3257	110223	3838	112897
18638	114715	22721	114876	32580	114051	3876	111190
18645	113528	22721	116309	3261	112235	3902	110347
18662	114104	23190	115790	3262	112340	3948	110999
18727	113540	23200	115752	32620	114060	3955	110999
18754	113546	23216	114187	3263	111374	3958	112089
18756	113545	23243	116017	32667	113931	3962	112089
18870	113681	23246	114468	3267	112646	3972	111224
18886	114182	23326	113903	3268	111183	3974	112089
18905	116078	23353	114877	32690	114144	3977	110569
18941	113654	23358	115370	32691	114237	3978	112089

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
3980	112089	5751	112313	6382	111224	6686	110436
3987	110436	5754	112565	6383	111224	6687	110436
3991	111224	5755	110510	6386	112255	6688	110436
3999	110436	5756	111012	6387	111224	6703	111374
4*814	112089	5757	110949	6392	111224	6713	111049
4000	111221	5758	113591	6393	112255	6723	111123
4162	112233	5761	110510	6399	112255	6724	111848
4167	110469	5763	113592	6401	111127	6726	111684
4196	110590	5764	112830	6403	112255	6728	111259
4202	111190	5769	112829	6405	113695	6737	111760
4224	111190	5770	112244	6407	111786	6744	112546
4233	110491	5771	112150	6409	111786	6764	110347
4234	110468	5774	112831	6410	111224	6765	116151
4246	110468	5775	113017	6416	111034	6779	110999
4249	110216	5776	113539	6419	111034	6780	110999
4254	110469	5777	113853	6420	112233	6789	111699
4274	110590	5796	113854	6423	110216	6791	112239
4275	112660	5801	114075	6425	110216	6792	111786
4276	112268	5802	113017	6440	112233	6794	115740
4280	110602	5917	115406	6442	112897	6803	114013
4297	112233	5918	113594	6449	112240	6804	113550
4304	112232	5919	113476	6459	112169	6806	113550
4337	110506	5922	114888	6468	112341	6822	113550
4339	112233	5930	114520	6469	112341	6823	115447
4383	110506	5932	114519	6470	112897	6824	113550
4389	111041	5933	114517	6471	112904	6825	113550
4392	112268	5936	115591	6477	112904	6833	113827
4398	110472	5937	115592	6479	112897	6837	114330
4426	110218	5951	113593	6481	112900	6904	115801
4438	111190	6148	110469	6482	112906	6911	113550
4455	111259	6157	110602	6483	112912	7006	110074
4600	110347	6166	112268	6485	112241	7024	110236
4611	112089	6167	111041	6488	112902	7078	110237
4635	112089	6168	111222	6489	112902	7107	110075
4746	110999	6179	110590	6490	112905	7111	110075
4791	111000	6188	112243	6492	112902	7117	110075
4894	112243	6203	112089	6494	112902	7122	110075
4927	110347	6207	110999	6508	111000	7127-12	110233
4960	111221	6208	111000	6511	112089	7127-3	110233
4963	110590	6224	110436	6513	112089	7127-6	110505
4987	110999	6229	112089	6519	110604	7127-9	110505
4997	112243	6230	111000	6525	110436	7134-12	110235
5092	112249	6232	110999	6526	110999	7134-3	110235
5200	111861	6241	112243	6528	112089	7134-6	110235
5234	111043	6243	112089	6536	112267	7134-9	110235
5265	111043	6245	110347	6541	110604	7137-12	110235
5268	110636	6246	110436	6544	110999	7137-3	110235
5270	111043	6252	110436	6548	113153	7137-6	110235
5278	110647	6253	110436	6551	112089	7137-9	110235
5279	110240	6254	110436	6554	112089	7145-6	110492
5281	110647	6260	111000	6557	110999	7150	110508
5285	110644	6269	112169	6560	111786	7150-72	110505
5287	110648	6287	113695	6562	111786	7152	111250
5290	111043	6289	112255	6563	111699	7154-12	110505
5295	110648	6292	112243	6570	111221	7160	110591
5320	111000	6293	112243	6571	110602	7164	110235
5397	110644	6294	112255	6572	112268	7165-12	110075
5399	110654	6300	111699	6573	112267	7176	110952
5401	110654	6310	110221	6574	111760	7177-12	110505
5708	110648	6313	111034	6575	110604	7178-3	110505
5712	111043	6317	110221	6576	110590	7179	110952
5713	110647	6328	110221	6578	111383	7185-12	110233
5716	110647	6338	110221	6581	111222	7185-3	110504
5718	110240	6339	110221	6582	111760	7186-12	110505
5719	110644	6343	112341	6583	112267	7186-3	110505
5722	110644	6346	113435	6584	111041	7195	110505
5723	112145	6349	110436	6586	110602	7197	110300
5724	112247	6352	112089	6588	112268	7198-12	110505
5726	112826	6354	112243	6589	113452	7199-12	110505
5732	110636	6356	112089	6594	112652	7239	110937
5734	112146	6358	112243	6598	113435	7240	111261
5736	110648	6359	112243	6600	112668	7241	111261
5739	110636	6360	110999	6615	112233	7251	110937
5741	112157	6361	110999	6616	112232	7252	110591
5742	110634	6369	110999	6618	110436	7254	111261
5743	110635	6370	111000	6636	110436	7263	112261
5744	112242	6371	110436	6638	115347	7266	112989
5745	111804	6372	110436	6646	112608	7272-12	110233
5746	112563	6378	110999	6656	111374	7272-3	110505
5747	112566	6379	112255	6670	113703	7272-6	110508
5749	112312	6380	112255	6672	110347	7272-9	110508

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LESTER <i>Continued</i>							
7273-12	110471	7802-11	110984	8196-7	112888	58401940	111015
7273-3	110471	7802-3	110984	8200	112615	58401990	114052
7273-3R	110508	7802-7	110502	8200-11	112615	58402060	114741
7273-6	110508	7804-11	110502	8201-5	112884	58402090	114052
7273-9	110471	7806-2	112880	8203-5	112893	58402180	113706
7273-9R	110508	7817-3	110724	8206-5	111712	58402230	112034
7273-R	110508	7819-11	110503	8211-5	112893	58402240	115816
7276	110937	7830	110471	8217-3	111854	58402280	115697
7282-3	110233	7830-3	110471	8219-5	112893	58402610	115344
7282-9	110505	7830-3R	110471	8227	111712	58402670	115537
7290-12	110492	7830-9	110471	8227-5	111712	58402680	115344
7290-3	110492	7853	111713	8228-7	112868		
7290-6	110492	7853-6	111713	8231	112665	LUCAS	
7290-9	110492	7854-9	110235	8231-5	112665	004001C01	113683
7292-3	110471	7858-11	110498	8233	111223	063102021010	114123
7292-3R	110471	7861-11	112640	8237	112853	114360	114360
7292-9	110508	7861-7	110500	8238	112850	1-2507-01ND	113803
7292-9R	110471	7867-11	110498	8239	111426	16ACR	110178
7294	110471	7880-11	110499	8247	112850	22250	110482
7294-12	110471	7884-11	112640	8252	112954	22255	110483
7294-3	110471	7886-11	110503	8253	112956	22258	110482
7294-6	110471	7888-11	111090	8259	112961	22259	110483
7294-9	110471	7888-7	111090	8260	112958	22259D	110483
7294-R	110505	7890-11	110984	8261	112959	22272	110482
7296	110801	7897-11	110986	8264	112958	22295	110482
7300	110937	7902-11	110986	8273	112850	22297	110482
7305	110427	7914-11	111220	8274	112853	22615	110512
7331	110427	7917-11	110985	8281	113498	22700	110482
7339	110408	7921-11	110500	8282	113498	22700L	110482
7359	110422	7921-3	111711	8291	112850	22700R	110482
7379	110408	7921-7	112338	8292	113777	22703	110483
7380	110408	7925-11	110985	8340	110937	22703F	110483
7383	110408	7933-11	110503	8341	110937	22703K	110483
7392	110173	7937-7	110724	8342	110937	22703L	110483
7427	110408	7938-7	110724	8370	111576	22703M	110483
7461	110408	7964-11	111220	8391	110173	22704	110482
7467	110801	7964-7	111220	8392	112294	22704A	110482
7475	110408	7965	112265	8393	110937	22704D	110482
7478	110487	7972	112447	8415	110175	22704H	110482
7479	110487	7973	112447	8416	110176	22704J	110482
7480	110488	7974-7	110985	8419	110937	22704L	110482
7481	110488	7975	112265	8421	110173	22704O	110482
7484	110487	7976	111232	8422	110176	22705	110482
7498	110408	7977-11	110502	8460	113685	22705F	110482
7499	110408	7981-7	110500	8465	114172	22705L	110482
7505	110236	8003	112160	8466	113692	22708	110483
7509	110236	8012	111232	8469	113694	22715	110482
7546	110514	8013	111232	8483	114412	22715E	110482
7549	110514	8019	111232	8532	113710	22715F	110482
7564	112993	8021	111232	8568	114864	22715H	110482
7585	110173	8022	112995	8649	115386	22715J	110482
7602	110937	8027	111232	8721	116010	22715K	110482
7608	110937	8029	112996	8722	115680	22717	110482
7611	110937	8030	112992	8826	113683	22719	110483
7612	110937	8050	113549	9007	110505	22719H	110483
7614	110937	8052	110422	9045	110505	22719J	110483
7642	112160	8053	110422	9070	110505	22725	110482
7644	113432	8055	110937	9446	110505	22733	110483
7669	111232	8056	110408	9913	110505	22733B	110483
7670	111232	8057	110937	9928	110505	22733E	110483
7671	111232	8062	110591	9970	110233	22733J	110483
7673	111232	8071	112824			22742	110482
7679	111232	8072	112824	LETRIKA → ISKRA			
7681	112996	8076	112834	LOMBARDINI			
7685	112995	8078	112824	02050913	114784	22742E	110482
7686	111232	8079	112834	11572610	111662	22742K	110482
7735-10	111252	8098	115520	11572610	116131	22747	110482
7739	111252	8103-7	111220	1157326	114411	22747A	110482
7740	111252	8108	110682	563R0540	112497	22747B	110482
7748	112936	8112-5	112884	563R0610	115697	22748	110482
7750	111199	8114-3	111854	58101330	111015	22748A	110482
7759	111199	8127-11	112886	58400070	112039	22748B	110482
7768	111200	8130-11	110499	5840142	112171	22754	110482
7770	112936	8160	112614	58401420	112171	227542	110482
7773	112942	8160-11	111223	5840147	115816	22756	110484
7775	112939	8160-7	112614	58401470	115816	22756A	110484
7787	112946	8165-11	110500	58401760	113177	22756B	110484
7788	112951	8165-3	111711	58401910	114053	22756C	110484
7790	112940	8165-7	110500			22756D	110484
7795	112947	8166-11	111090			22756E	110484
7796	112949	8172-7	112888			22756G	110484
						22756H	110484
						22758	110484

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
22758A	110484	23576D	110179	23618	111184	23645B	110179
22758E	110484	23581	110178	23618A	111184	23646	110179
22761	110484	23581A	110178	23618B	111184	23646A	110179
22761B	110484	23581E	110178	23618D	111184	23646B	110179
22761E	110484	23582	110969	23618E	111184	23647	110178
22762	110484	23582A	110969	23619	111184	23647A	110178
22762B	110484	23582B	110969	23619A	111184	23647B	110178
22762E	110484	23582D	110969	23619D	111184	23647D	110178
22764	110484	23583	110179	23620	110178	23648	110178
22764A	110484	23583A	110179	23620A	110178	23648A	110178
22764E	110484	23583B	110179	23620B	110178	23648B	110178
22765	110482	23584	110178	23620D	110178	23649	110178
22765B	110482	23584A	110178	23620E	110178	23649A	110178
22765J	110482	23585	110179	23621	110178	23649B	110178
22767	110482	23585A	110179	23622	111185	23650	110178
22767D	110482	23590	110178	23622A	111185	23650A	110178
22767F	110482	23590A	110178	23622B	111185	23650B	110178
22769	110484	23590D	110178	23623	110178	23651	110178
22769B	110484	23590E	110178	23623A	110178	23651A	110178
22769D	110484	23590H	110178	23623B	110178	23652	110179
22775	110482	23591	110179	23623D	110178	23652A	110179
22775A	110482	23591A	110179	23623E	110178	23652B	110179
22775E	110482	23591D	110179	23624	110179	23653	110179
22780	110483	23591E	110179	23624A	110179	23653A	110179
22780A	110483	23592	110179	23624B	110179	23653B	110179
22780B	110483	23592A	110179	23625	110178	23654	110179
22780D	110483	23592D	110179	23625A	110178	23654A	110179
22783	110484	23592E	110179	23625B	110178	23654B	110179
22783A	110484	23593	110178	23626	110179	23655	110179
22785	110482	23593A	110178	23626A	110179	23655A	110179
22785A	110482	23593D	110178	23626B	110179	23655B	110179
22785D	110482	23593E	110178	23627	110178	23656	110179
22788	110483	23595	110178	23627A	110178	23656A	110179
22788A	110483	23595A	110178	23627B	110178	23656B	110179
22789	110482	23597	110178	23629	110179	23657	110179
22789A	110482	23597A	110178	23629A	110179	23658	110178
22791	110483	23597B	110178	23629B	110179	23658A	110178
22791A	110483	23597D	110178	23629D	110179	23658B	110178
22792	110484	23598	110178	23630	110178	23659	110179
22792A	110484	23598A	110178	23630A	110178	23659A	110179
23544	110178	23598B	110178	23630B	110178	23659B	110179
23544A	110178	23600	110179	23630E	110178	23660	110178
23544F	110178	23600A	110179	23631	110179	23660A	110178
23544H	110178	23600B	110179	23631A	110179	23660B	110178
23548	110178	23602	110178	23631D	110179	23661	110178
23548A	110178	23602A	110178	23632	110179	23661A	110178
23548D	110178	23602B	110178	23632A	110179	23661B	110178
23548E	110178	23603	110178	23632E	110179	23661D	110178
23554	110178	23603A	110178	23634	110178	23662	110178
23562	110178	23603B	110178	23634A	110178	23662A	110178
23562A	110178	23603D	110178	23634D	110178	23662B	110178
23562B	110178	23605	110178	23635	110178	23662D	110178
23562D	110178	23605A	110178	23635A	110178	23663	110179
23565	110178	23605D	110178	23635D	110178	23663A	110179
23565A	110178	23605E	110178	23636	110178	23663B	110179
23565B	110178	23606	110178	23636A	110178	23663D	110179
23566	110178	23606A	110178	23636B	110178	23664	110178
23566A	110178	23606D	110178	23636D	110178	23664A	110178
23568	110179	23606E	110178	23637	110178	23664B	110178
23568A	110179	23606F	110178	23637A	110178	23665	110179
23569	110178	23609	110179	23637B	110178	23665A	110179
23569A	110178	23609A	110179	23637D	110178	23665B	110179
23569B	110178	23609B	110179	23640	110178	23666	110178
23570	110178	23610	110178	23640A	110178	23666A	110178
23570A	110178	23610A	110178	23640B	110178	23666B	110178
23570B	110178	23611	110179	23640D	110178	23667	110969
23572A	110179	23611A	110179	23641	110179	23667A	110969
23572B	110179	23612	110178	23641A	110179	23667B	110969
23572D	110179	23612A	110178	23641B	110179	23667D	110969
23573	111185	23614	110178	23641D	110179	23668	110178
23573A	111185	23614A	110178	23642	110178	23668A	110178
23573B	111185	23614B	110178	23642A	110178	23668B	110178
23573D	111185	23614D	110178	23642B	110178	23668D	110178
23574	110179	23616	111184	23643	110178	23673	111184
23575	110178	23616A	111184	23643A	110178	23673A	111184
23575A	110178	23616B	111184	23643B	110178	23673B	111184
23575B	110178	23616D	111184	23644	110179	23674	110178
23575D	110178	23617	111185	23644A	110179	23674A	110178
23576	110179	23617A	111185	23644B	110179	23674B	110178
23576A	110179	23617B	111185	23645	110179	23675	110179
23576B	110179	23617D	111185	23645A	110179	23675A	110179

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
23675B	110179	23706D	110178	23740B	111185	23774A	110178
23675D	110179	23707	110179	23741	110178	23774D	110178
23676	110178	23707A	110179	23741A	110178	23775	110179
23676A	110178	23707B	110179	23741B	110178	23775A	110179
23676B	110178	23708	110178	23742	110178	23775D	110179
23676D	110178	23708A	110178	23742A	110178	23777	110178
23677	111185	23708B	110178	23743	110178	23777A	110178
23677B	111185	23709	111185	23743A	110178	23777B	110178
23678	110178	23709A	111185	23743B	110178	23778	110178
23678A	110178	23709B	111185	23745	110178	23778A	110178
23678B	110178	23709D	111185	23745A	110178	23778D	110178
23678D	110178	23711	110178	23747	110178	23779	111185
23679	110178	23711A	110178	23747A	110178	23779A	111185
23679A	110178	23711D	110178	23748	110178	23779D	111185
23679B	110178	23712	110179	23748A	110178	23780	110179
23679D	110178	23712A	110179	23748E	110178	23780A	110179
23680	113574	23713	110178	23749	110968	23780E	110179
23680A	113574	23713A	110178	23750	110178	23781	110179
23680D	113574	23713B	110178	23750A	110178	23781A	110179
23683	111184	23713D	110178	23751	111185	23782	110178
23684	111185	23714	110178	23751A	111185	23782A	110178
23685	110178	23714A	110178	23751D	111185	23782D	110178
23685A	110178	23714D	110178	23752	110179	23783	113474
23685B	110178	23715	110178	23752A	110179	23783A	113474
23685D	110178	23715A	110178	23752B	110179	23785	110968
23686	110968	23715B	110178	23753	110178	23785A	110968
23686A	110968	23715D	110178	23753A	110178	23786	110969
23686B	110968	23716	110178	23753B	110178	23786A	110969
23687	110179	23716A	110178	23754	110179	23793	110179
23687A	110179	23716D	110178	23754A	110179	23793A	110179
23687B	110179	23717	110178	23754B	110179	23793B	110179
23690	110179	23717A	110178	23755	110178	23794	110179
23690A	110179	23717B	110178	23755A	110178	23794A	110179
23690B	110179	23717E	110178	23756	111185	23794D	110179
23691	111185	23718	110178	23756A	111185	23795	110178
23691A	111185	23718A	110178	23756D	111185	23795A	110178
23691B	111185	23718D	110178	23758	111184	23795D	110178
23692	111184	23719	111185	23758A	111184	23796	110178
23692A	111184	23719A	111185	23758B	111184	23796A	110178
23692B	111184	23719D	111185	23759	111185	23796D	110178
23693	111185	23720	111184	23759A	111185	23797	110178
23693A	111185	23721	111185	23759D	111185	23797A	110178
23693B	111185	23721A	111185	23760	111184	23797D	110178
23693E	111185	23723	110969	23760A	111184	23799	110178
23694	110178	23723A	110969	23760D	111184	23799A	110178
23694A	110178	23724	110178	23761	110178	23799B	110178
23694B	110178	23724A	110178	23761A	110178	23800	110179
23694E	110178	23725	110179	23761B	110178	23800A	110179
23695	110178	23725A	110179	23762	110178	23800D	110179
23695A	110178	23726	110178	23762A	110178	23801	110179
23695B	110178	23726A	110178	23762B	110178	23801A	110179
23695D	110178	23728	110178	23763	110179	23801B	110179
23696	110969	23728A	110178	23763A	110179	23802	110178
23696A	110969	23728D	110178	23764	110968	23802A	110178
23696B	110969	23729	110179	23764A	110968	23802B	110178
23696D	110969	23729A	110179	23765	111185	23804	110178
23697	113378	23729B	110179	23765A	111185	23804A	110178
23697A	111185	23730	110178	23765B	111185	23804D	110178
23697B	111185	23730A	110178	23766	111185	23805	110178
23697D	111185	23730B	110178	23766A	111185	23805A	110178
23699	110178	23731	110178	23766B	111185	23805E	110178
23699A	110178	23731A	110178	23767	111185	23806	111185
23700	110178	23734	110178	23767A	111185	23806A	111185
23700A	110178	23734A	110178	23767B	111185	23806B	111185
23700F	110178	23735	110178	23768	111184	23807	113378
23701	110179	23735A	110178	23768A	111184	23807A	111185
23701A	110179	23735B	110178	23768B	111184	23807B	111185
23701F	110179	23736	110179	23769	110178	23808	111185
23702	111184	23736A	110179	23769A	110178	23808A	111185
23702A	111184	23736B	110179	23769D	110178	23808F	111185
23702D	111184	23737	111185	23770	110179	23809	111184
23702E	111184	23737A	111185	23770A	110179	23809A	111184
23703	110178	23737D	111185	23770D	110179	23809B	111184
23703A	110178	23738	111184	23771	111185	23810	111184
23703B	110178	23738A	111184	23771A	111185	23810A	111184
23704	110179	23738D	111184	23771B	111185	23810B	111184
23704A	110179	23739	113378	23772	110178	23811	111185
23704B	110179	23739A	111185	23773	110179	23811A	111185
23706	110178	23739B	111185	23773A	110179	23811D	111185
23706A	110178	23740	113378	23773B	110179	23813	110178
23706B	110178	23740A	111185	23774	110178	23813A	110178

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23813D	110178	23848	111185	23916	110179	23974	110178
23813E	110178	23848A	111185	23916A	110179	23974A	110178
23814	113378	23850	110178	23917	110179	23983	111185
23814A	111185	23850A	110178	23917A	110179	23983A	111185
23814B	111185	23851	110178	23917B	110179	23984	111184
23814D	111185	23851A	110178	23918	110178	23984A	111184
23814E	111185	23852	110179	23918A	110178	23985	111185
23816	110178	23852A	110179	23919	110178	23985A	111185
23816A	110178	23852E	110179	23919A	110178	23986	111204
23816B	110178	23853	110178	23920	110178	23986A	111204
23818	110179	23853A	110178	23920A	110178	23989	110178
23818A	110179	23854	110179	23920B	110178	23989A	110178
23818D	110179	23854A	110179	23921	110179	23990	110178
23819	110179	23855	110178	23921A	110179	23990A	110178
23819A	110179	23855A	110178	23922	110179	23991	111204
23819B	110179	23855B	110178	23922A	110179	23991A	111204
23820	110179	23856	110179	23923	110179	23993	113378
23820A	110179	23856A	110179	23923A	110179	23993A	111185
23820B	110179	23857	111184	23924	111185	23994	111185
23821	110178	23857A	111184	23924A	111185	23994A	111185
23822	110179	23857B	111184	23925	111185	23994B	111185
23822A	110179	23857E	111184	23925A	111185	23995	110968
23822B	110179	23860	111184	23926	111184	23995A	110968
23823	110178	23860A	111184	23926A	111184	23996	113474
23823A	110178	23862	113474	23927	111184	23996A	113474
23823B	110178	23862A	113474	23927A	111184	23996D	113474
23824	110179	23864	111086	23928	111184	23999	111204
23824A	110179	23864A	111086	23928A	111184	23999A	111204
23824B	110179	23865	111948	23929	111289	23999B	111204
23825	110178	23865A	111948	23929A	111289	24013	113474
23825A	110178	23872	111184	23929D	111289	24013A	113474
23825B	110178	23872A	111184	23935	110969	24014	111204
23826	110969	23873	111185	23935A	110969	24014A	111204
23826A	110969	23873A	111185	23937	113474	24015	113474
23826B	110969	23874	110178	23937A	113474	24015A	113474
23827	110178	23874A	110178	23938	113474	24016	111204
23827A	110178	23878	110178	23938A	113474	24016A	111204
23827B	110178	23878A	110178	23939	110179	24017	111204
23828	111184	23880	111948	23939A	110179	24017A	111204
23828A	111184	23880A	111948	23940	110179	24019	111948
23828D	111184	23882	110968	23940A	110179	24019A	111948
23830	113378	23882A	110968	23941	110179	24022	111948
23830A	111185	23882B	110968	23941A	110179	24022A	111948
23830B	111185	23886	110178	23942	110178	24023	110179
23831	110178	23886A	110178	23942A	110178	24023A	110179
23831A	110178	23886B	110178	23943	113474	24024	111185
23832	110968	23889	110178	23943A	113474	24024A	111185
23832A	110968	23889A	110178	23944	110178	24024B	111185
23832B	110968	23890	111185	23944A	110178	24024D	111185
23833	113474	23890A	111185	23945	111185	24024E	111185
23833A	113474	23891	111185	23945A	111185	24024F	111185
23835	111948	23891A	111185	23946	111185	24026	111185
23835A	111948	23893	111185	23946A	111185	24026A	111185
23835E	111948	23893A	111185	23947	111184	24026B	111185
23837	110178	23895	110178	23947A	111184	24027	111086
23837A	110178	23895A	110178	23948	110179	24027A	111086
23837D	110178	23896	111289	23948A	110179	24027B	111086
23838	110178	23896A	111289	23949	110179	24028	111184
23838A	110178	23902	113474	23949A	110179	24028A	111184
23839	111185	23902A	113474	23950	110179	24031	110968
23839A	111185	23903	110178	23950A	110179	24031A	110968
23839B	111185	23903A	110178	23951	110179	24031B	110968
23840	110178	23904	110178	23951A	110179	24033	110107
23840A	110178	23904A	110178	23952	110179	24033A	110107
23841	111184	23905	111184	23952A	110179	24034	113474
23841A	111184	23905A	111184	23953	110179	24034A	113474
23842	111185	23906	111184	23953A	110179	24036	111185
23842A	111185	23906A	111184	23954	110179	24036A	111185
23843	110178	23909	110178	23954A	110179	24037	111289
23843A	110178	23909A	110178	23959	110178	24037A	111289
23843D	110178	23910	110179	23960	110179	24037B	111289
23844	110178	23910A	110179	23961	111184	24041	111078
23844A	110178	23911	110178	23961A	111184	24041A	111078
23844B	110178	23911A	110178	23962	110178	24041E	111078
23845	111185	23912	110179	23962A	110178	24041F	111078
23845A	111185	23912A	110179	23963	110179	24041H	111078
23845B	111185	23914	110178	23963A	110179	24044	110969
23846	113378	23914A	110178	23968	110968	24044A	110969
23846A	111185	23915	110178	23968A	110968	24045	110968
23847	110178	23915A	110178	23973	110178	24045A	110968
23847A	110178	23915B	110178	23973A	110178	24046	110891

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
24046A	110891	24115	111184	24185	111185	24235A	110968
24046D	110891	24115A	111184	24185A	111184	24235B	110968
24048	110179	24115F	111184	24186	111740	24235D	110968
24048A	110179	24118	111086	24186A	111740	24237	111184
24049	113574	24118A	111086	24186B	111740	24237A	111184
24049A	113574	24118H	111086	24186D	111740	24240	112238
24049B	113574	24118J	111086	24188	110607	24240A	112238
24051	110178	24119	111364	24188A	110607	24241	112238
24051A	110178	24119A	111364	24188B	110607	24241A	112238
24052	110178	24119H	111364	24188C	110607	24242	112238
24052A	110178	24123	111948	24188D	110607	24242A	112238
24054	111289	24123A	111948	24188E	110607	24242D	112238
24054A	111289	24123B	111948	24198	111366	24245	111355
24054F	111289	24123P	111948	24198A	111366	24245A	111355
24058	110178	24124	110107	24198B	111366	24245B	111355
24058A	110178	24124A	110107	24198D	111366	24246	111363
24059	110179	24124B	110107	24199	111289	24246A	111363
24059A	110178	24128	111289	24199A	111289	24246B	111363
24061	111185	24128A	111289	24199B	111289	24246F	111363
24061A	110178	24128D	111289	24199D	111289	24246J	111363
24061B	110178	24133	110179	24200	111364	24249	111362
24062	111086	24133A	110179	24200A	111364	24250	111740
24062A	111086	24133B	110179	24200B	111364	24250A	111740
24063	110968	24134	111185	24200D	111364	24250B	111740
24063A	110968	24134A	111185	24200E	111364	24256	111363
24063D	110968	24134E	111185	24202	111355	24256A	111363
24064	110969	24136	111289	24203	111035	24256B	111363
24064A	110969	24136A	111289	24203B	111035	24256C	111363
24064B	110969	24136F	111289	24204	110107	24259	111176
24065	111185	24137	111289	24204A	110107	24260	111364
24065A	111185	24137A	111289	24206	110891	24260A	111364
24065B	111185	24140	110178	24206A	110891	24260B	111364
24066	111184	24140A	110178	24206B	110891	24261	111362
24066A	111184	24141	110179	24206D	110891	24261A	111362
24066B	111184	24144	111289	24206F	110891	24262	111364
24066D	111184	24144A	111289	24206H	110891	24262A	111364
24067	113474	24145	111364	24207	111176	24264	110607
24067A	113474	24145A	111364	24207A	111176	24264A	110607
24067D	113474	24145D	111364	24208	110770	24264B	110607
24071	110968	24145E	111364	24208A	110770	24271	113920
24071A	110968	24149	111086	24208B	110770	24272	110770
24072	113378	24149A	111086	24209	111355	24273	111739
24072A	111356	24153	110179	24209A	111355	24273A	111739
24072B	111356	24153A	110179	24209B	111355	24274	111740
24079	113378	24156	111364	24211A	113378	24274A	111740
24079A	111185	24156A	111364	24213	111035	24276	110770
24082	111185	24156D	111364	24213A	111035	24276A	110770
24082A	111185	24156E	111364	24214	111035	24277	111362
24083	111184	24157	110770	24214A	111035	24277A	111362
24083A	111184	24157A	110770	24214B	111035	24286	111361
24087	111948	24157D	110770	24215	111362	24286A	111361
24087A	111948	24157E	110770	24215A	111362	24286F	111361
24087B	111948	24157F	110770	24217	111176	24289	111362
24087D	111948	24158	111355	24217A	111176	24289A	111362
24089	111289	24158A	111355	24217B	111176	24290	111738
24089A	111289	24158B	111355	24217E	111176	24290A	111738
24089F	111289	24158D	111355	24217F	111176	24291	111355
24090	113474	24161	112238	24219	111366	24291A	111355
24090A	113474	24161A	112238	24220	110891	24293	111623
24090D	113474	24161D	112238	24220A	110891	24293	111742
24091	110891	24165	111289	24220B	110891	24293	115890
24091A	110891	24165A	111289	24221	111176	24293A	111623
24091E	110891	24166	111204	24221A	111176	24293A	111742
24094	110178	24166A	111204	24221B	111176	24293A	115890
24094A	110178	24169	111366	24223	111368	24294	111355
24095	110178	24169A	111366	24223A	111368	24294A	111355
24095A	110178	24169E	111366	24228	112238	24294B	111355
24098	111289	24171	110641	24228A	112238	24296	111364
24098A	111289	24171A	110641	24229	110891	24296A	111364
24098F	111289	24177	111364	24229A	110891	24297	112238
24099	111185	24177A	111364	24229D	110891	24297A	112238
24099A	111185	24178	111364	24230	110607	24298	110770
24103	110178	24178A	111364	24230A	110607	24298A	111362
24103A	110178	24179	110178	24230B	110607	24299	111569
24108	110179	24179A	110178	24230E	110607	24300	110770
24108A	110179	24180	110179	24231	111368	24300A	110770
24112	111289	24180A	110179	24231A	111368	24318	111289
24112A	111289	24181	111289	24231D	111368	24318A	111289
24114	111184	24181A	111185	24233	110891	24322	112722
24114A	111184	24182	111184	24235	110968	24322A	112722
24114F	111184	24182A	111184	242358	110968	24322B	112722

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
24327A	111363	25112	111102	25288D	110831	26143P	110818
24332	111364	25138	111103	25288H	110831	26143Q	110818
24332A	111364	25138A	111103	25289	110336	26143R	110818
24334	111176	25138J	111103	25289A	110336	26145	110439
24334A	111176	25147	111102	25289D	110336	26145A	110439
24356	111355	25147A	111102	25289H	110336	26145F	110439
24356A	111355	25147B	111102	25289J	110336	26145H	110439
24374A	111623	25147D	111102	25331	110831	26145N	110439
24374A	111742	25147E	111102	25331A	110831	26147	110462
24374A	115890	25147H	111102	25331B	110831	26147	116137
24380	112238	25149	111103	25331D	110831	26147A	110462
24380A	112238	25149B	111103	25333	110831	26147A	116137
24387	111355	25149D	111103	25333A	110831	26147H	110462
24390	111355	25149H	111103	25335	110336	26147H	116137
24396	111623	25196	111102	25335A	110336	26147J	110462
24396	111742	25196A	111102	25335B	110336	26147J	116137
24396	115890	25196F	111102	25345	111102	26147M	110462
24400	111740	25201	111103	25345A	111102	26147M	116137
24403	111176	25204	110336	25356	110831	26148	110443
24405	111368	25204A	110336	25356A	110831	26148A	110443
24406	111569	25204E	110336	25357	110336	26148F	110443
24407	112722	25204H	110336	25357A	110336	26148H	110443
24408	110770	25204L	110336	25368	110831	26148N	110443
24409	111368	25205	110336	25368A	110831	26151	110442
24411	111361	25205A	110336	25372	114650	26151A	110442
24413	111569	25205J	110336	25372A	114650	26151F	110442
24418	111361	25205L	110336	25648	110336	26151H	110442
24448	111740	25206	110831	25648A	110336	26151N	110442
24450	112722	25206J	110831	25648K	110336	26153	110464
24454	110770	25206T	110831	25681	111865	26153A	110464
24479	113763	25208	110336	25681A	111865	26153H	110464
24480	113763	25208A	110336	25681D	111865	26153J	110464
25016	111103	25208E	110336	25692	113745	26153N	110464
25022	111103	25219	112390	25692A	113745	26154	110439
25022F	111103	25219K	112390	25692F	113745	26154A	110439
25022Q	111103	25238	111102	25692H	113745	26154H	110439
25022R	111103	25238A	111102	25692J	113745	26154J	110439
25024	111103	25238E	111102	25696	111865	26154L	110439
25024044A	110441	25239	111103	25696A	111865	26154M	110439
25041	111103	25239A	111103	25696E	111865	26154N	110439
25061	111103	25239F	111103	25696H	111865	26166	110464
25061D	111103	25249	110336	25696J	111865	26166A	110464
25062	111103	25249B	110336	25696L	111865	26166D	110464
25063	111103	25249F	110336	25755	113745	26166E	110464
25065	111103	25250	110831	25755A	113745	26166L	110464
25071	111102	25250A	110831	25756	113745	26167	110818
25075	111102	25250D	110831	25756A	113745	26167A	110818
25079	111103	25250J	110831	26021103	110482	26167D	110818
25079A	111103	25255	110831	26021104	110483	26167E	110818
25079B	111103	25255A	110831	26021117	112650	26167L	110818
25079C	111103	25255D	110831	26021235	111185	26173	110818
25079D	111103	25255H	110831	26021276	113683	26173A	110818
25079E	111103	25257	110363	26021278	113683	26173B	110818
25079F	111103	25257A	110363	26024033A	113478	26173E	110818
25079H	111103	25257D	110363	26024070A	113670	26173F	110818
25079J	111103	25270	110336	26024242A	114821	26186	110439
25079X	111103	25270A	110336	26024243	111184	26186A	110439
25083	111102	25270K	110336	26025009B	110615	26186E	110439
25083A	111102	25270X	110336	26025016A	110368	26189	110462
25083E	111102	25271	110336	26025110A	111574	26189	116137
25083F	111102	25271A	110336	26025115	113670	26189A	110462
25083H	111102	25271F	110336	26025115A	113670	26189A	116137
25083J	111102	25272	110336	26025117A	110523	26189F	110462
25083X	111102	25272A	110336	26025128A	110442	26189F	116137
25085	111103	25272B	110336	26025136A	110524	26193	110438
25085A	111103	25272H	110336	26025198A	110440	26193A	110438
25085B	111103	25276	110831	26071	110818	26193D	110438
25087	111103	25276A	110831	26071H	110818	26196	110443
25088	111103	25276E	110831	26071J	110818	26196A	110443
25088A	111103	25277	110831	26133	110818	26196B	110443
25088B	111103	25277A	110831	26137	110462	26198	110442
25088E	111103	25277F	110831	26137	116137	26198A	110442
25088H	111103	25281	110831	26143	110818	26200	110439
25088J	111103	25281A	110831	26143A	110818	26200A	110439
25089	111102	25281B	110831	26143B	110818	26200B	110439
25092D	111103	25281E	110831	26143H	110818	26211	110462
25097	111103	25286	110363	26143J	110818	26211	116137
25105	111102	25286A	110363	26143K	110818	26211A	110462
25105A	111102	25286D	110363	26143L	110818	26211A	116137
25105B	111102	25288	110831	26143M	110818	26211A/L	110462
25105X	111102	25288A	110831	26143N	110818	26211A/L	116137

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
26211D	110462	26281F	110442	26338	110462	26376	111573
26211D	116137	26281H	110442	26338	116137	26376A	111573
26211E	110462	26281J	110442	26339	110462	26376K	111573
26211E	116137	26281R	110442	26339	116137	26376L	111573
26211H	110462	26283	110443	26339A	110462	26379	110462
26211H	116137	26283A	110443	26339A	116137	26388	110461
26211L	110462	26283F	110443	26339B	110462	26390	110813
26211L	116137	26283H	110443	26339B	116137	26390A	110813
26211M	110462	26283K	110443	26339D	110462	26390B	110813
26211M	116137	26284	110545	26339D	116137	26390E	110813
26211N	110462	26284E	110545	26339F	110462	26391	110439
26211N	116137	26285	110817	26339F	116137	26391A	110439
26211Q	110462	26285A	110817	26339H	110462	26394	110640
26211Q	116137	26285E	110817	26339H	116137	26395	110462
26211T	110462	26285F	110817	26339K	110462	26395	116137
26211T	116137	26286	110464	26339K	116137	26395A	110462
26211U	110462	26286A	110464	26341	110465	26395A	116137
26211U	116137	26286E	110464	26341A	110565	26395B	110462
26213	110462	26286F	110464	26341B	110465	26395B	116137
26213	116137	26286H	110464	26341D	110465	26395D	110462
26213A	110462	26286J	110464	26341J	110465	26395D	116137
26213A	116137	26288	110438	26342	110545	26395E	110462
26220	110439	26288A	110438	26342A	110545	26395E	116137
26220A	110439	26288E	110438	26342B	110465	26395H	110462
26227	110462	26288F	110438	26342D	110545	26395H	116137
26227	116137	26290	110813	26342K	110545	26398	112136
26227A	110462	26291	110462	26342L	110465	26398A	112136
26227A	116137	26291	116137	26343	111573	26398F	112136
26227D	110462	26294	110615	26343A	111573	26398H	112136
26227D	116137	26294A	111737	26343B	111573	26399	110462
26227E	110462	26294B	111737	26343D	111573	26399	116137
26227E	116137	26294D	111737	26343K	111573	26400	110444
26227F	110462	26294E	111737	26344	110819	26400A	110444
26227F	116137	26294F	111737	26345	110565	26400B	110444
26227H	110462	26294N	111737	26345A	110565	26400D	110444
26227H	116137	26294Q	111737	26345B	110565	26406	110565
26227J	110462	26295	114650	26345D	110565	26407	110461
26227K	110462	26295A	110460	26345J	110565	26408	110460
26227K	116137	26295B	110460	26349	110459	26408A	110460
26227N	110462	26295D	110460	26349A	110459	26408D	110460
26227N	116137	26295E	110460	26349B	110459	26408E	110460
26227Q	110462	26295F	110460	26349D	110459	26410	110565
26227Q	116137	26295M	110460	26349H	110459	26410A	110565
26227R	110462	26298D	111346	26351	111573	26410B	110565
26227R	116137	26304	111573	26352	110462	26411	110819
26227V	110462	26304A	111573	26352	116137	26411A	110819
26227V	116137	26304B	111573	26355	110461	26411B	110819
26233	110439	26304D	111573	26356	110461	26412	110439
26233A	110439	26305	113380	26357	111737	26412A	110439
26233B	110439	26305A	113380	26357A	111737	26414	111346
26233F	110439	26305B	113380	26357B	111737	26414A	111346
26233H	110439	26305D	113380	26357E	111737	26414E	111346
26233J	110439	26305H	113380	26357R	111737	26416	110459
26233K	110439	26305J	113380	26358	114650	26416A	110459
26233L	110439	26305N	113380	26358A	110460	26416D	110459
26233M	110439	26310	110817	26358B	110460	26416E	110459
26242	110545	26310A	110817	26358H	110460	26417	110525
26246	111573	26310D	110817	26359	111737	26418	110443
26246A	111573	26310E	110817	26359A	111737	26420	110459
26246E	111573	26310F	110817	26359B	111737	26422	110443
26246L	111573	26310H	110817	26359F	111737	26422A	110443
26246M	111573	26311	110465	26360	110465	26428	112660
26251048	111385	26312	113380	26364	110462	26428A	112660
26256	110440	26316	110462	26364	116137	26430	113380
26256963	110615	26316	116137	26365	110819	26430A	113380
26259	110440	26321	110440	26366	110565	26430D	113380
26259A	110440	26321A	110440	26366A	110565	26431	110465
26259K	110440	26321B	110440	26366F	110565	26431A	110465
26259L	110440	26321D	110440	26369	111737	26431B	110465
26259N	110440	26321F	110440	26369A	111737	26432	110545
26264	110439	26323	110565	26369H	111737	26433	112660
26265	110465	26323A	110565	26369J	111737	26436	110460
26267	111865	26329	113380	26371	110444	26436A	110460
26270	115572	26329A	113380	26371A	110444	26436B	110460
26273	110819	26329B	113380	26371D	110444	26587	111131
26274	110565	26329D	113380	26371E	110444	26600	111131
26275	114730	26329K	113380	26371F	110444	26601	111131
26278	110818	26329L	113380	26374	110460	26628	111030
26281	110442	26330	110462	26375	110443	26631	112390
26281A	110442	26330	116137	26375A	110443	26649	110831
26281E	110442	26336	112660	26375D	110443	26654	110831

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
26656	110831	27311E	112670	27472	110443	27533E	112136
26657	110831	27311H	112670	27473	110442	27537	110460
26660	113346	27315	112670	27474	110439	27537A	110460
26667	111303	27315A	112670	27474A	110439	27537B	110460
26678	111131	27315B	112670	27474B	110439	27539	110565
26679	111131	27315E	112670	27476	110464	27539A	110565
26680	111030	27401	110814	27477	110442	27539F	110565
26689	111750	27407	110442	27477A	114730	27540	110819
26690	113346	27408	110439	27478	110443	27540A	110819
26693	113346	27409	110439	27479	110442	27540H	110819
26694	113346	27409A	110439	27480	110439	27541	111346
26801	111865	27409B	110439	27485	110442	27541A	111346
26805	110842	27409D	110439	27486	110443	27541D	111346
26813	111608	27410	115572	27487	110442	27543	110459
26814	111303	27411	110442	27488	110439	27543A	110459
26814A	111303	27412	114730	27489	110464	27543D	110459
26814B	111303	27413	110818	27500	110462	27545	110459
26814D	111303	27413A	110818	27500	116137	27546	110819
26834	111608	27413D	110818	27500A	110462	27546A	110819
26841	111608	27415	110442	27500A	116137	27546B	110819
26845	111608	27415A	110442	27500J	110462	27547	111346
26913	110867	27415B	110442	27500J	116137	27553	113380
26914	110867	27415D	110442	27501	110461	27553A	113380
26914A	110867	27417	110443	27501A	110461	27553D	113380
26914F	110867	27417A	110443	27501B	110461	27554	110465
26917	110818	27417B	110443	27501E	110461	27554A	110465
26920	112277	27417D	110443	27502	111737	27554B	110465
26920A	112277	27419	110464	27502A	111737	27556	112660
26920E	112277	27419A	110464	27502D	111737	27559	110460
26921046	111185	27419D	110464	27503	114650	27559A	110460
26921168	113683	27420	110438	27503A	110460	27559E	110460
26921168A	113683	27420A	110438	27503D	110460	27564	111574
26925	110462	27420B	110438	27504	113380	27564A	111574
26925	116137	27421	110439	27504A	113380	27564F	111574
26925155A	110462	27423	110818	27504B	113380	27565	111346
26925155A	116137	27423A	110818	27506	110615	27565B	111346
26925155B	110462	27424	110817	27506A	110615	27565D	111346
26925155B	116137	27424A	110817	27506D	110615	27567	110461
26925159A	111310	27424B	110817	27507	113380	27568	111346
26925159B	111310	27425	110441	27507A	113380	27568A	111346
26925159E	111310	27425A	110441	27507B	113380	27569	110462
26925188A	110438	27425B	110441	27508	112660	27569	116137
26925188D	110438	27426	110462	27508A	112660	27569A	110462
26925189A	110439	27426	116137	27508B	112660	27569A	116137
26925189D	110439	27427	110817	27508D	112660	27570	111737
26925193A	110565	27427A	110817	27510	110565	27570A	110615
26925194A	110443	27427E	110817	27510E	110565	27570B	110615
26925194D	110443	27430	113381	27511	110465	27571	110819
26925196A	111346	27430A	113381	27511A	110465	27571A	110819
26925198A	110440	27430B	113381	27512	110545	27571B	110819
26925198D	110440	27431	110444	27512A	110545	27572	110565
26925200A	110441	27431A	110444	27512D	110545	27572A	110565
26925202B	112232	27431B	110444	27513	111573	27572B	110565
26925240A	110421	27432	110439	27513A	111573	27575	112660
26925262B	112660	27435	110443	27515	110565	27577	110461
26925316A	110615	27435A	110443	27515A	110462	27577A	110461
26925316B	110615	27440	110640	27515A	116137	27578	110565
26925519A	110565	27440A	110640	27518	110615	27580	110819
26935	110867	27440B	110640	27518A	110615	27582	110819
26935D	110867	27443	110459	27518B	110615	27583	110565
26941	110867	27446	110440	27518E	110615	27583A	110565
26942	110867	27446A	110440	27519	110460	27584	110819
26943	113752	27459	110439	27519A	110460	27585	110615
26945	113752	27459A	110439	27519D	110460	27586	112660
26946	113752	27460	110441	27520	110615	27587	110545
27002	111030	27460A	110441	27520A	110615	27587A	110545
27005	111131	27460B	110441	27520D	110615	27587B	110545
27006	111131	27463	110818	27522	110819	27588	110615
27014	111131	27463A	110818	27522A	110819	27589	111346
27018	112390	27463D	110818	27522D	110819	27590	111346
27022	111303	27464	110442	27523	110565	27592	110615
27034	113346	27465	110464	27523A	110565	27593	110819
27043	111303	27467	110443	27523D	110565	27593A	110819
27047	111303	27468	110440	27524	110615	27594	110565
27301K	112670	27468A	110440	27526	111573	27595	111574
27305	113484	27468B	110440	27526A	111573	27596	110615
27309	112670	27469	110439	27526D	111573	27598	111346
27309A	112670	27469A	110439	27529	110565	27599	110565
27309E	112670	27470	110439	27531	110461	27602	111346
27311	112670	27470A	110439	27533	112136	27603	110615
27311A	112670	27470B	110439	27533A	112136	27604	112660

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
27606	110565	54021988	110969	54022220	112238	54022389	111356
27607	110615	54021993	110178	54022222	110607	54022390	111738
27608	111346	54022001	113474	54022223	111368	54022391	110968
27609	110615	54022006	110178	54022224	111368	54022392	110770
27610	111346	54022007	113474	54022225	110770	54022393	112238
27614	110462	54022011	110179	54022226	110770	54022394	111623
27614	116137	54022014	110968	54022227	111364	54022394	111742
27620	111346	54022017	110178	54022228	111366	54022394	115890
27621	110615	54022032	110178	54022229	110770	54022396	111623
27625	110615	54022052	111364	54022232	111176	54022396	111742
27626	111346	54022053	111362	54022233	110891	54022396	115890
27627	111346	54022054	110968	54022234	111356	54022398	110770
27627B	111346	54022057	110770	54022235	111176	54022401	111366
27628	110615	54022058	112238	54022236	110891	54022402	111368
27629	111346	54022059	111356	54022238	110968	54022408	111355
2871A152	112112	54022060	111176	54022240	111035	54022409	110770
2871A157	112112	54022083	110178	54022241	111362	54022410	111356
35213725	110968	54022084	110179	54022242	110770	54022414	110770
35213730	110969	54022090	111364	54022243	111289	54022415	111569
40001C01	113683	54022097	110968	54022244	110770	54022418	111356
47020054	113713	54022101	111364	54022245	110770	54022419	110891
47020055	112112	54022108	110770	54022246	111366	54022420	111148
47020056	113713	54022109	110770	54022247	111368	54022426	110770
47020057	112112	54022117	110770	54022248	110607	54022428	111355
47020058	113713	54022118	110770	54022251	111176	54022431	110770
47020059	112112	54022119	111364	54022254	111738	54022432	110770
47020060	113714	54022123	111364	54022255	110770	54022437	112722
47020061	111510	54022127	111364	54022256	112238	54022438	110770
47020062	113713	54022128	111364	54022261	110968	54022439	110770
47020063	113713	54022130	110607	54022262	110770	54022443	112718
47020065	112112	54022137	110969	54022263	110770	54022445	110770
47020067	112112	54022140	112238	54022264	111366	54022448	111368
47020068	112112	54022142	111362	54022265	111366	54022449	111368
47020069	113713	54022143	110770	54022266	111364	54022458	110770
47020083	111510	54022145	111366	54022267	112238	54022459	112021
47020084	112112	54022147	111289	54022268	112238	54022466	113763
47020086	112112	54022148	111364	54022274	111366	54022469	113763
47020088	112112	54022151	111364	54022275	111176	54022474	111176
47020089	112112	54022152	111364	54022277	110770	54022481	111363
47020090	111510	54022158	110891	54022279	110891	54022483	110770
47044605	112317	54022159	111176	54022280	110770	54022495	111623
47044606	112318	54022160	111362	54022281	111176	54022495	111742
47044608	112317	54022160D	111362	54022282	110770	54022495	115890
47044616	112317	54022162	111176	54022283	110891	54022498	112021
47044617	112318	54022163	110770	54022285	111356	54022510	112238
47920141	112277	54022164	110770	54022286	110968	54022513	110607
47920166	112277	54022165	110178	54022287	111176	54022514	111176
529965EX	112660	54022166	111366	54022290	111176	54022516	110607
54021350	111185	54022167	110770	54022291	111356	54022517	111368
54021351	111184	54022171	111035	54022292	111363	54022518	111368
54021491	110178	54022173	111356	54022295	110770	54022519	111368
54021493	110179	54022176	111355	54022301	110607	54022524	113763
54021494	110178	54022178	110770	54022306	110770	54022527	112718
54021506	111356	54022179	112238	54022308	111361	54022528	112722
54021551	111184	54022182	111362	54022309	111176	54022529	112722
54021649	110975	54022183	111364	54022310	111363	54022530	112722
54021663	110968	54022184	110891	54022312	111176	54022532	112722
54021764	111184	54022186	110770	54022313	111356	54022536	110770
54021772	110968	54022187	111176	54022314	111176	54022537	111623
54021810	110179	54022188	110770	54022314B	111176	54022537	111742
54021813	110178	54022189	112238	54022317	111176	54022537	115890
54021831	110968	54022190	111356	54022330	111176	54022547	111623
54021845	110179	54022191	110770	54022335	111362	54022547	111742
54021850	110968	54022192	111176	54022336	111739	54022547	115890
54021851	112128	54022193	110770	54022337	111740	54022549	112698
54021853	110968	54022195	110770	54022340	110891	54022552	112238
54021868	110178	54022196	111366	54022341	110770	54022554	110770
54021873	111184	54022197	110891	54022342	111356	54022555	111623
54021879	111356	54022198	111176	54022344	110891	54022555	111742
54021879	113378	54022200	111355	54022346	111176	54022555	115890
54021898	110178	54022203	111368	54022348	110770	54022556	111623
54021917	110178	54022204	110770	54022349	110770	54022556	115890
54021918	110178	54022207	111366	54022351	110607	54022557	111623
54021919	111289	54022211	111362	54022374	110607	54022557	111742
54021920	110968	54022212	110770	54022375	111361	54022557	115890
54021921	111289	54022213	111364	54022379	111738	54022558	110607
54021953	110969	54022214	111356	54022382	111355	54022560	112722
54021955	111364	54022216	110770	54022383	110770	54022561	112722
54021985	110179	54022217	111356	54022384	110770	54022564	111623
54021986	110968	54022218	111364	54022385	111364	54022564	111742
54021987	111184	54022219	110770	54022388	110891	54022564	115890

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
54022565	111623	57020057	112112	LEA0007	111086	LEA0455	113407
54022565	111742	60021011	110968	LEA0010	111185	LEA0456	112199
54022565	115890	60021012	110969	LEA0011	111289	LEA0457	113245
54022572	111289	60021013	110968	LEA0012	113378	LEA0458	111718
54022575	111623	60021014	110968	LEA0013	113378	LEA0459	113253
54022575	111742	60021015	110969	LEA0017	111418	LEA0463	112058
54022575	115890	60021026	110975	LEA0017	115873	LEA0464	113405
54022578	111569	60021040	110968	LEA0028	111185	LEA0467	113722
54022579	111355	60021041	110969	LEA0029	110882	LEA0467	115963
54022580	112722	60021054	110972	LEA0030	111364	LEA0468	111626
54022581	111356	60021055	110972	LEA0031	111364	LEA0475	113720
54022582	111742	60021056	110972	LEA0032	111738	LEA0475	116064
54022583	111623	60021061	110969	LEA0034	111289	LEA0476	112471
54022583	111742	60021062	110968	LEA0036	111355	LEA0478	113631
54022583	115890	60021063	110975	LEA0037	110891	LEA0482	116023
54022584	111176	60021065	110969	LEA0038	112238	LEA0493	113640
54022585	111176	60021066	110968	LEA0039	110607	LEA0495	111658
54022586	111364	60021067	110975	LEA0042	111623	LEA0496	111631
54022588	111623	60021068	110975	LEA0042	111742	LEA0523	116126
54022588	111742	60210158	110968	LEA0042	115890	LEA0527	112098
54022588	115890	60210159	110969	LEA0044	111289	LEA0539	113751
54022589	111368	60210160	110969	LEA0046	110891	LEA0540	112461
54022590	110770	60210163	110968	LEA0047	110891	LEA0545	113956
54022591	112238	60210164	110968	LEA0048	111176	LEA0553	113657
54022593	111364	60210165	110968	LEA0049	111176	LEA0573	115621
54022595	111356	60210167	110968	LEA0055	111362	LEA0588	111514
54022598	111362	60921028	110969	LEA0056	111176	LEA0590	112097
54022602	111176	60921029	110968	LEA0058	110968	LEA0591	112142
54022603	110891	60921030	110968	LEA0059	111368	LEA0592	113316
54022604	110891	60921031	110969	LEA0060	112722	LEA0593	111686
54022606	113763	61920107	111185	LEA0061	110891	LEA0595	112958
54022608	111361	61920201	113376	LEA0065	111368	LEA0596	110912
54022610	111623	61920269	110890	LEA0066	111363	LEA0607	111654
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54022621	110770	61920314	111289	LEA0128	111356	LEA0630	114212
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54022654	111361	61924050	110536	LEA0168	111987	LEA0645	112129
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54022662	111361	61924051	110523	LEA0171	110348	LEA0650	113506
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54022668	111362	61924101	110315	LEA0178	112557	LEA0663	113284
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54022689	111623	66021101	110972	LEA0199	111710	LEA0667	113489
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54022695	111362	66021300	111315	LEA0214	112334	LEA0669	114789
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54022711	111569	A1752-2	112880	LEA0340	114114	LEA0674	111967
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54243441	110565	LEA0004	111289	LEA0451	110882	LEA0684	113922
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54292967	112277	LEA0006	111086	LEA0454	112468	LEA0686	113943



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
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LEA0691	114212	LES0128	112251	LES0380	114320	LRA00152	111204
LEA0691	115488	LES0130	112320	LES0381	113900	LRA00154	111096
LEA0694	112093	LES0135	110941	LES0385	112581	LRA00167	110137
LEA0697	113503	LES0140	110490	LES0389	114319	LRA00167	110138
LEA0700	114704	LES0141	113129	LES0403	116087	LRA00175	110138
LEA0701	115928	LES0169	111730	LES0405	113977	LRA00177	110969
LEA0702	114682	LES0173	111307	LES0406	114232	LRA00177	111176
LEA0707	110770	LES0174	111748	LES0407	115609	LRA00190	110611
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LEA0710	113718	LES0186	112172	LES0414	112438	LRA00190	112719
LEA0711	113992	LES0194	114762	LES0415	114849	LRA00190	116331
LEA0712	113188	LES0202	111760	LES0416	113446	LRA00192	110138
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LEA0762	116014	LES0212	113937	LES0455	113466	LRA00202	111086
LEA0766	114360	LES0216	113727	LES0456	113759	LRA002043	111495
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LEA0781	114392	LES0230	110813	LES0496	114297	LRA00220	111948
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LEA0786	115649	LES0237	111047	LES0522	114127	LRA00227	110128
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LEA0795	114250	LES0246	113933	LES0525	114740	LRA00228	111289
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LES0001	111573	LES0299	110585	LRA00102	110178	LRA00258	110318
LES0002	110465	LES0300	110933	LRA00103	111185	LRA00263	110318
LES0003	110817	LES0301	111251	LRA00104	110179	LRA00265	110133
LES0004	110443	LES0302	115442	LRA00104	110969	LRA00267	110743
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LES0006	110545	LES0304	113908	LRA00105	111184	LRA00270	111035
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LES0008	110818	LES0305	113910	LRA00106	111185	LRA00271	111180
LES0009	111737	LES0306	114161	LRA00107	110128	LRA00271	116133
LES0013	110565	LES0307	111851	LRA00109	111185	LRA00273	110178
LES0014	110640	LES0309	113959	LRA00109	113378	LRA00274	110178
LES0015	110439	LES0310	113931	LRA00112	110178	LRA00274	110179
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LES0020	110444	LES0312	113141	LRA00112	111653	LRA00274	110969
LES0021	110819	LES0313	110999	LRA00112	113758	LRA00274	111185
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LES0039	110523	LES0322	110573	LRA00127	110969	LRA00278	111289
LES0040	111737	LES0325	110436	LRA00129	110968	LRA00281	110975
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LES0064	112295	LES0337	112446	LRA00131	110968	LRA00296	110911
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LES0091	113134	LES0349	110866	LRA00142	110258	LRA00328	111153
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LES0095	112322	LES0355	113927	LRA00143	110360	LRA00336	110877
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRA00344	111705	LRA00460	110770	LRA00611	111662	LRA00821	110890
LRA00346	113376	LRA00460	111362	LRA00611	116131	LRA00821	110968
LRA00348	110168	LRA00461	110770	LRA00617	112098	LRA00823	110358
LRA00348	113793	LRA00461	110968	LRA00618	111141	LRA00829	110912
LRA00349	110168	LRA00461	111355	LRA00619	111653	LRA00829	111035
LRA00349	110307	LRA00462	110770	LRA00621	110105	LRA00832	111035
LRA00349	110458	LRA00462	111362	LRA00623	111141	LRA00832	111078
LRA00355	111289	LRA00462	111364	LRA00628	110360	LRA00833	110882
LRA00356	111185	LRA00462	112722	LRA00628	110913	LRA00833	110912
LRA00356	113378	LRA00463	111176	LRA00640	111289	LRA00833	111686
LRA00357	110179	LRA00463	112238	LRA00653	111366	LRA00836	112056
LRA00357	110759	LRA00464	111035	LRA00683	110458	LRA00837	112097
LRA00357	110969	LRA00464	111148	LRA00684	110136	LRA00839	112097
LRA00357	111086	LRA00469	111364	LRA00685	110133	LRA00841	110611
LRA00358	110178	LRA00471	111076	LRA00685	110264	LRA00844	110178
LRA00358	110179	LRA00474	111528	LRA00685	112270	LRA00844	110759
LRA00358	110969	LRA00474	111658	LRA00688	110496	LRA00844	111289
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LRA00358	111366	LRA00499	110805	LRA00693	111738	LRA00880	111169
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LRA00372	111086	LRA00517	111176	LRA00712	110890	LRA00893	110913
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LRA00399	110134	LRA00575	110632	LRA00765	112754	LRA00940	110607
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LRA00422	110911	LRA00585	112728	LRA00777	112728	LRA00951	111164
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LRA00444	110972	LRA00596	111148	LRA00780	111362	LRA00958	111355
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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LRA00975	110882	LRA01350	112093	LRA01674	112578	LRA01919	112196
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LRA00977	110895	LRA01356	111226	LRA01680	113786	LRA01922	112407
LRA00978	111146	LRA01359	111747	LRA01682	113519	LRA01924	112327
LRA00979	111629	LRA01372	113519	LRA01684	111883	LRA01925	113306
LRA00982	110895	LRA01375	111238	LRA01686	111264	LRA01926	111710
LRA00983	110913	LRA01385	111578	LRA01697	111018	LRA01928	113913
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LRB00183	112292	LRB00300	112097	LRB00441	112349	LRS00141	110338
LRB00184	112230	LRB00301	111890	LRB00442	111437	LRS00144	110336
LRB00186	112287	LRB00302	112561	LRB00443	113285	LRS00147	110545
LRB00187	111803	LRB00303	111515	LRB00444	113913	LRS00151	110462
LRB00188	111687	LRB00305	111888	LRB00446	112272	LRS00151	116137
LRB00192	111354	LRB00306	111658	LRB00447	111723	LRS00152	113745
LRB00193	111369	LRB00308	111963	LRB00448	112648	LRS00155	110464
LRB00194	111294	LRB00310	111987	LRB00449	113404	LRS00157	110818
LRB00195	111354	LRB00311	111893	LRB00451	112460	LRS00161	110520
LRB00196	111426	LRB00312	113485	LRB00452	112461	LRS00161	110615
LRB00196	111732	LRB00313	110706	LRB00453	113447	LRS00161	111737
LRB00197	112453	LRB00314	112202	LRB00454	113952	LRS00162	110460
LRB00198	112325	LRB00315	111812	LRB00455	113599	LRS00162	114650
LRB00199	111267	LRB00319	111514	LRB00456	112654	LRS00163	111269
LRB00200	112800	LRB00320	111369	LRB00458	111967	LRS00163	112290
LRB00202	111267	LRB00320	111514	LRB00459	113317	LRS00168	110336
LRB00205	111315	LRB00321	112165	LRB00460	112144	LRS00170	110442
LRB00206	112782	LRB00323	112679	LRB00463	111719	LRS00170	110565
LRB00207	112021	LRB00326	113471	LRB00467	112414	LRS00172	110438
LRB00210	111579	LRB00327	111689	LRB00470	112472	LRS00173	110565
LRB00211	111517	LRB00328	111413	LRB00473	113340	LRS00178	110793
LRB00212	111518	LRB00328	111689	LRB00474	112079	LRS00178	111066
LRB00213	111435	LRB00329	111689	LRB00474	114789	LRS00182	110640
LRB00214	111411	LRB00331	111318	LRB00475	112002	LRS00182	110813
LRB00214	111505	LRB00332	111318	LRB00475	115483	LRS00185	111347
LRB00215	113537	LRB00333	113604	LRB00478	112273	LRS00188	110144
LRB00216	111416	LRB00335	112467	LRB00481	112274	LRS00190	110439
LRB00217	112529	LRB00336	111598	LRB00482	111884	LRS00191	113172
LRB00217	116129	LRB00337	111518	LRB00485	112075	LRS00192	110365
LRB00218	112530	LRB00339	115652	LRB00486	111989	LRS00195	110615
LRB00219	112557	LRB00340	113770	LRB00486	115482	LRS00195	111737
LRB00221	111756	LRB00341	112093	LRB00487	112271	LRS00196	111865
LRB00222	112056	LRB00342	110701	LRB00490	111375	LRS00203	110856
LRB00223	112680	LRB00344	110620	LRB00492	112413	LRS00206	112651
LRB00224	113447	LRB00344	111048	LRB00493	112413	LRS00212	110462
LRB00225	111339	LRB00345	113832	LRB00494	112469	LRS00212	116137
LRB00230	111309	LRB00346	113832	LRB00497	113709	LRS00215	110442
LRB00230	111375	LRB00347	110622	LRB00500	113440	LRS00215	110565
LRB00232	111405	LRB00348	110622	LRB00501	112351	LRS00217	110421
LRB00234	111806	LRB00349	113486	LRB00502	113405	LRS00226	110152
LRB00234	112362	LRB00357	111795	LRB00503	113403	LRS00227	110277
LRB00235	111238	LRB00358	112143	LRB00504	112144	LRS00229	110160
LRB00236	111594	LRB00359	112142	LRB00505	112470	LRS00229	111054
LRB00237	111956	LRB00363	112709	LRB00507	112458	LRS00229	111489
LRB00238	111807	LRB00370	112203	LRB00509	112414	LRS00230	110462
LRB00239	113063	LRB00372	112806	LRB00511	112387	LRS00230	116137
LRB00243	112121	LRB00375	112557	LRB00513	113296	LRS00231	111100
LRB00249	111846	LRB00376	112557	LRB00514	111824	LRS00232	110565
LRB00250	111708	LRB00378	112406	LRB00515	112416	LRS00234	111585
LRB00252	111676	LRB00380	111532	LRB00518	112397	LRS00240	112660
LRB00254	111478	LRB00381	111797	LRB00606	111295	LRS00249	110142
LRB00256	112086	LRB00383	111824	LRB00627	111295	LRS00250	110154
LRB00257	114386	LRB00384	112021	LRB00628	111295	LRS00256	110367
LRB00260	112325	LRB00385	111988	LRB00630	111295	LRS00261	110444
LRB00261	111788	LRB00387	111820	LRD00100	110482	LRS00270	112390
LRB00262	111767	LRB00389	111828	LRD00100	110483	LRS00281	110396
LRB00266	111704	LRB00392	111873	LRD00101	110483	LRS00286	110352
LRB00267	110679	LRB00393	112193	LRD00103	110484	LRS00291	111068
LRB00269	111353	LRB00396	113577	LRD00109	111225	LRS00295	111068
LRB00270	111820	LRB00397	112199	LRD00157	116436	LRS00298	110831
LRB00271	112939	LRB00400	111718	LRS00101	111103	LRS00301	110439
LRB00274	111285	LRB00401	112059	LRS00102	111102	LRS00301	110819
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LRB00277	112687	LRB00406	112720	LRS00107	110465	LRS00304	110459
LRB00278	112687	LRB00407	113879	LRS00109	110831	LRS00304	110461
LRB00280	112688	LRB00408	113879	LRS00110	110831	LRS00305	110460
LRB00281	112703	LRB00411	111468	LRS00113	110462	LRS00320	110155
LRB00282	112772	LRB00413	111237	LRS00113	116137	LRS00320	110256
LRB00287	112698	LRB00418	113942	LRS00115	110462	LRS00322	110277
LRB00288	112698	LRB00419	111937	LRS00115	116137	LRS00328	111115
LRB00290	112722	LRB00420	112057	LRS00120	110817	LRS00334	110157
LRB00291	113763	LRB00423	111409	LRS00121	110367	LRS00336	110157
LRB00292	111802	LRB00427	111946	LRS00124	110443	LRS00336	110158
LRB00293	113632	LRB00430	113770	LRS00125	110142	LRS00343	111102
LRB00294	113632	LRB00431	114114	LRS00127	111103	LRS00344	111131

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
LRS00346	110585	LRS00558	111748	LRS00719	111442	LRS00839	110518
LRS00364	110142	LRS00559	111061	LRS00722	111310	LRS00839	110521
LRS00370	110858	LRS00560	111059	LRS00723	110713	LRS00840	110520
LRS00372	111112	LRS00563	110862	LRS00726	111544	LRS00840	110601
LRS00375	110465	LRS00564	111069	LRS00727	111805	LRS00841	110518
LRS00383	112541	LRS00565	111755	LRS00728	110354	LRS00841	110582
LRS00385	110152	LRS00566	111332	LRS00728	112439	LRS00842	110521
LRS00386	110864	LRS00568	111332	LRS00729	111489	LRS00843	110512
LRS00392	110278	LRS00569	111004	LRS00730	111029	LRS00843	110520
LRS00394	111728	LRS00570	111752	LRS00731	112131	LRS00843	110601
LRS00395	110280	LRS00571	114650	LRS00732	111131	LRS00845	110213
LRS00396	110256	LRS00574	110441	LRS00732	111750	LRS00847	110529
LRS00396	111452	LRS00578	110867	LRS00733	110867	LRS00847	110640
LRS00400	110279	LRS00582	110367	LRS00733	112290	LRS00848	110519
LRS00403	110479	LRS00589	110365	LRS00735	112295	LRS00848	110522
LRS00410	111068	LRS00592	110584	LRS00735	113481	LRS00849	111274
LRS00428	110411	LRS00592	116306	LRS00737	110584	LRS00850	110529
LRS00429	111136	LRS00594	110365	LRS00737	116306	LRS00850	110813
LRS00435	110525	LRS00604	111451	LRS00738	111136	LRS00854	110512
LRS00435	113482	LRS00605	110394	LRS00739	110461	LRS00860	110208
LRS00437	110996	LRS00607	110260	LRS00741	111387	LRS00861	110534
LRS00439	110809	LRS00609	110397	LRS00741	112336	LRS00862	110531
LRS00443	110520	LRS00611	111065	LRS00743	111421	LRS00863	110208
LRS00451	110365	LRS00611	112440	LRS00743	116327	LRS00865	110533
LRS00455	110867	LRS00614	111025	LRS00744	113389	LRS00874	110793
LRS00458	111068	LRS00615	111683	LRS00745	110842	LRS00878	110214
LRS00459	110587	LRS00617	111461	LRS00746	110212	LRS00883	110207
LRS00459	111070	LRS00620	110465	LRS00747	111640	LRS00884	110811
LRS00459	111130	LRS00621	110842	LRS00749	111130	LRS00885	110810
LRS00460	111063	LRS00624	110149	LRS00749	113443	LRS00886	112215
LRS00463	110367	LRS00625	110389	LRS00750	111911	LRS00887	112214
LRS00463	110866	LRS00626	110389	LRS00750	114118	LRS00888	111442
LRS00465	112295	LRS00627	110149	LRS00751	111070	LRS00890	115540
LRS00465	113481	LRS00627	110808	LRS00751	114460	LRS00891	113750
LRS00473	110315	LRS00631	113465	LRS00755	112235	LRS00892	112307
LRS00475	111070	LRS00632	111332	LRS00756	111131	LRS00893	112052
LRS00476	111070	LRS00633	113466	LRS00756	111750	LRS00893	112306
LRS00478	110839	LRS00638	113269	LRS00757	111131	LRS00896	111476
LRS00479	110465	LRS00639	111332	LRS00760	111030	LRS00898	111123
LRS00484	113380	LRS00640	111231	LRS00760	111131	LRS00899	113346
LRS00488	111451	LRS00641	111231	LRS00760	111269	LRS00911	112455
LRS00490	110421	LRS00648	110865	LRS00762	116139	LRS00915	111010
LRS00490	111475	LRS00649	112533	LRS00762	116312	LRS00917	110862
LRS00492	111214	LRS00650	111115	LRS00764	112119	LRS00919	110865
LRS00500	110182	LRS00651	111131	LRS00765	113468	LRS00920	110775
LRS00502	110386	LRS00653	111030	LRS00766	110981	LRS00921	110536
LRS00503	110144	LRS00654	110336	LRS00767	110980	LRS00921	116139
LRS00503	110585	LRS00654	111131	LRS00768	110709	LRS00921	116312
LRS00505	110585	LRS00654	111269	LRS00778	110532	LRS00922	110206
LRS00507	110708	LRS00655	110862	LRS00781	112286	LRS00922	110208
LRS00507	113936	LRS00655	111347	LRS00783	111694	LRS00923	110523
LRS00510	110386	LRS00656	111851	LRS00783	111900	LRS00923	113464
LRS00514	110402	LRS00657	110839	LRS00785	111748	LRS00925	110520
LRS00514	111385	LRS00658	110844	LRS00786	110386	LRS00925	114047
LRS00515	110158	LRS00661	111112	LRS00786	110719	LRS00928	110205
LRS00515	110315	LRS00661	111120	LRS00788	111131	LRS00930	110527
LRS00515	110479	LRS00662	111069	LRS00788	111750	LRS00932	110530
LRS00516	110158	LRS00665	111619	LRS00789	110807	LRS00940	110522
LRS00516	110315	LRS00671	110584	LRS00790	113847	LRS00940	113134
LRS00519	110565	LRS00671	116306	LRS00791	111749	LRS00944	110640
LRS00521	110865	LRS00672	113467	LRS00793	111312	LRS00944	113381
LRS00522	111010	LRS00673	110461	LRS00794	111000	LRS00945	110209
LRS00525	113745	LRS00673	112251	LRS00796	112132	LRS00946	110521
LRS00526	112455	LRS00675	111131	LRS00799	111231	LRS00949	111001
LRS00528	111060	LRS00681	112321	LRS00807	110772	LRS00951	115423
LRS00531	112541	LRS00683	110847	LRS00808	112172	LRS00956	112039
LRS00533	111063	LRS00684	110811	LRS00816	110368	LRS00956	115344
LRS00534	110368	LRS00688	110149	LRS00817	110512	LRS00957	115423
LRS00543	110831	LRS00688	110808	LRS00818	110524	LRS00960	110535
LRS00544	111131	LRS00697	112124	LRS00819	110206	LRS00960	113464
LRS00544	111750	LRS00704	111303	LRS00820	112249	LRS00962	111637
LRS00545	110249	LRS00706	111574	LRS00821	110537	LRS00963	111400
LRS00545	111442	LRS00707	111030	LRS00822	110537	LRS00964	112167
LRS00552	110462	LRS00708	113346	LRS00823	110531	LRS00965	111906
LRS00553	112136	LRS00709	111865	LRS00824	110512	LRS00966	112286
LRS00554	113381	LRS00710	111608	LRS00825	110210	LRS00967	111552
LRS00555	115572	LRS00711	111303	LRS00828	113846	LRS00968	110615
LRS00557	110149	LRS00711	111459	LRS00837	110517	LRS00968	111737
LRS00557	110808	LRS00715	111123	LRS00837	110521	LRS00969	111346
LRS00557	111310	LRS00715	111127	LRS00838	110814	LRS00971	112309
LRS00558	111059	LRS00715	111684	LRS00839	110517	LRS00972	112454

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRS00972	114233	LRS01180	111404	LRS01389	112221	LRS01567	113329
LRS00973	110575	LRS01184	111445	LRS01397	112016	LRS01568	112373
LRS00974	111534	LRS01188	110472	LRS01401	112341	LRS01569	113254
LRS00975	110279	LRS01189	110947	LRS01402	111273	LRS01570	116085
LRS00976	112251	LRS01190	111015	LRS01405	110223	LRS01571	112474
LRS00977	111900	LRS01197	110539	LRS01408	112267	LRS01573	114739
LRS00978	113701	LRS01198	110820	LRS01412	111786	LRS01575	114051
LRS00986	110582	LRS01202	115472	LRS01414	113757	LRS01576	111699
LRS00987	112555	LRS01204	110538	LRS01415	111703	LRS01579	111070
LRS00989	111422	LRS01206	116112	LRS01417	111724	LRS01580	112534
LRS00990	112321	LRS01207	114856	LRS01422	111855	LRS01581	112053
LRS00991	112537	LRS01211	110854	LRS01422	116128	LRS01582	112445
LRS00992	112235	LRS01216	111127	LRS01425	112276	LRS01588	112497
LRS00993	112340	LRS01220	111312	LRS01426	110941	LRS01589	112497
LRS00995	111455	LRS01223	111404	LRS01428	111300	LRS01591	111874
LRS00997	111251	LRS01225	110720	LRS01429	112546	LRS01592	112436
LRS01006	110818	LRS01230	110590	LRS01434	112040	LRS01593	113927
LRS01008	110438	LRS01232	112166	LRS01436	113445	LRS01595	111034
LRS01012	110245	LRS01236	111224	LRS01438	111442	LRS01604	115942
LRS01020	110292	LRS01237	110568	LRS01439	112172	LRS01607	110958
LRS01027	113482	LRS01246	110819	LRS01439	115816	LRS01609	112371
LRS01032	113705	LRS01248	113307	LRS01442	110617	LRS01610	113515
LRS01035	110551	LRS01250	111047	LRS01443	110421	LRS01617	113408
LRS01044	111398	LRS01253	111451	LRS01444	113207	LRS01620	110530
LRS01053	111001	LRS01254	111273	LRS01446	112217	LRS01622	112442
LRS01057	110536	LRS01256	110627	LRS01447	112036	LRS01622	116130
LRS01057	116139	LRS01265	111459	LRS01449	113206	LRS01623	113327
LRS01057	116312	LRS01272	112034	LRS01452	113313	LRS01624	114107
LRS01058	111224	LRS01274	110602	LRS01453	112322	LRS01626	110485
LRS01064	111217	LRS01275	111034	LRS01457	111855	LRS01627	113910
LRS01069	111332	LRS01276	112034	LRS01457	116128	LRS01632	113761
LRS01075	111793	LRS01279	112041	LRS01459	113629	LRS01636	113613
LRS01076	110412	LRS01283	110933	LRS01460	111971	LRS01638	113303
LRS01078	110573	LRS01286	110468	LRS01461	115951	LRS01640	113930
LRS01083	111332	LRS01287	111189	LRS01462	114160	LRS01643	112672
LRS01089	111755	LRS01289	112268	LRS01464	111190	LRS01643	116144
LRS01096	110793	LRS01292	110485	LRS01468	111272	LRS01646	111699
LRS01100	111047	LRS01294	111300	LRS01469	111766	LRS01647	112388
LRS01103	110522	LRS01296	112267	LRS01471	112441	LRS01651	115522
LRS01105	110412	LRS01297	111492	LRS01471	115505	LRS01655	113521
LRS01108	110246	LRS01300	111885	LRS01472	113638	LRS01656	113638
LRS01109	113482	LRS01304	113481	LRS01474	114123	LRS01659	112367
LRS01111	110719	LRS01306	111730	LRS01475	113446	LRS01662	114223
LRS01113	110389	LRS01308	112374	LRS01479	113314	LRS01666	113931
LRS01115	110573	LRS01308	116112	LRS01484	111755	LRS01667	113323
LRS01118	113307	LRS01309	111728	LRS01486	112135	LRS01672	113509
LRS01119	111108	LRS01310	111382	LRS01491	110713	LRS01673	113842
LRS01120	113924	LRS01312	110485	LRS01495	112846	LRS01674	113841
LRS01122	110506	LRS01313	112175	LRS01498	113968	LRS01676	114163
LRS01123	112173	LRS01314	112545	LRS01499	112440	LRS01678	114477
LRS01124	110417	LRS01316	111197	LRS01501	112374	LRS01679	114723
LRS01125	110485	LRS01317	111224	LRS01505	113725	LRS01680	114274
LRS01128	111706	LRS01318	110940	LRS01507	113794	LRS01682	115567
LRS01129	110720	LRS01319	110415	LRS01510	111334	LRS01686	114124
LRS01131	110933	LRS01321	110552	LRS01512	110961	LRS01687	114394
LRS01133	110421	LRS01322	112074	LRS01519	112014	LRS01700	114162
LRS01134	110551	LRS01324	111492	LRS01520	110460	LRS01701	113513
LRS01135	111021	LRS01326	110461	LRS01521	113044	LRS01702	112474
LRS01137	110356	LRS01327	110569	LRS01528	114240	LRS01712	113937
LRS01139	111475	LRS01328	112370	LRS01533	114762	LRS01714	114059
LRS01140	110292	LRS01330	114106	LRS01534	112217	LRS01715	113964
LRS01143	110292	LRS01339	112277	LRS01537	113481	LRS01716	114061
LRS01144	110813	LRS01340	111544	LRS01539	113459	LRS01720	114776
LRS01145	112178	LRS01343	112365	LRS01540	112430	LRS01726	113962
LRS01148	113408	LRS01344	111005	LRS01542	115950	LRS01727	114482
LRS01149	112246	LRS01348	110958	LRS01544	112178	LRS01729	113929
LRS01150	110808	LRS01351	113702	LRS01545	114814	LRS01736	116039
LRS01151	110144	LRS01353	113231	LRS01547	110940	LRS01737	113933
LRS01153	111098	LRS01359	112341	LRS01550	113974	LRS01738	114161
LRS01154	112173	LRS01360	111087	LRS01551	113965	LRS01744	113819
LRS01156	110866	LRS01361	111970	LRS01552	113282	LRS01745	113020
LRS01160	113846	LRS01363	111785	LRS01555	113644	LRS01748	112904
LRS01161	111130	LRS01367	111912	LRS01556	114123	LRS01750	114764
LRS01162	113924	LRS01372	115981	LRS01559	113481	LRS01767	112455
LRS01167	110810	LRS01374	112442	LRS01560	113618	LRS01768	110811
LRS01168	112674	LRS01376	113040	LRS01561	112291	LRS01775	113172
LRS01169	110447	LRS01379	112172	LRS01563	115609	LRS01776	113705
LRS01170	110574	LRS01382	113446	LRS01564	112444	LRS01781	110414
LRS01173	110469	LRS01384	110602	LRS01565	112676	LRS01786	112897
LRS01174	110551	LRS01386	111769	LRS01566	112218	LRS01787	110626
LRS01178	111304	LRS01387	110942	LRS01566	113932	LRS01788	111277

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS <i>Continued</i>							
LRS01789	111699	LRS01975	114053	LRS02166	114279	LRS02305	114820
LRS01791	113925	LRS01976	110813	LRS02168	113843	LRS02306	112304
LRS01794	111786	LRS01976	110813	LRS02170	110634	LRS02307	114232
LRS01794	115985	LRS01983	111054	LRS02173	114058	LRS02308	112547
LRS01797	110468	LRS01985	111752	LRS02174	113773	LRS02309	113797
LRS01800	111786	LRS01987	111054	LRS02180	112498	LRS02310	114180
LRS01800	115985	LRS01988	111752	LRS02183	114108	LRS02311	114525
LRS01801	114127	LRS01996	111070	LRS02185	112296	LRS02312	113797
LRS01801	116160	LRS02001	111451	LRS02186	113796	LRS02314	114159
LRS01802	110566	LRS02003	111694	LRS02190	110156	LRS02315	114526
LRS01806	110512	LRS02008	111120	LRS02194	114094	LRS02317	114298
LRS01807	111218	LRS02011	110368	LRS02196	114096	LRS02318	114054
LRS01812	111218	LRS02018	111728	LRS02199	114169	LRS02318	115516
LRS01813	112651	LRS02019	111127	LRS02205	111911	LRS02320	115569
LRS01818	113484	LRS02024	110336	LRS02208	114837	LRS02322	113672
LRS01829	110347	LRS02027	111442	LRS02210	112255	LRS02322	115881
LRS01835	110616	LRS02028	111851	LRS02212	114283	LRS02324	115405
LRS01839	113194	LRS02030	111544	LRS02217	113938	LRS02325	115398
LRS01840	110581	LRS02031	110368	LRS02222	113453	LRS02326	115938
LRS01842	111913	LRS02033	112306	LRS02223	113935	LRS02327	114317
LRS01843	110576	LRS02037	110842	LRS02223	115501	LRS02328	110552
LRS01845	112670	LRS02040	111131	LRS02224	114091	LRS02329	115943
LRS01848	113210	LRS02041	111525	LRS02227	113608	LRS02330	114690
LRS01853	116040	LRS02045	110443	LRS02228	111065	LRS02331	114315
LRS01856	112174	LRS02046	111608	LRS02231	115361	LRS02333	114068
LRS01859	111003	LRS02050	111284	LRS02233	113108	LRS02334	115982
LRS01861	110616	LRS02055	110808	LRS02235	114170	LRS02335	114177
LRS01862	110535	LRS02065	111475	LRS02241	113205	LRS02336	115597
LRS01873	112649	LRS02067	113132	LRS02242	110530	LRS02338	113926
LRS01881	110490	LRS02070	110713	LRS02243	113959	LRS02339	114283
LRS01886	113191	LRS02071	111685	LRS02244	113756	LRS02340	114341
LRS01889	112323	LRS02072	111451	LRS02244	116303	LRS02341	114073
LRS01890	112372	LRS02074	111421	LRS02245	115941	LRS02342	115328
LRS01891	112116	LRS02074	116327	LRS02246	113860	LRS02343	114020
LRS01893	111679	LRS02080	114199	LRS02249	114092	LRS02344	114692
LRS01894	113746	LRS02082	111564	LRS02252	113719	LRS02345	115336
LRS01896	112055	LRS02084	111848	LRS02252	115869	LRS02346	115542
LRS01897	111910	LRS02085	112336	LRS02253	114217	LRS02347	114746
LRS01899	112055	LRS02088	110354	LRS02254	115756	LRS02348	114029
LRS01901	113850	LRS02090	110587	LRS02258	114100	LRS02349	113303
LRS01903	112224	LRS02095	111422	LRS02258	115893	LRS02351	113821
LRS01905	111254	LRS02096	112214	LRS02261	114037	LRS02352	115947
LRS01907	111771	LRS02098	112295	LRS02263	113911	LRS02353	114057
LRS01908	113468	LRS02099	112006	LRS02263	116157	LRS02354	113746
LRS01910	111254	LRS02100	114460	LRS02264	115637	LRS02355	112646
LRS01910	111254	LRS02102	111865	LRS02265	114216	LRS02356	113977
LRS01911	111247	LRS02104	111422	LRS02267	115553	LRS02357	115770
LRS01917	112037	LRS02105	111347	LRS02268	113934	LRS02359	114878
LRS01918	112507	LRS02106	110584	LRS02269	114171	LRS02360	116045
LRS01919	113203	LRS02106	116306	LRS02272	113891	LRS02361	113570
LRS01923	113184	LRS02107	111123	LRS02272	115509	LRS02364	113669
LRS01925	113195	LRS02108	112295	LRS02273	113859	LRS02365	110839
LRS01928	112323	LRS02109	112818	LRS02274	113830	LRS02366	114817
LRS01930	112116	LRS02110	112368	LRS02274	115884	LRS02368	112083
LRS01936	112494	LRS02112	114126	LRS02275	114030	LRS02370	114178
LRS01938	112581	LRS02114	113659	LRS02276	114661	LRS02372	114875
LRS01941	113129	LRS02115	113276	LRS02277	113169	LRS02375	113696
LRS01942	113277	LRS02120	110152	LRS02278	112246	LRS02377	114093
LRS01943	112446	LRS02125	110862	LRS02279	113960	LRS02377	115512
LRS01943	116135	LRS02129	111475	LRS02280	114237	LRS02378	114031
LRS01945	113356	LRS02130	111131	LRS02281	115627	LRS02378	115892
LRS01946	110347	LRS02136	111489	LRS02283	113931	LRS02380	114125
LRS01947	113980	LRS02138	112455	LRS02284	114738	LRS02381	111552
LRS01950	113676	LRS02141	110209	LRS02285	114851	LRS02382	115538
LRS01950	115883	LRS02143	110205	LRS02286	115599	LRS02383	114816
LRS01952	113484	LRS02144	110517	LRS02287	114853	LRS02387	115641
LRS01953	111003	LRS02144	110521	LRS02289	113906	LRS02388	114444
LRS01954	113466	LRS02146	110212	LRS02291	114198	LRS02390	114886
LRS01957	112822	LRS02147	110212	LRS02292	113910	LRS02391	115559
LRS01957	115880	LRS02149	110208	LRS02294	114255	LRS02391	116054
LRS01958	112823	LRS02151	110534	LRS02295	113963	LRS02392	115638
LRS01958	115872	LRS02152	113466	LRS02296	115573	LRS02393	111844
LRS01961	113609	LRS02153	114047	LRS02297	114310	LRS02394	115402
LRS01962	114185	LRS02154	110524	LRS02297	115888	LRS02395	114183
LRS01964	114072	LRS02155	110206	LRS02298	114740	LRS02399	114056
LRS01965	114071	LRS02156	110582	LRS02299	114297	LRS02400	115961
LRS01968	113897	LRS02157	113979	LRS02300	113211	LRS02401	113984
LRS01970	112446	LRS02158	114523	LRS02301	114270	LRS02402	115312
LRS01970	116135	LRS02158	115514	LRS02302	114052	LRS02404	114869
LRS01972	113759	LRS02160	113702	LRS02303	113937	LRS02405	113119
LRS01974	110210	LRS02164	115643	LRS02304	114074	LRS02407	114021

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LRS02408	115635	LRS02526	115829	LRS02633	114050	LRT00134	111851
LRS02410	114849	LRS02527	114689	LRS02635	115401	LRT00135	111399
LRS02413	115642	LRS02528	114323	LRS02636	114818	LRT00136	111693
LRS02415	111984	LRS02528	115889	LRS02638	113723	LRT00137	110524
LRS02416	113851	LRS02529	114742	LRS02639	114676	LRT00137	113979
LRS02416	115885	LRS02530	113797	LRS02641	115758	LRT00138	111996
LRS02419	114299	LRS02531	114196	LRS02643	116046	LRT00139	113674
LRS02420	113752	LRS02532	115335	LRS02644	115598	LRT00143	111641
LRS02421	111931	LRS02532	116059	LRS02645	114833	LRT00146	111420
LRS02424	112177	LRS02535	115741	LRS02646	114375	LRT00147	112124
LRS02425	113655	LRS02537	113827	LRS02647	116083	LRT00148	111685
LRS02426	111349	LRS02538	114275	LRS02648	115646	LRT00150	113752
LRS02427	114037	LRS02539	115626	LRS02649	115607	LRT00155	115407
LRS02428	110962	LRS02540	112822	LRS02651	115616	LRT00157	111558
LRS02429	113821	LRS02540	115880	LRS02652	115825	LRT00158	111088
LRS02430	114443	LRS02541	114402	LRS02653	113353	LRT00159	110847
LRS02431	115940	LRS02543	115645	LRS02654	115446	LRT00160	113745
LRS02435	113821	LRS02545	114523	LRS02655	115998	LRT00161	112172
LRS02436	114167	LRS02546	116269	LRS02656	116255	LRT00163	112290
LRS02437	115360	LRS02547	115900	LRS02657	115468	LRT00163	114119
LRS02439	114502	LRS02551	114852	LRS02660	115769	LRT00165	111680
LRS02440	115974	LRS02552	114487	LRS02661	115818	LRT00167	111906
LRS02442	115338	LRS02553	115570	LRS02664	112041	LRT00168	111485
LRS02443	115394	LRS02554	114307	LRS02665	114401	LRT00169	111865
LRS02444	113901	LRS02556	114055	LRS02670	113725	LRT00170	112533
LRS02445	114098	LRS02559	114320	LRS02673	113181	LRT00172	111904
LRS02446	114050	LRS02561	116270	LRS02676	113900	LRT00173	111823
LRS02447	114395	LRS02562	114333	LRS02678	114874	LRT00174	113605
LRS02448	111760	LRS02563	114850	LRS02683	115828	LRT00175	111123
LRS02449	114281	LRS02564	115337	LRS02684	115588	LRT00176	110461
LRS02451	111335	LRS02565	116002	LRS02687	115426	LRT00176	112251
LRS02452	114037	LRS02567	114092	LRS02689	111900	LRT00177	111909
LRS02454	115361	LRS02570	115734	LRS02690	115558	LRT00178	112005
LRS02455	114872	LRS02571	114443	LRS02692	115779	LRT00179	111900
LRS02455	115875	LRS02572	111197	LRS02695	110154	LRT00181	111463
LRS02457	114069	LRS02574	115639	LRS02696	110154	LRT00182	112006
LRS02461	115996	LRS02575	115636	LRS02698	115727	LRT00187	112103
LRS02462	113841	LRS02576	113271	LRS02701	114476	LRT00188	112026
LRS02463	115593	LRS02577	114389	LRS02702	112547	LRT00189	111849
LRS02463	115887	LRS02578	115359	LRS02705	116316	LRT00190	111848
LRS02464	115311	LRS02579	115723	LRS02706	116051	LRT00194	111251
LRS02468	115948	LRS02580	115717	LRS02709	114891	LRT00195	112454
LRS02469	115949	LRS02582	114871	LRS02710	115563	LRT00197	111994
LRS02472	113613	LRS02583	115341	LRS02711	115732	LRT00198	111422
LRS02473	114173	LRS02584	115997	LRS02714	115685	LRT00199	113430
LRS02474	115539	LRS02589	111885	LRS02715	115830	LRT00200	114321
LRS02474	116156	LRS02590	115376	LRS02778	116050	LRT00201	113443
LRS02476	115634	LRS02591	115768	LRS03900	116276	LRT00202	112821
LRS02477	114388	LRS02592	115524	LRS03973	116283	LRT00202	115870
LRS02477	116308	LRS02593	110485	LRS138	110464	LRT00203	111307
LRS02478	115610	LRS02594	114268	LRS2407	114021	LRT00205	111931
LRS02480	114731	LRS02596	114137	LRS2853	113710	LRT00206	113267
LRS02483	113932	LRS02597	113995	LRS2853	116124	LRT00207	113346
LRS02486	112474	LRS02598	114387	LRS926	110545	LRT00208	113281
LRS02487	114305	LRS02598	116307	LRT00100	111241	LRT00213	113649
LRS02489	114264	LRS02599	114733	LRT00101	111508	LRT00215	114889
LRS02490	115698	LRS02599	115894	LRT00102	112301	LRT00216	113314
LRS02492	115335	LRS02601	114480	LRT00103	111349	LRT00217	111995
LRS02492	116059	LRS02602	115339	LRT00104	114318	LRT00218	112429
LRS02493	114886	LRS02603	115771	LRT00105	113928	LRT00219	112236
LRS02494	115719	LRS02604	115729	LRT00106	110574	LRT00220	112435
LRS02495	115574	LRS02605	115524	LRT00106	111805	LRT00221	112438
LRS02496	115891	LRS02607	114873	LRT00107	111848	LRT00222	112083
LRS02497	115611	LRS02609	115822	LRT00108	112053	LRT00223	112431
LRS02500	115612	LRS02610	115399	LRT00110	111214	LRT00224	112320
LRS02502	115395	LRS02611	114741	LRT00113	111442	LRT00225	114523
LRS02503	114761	LRS02612	114760	LRT00114	111559	LRT00226	111908
LRS02504	115977	LRS02615	115735	LRT00114	112083	LRT00228	112553
LRS02506	116024	LRS02616	116286	LRT00116	112818	LRT00234	113286
LRS02509	115745	LRS02617	115686	LRT00117	111374	LRT00235	113761
LRS02510	110182	LRS02619	115575	LRT00119	111911	LRT00236	115442
LRS02511	115644	LRS02620	114003	LRT00123	113361	LRT00237	112218
LRS02515	116093	LRS02621	114376	LRT00124	112295	LRT00240	112475
LRS02516	115400	LRS02623	115986	LRT00125	113644	LRT00244	113271
LRS02518	114488	LRS02624	114775	LRT00126	111029	LRT00251	112434
LRS02519	115733	LRS02624	115502	LRT00127	111874	LRT00600	110450
LRS02520	115556	LRS02625	115964	LRT00129	111455	LRT00605	110449
LRS02520	115886	LRS02626	114523	LRT00129	111984	LRT00610	110449
LRS02521	115330	LRS02627	112185	LRT00131	111690	LRT00610	110566
LRS02522	114742	LRS02631	115696	LRT00132	113451	LRT00611	112091
LRS02523	115613	LRS02632	112121	LRT00133	113387	LRT00615	112090

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63223001	112124	63227512	110545	63293039	114758	63305276	110882
63223031	112124	63227518	110615	063293039	114758	63305300	110912
63223033	112124	63227520	110615	063293103	113346	63305310	110912
63223039	114758	63227528	110818	63293537	111911	63305400	110912
63223085	112124	63227541	111346	63293538	113701	63305401	111035
63223101	112124	063227543	110459	063293538	113701	63305404	110912
063223101	112124	063227553	112136	63296357	110615	63305405	110912
63223103	113346	063227553	113380	063296842	112135	63305406	110912
63223104	113346	063227554	110465	63300506	110899	63305424	110912
63223200	111422	063227554	111737	63300521	111180	63305425	110912
63223209	112172	063227559	110460	63300521	116133	63305426	110912
63223303	112124	063227564	111574	63300802	111180	63305430	110912
63223304	111088	63227564	112267	63300802	116133	63305431	111035
063223332	111619	63227565	111346	63300900	111180	63305450	110912
63223431	110854	63227568	111346	63300900	116133	63305506	110890
63223432	112455	63227569	110462	63300901	111180	63305520	110912
63223433	111400	063227569	110462	63300901	116133	63305526	110890
63223434	111010	63227569	116137	63300920	111180	63305536	110890
063223435	111911	063227569	116137	63300920	116133	63305606	110890
63223435	114118	63227585	110615	63300921	111180	63305621	110912
63223436	110854	63227588	110615	63300921	116133	63305721	110911
063223436	110854	63227590	111346	63300931	111180	63305722	110911
63223438	112309	063227592	110615	63300931	116133	63305800	111153
63223530	110854	063227592	111737	63303100	110611	63305801	111620
63223531	110854	063227593	110819	63303110	110611	63305802	111686
063223531	110854	63227596	110615	63303120	110611	63305820	111153
063223532	112455	63227598	111346	63303130	110611	63305822	111686
63223537	111911	63227599	111346	63303140	110611	63305832	111686
63223538	113701	63227601	112136	63303150	110611	63305842	111686
63223730	111685	063227601	112136	63303191	110611	63305862	111078
63224017	113446	63230001	113346	63303192	110611	63306000	112097
63224170	110521	63253010	111131	63303500	110611	63306050	112097
63224580	110521	63253020	110867	63303502	111078	63306060	112097
63224600	110529	63280001	112235	63303581	110912	63306070	112097
63226301	110213	63280002	112340	63303610	111035	63306079	112097
63226391	110213	63280005	112235	63303701	111078	63306089	112097
63226631	112390	063280005	112235	63303703	111078	63306300	112097
63226689	111750	63280008	112290	63303721	111078	63306301	112097
63226801	111865	63280010	111906	63303731	111078	63306302	112097
063226801	111865	063280010	111906	63303733	111078	63306350	112097
63226845	110818	063280014	111131	063303733	111078	63306360	112097
063226845	111608	063280021	113905	63303739	111411	63306370	112097
63226920	112277	063280022	112821	63304000	112097	63306379	112097
63226942	110867	063280022	115870	63304001	112097	63306389	112097
063226942	110867	063280023	113794	63304002	112097	63306701	111078
63227014	111131	063280027	113906	63304010	112097	63306721	111078
063227014	111131	063280029	113908	63304011	112097	63306731	111078
063227017	111750	063280029	116062	63304012	112097	63307106	111078
063227034	113346	063280032	111374	63304020	112097	63307108	111078
063227035	113346	063280034	113910	63304021	112097	63307126	111078
063227046	111303	063280036	113911	63304022	112097	63307128	111078
63227051	111303	063280036	116157	63304030	112097	63307150	110912
63227413	110818	63280040	113654	63304031	112097	63307160	110912
063227413	110818	63280041	113655	63304040	112097	63307206	110882
063227421	110439	63280042	113962	63304041	112097	63307207	110882
063227460	110441	063280042	113962	63304050	112097	63307227	110882
63227468	110440	063280043	112382	63304051	112097	63307236	110890
063227468	110440	063280044	113962	63304051	112097	63307236	110890
063227468	110441	63280045	113719	63304061	112097	63307246	110882
063227470	110439	63280045	113719	63304075	112097	63307256	110882
63227470	110819	63280045	115869	63304078	112078	63307400	110912
63227478	110615	063280045	115869	63304079	112079	63307401	111035
63227479	110442	063280045	115869	63304081	112097	63307405	110912
63227480	110819	063280046	113962	63304082	112097	63307407	110912
063227485	110442	063280047	112382	63304082	112097	63307407	110912
63227485	114730	63304083	112097	63304083	112097	63307410	110912
063227486	110443	63304084	112097	63304084	112097	63307420	110912
63227486	110615	63304087	112097	63304087	112097	63307425	110912
063227487	110442	63304088	112097	63304088	112097	63307427	110912
063227488	110439	63304090	112097	63304090	112097	63307427	110912
63227488	110819	63304091	112097	63304091	112097	63307429	110912
63227489	110464	63304093	112097	63304093	112097	63307430	110912
063227489	110464	63304095	112097	63304093	112097	63307431	111035
063227501	110459	63304095	112097	63304095	112097	63307450	110912
63227501	110461	63304100	112097	63304100	112097	63307450	110912
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063227502	111737	63304800	110611	63304800	110611	63307470	110912
63227508	112660	63305020	110912	63305020	110912	63307506	110890
		63305120	112768	63305120	112768	63307526	110890
		63305150	110912	63305150	110912	63307536	110890
		63305206	110882	63305206	110882	63307604	111148
		63305226	110882	63305226	110882	63307624	111148
		63305236	110882	63305236	110882	63307634	111148
		63305256	110882	63305256	110882	63307801	111620

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
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63307832	111686	63320200	111411	63321062	111620	63321199	111654
63307841	110890	63320218	111756	063321062	111620	063321199	111654
63307862	111686	63320219	111411	63321063	112097	63321200	111411
63307872	111686	63320226	111409	063321067	111036	63321204	111416
63308300	112097	63320243	112325	63321068	111148	63321205	111802
63308310	112097	63320253	111411	063321068	111148	63321227	111568
63308320	112097	63320256	111409	63321070	111148	63321232	113942
63308330	112097	63320258	111505	63321071	110912	63321233	111411
63308340	112097	63320292	111409	63321072	111620	63321234	113537
63308350	112097	63320319	111411	63321077	111654	63321235	111505
63308360	112097	63320333	113939	63321080	110912	63321237	111568
63308370	112097	63320349	113763	063321080	112719	63321238	111756
63308380	112097	63320500	111411	063321080	116331	63321239	112202
63308701	111078	63320511	111416	63321081	112728	63321241	111409
63308731	111078	63320531	112325	063321082	111036	63321244	112121
63310504	114451	63321000	111036	63321082	113471	63321246	111409
63310508	113247	063321000	111036	063321082	113471	63321251	111416
063310508	113247	63321001	111078	63321083	111082	63321252	111689
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63320001	111036	63321005	111035	063321083	112728	63321270	111411
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63320003	112719	63321008	110912	63321086	111620	63321276	111802
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63320007	112719	063321011	110912	063321086	111686	63321280	113537
63320007	116331	63321011	112719	63321095	112768	63321281	111505
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63320013	111654	63321011	116331	63321099	111686	63321285	112718
63320015	111686	063321011	116331	63321103	112719	63321287	113536
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63320017	111654	063321017	111654	63321104	112097	63321300	111505
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63320023	110890	63321020	111686	063321112	111654	63321330	113536
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63320025	112097	063321021	111620	063321112	116331	063321332	111568
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63320031	112719	063321023	110882	063321114	112728	63321346	112718
63320031	116331	063321023	110912	63321115	112097	063321346	112718
63320032	111620	63321023	111148	63321120	112719	63321347	112718
63320035	111148	063321023	111148	63321120	116331	63321349	111409
63320037	112768	063321023	112719	63321123	111654	63321355	113939
63320039	111082	063321023	116331	63321136	113471	63321358	112021
63320040	113471	63321028	112719	63321141	113471	63321361	111802
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63320053	112719	063321042	110882	063321154	111180	063321409	116331
63320053	116331	063321042	110890	063321154	116133	63321414	113336
63320055	111148	63321042	111418	63321161	112097	63321418	113942
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63320060	112097	063321044	110882	63321165	111687	63321422	112698
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63320094	111687	063321044	111418	63321170	111803	63321425	112325
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63320105	111620	063321044	115873	63321172	110912	63321453	111568
63320111	113533	63321045	112097	063321173	111036	63321458	114669
63320112	110912	63321046	112097	63321173	113471	63321465	112698
63320121	111620	63321047	112097	063321173	113471	63321466	113763
63320124	114669	63321048	112097	63321178	112728	63321470	111411
63320125	112719	63321049	112097	63321180	110890	63321473	112698
63320125	116331	63321050	112097	63321189	111036	63321485	111568
63320126	111654	63321052	112097	63321190	113533	63321488	113471
63320128	110912	63321055	112097	063321191	110912	63321489	111568
63320129	111620	063321056	110912	063321191	111654	63321491	113336
63320130	111035	63321056	111620	63321191	112719	63321492	114669
63320137	114669	063321056	111620	63321191	116331	63321493	110912

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
63321497	113336	63321801	113942	63324327	111363	63377015	114749
63321497	113943	63321803	113939	063324348	111176	063377015	114749
63321501	113336	63321804	113336	63324387	111355	63377017	114493
63321501	113943	63321804	113943	063324387	111355	63377018	115429
63321502	114669	63321805	113336	063324400	112722	63377023	114451
63321503	114669	63321805	113943	63324407	112722	63377028	115346
63321506	113939	63321806	113943	063324407	112722	63377030	115647
63321507	113336	63321809	111413	063324409	111368	63377033	115620
63321510	111148	63321810	113536	63325256	111363	63377037	115620
63321600	111411	063321810	113536	063340003	113763	63377300	113246
063321600	111411	63321815	113987	63340004	112021	063377401	112143
63321602	113537	63321817	113621	63341200	111411	63377402	111795
63321603	111505	63321819	113536	63341233	111411	063377402	111795
63321604	111505	63321820	111416	63341238	111756	63377404	112142
063321604	111505	63321823	112142	063341238	111756	063377404	112142
63321606	111689	63321826	113943	63341239	112202	63377407	114009
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63321607	111689	63321828	113405	63341244	112121	63377409	112143
63321609	111689	63321829	113246	63341321	112021	63377410	111795
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63321612	113536	63321833	113338	063341343	112698	63377412	112142
63321614	111413	63321836	113536	63341344	112698	063377412	112142
63321615	111416	063321836	113536	063341344	112698	63377413	112142
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63321616	111416	63321848	111411	63341636	112203	63377414	112142
063321616	111416	63321858	113336	63341641	110619	63377416	113849
63321617	111802	63321859	113336	63341658	112384	063377416	113849
063321620	111802	63321862	113987	63341658	112325	063377416	116294
63321625	111689	063321862	113987	63341669	112121	63377417	115750
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63321629	115476	63321870	113537	63341678	112143	063377418	114248
63321636	112203	63321872	115665	63341678	112143	63377418	114248
63321641	110619	63321880	115460	63341679	111795	63377419	115579
63321658	112384	63321895	115460	63341691	112121	63377420	114083
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63321660	111416	63321897	114025	63341697	111795	63377421	114804
63321661	111416	63321898	112142	63341702	112384	063377421	114804
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63321679	111795	063324161	110770	63341730	112121	063377425	114754
63321691	112121	063324161	112238	63341733	113405	63377426	114806
63321695	112325	063324188	110607	063341734	113575	063377426	114806
63321697	111795	063324198	111366	063341740	113404	63377426	115874
63321702	112384	063324199	111289	63341746	112142	063377426	115874
63321702	114025	063324199	111362	63341758	113599	63377427	114227
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63321712	111411	063324220	110891	63341770	110619	63377428	114361
63321715	115476	63324231	111368	063341770	110619	063377429	114158
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63321724	112121	63324233	110891	063341829	110619	63377433	114186
63321727	112203	63324242	112238	63341896	114025	063377434	114273
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63321733	113405	63324245	111355	63358020	111289	063377439	114005
63321734	113575	063324245	111355	063358061	113722	063377440	114231
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63321741	112648	063324256	111363	063358062	113721	63377460	113763
63321743	113621	63324264	110607	63362003	110899	63377461	113763
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63321761	114899	063324276	110770	63377002	113718	063377480	114023
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63321782	115476	63324294	116126	063377008	113718	063377493	116064
63321791	115476	063324296	110770	63377009	115615	063377494	114451
63321792	111568	63324296	111364	063377009	115615	63377495	115308
63321800	111409	063324296	111364	063377010	113535	063377495	115308
		063324311	111148	63377011	114462	063377496	114249
		063324318	110770	63377013	113535	63377558	115667
		063324318	111289	063377013	113535	63377566	115546

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
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063380002	116362	063532623	110804	943227570	110615	943251458	111030
063380004	113708	063532624	113331	943227572	110615	943251459	111131
063380005	113709	063532625	113343	943241016	110389	943251459	111750
63380006	113709	063532627	113792	943241031	111805	943251460	111030
063380006	113709	063532628	113791	943241058	111679	943251462	111030
063380007	113913	063532629	114114	943241074	110154	943251466	111130
063380008	113710	063532630	114350	943241102	111310	943251466	113443
063380008	116124	063532631	113498	943241107	111136	943251487	113451
063380009	113710	063532633	113349	943241124	110811	943251488	111130
063380009	116124	063532636	113350	943250108	110772	943251489	111251
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063380010	116124	063532637	113498	943251015	110336	943251568	110347
063388505	112681	063533155	112406	943251015	111131	943251568	111000
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63395575	116331	063533251	113913	943251052	110856	943251613	111127
63396554	111082	063533350	110619	943251054	110367	943251619	110865
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63521070	111015	063534881	110881	943251099	111115	943251634	111112
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063521074	113276	063534897	110766	943251110	111068	943251655	111060
063521081	113481	063535150	111828	943251113	112295	943251658	110336
063521084	114460	063535250	114765	943251114	110367	943251658	111131
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063521240	111904	063535255	115879	943251121	110793	943251663	111748
063522190	114313	063535550	113188	943251125	111063	943251664	112440
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063522603	111476	94335657	111082	943251139	110847	943251675	111069
063522604	111684	0633200021	110882	943251144	111070	943251686	110865
063522605	113659	943214376	110601	943251144	114460	943251688	111131
063522606	114885	943216731	110521	943251165	110363	943251689	111131
063522607	111849	943216748	110814	943251223	110160	943251691	111131
063522608	112440	943216818	110536	943251223	111054	943251691	111269
063522609	113329	943216818	116139	943251223	111489	943251692	110842
063522610	110389	943216831	110529	943251225	112167	943251694	111347
063522611	112322	943216852	111001	943251226	112052	943251695	111851
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063522626	114820	943217407	110536	943251334	111848	943252046	110512
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063532615	110802	943226391	110439	943251439	111127	943252205	113464
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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943252210	110206	943321062	111620	943356209	111149	943356539	111732
943252210	110208	943321071	110912	943356211	111169	943356539	112229
943252212	110205	943321080	110912	943356211	112056	943356551	112687
943252212	110512	943321080	111654	943356212	111164	943356552	110877
943252215	113464	943321082	113471	943356219	111082	943356554	111426
943252216	113467	943321083	111082	943356220	110889	943356554	111732
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943252217	116139	943321084	111620	943356223	116131	943356560	112162
943252217	116312	943321086	111620	943356224	110906	943356566	110619
943252220	110535	943321095	112768	943356226	111629	943356567	112230
943252221	110213	943321096	111620	943356229	111629	943356568	112298
943252223	110368	943321099	111686	943356230	112742	943356574	112230
943252223	111347	943321112	112719	943356231	111834	943356574	112292
943252228	110582	943321112	116331	943356232	113469	943356603	112729
943252230	110532	943321114	111082	943356233	113611	943356604	111094
943252231	110212	943321141	113471	943356234	110116	943356604	112149
943252233	111047	943321165	111687	943356236	113611	943356605	111094
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943252241	110539	943321346	112718	943356249	110881	943356613	110358
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943305226	110882	943356090	110911	943356465	110923	943356703	110077
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
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944280557080	113346	944390315200	111653	944390414510	111788	944390479100	113958
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944280801070	112388	944390387400	112292	944390427000	112079	944390515660	112355
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944280801130	113719	944390390300	112709	944390427900	113298	944390518120	111950
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944280801170	113933	944390393000	113485	944390428610	112349	944390518160	111779
944280801180	113794	944390393700	111902	944390430310	111468	944390605030	113519
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944280801300	113927	944390394310	112800	944390439100	112425	944390605100	111309
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944280801480	113905	944390398310	113868	944390444600	113252	944390664130	112202
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944280801730	113756	944390400210	112772	944390444800	113510	944390900050	112272
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944280801860	113897	944390401700	113442	944390449200	114836	944390900140	112151
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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944390900400	111795	944390903540	113328	MAN349	116331	MSN224	110522
944390900410	112121	944390903550	113253	MAN352	111654	MSN227	110813
944390900460	111797	944390903560	113871	MAN382	111687	MSN229	110814
944390900470	111405	944390903560	115867	MAN7001	114899	MSN233	110530
944390900480	111767	944390903590	113922	MAN7005	113996	MSN237	110517
944390900690	111756	944390903630	113896	MAN7009	115615	MSN2626	114820
944390900700	111594	944390903630	116158	MAN7015	114749	MSN290	110365
944390900710	113537	944390903720	113946	MAN7017	114493	MSN291	110365
944390900720	111967	944390903740	114130	MAN7018	115429	MSN294	110338
944390900750	111943	944390903740	116069	MAN7023	114451	MSN316	111025
944390900760	112143	944390903760	113697	MAN7024	113721	MSN320	112533
944390900770	112142	944390903770	115365	MAN7025	115852	MSN402	114123
944390900780	111514	944390903800	112413	MAN7027	114706	MSN521	110518
944390900820	112939	944390903810	113883	MAN7028	115346	MSN540	110819
944390900860	114025	944390903850	113322	MAN7031	115620	MSN614	110530
944390900910	111812	944390903890	113253	MAN7402	111795	MSN634	113752
944390900920	111689	944390903900	113407	MAN7410	111795	MSN642	111911
944390900940	112218	944390903910	113919	MAN7412	112142	MSN697	110536
944390900970	113888	944390903940	112458	MAN7413	112142	MSN697	116139
944390901010	112199	944390903950	113331	MAN7416	113849	MSN800	115951
944390901090	113406	944390904040	113253	MAN7417	115750	MSN8040	113654
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944390901200	112387	944390904070	116366	MAN7426	114806	MSN8068	115642
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944390901240	113785	944390904100	113945	MAN7463	115742	MSN8076	115613
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944390901380	113952	944390904190	114128	MAN7492	113955	MSR111	112390
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944390901570	113350	944390904320	114083	MAN7526	115930	MSR327	112124
944390901600	112462	944390904330	114065	MAN7533	114694	MSR342	110367
944390901650	112359	944390904440	113343	MAN7536	114900	MSR343	110856
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944390901730	112384	944390904510	113519	MAN7544	114897	MSR365	110587
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944390901760	113708	944390904590	114102	MAN807	111416	MSR378	110584
944390901770	113709	944390904590	116068	MAN833	112325	MSR378	116306
944390901880	113718	944390904670	113978	MAN938	112121	MSR379	110847
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944390901930	113836	944399425200	112197	MAR469	112162	MSR393	111066
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944390902130	113946	63321730A	112121	MSN196	110465	MSR490	112440
944390902140	113836	63321730B	112121	MSN2009	112441	MSR511	111069
944390902230	113710	E100-1.3/12V8	110352	MSN2009	115505	MSR516	110368
944390902230	116124	E84-0.8/12V1	110338	MSN2028	111694	MSR5313	111641
944390902320	113599	E84-0.8/12V3	110365	MSN2039	113182	MSR5442	111374
944390902330	112654	M125-3/12	110529	MSN2042	113979	MSR651	110520
944390902390	113503	M125M3Z9	110529	MSN206	111752	MSR665	112541
944390902400	113912	M125M3-Z9(3/12)	110529	MSN2071	112321	MSR677	112286
944390902400	116362	MAN1104	111409	MSN2078	113843	MSR680	110512
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944390902480	113404	MAN1163	113404	MSN2093	113515	MSR683	116312
944390902520	114129	MAN1165	110619	MSN2094	114034	MSR685	110512
944390902550	115543	MAN2005	110619	MSN2098	112005	MSR697	110536
944390903030	111626	MAN2006	112076	MSN2101	113773	MSR697	116139
944390903040	112021	MAN2025	113923	MSN2102	114163	MSR697	116312
944390903130	114042	MAN2025	115879	MSN2104	113842	MSR699	110525
944390903130	116113	MAN2028	113913	MSN2105	113841	MSR700	110527
944390903170	113881	MAN2036	111824	MSN2106	113509	MSR701	111638
944390903220	115615	MAN2037	112079	MSN2107	114062	MSR705	113464
944390903230	113404	MAN2037	114789	MSN2109	111904	MSR707	110536
944390903240	113955	MAN2048	115712	MSN2113	112429	MSR707	116139
944390903260	113904	MAN2066	115304	MSN2116	113962	MSR707	116312
944390903280	111568	MAN261	112097	MSN213	110521	MSR727	110524
944390903300	113575	MAN2801	111426	MSN214	110520	MSR729	113468
944390903360	113956	MAN306	111082	MSN215	110521	MSR733	111755

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MAGNETI MARELLI <i>Continued</i>							
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MSR737	111332	443113516121	110542	9125130	110212	9144743	110530
MSR739	112249	443113516181	110542	9125150	111231	9144744	110529
MSR742	111640	443113516184	110542	9125220	110206	9144745	110813
MSR746	111755	443113516241	113543	9125240	110207	9144820	111001
MSR911	112307	443113516404	111076	9125250	110208	9144821	110530
MT38M	111217	443113516414	112162	9125260	110206	9144965	110462
MT38R	111217	443113516591	112387	9125270	110582	9144965	116137
MT38RA	111217	443113516630	110622	9125290	110601	91455722	110545
MT41A	112173	443113516631	110622	9125320	110512	915101A	114034
MT43HA	110520	443113516632	110622	9125330	110206	915109D	112429
MT56A	111001	443113516634	110622	9125340	110512	915109E	112286
MT62BA	110529	443113516650	110621	9125350	111218	915111A	111909
MT67A	110521	443113516653	110621	9125370	110534	915111D	112005
MT67AB	110521	443113516660	110622	9125400	110535	9162901	113727
MT67AC	110521	443113516661	110622	9125420	110209	9162904	114107
MT67AD	110517	443113516662	110622	9125430	110932	9172702	113356
MT67B	110520	443113516670	112035	9125460	110212	9172780	113356
MT67BA	110520	443113516673	112035	9125480	110582	9174602	110523
MT67C	110518	443113516690	112098	9125490	111219	95124596	113716
MT67CA	110518	443113516693	112098	9125500	110980	9513031	112098
MT67CB	110518	443113516700	111362	9141310	111214	9513053	111662
MT67D	110521	443113516701	111362	9141319	112167	9513053	116131
MT67DA	110521	443113516741	111368	9141325	110338	9513071	113632
MT67DB	110521	443113516750	110622	9141331	112388	9513160	111843
MT67AA	110521	443113516751	110622	9141350	111241	9513170	113632
MT68A	110529	443113516752	110622	9141382	110352	9514090	111216
MT68AB	110529	443113516761	111168	9141384	110867	9514096	111216
MT68AC	110529	443113516836	111009	9141385	111619	9514566	113716
MT68AD	110529	443113516842	111009	9141390	112306	9514590	113716
MT68B	110519	443113516846	111009	9141391	111059	9514593	113716
MT68BA	110519	443113516866	110163	9141393	111060	9514696	113716
MT68L	110522	443113517103	112075	9141394	111748	9515010	112098
MT68LA	110522	443115141310	111214	9141395	112286	9515040	112238
MT68LB	110522	443115141311	111214	9141396	112286	9515080	111686
MT68LC	110522	443115141313	111909	9141400	110587	9515090	111216
MT68MA	110529	443115141319	113677	9141404	111070	9515102	113632
MT68MB	110529	443115141331	112388	9141410	112131	9515112	113552
MT68P	110530	443115141338	112388	9141413	111749	9515122	113552
MT68PA	110530	443115141394	111909	9141430	111214	9515170	111888
MT68PB	110530	443115141395	112286	9142320	110521	9515180	111843
MT68R	111001	443115142350	111214	9142700	111755	9515230	112736
MT68RA	111001	443115142701	111332	9142701	111332	9515241	113543
MT68T	110536	443115142702	113269	9142702	113269	9515310	110641
MT68T	116139	443115142709	113269	9142709	113269	9515311	110641
MT68AA	110529	443115142726	111855	9142720	110615	9515361	113632
MT71A	110813	443115142726	116128	9142722	114254	9515404	111076
MT71AB	110813	443115142740	111041	9142722	116134	9515414	112162
MT71AC	110813	443115142780	112488	9142724	110461	9515415	112162
MT71D	110814	443115142801	111332	9142726	111855	9515491	111086
MT71DA	110814	44311514442	110545	9142726	116128	9515713	112556
MT71DB	110814	443115144420	110545	9142728	110615	9515734	111289
MT71F	110530	443115144540	110551	9142740	111041	9515765	113542
MT71FA	110530	443115144620	110545	9142741	110545	9515836	111009
MT71FB	110530	443115144640	110551	9142744	110519	9516050	110542
MT71GB	112039	443115144702	113269	9142745	112442	9516051	110542
MT71HB	115423	443115144722	114254	9142745	116130	9516060	110542
MT71L	114265	443115144722	116134	9142746	110525	9516061	110542
MT71LA	114265	443115144723	110522	9142749	111752	9516241	113543
MT71RB	112249	443115144726	110525	9142764	110818	9516590	112387
MT71Z	110640	443115144729	110545	9142765	110462	9516591	112387
MT71AA	110813	443115144742	110551	9142765	116137	9516650	110621
MT72A	110517	443115144743	110530	9142766	112074	9516653	110621
MT72AB	110517	443115174602	110523	9142780	112488	9516660	110622
MT72AA	110517	443115174622	110520	9142801	111332	9516661	110622
MT74A	115423	443115901010	110622	9142802	110536	9516673	112035
MT74BA	112249	443115144702	113269	9142802	116086	9516693	112098
MT74G	110536	446115144702	113269	9142802	116139	9516709	111289
MT74G	116139	8515220	110881	9142803	110536	9516714	111035
MT74L	111693	9122110	112822	9142803	116139	9516716	111168
		9122110	115880	9142804	110565	9516720	111086
		9124310	110523	9142805	111752	9516721	111086
		9124320	110517	9142840	111693	9516740	111289
		9124330	110518	9142860	110461	9516742	111289
		9124340	110601	91428729	110464	9516760	111168
		9124350	110524	9142880	110530	9516761	111168
		9125010	110210	9142900	111855	9516765	113542
		9125020	110213	9142900	116128	9517103	112075
		9125030	110532	9142903	114388	9517162	111353
		9125100	110205	9144702	113269	9517181	111820
		9125110	112119	9144722	110545	9517182	111477
MAGNETON (PAL/SKODA)							
114901010	110542						
115901010	110622						
334113516414	112162						
334113516653	110621						
443113515241	113543						
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443113516051	110542						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9517183	111820	63187001	113445	51.26201-7110	110210	81.26201-9029	110205
9517185	111477	63206704	110524	51.26201-7112	110512	83.26101-6501	112343
9517189	111899	63206834	111755	51.26201-7114	110206	88.26201-6200	110531
9517212	112274	63206838	111001	51.26201-7118	113468	88.26201-9200	110531
9517213	111989	63207138	111284	51.26201-7119	111640	A5.00055-9254	113466
9517219	112043	63223101	112124	51.26201-7123	110210	A5.00055-9361	113465
9517241	112419	63280901	113659	51.26201-7125	110206		
9517403	113340	63321826	113943	51.26201-7127	110206	MANDOE MALROE → VALEO	
9517413	112079	MT67MK04	110524	51.26201-7129	110206		
9517482	111884	MT68MK04	110524	51.26201-7137	110206	MARELLI → MAGNETI MARELLI	
9517483	112079			51.26201-7143	113468		
9999984	114034	MALLORY		51.26201-7146	113353	MASSEY FERGUSON	
		9-15904	110216	51.26201-7152	113468	1042653M92	110510
MAHINDRA				51.26201-7153	111640	1048570M92	110510
005558084R91	113670	MAN		51.26201-7157	112446	1446802M91	111737
1233544R91	113670	41.26101-7233	113295	51.26201-7157	116135	1447312M91	111289
86992395	114224	50.26201-7078	113465	51.26201-7158	113759	1477732R1	111737
		51.25201-7181	110206	51.26201-7159	110206	1475923M91	112238
MAHLE → ISKRA		51.25201-9181	110206	51.26201-7162	113468	1618050M14	112136
		51.26101-6084	111842	51.26201-7181	110206	1618050M4	112136
MAKO		51.26101-7085	110766	51.26201-7183	112446	1618050R4	112136
063102021010	114123	51.26101-7144	110895	51.26201-7183	116135	1618473M91	110970
063103002000	112124	51.26101-7145	111141	51.26201-7189	112446	1618474M91	110970
063103007000	112124	51.26101-7148	110113	51.26201-7189	116135	1618477M91	110970
063113002000	113430	51.26101-7155	110116	51.26201-7193	114001	1618478M91	110970
063113003000	112379	51.26101-7156	111146	51.26201-7199	115556	1691795R92	110970
063114014000	112026	51.26101-7172	112747	51.26201-7199	115886	1691805R1	110819
063117148000	110814	51.26101-7185	110895	51.26201-7206	115440	1695614M91	110770
063187051000	112821	51.26101-7190	111146	51.26201-7211	115886	1699872M1	110107
063187051000	115870	51.26101-7195	112159	51.26201-7212	113759	1699872R1	110107
063206704000	110524	51.26101-7201	110895	51.26201-7212	112446	1808449R2	110819
063206834000	111755	51.26101-7206	115440	51.26201-7213	116135	1868283M5	110819
063206838000	111001	51.26101-7214	113920	51.26201-7220	114031	1874681M91	110970
063207138000	111284	51.26101-7221	112196	51.26201-7220	115892	1875955M1	110970
063207143000	110536	51.26101-7231	113295	51.26201-7222	114001	1875955M91	110970
063207143000	116139	51.26101-7232	113289	51.26201-7223	114376	1875958M92	110970
063216731000	112124	51.26101-7234	113289	51.26201-7228	114031	1895271M91	110970
063216741000	110518	51.26101-7237	112529	51.26201-7228	115892	1897264M91	110970
063216831000	110529	51.26101-7237	116129	51.26201-7231	115440	2871A102T	111289
063216831010	110529	51.26101-7241	113295	51.26201-7237	115891	2871A105T	111289
063216831020	110529	51.26101-7242	113289	51.26201-7238	116087	2871A132T	111289
063216884000	110530	51.26101-7246	114016	51.26201-7239	114031	2871A136T	111289
063216986000	110522	51.26101-7247	113289	51.26201-7239	115892	3083490M91	116436
063217126000	110813	51.26101-7249	114007	51.26201-9001	110512	3282883M91	112270
063223101000	112124	51.26101-7253	113998	51.26201-9001	111217	3405390M1	111948
063291405000	110585	51.26101-7254	114008	51.26201-9008	110524	3477851R91	113574
063296843000	112039	51.26101-7259	113998	51.26201-9028	110524	3519400M1	110565
063296847000	110529	51.26101-7265	113289	51.26201-9034	110208	3519400M92	110565
063313002000	113430	51.26101-7268	113998	51.26201-9057	110210	3519400M91	111364
063320023000	110890	51.26101-7269	114008	51.26201-9061	110210	3536264M91	113474
063320024000	111418	51.26101-7270	114016	51.26201-9074	110512	3538541M91	113574
063320024000	115873	51.26101-7271	114007	51.26201-9117	110206	3539389M91	110439
063320025000	112097	51.26101-7314	116459	51.26201-9127	110206	3539390M91	110545
063320049000	111686	51.26101-7315	116459	51.26201-9140	111640	3542185M92	110565
063320060000	112097	51.26101-7559	113998	51.26201-9143	113468	3542185M93	114107
063321000000	111036	51.26101-9144	110895	51.26201-9157	112446	3552682M91	111289
063321042000	110890	51.26101-9185	110895	51.26201-9157	116135	3552682M92	111289
063321044000	111418	51.26101-9201	110895	51.26201-9181	110206	3581576M1	110615
063321044000	115873	51.26101-9266	113295	51.26201-9183	112446	3597371M2	110819
063321068020	111148	51.26101-9270	113998	51.26201-9183	116135	3597371R2	110819
063321070000	111148	51.26101-9271	114007	51.26201-9199	115556	3599503M91	111289
063321112010	112719	51.26201-7001	110512	51.26201-9199	115886	3637261R91	110178
063321112010	116331	51.26201-7008	111217	51.26201-9212	113759	3637264R91	110970
063321112020	112719	51.26201-7011	110530	51.26201-9213	112446	3637269R91	112136
063321112020	116331	51.26201-7012	110537	51.26201-9213	116135	3638512R91	111289
063321154000	111035	51.26201-7028	110524	51.26201-9220	114031	36388131R1	111289
063321173000	113471	51.26201-7029	110205	51.26201-9220	115892	3648190M92	115536
063321600020	111411	51.26201-7034	110208	51.26201-9237	115891	3654073M91	114840
063321606000	111689	51.26201-7042	110533	51.26201-9238	116087	3667037M91	114107
063321609000	111689	51.26201-7057	110210	51.26201-9239	114031	368543M91	114860
063321615000	111416	51.26201-7061	110210	51.26201-9239	115886	3698015R91	110770
063321734000	113537	51.26201-7067	110524	65.26101-7153	115690	3698016M91	110770
063321819000	113536	51.26201-7074	110512	81.26101-6012	110766	3698017M91	110770
063395575000	112719	51.26201-7085	113468	81.26101-6025	110766	3701909M91	112722
063395575000	116331	51.26201-7087	110210	81.26101-6079	111842	3701910M91	112722
63102021	114123	51.26201-7092	110206	81.26101-6081	111842	3701911M91	112722
63103002	112124	51.26201-7095	111640	81.26101-6084	111842	3701913M91	112722
63113002	113430	51.26201-7100	110208	81.26101-6086	111842	3701913M92	111368
63113003	112379	51.26201-7101	110524	81.26101-9084	111842	3714944M1	112722
63114014	112026	51.26201-7108	110206	81.26201-9013	113466	3763362M94	111346

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MASSEY FERGUSON <i>Continued</i>							
3777677M1	113967	4840-18-400	111273	BPD4-18-400A	111970	F601-18-400B	110149
3777677R1	113967	4840-18-400A	111273	BPD4-18-400B	111970	F601-18-400L	110149
3780634M1	113961	4840-18-400B	111273	BPE8-18-300	111807	F802-18-400	110808
3784889M2	114387	4892-18-300	110133	BPE8-18-300A	111807	F802-18-400A	110808
3784889M2	116307	4893-18-400	110182	BPE8-18-300R	111807	F802-18-400AT	110808
3784890M1	114387	4893-18-400A	110182	BPE9-18-300	111807	F802-18-400B	110808
3784890M1	116307	4893-18-400B	110182	BPE9-18-300A	111807	F802-18-400L	110808
3789453M92	114004	4893-18-400C	110182	BPE9-18-300R	111807	F805-18-400	110149
3819332M91	112722	4893-18-400D	110182	C201-18-300	114129	F805-18-400A	110149
3819359M91	111355	4893-18-400E	110182	C401-18-300	114129	F805-18-400B	110149
3821818M91	114388	4894-18-300	110133	C401-18-300A	114129	F806-18-400	110149
3821818M91	116308	4894-18-300C	110133	C401-18-300B	114129	F850-18-400	110149
3821974M91	116114	4894-18-300D	110133	C601-18-400	111906	F850-18-400A	110149
3821974M92	116114	8028-18-300	110133	C601-18-400A	111906	F850-18-400B	110149
3821975M91	116114	8173-18-300	110134	D272-10-346A	110133	F850-18-400C	110149
3821976M92	114049	8173-18-300B	110134	D401-18-300	112270	F850-18-400D	110149
3823621M91	114387	8173-18-300C	110134	D401-18-300A	112270	F850-18-400E	110149
3823621M91	116307	8318-18-300	110133	D47Z-18-300	110133	F851-18-300	112270
3823621M95	114387	8341-18-300	110134	D501-18-300	112270	F8B1-18-300	110664
3823621M95	116307	8505-18-400	110808	E301-18-300	110136	F8B1-18-300A	110664
3823653M1	116111	AJ03-18-300A	112961	E301-18-300A	110136	F8B1-18-300B	110664
3930503R1	111948	AJ03-18-300B	112961	E301-18-300C	110136	F8B1-18-300C	110664
3930504R1	111355	AJ03-18-400	111374	E301-18-300D	110136	F8B1-18-300D	110664
3933142M91	114360	AJ34-18-400	111374	E301-18-400	110149	F8B1-18-300E	110664
4279540M93	116114	AM15-18-400	110811	E301-18-400A	110149	F8B1-18-300G	110664
4279541M93	114049	AM15-18-400A	110811	E301-18-400B	110149	F8B1-18-400	110808
4281877F91	114671	AM15-18-400B	110811	E301-18-400L	110149	F8B1-18-400A	110808
4281877M93	114671	AM21-18-300	110318	E301-18-400LA	110149	F8B1-18-400AT	110808
4281878M93	113949	B101-18-400	110807	E302-18-300	110136	F8B1-18-400B	110808
4281879F91	114671	B101-18-400A	110807	E303-18-300	110136	F8B1-18-400C	110808
4287013M1	115777	B101-18-400B	110807	E303-18-300A	110136	F8B7-18-300	110664
4287013M2	115777	B301-18-400	110807	E303-18-300B	110136	FA05-18-400	110149
4287014F1	114808	B301-18-400B	110807	E303-18-300D	110136	FA05-18-400B	110149
4287014M2	114808	B301-18-400C	110807	E303-18-300E	110136	FA05-18-400C	110149
4287014M3	114808	B301-18-400E	110807	E303-18-300L	110136	FE05-18-400	110149
4287014M4	114808	B301-18-400EX	110807	E331-18-300	110136	FE05-18-400A	110149
4287015F1	114785	B303-18-400	114885	E331-18-300A	110136	FE05-18-400B	110149
4287015M1	114785	B303-18-400A	114885	E331-18-300AL	110136	FE05-18-400C	110149
4287015M2	114785	B315-18-400	110808	E356-18-400	110808	FE05-18-400Z	110149
586-059-M92	112989	B315-18-400A	110808	E356-18-400A	110808	FE1H-18-400	110810
6100316M91	111368	B315-18-400B	110808	E356-18-400B	110808	FE1H-18-400B	110810
6106495M91	115848	B315-18-400E	110808	E356-18-400L	110808	FE50-18-400	110149
6902959M91	111368	B505-18-400	110808	E356-48-400B	110808	FE50-18-400A	110149
835331592	110545	B505-18-4009R	110808	E357-18-400	110808	FE50-18-400B	110149
9643382M1	110819	B593-18-400	110808	E357-18-400A	110808	FE50-18-400C	110149
MAZDA							
0105-18-300	110133	B5D8-18-300A	111384	E563-18-300	110136	FE50-18-400D	110149
0259-18-300	110133	B61P-18-300	111342	E563-18-300A	110136	FE50-18-400E	110808
0324-18-300	110133	B61P-18-300E	111342	E563-18-300AL	110136	FE5A-18-400	110808
0326-18-300	110133	B61P-18-300F	111342	E563-18-300B	110136	FE5A-18-400A	110808
0327-10-300	110133	B61P-18-400	110808	E568-18-300	110136	FE79-18-400	110149
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2677-18-300	110133	B6EW-18-300	111807	F290-18-300	110664	GY01-18-300E	114356
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3936-18-300	110133	B6S8-18-400A	110808	F290-18-300B	110664	GY01-18-300G	114356
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4780-18-400A	111005	BP4W-18-300C	111384	F2D4-18-400	110810	GY01-18-300J	114356
4828-18-300	112270	BP6D-18-300	112067	F2D4-18-400A	110810	GY01-18-W9XA	114356
		BP6D-18-300A	112067	F505-18-400	110810	H612-18-300	112270
		BPD4-18-400	111970	F601-18-400	110149	HE41-18-300	110134

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MERCEDES BENZ <i>Continued</i>							
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0061513701	113282	0081549202	112194	0111540502	113442	0131547002	114380
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0061541602	112098	0091544002	111354	0111548002	114040	0141545302	113351
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1321510001	114487	6611513501	111065	A0031514501	110206	A0051517001	114003
1321540001	114472	6611513801	114270	A0031514601	110210	A0051517301	111347
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1351540202	115441	6681540202	113251	A0031515401	110368	A0051519401	111771
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MERCEDES BENZ <i>Continued</i>							
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A002TB1299	113785	A003T03393	110802	A003TB2691D	115438	A004TA0091F	112772
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A002TB4791	113603	A003T08491ZC	111315	A003TB6781	114839	A004TA8491	115879
A002TB4791A	113603	A003T08699	111956	A003TB6781A	114839	A004TA8492	112427
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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A004TF0091B	112460	A005T20374	110168	A005TB0091	114841	A1T20271	110128
A004TJ0081C	114859	A005T20377	110134	A005TB0891ZE	114245	A1T20572	110133
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A004TJ0084B	114859	A005T20484	110805	A005TB1391	114841	A1T20579	110133
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A004TJ0282	116216	A005T21071	110318	A005TG0091BE	115441	A1T21372	110133
A004TJ0282AM	116216	A005T21077	110318	A005TG0091ZE	115441	A1T21374	110133
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A004TJ0582	115651	A005T21471	110136	A005TG0192A	115474	A1T21397	110133
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A004TR5091	114508	A005T21684	110805	A005TG0291	114881	A1T22074	111042
A004TR5091ZT	114508	A005T21871	110168	A005TG0491ZT	115477	A1T22581	110128
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A004TR5391	114407	A005T31372	111289	A005TJ0591ZT	116224	A1T24571	110264
A004TR5391ZT	114407	A005T31772	111289	A005TJ0591ZX	116224	A1T25077	112270
A004TR5392	115577	A005T31773	111289	A005TL0092B	116153	A1T25083	112270
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A004TR5393	114407	A005T70178	111344	A005TL0491	116224	A1T25097	112270
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A004TR5794	115799	A005TA1091ZC	112349	A007T02077C	112492	A1T33771	110385
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A004TR5891ZT	114846	A005TA3891A	113322	A007T02491A	111279	A1T41291	110927
A004TU3586	115995	A005TA3891AC	113322	A007T02491B	111279	A1T70783	110448
A004TU3599	116164	A005TA3891C	113322	A007T02591	111279	A1TA1777	114807
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A004TU6285	115315	A005TA4291	114247	A007T03277A	111495	A1TA2293	113403
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A004TU9586	113886	A005TA4391	113952	A007T03371A	112068	A1TA3391A	113405
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A005T00192	110632	A005TA4591ZC	113035	A007T03771A	112069	A1TA3391C	113405
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A005T01577	111342	A005TA5491	113035	A007T04072	111285	A200TJ0481	115925
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A005T03092	110631	A005TA6191	111779	A007TA0171B	114079	A2T01483	110806
A005T03192	110631	A005TA6191ZC	111779	A007TA1491	112559	A2T01493	111406
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A005T04392	110631	A005TA6291E	113405	A0T25371	111832	A2T05892A	110664
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A005T06391	111285	A005TA6391A	113575	A1T02674	111841	A2T06384	111240
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A005T06491	111285	A005TA6391C	113575	A1T02871	110264	A2T09493	110659
A005T06491ZC	111285	A005TA6392	113246	A1T02991	111279	A2T09884	111240
A005T06891	111704	A005TA6392A	113246	A1T03191	111279	A2T10083	110806
A005T06891A	111704	A005TA6392B	113246	A1T03191ZC	111279	A2T13894	111264
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A005T06891C	111704	A005TA6591	113952	A1T03195ZC	111279	A2T14591	111293
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A005T07091	111279	A005TA6891A	111779	A1T04495	111279	A2T16472	110318
A005T07091A	111279	A005TA7091	113954	A1T04892	111578	A2T17172	110168
A005T07091ZC	111279	A005TA7091ZC	113954	A1T04892ZC	111578	A2T17783	111339
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A005T15684	110805	A005TA7191ZC	113954	A1T11574	111042	A2T19991A	110664
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
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A2T23477	110134	A2TA1994D	113485	A2TG1391	115795	A3T21371	110318
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A2T24172	110168	A2TA2091A	113604	A2TJ0281	115340	A3T32272	110307
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A2T24372	110168	A2TA2091E	113604	A2TJ0291	115548	A3T34872	110307
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A2T24971	110168	A2TA2094B	112688	A2TJ0391	114865	A3T45693	110804
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A2T27091E	111076	A2TA6099	112352	A2TN0076A	111587	A3TA1191	112362
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A2T40971	110307	A2TB4891B	112480	A3T02192	110856	A3TB0891A	113503
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A2TA0291F	112298	A2TC0981	112457	A3T09199	111956	A3TB4981	114112
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A2TA1191	111807	A2TC1391ZC	115661	A3T11278	111587	A3TB6091	115348

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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A3TB6781	114839	A3TR5092	114843	A4TU3586	115995	A5TA1091ZC	112349
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A3TR0094	113971	A4TR5891	114846	A5TA0791ZC	111279	A5TG1691ZE	115441
A3TR0094ZT	113971	A4TR5891ZT	114846	A5TA0991	113035	A5TG1891	116292
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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M002T52081	110280	M002T87671	112103	M003T25882	110158	M003T41081	110315
M002T52082	110280	M002T87971	111912	M003T25883	110315	M003T41083	110315
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M002T54083	111300	M002T88271	111912	M003T25981	110292	M003T41181	110256
M002T54085	111300	M002T88372	114279	M003T27581	110277	M003T41185	111452
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M002T56471	111275	M002T92071	110389	M003T27881	111728	M003T42781ZC	110958
M002T56472	111275	M002T92071A	110389	M003T29481	110277	M003T42881	110292
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STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
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M003T44091ZT	113040	M008T71371ZE	113319	M009T70379	113550	M0T37871ZE	115426
M003T44181	113040	M008T71471	113323	M009T72271	114003	M0T38071	116270
M003T44182	113040	M008T71471ZE	113323	M009T80071	114100	M0T38071ZE	116270
M003T44281	111310	M008T71571	111272	M009T80071	115893	M0T38771	115448
M003T47281	110158	M008T75071	112370	M009T80072	115517	M0T45071	111994
M003T48181	112215	M008T75071A	112370	M009T80271	115756	M0T45071ZT	111994
M003T49381	110808	M008T75073	112370	M009T80472	113851	M0T45171	114180
M003T49481	110808	M008T75073A	112370	M009T80472	115885	M0T45171ZT	114180
M003T49581	110808	M008T75074	112370	M009T80473	113851	M0T45271	114108
M003T49981	110421	M008T75074ZT	112370	M009T80473	115885	M0T45271ZT	114108
M003T49982	110421	M008T75171	111272	M009T82171	113827	M0T45275	114108
M003T52071	113194	M008T75371	113319	M009T82479	114330	M0T45275ZT	114108
M003T54071	111913	M008T75971	115330	M009T82671	114310	M0T45371	114057
M003T54072	111913	M008T76071	114232	M009T82671	115888	M0T45371ZT	114057
M003T56070	113129	M008T76071ZE	114232	M009T82672	114310	M0T45971	115842
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M003T56072	113129	M008T76072ZE	114232	M009T83071	115440	M0T46171	114487
M003T56073	113129	M008T80071	113195	M009T83671	113851	M0T46171ZT	114487
M003T56074	113129	M008T80071A	113195	M009T83672	113851	M0T46371	113932
M003T56075	113129	M008T80071B	113195	M009T84771	113851	M0T46371ZT	113932
M003T56082	113129	M008T80371	114185	M009T84771	115885	M0T60081	112368
M003T56084	113129	M008T80373	114185	M00T20871	114460	M0T60081A	112368
M003T56174	112323	M008T80471	114280	M00T38771	115448	M0T60082	112368
M003T56181	112323	M008T80471A	114280	M00T87881	113897	M0T60381	115525
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M003T61071	110809	M008T81571	115802	M0T20175	111451	M0T65381	114479
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M003T80571	110865	M009T60371	113673	M0T20472	116250	M0T70285	111303
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M003T90072	112267	M009T60372	113673	M0T20672	115359	M0T80081	111970
M003T95071	112342	M009T60372	115882	M0T20871	114460	M0T80082	111070
M003T95072	112342	M009T60471	113672	M0T20871ZE	114460	M0T80285	111312
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M003T95082	112342	M009T60473	115881	M0T20873	114460	M0T80581	111971
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M004T50073	113129	M009T60671	115883	M0T21571	115448	M0T81281	111971
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M004T95076	114343	M009T61473	115593	M0T30771	111971	M0T84381	110182
M004T95082	114343	M009T61473	115887	M0T31071	114488	M0T84381A	110182
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M005T22171	111273	M009T61474	115887	M0T31671	115774	M0T84781	111310
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M008T50071	112276	M009T62172	114872	M0T32173	115361	M0T86181	113927
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M008T50072	112276	M009T62173	114872	M0T32177	115361	M0T87181	111382
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M008T55578	114818	M009T62871	114873	M0T32271	113960	M0T87681	113819
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M008T60071	113669	M009T64171	115875	M0T32272	113960	M0T88081	114686
M008T60071A	113669	M009T64171ZT	114872	M0T32272ZE	113960	M0T88381	115778
M008T60371	114169	M009T64171ZT	115875	M0T32471	114488	M0T88681	113897
M008T60372	114169	M009T64371	114086	M0T32571	114443	M0T89182ZC	113906
M008T60373	114169	M009T64371	115896	M0T32571ZE	114443	M0T89281	116251
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M008T60872	114445	M009T64971	115887	M0T32771	115639	M0T90881	114485
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M008T60972	114474	M009T64972	115887	M0T33071	114761	M0T90981	113795
M008T61671	112822	M009T64973	114193	M0T33071ZM	114761	M0T91081ZC	111349
M008T61671	115880	M009T64973AM	114193	M0T33971	116275	M0T91082	111349
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M008T62471	115889	M009T65271	115896	M0T35671	115597	M0T91181	113618
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M008T70071	111300	M009T66171	114086	M0T36071	114060	M0T91182	113618
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M008T70471	110947	M009T66371	114872	M0T36371	115599	M0T91381	115553

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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MOT93581	113254	M1T78581ZC	112846	M2T43781	113141	M2T66871	110576
MOT93582	113254	M1T78881	111608	M2T43881	113141	M2T66872	110576
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M1T30072	113931	M1T79581	112300	M2T46081	111310	M2T67871	110576
M1T30073	113931	M1T79681	110572	M2T46081ZE	111310	M2T67872	110576
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M1T30172	114058	M1T80081	114460	M2T46781ZE	114060	M2T67881	110576
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M1T72483	110394	M2T20182	110277	M2T56475	111275	M2T88572ZC	114237
M1T72483ZC	110394	M2T23081	110278	M2T57271	110809	M2T88671	114059
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M1T72582	111241	M2T23685	111728	M2T57771	111476	M2T88971ZC	113977
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M1T72981A	111608	M2T30381	111310	M2T58681	110572	M2T90571	113964
M1T74081	111451	M2T30481	111475	M2T58881	113668	M2T90575	113964
M1T74081A	111451	M2T30581	111475	M2T58971	112177	M2T90671	115727
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M1T74286ZC	111349	M2T33781	111310	M2T61071	111461	M3T10272	110157
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M1T74581	110394	M2T37081	110279	M2T61171	111565	M3T10475	110182
M1T74581ZC	110394	M2T40081	110315	M2T61371	111275	M3T10476	110182
M1T74583	110394	M2T41081	110315	M2T62271	111272	M3T10476D	110182
M1T74583ZC	110394	M2T41085	111088	M2T62771	111565	M3T10672	110144
M1T75681	111451	M2T41171	111303	M2T62971	110809	M3T11272	110155
M1T76081	113044	M2T41381	111310	M2T63171	111565	M3T12671	110157
M1T76081ZC	113044	M2T41581	111475	M2T63371	111703	M3T12672	110157
M1T76082	113044	M2T41586	111475	M2T64271	113194	M3T13073	110277
M1T76082ZC	113044	M2T41881	111310	M2T64272	113194	M3T14572	110157
M1T76481	112300	M2T41885	111310	M2T64371	113210	M3T14672	110157

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
M3T14673	110157	M3T32584	110158	M3T44081	113040	M8T60873	114445
M3T15071	110157	M3T32585	110479	M3T44081ZT	113040	M8T60971	114474
M3T15072	110157	M3T32588	110158	M3T44091ZT	113040	M8T60972	114474
M3T15073	110157	M3T32589	110315	M3T44181	113040	M8T60973	114474
M3T15074	110157	M3T32591	110158	M3T44182	113040	M8T61671	112822
M3T15075	110157	M3T32592	110158	M3T44281	111310	M8T61671	115880
M3T15077	110157	M3T32593	110158	M3T47281	110158	M8T62471	114323
M3T15271	110277	M3T32681	110292	M3T48181	112215	M8T62471	115889
M3T15772	110157	M3T32985	110585	M3T49381	110808	M8T62471AM	114323
M3T15791	110292	M3T32986	110585	M3T49481	110808	M8T62471AM	115889
M3T15872	110157	M3T32988	110585	M3T49581	110808	M8T62771	115891
M3T15971	110292	M3T32989	110585	M3T49585	110149	M8T70071	111300
M3T15972	110292	M3T33081	110807	M3T49781	110808	M8T70371	111272
M3T20681	110144	M3T33181	110421	M3T49981	110421	M8T70471	110947
M3T21281	110256	M3T33182	111475	M3T49982	110421	M8T70471A	110947
M3T21281D	111452	M3T33183	111475	M3T52071	113194	M8T70971	113551
M3T21282	110256	M3T33281	114885	M3T54071	111913	M8T71371	113319
M3T21482	110277	M3T33282	110808	M3T54072	111913	M8T71371ZE	113319
M3T21781	110256	M3T33283	110808	M3T56070	113129	M8T71471	113323
M3T21881	110256	M3T33481	110421	M3T56071	113129	M8T71471ZE	113323
M3T21882	110256	M3T33581	110149	M3T56072	113129	M8T71571	111272
M3T21882D	111452	M3T33582	110149	M3T56073	113129	M8T71671	115378
M3T22581	110158	M3T33582A	110149	M3T56074	113129	M8T75071	112370
M3T22582	110158	M3T33583	110808	M3T56075	113129	M8T75071A	112370
M3T22681	110292	M3T33585	111310	M3T56076	113129	M8T75073	112370
M3T23081	110277	M3T33586	110149	M3T56082	113129	M8T75073A	112370
M3T24481	110149	M3T33586A	110149	M3T56084	113129	M8T75074	112370
M3T24482	110149	M3T33586D	110808	M3T56172	112323	M8T75074ZT	112370
M3T24482A	110149	M3T33587	110149	M3T56174	112323	M8T75171	111272
M3T24482H	110808	M3T33588	110149	M3T56181	112323	M8T75371	113319
M3T24482HC	110808	M3T33781	111310	M3T56182	112323	M8T75971	115330
M3T24482J	110808	M3T33781ZC	111310	M3T56183	112323	M8T76071	114232
M3T24482K	110808	M3T33785	111310	M3T61071	110809	M8T76071ZE	114232
M3T24483	110149	M3T33871	111310	M3T61171	110947	M8T76072	114232
M3T24485	110149	M3T34781	110394	M3T64172	111275	M8T76072ZE	114232
M3T24486	110149	M3T34782	110394	M3T67771	114394	M8T76171	115330
M3T24486A	110149	M3T37081	110279	M3T80571	110865	M8T80071	113195
M3T24486H	110808	M3T37782	110279	M3T90071	112267	M8T80071A	113195
M3T24487	110149	M3T37783	111312	M3T90072	112267	M8T80071B	113195
M3T24488	110149	M3T38481	110277	M3T95071	112342	M8T80371	114185
M3T24917	110292	M3T38682	110256	M3T95072	112342	M8T80373	114185
M3T25181	110256	M3T38862	110808	M3T95073	112342	M8T80471	114280
M3T25281	110277	M3T38881	110808	M3T95081	112342	M8T80471A	114280
M3T25282	110277	M3T38881A	110808	M3T95082	112342	M8T80472	114280
M3T25681	114856	M3T38881B	110808	M4T14772	110315	M8T80472A	114280
M3T25781	110158	M3T38881C	110808	M4T50071	113129	M8T81571	115802
M3T25782	110158	M3T38882	110808	M4T50073	113129	M8T85071	113195
M3T25783	110315	M3T38882A	110808	M4T50171	113129	M8T87171	114893
M3T25785	110315	M3T38882B	110808	M4T50177	113129	M8T87171M	114893
M3T25881	110158	M3T38882C	110808	M4T55071	112342	M9T20171	115840
M3T25882	110158	M3T38883	110808	M4T55072	112342	M9T20172	115840
M3T25883	110315	M3T38884	110808	M4T55076	112342	M9T50471	114838
M3T25885	110315	M3T38885	110808	M4T55077	112342	M9T60171	113746
M3T25981	110292	M3T38981	110394	M4T74281	110158	M9T60371	113673
M3T27581	110277	M3T39385	110149	M4T95071	114343	M9T60371	115882
M3T27582	110277	M3T39481	110808	M4T95072	114343	M9T60372	113673
M3T27681	110278	M3T39981	110394	M4T95076	114343	M9T60471	113672
M3T27685	110278	M3T40081	110315	M4T95082	114343	M9T60471	115881
M3T27686	110278	M3T40371	110584	M4T95481	111000	M9T60473	113672
M3T27686D	110278	M3T40371	116306	M5T22171	111273	M9T60473	115881
M3T27686H	110278	M3T41081	110315	M5T23172	111275	M9T60671	113676
M3T27686N	110278	M3T41083	110315	M5T27671	111913	M9T60671	115883
M3T27688	110278	M3T41088	110315	M6T10673	113129	M9T60672	113676
M3T27781	110279	M3T41181	110256	M7T03774	110999	M9T60672	115883
M3T27781D	110279	M3T41185	111452	M7T03777	110999	M9T61171	113830
M3T27881	111728	M3T41281	110315	M8T50071	112276	M9T61171	115884
M3T29481	110277	M3T41282	110315	M8T50071A	112276	M9T61171ZA	113830
M3T29482	110277	M3T41285	110315	M8T50072	112276	M9T61171ZA	115884
M3T29681	110421	M3T41381	110278	M8T50471	114167	M9T61471	114193
M3T30281	110149	M3T41681	110277	M8T50473	114167	M9T61471AM	114193
M3T30282	110149	M3T41781	110394	M8T55578	114818	M9T61471AM	115877
M3T30285	110149	M3T41881	111310	M8T55579	114818	M9T61473	115593
M3T30286	110149	M3T41885	111310	M8T55779	114818	M9T61473	115887
M3T30881	110808	M3T42281	110278	M8T60071	113669	M9T61474	115593
M3T30981	111005	M3T42681	114856	M8T60071A	113669	M9T61474	115887
M3T31471	110394	M3T42781	110958	M8T60371	114169	M9T61571	113672
M3T32281	110149	M3T42781ZC	110958	M8T60372	114169	M9T61571	115881
M3T32282	110149	M3T42881	110292	M8T60373	114169	M9T61671	113984
M3T32581	110158	M3T43181	111552	M8T60374	114169	M9T61971	115556
M3T32582	110158	M3T43481	110958	M8T60871	114445	M9T61971	115886
M3T32583	110158	M3T43581	110808	M8T60872	114445	M9T62071	115556

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
M9T62172	114872	MD021678	110158	MD162842	111241	MD332546	112065
M9T62172	115875	MD021685	110158	MD162964	112129	MD334176	112205
M9T62173	114872	MD022572	110318	MD162975	110809	MD334546	112065
M9T62173	115875	MD022576	110318	MD164975	110809	MD335227	112205
M9T62671	114733	MD022578	110318	MD164976	111476	MD339609	112129
M9T62671	115894	MD022579	110318	MD164977	111461	MD340419	112355
M9T62871	114873	MD025679	110318	MD164978	111565	MD341353	115927
M9T64171	114872	MD027400	110315	MD169683	110802	MD343416	112327
M9T64171	115875	MD027401	110315	MD171228	110572	MD343562	112328
M9T64171ZT	114872	MD027661	110318	MD172860	110811	MD344182	111912
M9T64171ZT	115875	MD034120	110158	MD172863	111241	MD344183	113445
M9T64371	114086	MD034121	110158	MD174483	110811	MD344963	111587
M9T64371	115896	MD034212	110157	MD177596	111565	MD348221	111912
M9T64971	115593	MD041700	110318	MD180238	110158	MD350608	111806
M9T64971	115887	MD041701	110318	MD180239	110958	MD350609	112362
M9T64972	115593	MD050190	110805	MD189054	110292	MD353869	113832
M9T64972	115887	MD050205	110809	MD189658	111375	MD354797	111375
M9T64973	114193	MD060793	110805	MD189659	111375	MD354802	114461
M9T64973AM	114193	MD061150	110318	MD191402	111375	MD354804	114432
M9T65271	114086	MD061151	110318	MD191433	110809	MD354809	113310
M9T65271	115896	MD061154	110809	MD191435	110809	MD356104	111971
M9T65479	114819	MD064066	110318	MD191437	111565	MD356178	113638
M9T65571	116087	MD064067	110318	MD192134	111587	MD357744	112418
M9T66171	114086	MD064068	110318	MD192136	111587	MD358421	112327
M9T66171	115896	MD066761	110315	MD192228	110958	MD358607	112327
M9T66371	114872	MD067411	110805	MD193323	111375	MD359972	113040
M9T66371	115875	MD068565	110805	MD197470	111406	MD360368	111971
M9T70172	114003	MD069166	110809	MD200695	111626	MD360635	112327
M9T70173	114003	MD069859	110805	MD257744	112418	MD361621	111375
M9T70379	113550	MD070310	110805	MD301348	113040	MD362910	113638
M9T70977	113550	MD070934	110809	MD301348G	113040	MD366050	111594
M9T72271	114003	MD072582	110811	MD301350	113038	MD366051	112128
M9T80071	114100	MD072654	111461	MD301351	111971	MD366052	112355
M9T80071	115893	MD081567	110158	MD303481	112362	MD368519	112328
M9T80072	115517	MD081568	110158	MD304129	111872	MD371144	114187
M9T80271	115756	MD084414	110809	MD304139	110805	MD374904	112327
M9T80272	114100	MD086015	110805	MD306648	111872	MD667539	110958
M9T80272	115893	MD086016	110805	MD306649	111594	ME007578	111344
M9T80471	113851	MD095741	110805	MD306834	112128	ME012995	113195
M9T80471	115885	MD095865	111461	MD308088	111508	ME013008	113195
M9T80472	113851	MD096859	110805	MD309333	110659	ME014418	113195
M9T80472	115885	MD099667	110811	MD309471	111241	ME017001	113194
M9T80473	113851	MD100431	110315	MD309843	111587	ME017004	113194
M9T80473	115885	MD103372	111240	MD309844	111587	ME017034	110576
M9T82171	113827	MD103373	110806	MD309845	111375	ME017035	110576
M9T82171AM	113827	MD103564	110806	MD312857	111912	ME017036	110576
M9T82179	114729	MD106319	110806	MD312858	111912	ME017056	110576
M9T82479	114330	MD106320	110806	MD313076	113832	ME017061	110576
M9T82671	114310	MD106332	111240	MD313327	111241	ME017085	110576
M9T82671	115888	MD107615	110315	MD313384	114432	ME017089	110576
M9T82672	114310	MD112318	111240	MD313395	111806	ME017509	111344
M9T82672	115888	MD112625	111241	MD313939	111872	ME017550	111344
M9T82771	115440	MD114620	110659	MD313940	112128	ME017560	111344
M9T83071	115440	MD115514	110292	MD313942	112128	ME017561	111344
M9T83671	113851	MD121581	111565	MD314167	113445	ME017562	112210
M9T83671	115885	MD122625	111241	MD314235	112065	ME017614	113497
M9T83672	113851	MD124233	110806	MD315547	113445	ME017615	113506
M9T83672	115885	MD124234	111240	MD315548	113445	ME037150	113129
M9T83771	115439	MD130329	110802	MD316001	110158	ME037330	113129
M9T83771	115876	MD133171	110802	MD316418	113310	ME037465	113129
M9T84771	113851	MD133513	110802	MD317119	112362	ME037636	113129
M9T84771	115885	MD136838	110802	MD317401	111375	ME057200	112342
MCA02-0	110142	MD136839	110802	MD317860	112328	ME057350	112342
MCA02-2	110142	MD136933	111241	MD317862	112328	ME057845	112342
MD001155	110157	MD139839	110802	MD318086	110572	ME057985	112342
MD001333	110158	MD140189	111339	MD318458	113832	ME057990	112342
MD001550	110157	MD140190	111476	MD318460	114432	ME077048	113129
MD001552	110157	MD140750	110804	MD320354	112205	ME077407	113129
MD001555	110158	MD147245	111339	MD320618	110572	ME077790	114425
MD003550	110157	MD149750	110804	MD321445	113040	ME077796	113669
MD003551	110157	MD150657	111406	MD324754	111406	ME080740	114893
MD011550	110157	MD153843	110804	MD324755	111406	ME108080	114280
MD012085	110659	MD156986	110809	MD325700	113832	ME108364	114280
MD013740	110805	MD156987	111565	MD327514	112128	ME110JA	110149
MD016920	110479	MD156989	111461	MD327550	113832	ME152487	113746
MD016921	110315	MD160671	111238	MD327551	113832	ME193061	115330
MD017635	111042	MD161437	110158	MD328235	113638	ME193880	115330
MD017645	111042	MD162836	110158	MD329260	112295	ME200695	111626
MD021665	110157	MD162837	110315	MD330800	113832	ME200696	111956
MD021670	110157	MD162838	110958	MD331137	113445	ME200698	111956
MD021674	110315	MD162839	110811	MD332022	111971	ME201650	112370

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MITSUBISHI <i>Continued</i>							
ME201650A	112370	MW31216373	112471	MOTO GUZZI		510-453	110877
ME201745	111626	MWV3R	110142	0307307110	113974	510-456	110107
ME201837	111626	MWV4R	110142	30730710	113974	510-492	110107
ME201838	111956	MXYR	110155	30730711	113974	510-501	110107
ME202232	113321	PW501783	110158			510-54	110968
ME202755	111626	PW536097	111375			510-56	110970
ME202970	112370			MOTORCRAFT		510-59	110969
ME202971	111956	MONARK		EFG8	110568	510-803	110127
ME203546	113321	081042380	113351	EGL1304	112143	510-804	110052
ME204424	112370	081046590	113998	EGL206	111364	510-810	112112
ME204424A	112370	081047430	114008	EGL206R	111364	510-811	112112
ME204425	112370	081164036	111851	EGL217	111289	510-812	112112
ME204425B	112370	081165106	111694	EGL217R	111289	510-813	112112
MEA03-0	110157	081251002	114523	EGL218	111289	510-816	110127
MEA03-1	110157	081251007	112446	EGL218R	111289	510-817	110052
MEA03-2	110157	081251007	116135	EGL220	110891	510-818	110127
MEA03-4	110157	081251008	113759	EGL220R	110891	510-819	110127
MEA07-0	110144	081251033	114523	EGL222	111364	510-822	112112
MEA07-1	110144	081495002	111982	EGL222R	111364	510-823	113713
MEA07-11	110144	081723010	113448	EGL225	111364	510-824	112112
MEA13-1	110155	081768131	111886	EGL225R	111364	510-825	112112
MEA13-2	110155	081768135	111746	EGL232	111356	510-826	112112
MEA24-1	110157	081768143	113448	EGL232R	111356	510-834	110048
MEA95-0	110277	081768148	113448	EGL247	111364	510-842	112112
MEC01-0	110277	081769014	112345	EGL247R	111364	510-845	111510
MEC01-1	110277	081769148	113448	GL382	112936	510-859	112112
MEC01-2	110277	081769686	110895			510-860	111510
MEC04-2	110277	337004	110525	MOTOROLA		510-864	111510
MED02-0	110157	523037	110524	110-313	113549	8AL2040FS	110408
MED02-1	110155	81360038	110527	2518071	111086	8EA2001F	110408
MED02-2	110155	81366062	110981	2541148	111948	8EA2002F	110408
MED03-1	110157	81366001	111640	2541163	111289	8EA2004F	110408
MED03-2	110157	81368024	110524	2541194	110178	8EA2011N	110408
MED03-3	110157	81380038	110527	2541263	110975	8EA2016F	110408
MED03-4	110157	81382305	110536	2541264	110358	8EB2002F	110408
MED04-2	110277	81382305	116139	2541423	111419	8EB2003F	110408
MES07-1	110144	81387004	110536	2541950B	112298	8EK2003FC	110487
MEY1R	110155	81387004	116139	2541951	112299	8EK2003FD	110487
ME-Y1R	110155	81387034	110525	2541971B	112480	8EK2004DE	110487
MEY3R	110155	81388001	110523	2541982A	112679	8EK2005NC	110488
MG120560	110386	81388010	110527	2542265	112472	8EK2005ND	110488
MK666919	112441	81388020	110518	2542297	112469	8EK2006FC	110487
MM115513	110292	81388024	110524	2542397	112469	8EK2007NC	110488
MM115514	110292	81388081	111640	2940060	113477	8EK2008FC	110487
MM115517	110292	81388309	110524	2940080	111362	8EK2011FA	110487
MM115518	113668	81388310	113468	2940275	111071	8EK2011FB	110487
MM115519	113668	81391004	112224	2940303	111288	8EK2011FC	110487
MM317600	112178	81391006	111910	2940304	112149	8EK2012NB	110488
MM40374001	114856	81392006	111910	2940304A	112149	8LHA2012NO	110173
MM409410	110933	81392007	112581	2940305	112149	8LHA3025PA	110173
MM409411	110947	81456002	110206	2940305A	112149	8MR2069TA	111575
MM409413	110947	81460037	110214	2940311	111094	8MR2070TA	111576
MM409414	110933	81460046	110205	2940311A	111094	8MR2197T	116079
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MM435081	111832	81466005	110207	432984QO	110107	8SC3002Y	110175
MM435752	111832	81466008	110210	510-104	110178	8SC3005Y	110176
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MN128202	114488	81466023	110206	510-122	110968	9AL2696G	110743
MN128992	115348	81466036	110535	510-123	110975	9AL2707L	110913
MN137825	114488	81466044	110932	510-146	110975	9AL2708G	111653
MN137866	112205	81466051	110206	510-163	110968	9AL3955G	112097
MN137867	111594	81466052	110582	510-187	110107	9AL5009	111043
MN153444	115359	81466062	110981	510-249	110077	9AL5009F	111043
MN155953	115441	81467001	110210	510-298	110107	9AL5050K	110890
MN158384	113782	81467005	110213	510-299	110107	9AR2501K	110891
MN163016	115348	81467006	110213	510-300	110107	9AR2510	111948
MN176584	116250	81467007	110532	510-301	110107	9AR2512	111176
MN183450	113782	81467023	111219	510-315	110107	9AR2512P	111176
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MN960266	114406	81467043	112119	510-320	110107	9AR2513F	111948
MOO1T68381	114444	81467045	110212	510-347	110112	9AR2514	111948
MOT87881	113897	81467053	111231	510-348	110112	9AR2514F	111948
MOT90981	113795	81467065	112116	510-368	110107	9AR2515	110913
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MR994325	111971			510-388	110163	9AR2517K	110913
MR994922	114108			510-39	110970	9AR2518F	110913
MW30620657	112474			510-397	110116	9AR2525	110913
MW30638577	112471			510-404	110877	9AR2525F	110913

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9AR2525K	110913	9AR2705G	110968	9AR2883G	110360	MOTOROLA USA	
9AR2526	110913	9AR2706	110969	9AR2884L	110913	10-298	110175
9AR2526F	110913	9AR2706G	110969	9AR2887	110107	110-054	110408
9AR2526K	110913	9AR2707G	111289	9AR2888	110107	110-060	110422
9AR2527	110913	9AR2708G	111653	9AR2895	110759	110-066	110422
9AR2527K	110913	9AR2709L	110913	9AR2895F	110759	110-112	110408
9AR2528	110913	9AR2712P	110127	9AR2896G	110360	110-124	110173
9AR2528F	110360	9AR2713	110052	9AR2897L	110913	110-128	110173
9AR2529	110975	9AR2714	111043	9AR2904	113376	110-155	110408
9AR2529F	110975	9AR2714F	111043	9AR2904K	113376	110-158	110175
9AR2533	110891	9AR2715F	112310	9AR2904L	113376	110-161	110408
9AR2533P	110891	9AR2723P	112112	9AR2913	110969	110-166	110422
9AR2538K	110891	9AR2724P	112112	9AR2915F	110178	110-177	110408
9AR2539	110968	9AR2725F	110107	9AR2916	110178	110-181	110937
9AR2539K	110968	9AR2726	110913	9AR2916F	110178	110-183	110175
9AR2545	111289	9AR2726G	110913	9AR2917	111086	110-184	110176
9AR2547	110970	9AR2727	111653	9AR2917G	111086	110-185	110408
9AR2547F	110970	9AR2727G	111653	9AR2918	111185	110-189	110422
9AR2548	110970	9AR2730P	111071	9AR2918G	111185	110-190	110422
9AR2548K	110970	9AR2731R	111071	9AR2919	113574	110-228	110937
9AR2549	110970	9AR2732P	112112	9AR2919P	113574	110-229	110937
9AR2549F	110970	9AR2733P	112112	9AR2944K	111948	110-238	110445
9AR2553	111948	9AR2734P	112112	9AR2950P	110889	110-241	110408
9AR2553K	111948	9AR2735P	112112	9AR2951	111686	110-244	110445
9AR2556	111948	9AR2738P	110127	9AR2951L	111686	110-250	110937
9AR2556K	111948	9AR2740P	110127	9AR2958	112112	110-254	110937
9AR2561	110968	9AR2741F	110127	9AR2958P	112112	110-255	110937
9AR2561K	110968	9AR2741P	110127	9AR2960F	110968	110-258	110176
9AR2562	110969	9AR2744P	112112	9AR2963	113574	110-258A	110176
9AR2562K	110969	9AR2745P	112112	9AR2963L	113574	110-261	110408
9AR2566G	111948	9AR2746P	112112	9AR2968	110105	110-262	110408
9AR2566K	111948	9AR2747P	112112	9AR2968K	110105	110-268	110937
9AR2569	110969	9AR2756	110913	9AR2977	110919	110-269	110408
9AR2569G	110969	9AR2756F	110360	9AR2977L	110919	110-273	110408
9AR2570	110968	9AR2759K	110358	9AR2978	111289	110-276	110173
9AR2570G	110968	9AR2759K01	110358	9AR2984	110877	110-285	113549
9AR2588	110911	9AR2759K02	110358	9AR2984L	110877	110-288	110408
9AR2588K	110911	9AR2763	110913	9AR2999P	112112	110-289	110408
9AR2596K	110911	9AR2763F	110913	9AR3713	110052	110-292	110959
9AR2602F	110759	9AR2764	110913	9AR3713G	110052	110-293	110959
9AR2603	110179	9AR2764L	110913	9AR3739	110052	110-294	110959
9AR2603F	110179	9AR2765	110358	9AR3739G	110052	110-296	110173
9AR2603G	110179	9AR2775	110127	9AR3806G	110163	110-297	110173
9AR2604L	110891	9AR2775F	110127	9AR3855G	111510	110-298	110175
9AR2604P	110891	9AR2780	110911	9AR3921G	110112	110-302	110175
9AR2611F	110759	9AR2780K	110911	9AR3927G	110113	110-316	110175
9AR2612	110759	9AR2784K	110358	9AR3952	112097	110-324	110408
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9AR2613	110759	9AR2786K	111948	9AR3959G	111510	110-330	110408
9AR2613F	110759	9AR2792	111653	9AR3961	110163	110-331	110408
9AR2620	111289	9AR2792G	111653	9AR3987G	110116	110-333	110408
9AR2621L	110911	9AR2803F	110969	9AR5006G	111180	110-335	110408
9AR2627	110759	9AR2826K	111948	9AR5006G	116133	110-336	110408
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9AR2629	111289	9AR2830L	110913	9AR5015L	110913	110-342	110408
9AR2630K	111362	9AR2831P	112112	9AR5019	110179	110-343	110408
9AR2636G	110913	9AR2835	110360	9AR5021G	111086	110-354	110959
9AR2638	110911	9AR2835G	110360	9AR5022	111289	110-355	110959
9AR2638P	110911	9AR2839G	111653	9AR5022G	111289	110-380	110408
9AR2650	111289	9AR2841	110968	9AR5028K	110358	110-386	110959
9AR2650D	110968	9AR2843G	111289	9AR5028K02	110358	110-389	110959
9AR2651	110969	9AR2845	110358	9AR5030L	110919	110-399	110487
9AR2651D	110969	9AR2846	110358	9AR5037	110877	110-400	110488
9AR2652	111289	9AR2846K	110358	9AR5037L	110877	110-402	111575
9AR2652F	111289	9AR2851	111948	9AR5040K	111948	110-403	111576
9AR2653	110969	9AR2851K	111948	9AR5045L	110913	110-415	110408
9AR2653F	110969	9AR2852	111948	9AR5055	112162	110-431	114347
9AR2654G	110968	9AR2852K	111948	9AR5055P	112162	110-440	110173
9AR2655G	110969	9AR2853	111948	9AR5060	110968	110-446	110173
9AR2683	110968	9AR2853K	111948	9AR5062K	111075	110-459	112294
9AR2683G	110968	9AR2854P	112112	9AR5070K	111948	110-466	110173
9AR2684P	110969	9AR2856	111948	9AR5083G	110107	110-470	110408
9AR2698F	110759	9AR2856K	111948	9AR5088L	110919	110-492	110408
9AR2699G	110968	9AR2861K	111948	9AR5092K	111289	110-498	110408
9AR2700	111289	9AR2862K	111948	9AR5099L	110919	110-50	110422
9AR2700G	111289	9AR2872P	111071	9AR5100	110913	110-504	110408
9AR2701	111289	9AR2874R	111071	9AR5100G	110913	110-505	110408
9AR2703	111289	9AR2877	110179	9AR6000	111510	110-515	110408
9AR2703F	110759	9AR2878	110969	9AR6000G	111510	110-517	110959
9AR2704F	110969	9AR2883	110360	9BE2KA2A	110913	110-534	111761
9AR2705	110968			9BE2NB2A	110913	110-54	110408

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
MOTOROLA USA <i>Continued</i>							
110-556	110408	8LHA3025R	110173	605710100112	110766	0-23000-0051	111212
110-565	113898	8LHA3071P	110173	605710100130	111662	0-23000-0052	111212
110-567	111761	8LHA3073PS	110173	605710100130	116131	0-23000-0053	111212
110-568	114348	8LHA3096U	112294	605710100136	110641	0-23000-0060	111212
110-569	110176	8LHA3096UC	112294	605710100146	110766	0-23000-0061	111212
110-60	110422	8LHC2004Z	110937	605720100016	110512	0-23000-0062	111212
110-600	110488	8LHC2010Z	110937	605720100021	114170	0-23000-0063	111212
110-602	111575	8MR2023F	110959	605720100048	115376	0-23000-0130	110568
110-603	111576	8MR2024F	110959	605720100071	111332	0-23000-0260	110568
110-629	110408	8MR2035T	110445	605720100105	111332	0-23000-0261	110568
110-66	110422	8MR2036K	110959	905720100079	113346	0-23000-0262	110568
110-686	110959	8MR2039K	110959	NEW HOLLAND			
110-699	110487	8MR2044K	110959	185046440	115342	0-23000-0263	110568
110-750	110138	8MR2049K	110959	185086530	113696	0-23000-0330	111212
110-96	110422	8MR2049KA	110959	2852405	114196	0-23000-0331	111212
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8AL2034K	111096	8MR2051FAS	110408	323019050	114021	0-23000-1030	110580
8AL2051F	110408	8MR2069T	111575	47129299	114701	0-23000-1031	110580
8AL2065K	110138	8MR2070T	111576	47383500	114450	0-23000-1032	110580
8AL2106FA	110408	8MR2091KSS	110959	47744887	114896	0-23000-1033	110580
8AR2018F	110408	8MR2175F	110487	47783079	113182	0-23000-1050	110580
8AR2022F	110408	8MR2185L	110488	4897223	114050	0-23000-1060	110580
8AR2024F	110408	8MR2401U	111761	500322763	114669	0-23000-1061	110580
8AR2026F	110408	8MR2401UA	111761	500322764	114669	0-23000-1070	112649
8AR2033F	110408	8SA2017R	110937	500322764	114669	0-23000-1071	112649
8AR2037F	110408	8SA2022R	110937	500338953	110813	0-23000-1073	112649
8AR2041F	110408	8SA3005P	110173	500338953	110813	0-23000-1260	111254
8AR2050	110408	8SA3006P	110173	500364130	114384	0-23000-1260	110656
8AR2060F	110408	8SA3065P	110173	73327987	115689	0-23000-1290	110656
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8AR2066FA	110498	8SC2007ZR	110937	82010242	112718	0-23000-1310	111254
8AR2068F	110498	8SC2010Z	110937	82010243	113529	0-23000-1410	110656
8AR2069F	110408	8SC2282VG	113898	82010243	113529	0-23000-1550	110656
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8AR2160F	110408	8SC3005V	110176	82014508	113529	0-23000-1580	112341
8AR2169F	110408	8SC3009Z	110176	82020011	113621	0-23000-1581	112341
8EA2001FA	110408	8SC3009ZA	110176	82021372	114447	0-23000-1588	112341
8EA2026FA	110408	8SC3011U	110175	82032859	114050	0-23000-1670	110580
8EB2001F	110408	8SC3014	110175	8210242	112718	0-23000-1700	111254
8EK2003FA	110487	8SC3014U	110176	82980757	110813	0-23000-1750	110656
8EK2003FB	110487	8SC3015U	110175	84043545	110368	0-23000-1752	110656
8EK2004DA	110487	8SC3019U	110175	84141452	113621	0-23000-1810	112267
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8EK2004DC	110487	8SC3068V	114347	84151331	114050	0-23000-1830	111041
8EK2005NA	110488	8SC3068VC	114347	84208903	114002	0-23000-1840	110602
8EK2005NB	110488	8SC3110V	114348	86992395	114224	0-23000-1850	112268
8EK2006FA	110487	8SC3110VC	114348	87040161	114399	0-23000-1860	110590
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8EK2007NB	110488	8SC3238VC	114349	87318759	116137	0-23000-1890	110604
8EK2007ND	110488	8SC4006U	110408	87376491	110813	0-23000-1900	110590
8EK2008FA	110487	8TA2003D	110422	87422777	114191	0-23000-1940	113435
8EK2008FB	110487	8TA2009E	110422	87470949	113182	0-23000-2000	111222
8EK2009FA	110487	8TA2009EE	110422	87565015	115682	0-23000-2010	112268
8EK2009FB	110487	8TA2010E	110422	87573243	114228	0-23000-2020	112267
8EK2009FC	110487	8TA2010ES	110422	87652087	113621	0-23000-2030	111760
8EK2010NA	110488	8TA2011	110422	87751000	113570	0-23000-2031	111760
8EK2010NB	110488	8TA2021E	110422	87755550	114447	0-23000-2040	111760
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8EM2001FA	110408	9FB2LD2A05	110975	89705428	115530	0-23000-2070	112668
8EM2001FAS	110408	A12N451	110408	99478834	114669	0-23000-2100	111254
8EM2002F	110408	A12NTK451	110408	SBA185046440	115342	0-23000-2101	111254
8EM2002FA	110408	A12NTK452	110408	NIKKO			
8EM2003K	110959	MDA3920	112159	0-21000-3291	110580	0-23000-2102	111254
8EM2003KA	110959	RA12N451	110408	0-21000-3600	110580	0-23000-2103	111254
8EM2004K	110959	RA12N453	110408	0-21000-3650	110580	0-23000-2140	112268
8EM2004KB	110959	TA12N325	110422	0-21000-3660	110580	0-23000-2160	110602
8EM2004KBS	110959	TA12N327	110422	0-21000-3661	110580	0-23000-2201	111254
8EM2007K	110959	TA12N400	110422	0-21000-3730	110412	0-23000-2260	113452
8EM2007KA	110959	TA12NJD325	110422	0-21000-3661	110580	0-23000-2270	111760
8EM2014KA	110959	TA12NJD400	110422	0-21000-4230	110412	0-23000-2340	112649
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8HC3022F	113549	12270186	112098	0-21000-4471	110580	0-23000-2342	112649
8HC3022FS	113549	12270612	111978	0-21000-5230	110412	0-23000-2343	112649
8HC3025F	113549	305710100004	110766	0-21000-5231	110412	0-23000-2350	111982
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8LHA3025P	110173	605710100109	110641	0-23000-0040	111212	0-23000-2370	114710
8LHA3025PA	110173						
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						0-23000-2374	114710
						0-23000-2386	114164
						0-23000-2430	112267

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0-23000-2434	112267	0-35000-0471	112160	23100-02N14	112093	23100-4M510	113317
0-23000-2450	112267	0-35000-0480	112160	23100-02N15	112093	23100-4Z400	113317
0-23000-2460	112267	0-35000-3010	115994	23100-02N16	110701	23100-50K10	112068
0-23000-2470	111760	0-35000-3011	115994	23100-02N17	111316	23100-50K15	112069
0-23000-2540	111254	0-35000-3012	115994	23100-02N18	112093	23100-50Y05	110631
0-23000-2541	111254	0-35000-3013	115994	23100-02N19	112093	23100-50Y06	110631
0-23000-2560	110656	0-35000-3370	115780	23100-02N20	110701	23100-50Y08	110631
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0-23000-3010	110580	0-35000-4501	115445	23100-03B00	110264	23100-51H00	113418
0-23000-3016	110580	0-35000-4858	115814	23100-04M00	110307	23100-51H02	113418
0-23000-3150	110555	0-35000-8380	115534	23100-04M10	110307	23100-54B61	111280
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0-23000-3184	110555			23100-0E700	110631	23100-57J02	111294
0-23000-3185	110555			23100-0E705	110631	23100-57J03	111294
0-23000-3186	110555			23100-0E706	110631	23100-57J04	111294
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0-23000-3285	114164			23100-0E715	110631	23100-5Y700	111381
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Cross reference list

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23300-B03G0	110279	23300-H7302	110142	23300-VC10B	114764		
23300-B0700	110156	23300-H9101	110280	23300-VC111	114875		
23300-BC200	115361	23300-H9112	110280	23300-VC11A	114875		
23300-BC20A	115361	23300-JG70A	114074	23300-VC11B	114875		
23300-BC20B	115361	23300-JG70B	114074	23300-VK500	113964		
23300-BC20C	115361	23300-K9160	111108	23300-VK50A	113964		
23300-BC400	113897	23300-L1110	110256	23300-VM00A	113964		
23300-BC40B	113897	23300-L1111	110256	23300-VW201	114032		
23300-BN301	113319	23300-L1800	110386	23300-W0400	110277		
23300-BN302	113319	23300-L2911	110256	23300-W0401	110277		
23300-BN700	113927	23300-L2912	110256	23300-W0402	110277		
23300-BN701	113927	23300-L6000	110616	23300-W0403	110277		
23300-BN70A	113927	23300-L6600	110616	23300-W0410	110277		
23300-C0600	110617	23300-M8000	110279	23300-W0411	110277		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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389954	110644	1202017	111559	1204040	112056	13197578	114451
391264	111864	1202026	111136	1204054	112720	13222929	114249
391511	112145	1202033	111534	1204056	111164	13222930	114492
391554	110644	1202045	110839	1204064	112056	13222931	115304
391735	110240	1202048	110844	1204067	112056	13222933	115843
392133	111043	1202088	114124	1204070	111169	13222934	114895
393259	111864	1202110	115719	1204087	111169	13222935	114409
393988	110644	1202115	114510	1204090	112056	13222936	114754
394176	111864	1202117	114726	1204091	112056	13229984	114668
396235	112145	1202120	114728	1204105	111169	13229985	115306
396313	111864	1202125	110847	1204107	112056	13229987	113352
397023	112145	1202127	111123	1204108	112229	13229990	114202
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434795	111864	1202130	110847	1204121	112229	13229992	114088
438878	112157	1202131	111127	1204123	111990	13243463	114451
582047	111864	1202136	111136	1204131	112056	13256928	115308
582155	110644	1202137	111123	1204134	113879	13256929	114451
583482	110647	1202140	111848	1204136	111824	13256930	113720
584799	112145	1202141	113446	1204144	111186	13256930	116064
585050	110240	1202142	111123	1204146	111732	13256931	114754
585051	110644	1202143	110839	1204157	112272	13256932	114409
585056	110647	1202145	111848	1204158	112271	13256933	114895
585057	110644	1202147	111559	1204160	114656	13266809	116203
585058	110240	1202148	113674	1204170	111767	13266810	116202
585061	111043	1202152	111559	1204180	115410	13283343	113720
585063	110647	1202154	112083	1204197	110972	13283343	116064
585196	110644	1202156	110839	1204198	110972	13283344	113722
585197	110240	1202157	111690	1204209	112056	13283344	115963
586257	112157	1202159	111848	1204216	112056	13308507	114510
586278	111043	1202161	111534	1204222	111168	13308508	114088
586279	110647	1202163	111559	1204316	111168	13500186	114726
586280	110647	1202166	112821	1204317	110972	13500329	114067
586281	110240	1202166	115870	1204318	110972	13500332	116180
586283	110644	1202168	113446	1204319	110972	13500577	114779
586286	112157	1202172	111123	1204320	110972	13500582	114728
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984456	110216	1202216	115768	1204426	114895	13505392	116022
985237	111864	1202217	115395	1204433	113955	13512750	114067
		1202219	116022	1204434	113904	13512751	115861
		1202222	115575	1204436	114204	135579120	116202
		1202229	116257	1204618	114121	13579114	115761
		1202233	115830	1204621	114067	13579662	114726
		1202235	114779	1204623	114847	13579663	114728
		1202236	115526	1204643	115526	13579666	114779
		1202261	114726	1204648	116008	13579667	115410
		1202262	115410	1204651	116180	13579668	115526
		1202271	115346	1204654	114779	13579676	115911
		1202272	115429	12564088	114124	13588303	114067
		1202274	114493	12567585	114341	13588304	115861
		1202282	113931	12568931	114124	13588306	114847
		1202324	116203	12572716	111034	13588308	116022
		1202325	116202	12575626	114341	24430294	113352
		1202504	116257	12609317	115773	24430295	113352
		1202591	112320	12637159	115575	24436877	113276
		1202956	110839	12759595	114284	24437119	111824
		1202958	110847	12785605	114468	24439410	111426
		1202959	111127	13108597	114658	24439411	111732
		1202963	111274	13117236	113904	24447429	114431
		1204004	111168	13117278	113720	24451624	112468
		1204005	111168	13117278	116064	24454144	114124
		1204007	113376	13117279	113722	24454172	113446
		1204008	110972	13117279	115963	24463063	111990
		1204009	110972	13117340	113955	24463064	113879
		1204010	110972	13117341	114204	25198414	115395
		1204011	110972	13129850	113352	3493771	112056
		1204013	111168	13147093	115619	3493814	111514
		1204020	110972	13153236	113904	3493815	111514
		1204021	110972	13153237	115308	3493823	111426
		1204033	112056	13156051	111990	3493824	111426
		1204035	111164	13156052	111824	3493848	112229
		1204036	111164	13156054	115846	4403540	112471
		1204037	111164	13197577	113720	4404221	112475

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4404331	113248	6202017	113446	6204184	113352	90542981	111732
4405286	113837	6202020	113276	6204187	113955	90543234	111824
4411316	112471	6202022	114124	6204188	114204	90543871	111123
4411318	113245	6202037	114341	6204189	113904	90543872	111123
4412045	113248	6202043	112320	6204192	111990	90561167	113879
4414332	112474	6202044	114124	6204193	111824	90561169	112415
4414402	112474	6202048	111724	6204195	115846	90561967	111824
4415001	114032	6202050	113276	6204197	114121	90561970	111990
4415443	112475	6202055	114341	6204198	114121	90561971	112416
4416485	114122	6202060	113674	6204199	113956	90561972	115619
4416689	114700	6202061	113276	6204200	113956	90586916	112431
4416774	114074	6202064	113276	6204201	115308	90589721	111824
4417538	114074	6202066	111848	6204204	112416	9110411	113481
4417846	113248	6202071	113843	6204207	113352	9111540	112471
4417916	112475	6202072	113276	6204209	112416	9112221	112475
4419036	113993	6202073	114058	6204213	114451	9112331	113248
4419037	114032	6202074	113931	6204218	115843	9112333	112475
4419084	114814	6202075	111123	6204236	114656	9115190	113276
4420658	114826	6202077	113276	6204246	115846	9115191	111123
4421624	114074	6202079	113276	6204251	113941	9115192	111123
4430569	113245	6202083	113843	6204252	114121	9115197	113276
4430591	112471	6202084	114298	6204256	114249	91153669	115752
4434149	114700	6202085	114482	6204257	114895	91154217	111724
4500044	111937	6202087	112320	6204258	114409	91167270	112474
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4500256	112103	6202089	115597	6204265	114492	91167635	112475
4506175	112475	6202090	114124	6204271	115306	9117031	111123
4506176	113245	6202095	113843	6204274	114665	9117691	112431
4709919	114871	6202099	114029	6204275	114512	9117851	112416
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4805517	114159	6202105	114029	6204280	115308	9117932	113879
4805518	111848	6202125	114341	6204282	114754	9117936	115619
4808607	114235	6204000	111426	6204283	114409	9119309	112720
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55352105	114124	6204034	111514	90297896	111164	9160344	111937
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55353257	113843	6204043	111831	90337047	110972	9160556	112103
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55353857	113931	6204046	111515	90341777	111123	9163937	112229
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55556071	112416	6204071	111824	90349210	110972	9199321	113276
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55556245	114341	6204075	111824	90356665	111732	9200956	111824
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55572439	116257	6204105	112415	90443930	112229	9201826	113245
55572440	115646	6204106	111515	90443931	111732	92059410	111732
55576980	114298	6204109	111426	90444194	111514	92059984	111426
55578093	113843	6204112	113352	90449689	111848	92064181	111848
55578420	115830	6204113	113352	90451825	111848	93134147	114871
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55585237	113931	6204140	112271	90487345	111848	93160666	113245
55585238	114058	6204141	111514	90508036	111123	93160829	113248
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6202001	111559	6204155	111990	90511841	110839	93161427	113245
6202004	114124	6204173	113352	90512189	111848	93161735	114509
6202007	112431	6204178	115619	90512467	113674	93168346	114826
6202008	111848	6204179	111824	90518627	111848	93169014	112320
6202009	113674	6204180	113720	90519331	113674	93169024	113722
6202013	113276	6204180	116064	90519332	110839	93169024	115963
6202014	113674	6204181	113722	90540586	110839	93169026	113720
6202015	114341	6204181	115963	90542409	111788	93169026	116064
6202016	113276	6204183	113941	90542412	113446	93169028	113955

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2873003	110565	2873K626	114388	5702C5	113755	57056Z	113405
2873004	110565	2873K626	116308	5702C6	113755	57057A	113575
2873006	111346	2873K631	115389	5702C9	113246	57057C	113575
2873008	110819	2873K632	114387	5702E1	113640	57057E	112469
2873022	111737	2873K632	116307	5702E2	113640	57057F	112469
2873106	110450	2873K634	114388	5702E3	113640	57057G	113404
2873109	110449	2873K634	116308	5702E6	113246	57057H	113404
2873116	110439	2873K635	114852	5702E9	115541	57057K	112772
2873118	110439	287A703	115794	5702F0	113246	570589	111841
2873119	110442	31179	110443	5702F3	113755	57058C	113246
2873121	110443	31196	110442	5702F9	115541	57058E	113246
2873123	110442	31197	110442	5702G9	113946	57058G	113755
2873124	110442	3181A084	113763	5702H0	113946	570590	112754
2873126	110464	34237	110442	5702H4	113948	570591	112162
2873141	110443	34263	110482	5702J8	115582	570593	112162
2873143	110439	3586847	114387	5702L3	115604	570597	112162
2873145	110442	3586847	116307	570511	111075	5705AC	113755
2873147	110449	36560	115325	57051J	111723	5705AE	114680
2873152	110818	37701400	110615	57051N	112467	5705AF	113247
2873153	110464	3832557	113967	57051P	112703	5705AL	113755
2873155	110450	3873K625	114388	57051Q	112703	5705AQ	113246
2873168	110818	3873K625	116308	57051X	111723	5705AR	113640
2873179	110178	3943494	113763	57051Y	111723	5705AS	113640
2873180	110442	47920034	112277	570525	111076	5705AT	113403
2873181	110442	7523002	110442	57052A	112058	5705AW	113246
2873185	110442	7523821	110442	57052A	112058	5705AX	114859
2873186	110442	CH11087	112160	57052B	113603	5705AZ	113575
2873303R	112091	P30DC03A	114476	57052C	112480	5705C3	111071
2873A001	110615	T410874	114387	57052D	113503	5705CA	115541
2873A010	110443	T410874	116307	57052F	110619	5705CG	113575
2873A012	110439	TPN758	113763	57052J	111841	5705CJ	114391
2873A013	114730	TPN771	113763	57052K	111076	5705CP	114099
2873A015	110442	U5MK8261	112534	57052N	112230	5705CQ	112469
2873A016	110464	U85086770	114476	57052N	112292	5705CR	114090
2873A017	110439	U85086771	114476	57052P	113485	5705CS	113946
2873A029	111346			57052Q	111318	5705CW	115474
2873A030	111737	PETTER		57054C	112681	5705E1	110619
2873A031	111346	282250	110483	57054E	111498	5705E2	112782
2873A101	114730			57054F	112460	5705E6	112298
2873A102	110443	PEUGEOT		57054H	113405	5705E7	112299
2873A103	110442	1475489080	112053	57054J	113575	5705E8	112772
2873A104	110439	1606439580	115384	57054K	112469	5705EF	115371
2873A105	110464	1607835680	116153	57054N	112648	5705EK	115541
2873A15	110442	1608858080	115346	57054P	113404	5705EL	113404
2873B052	110819	1608858180	115667	57054Q	113404	5705EN	113246
2873B053	110460	1609842580	115739	57054R	112058	5705ER	112461
2873B055	114650	1612092980	113963	57054T	112058	5705ES	113755
2873B056	110615	1612794380	115400	57054U	113603	5705EV	113247
2873B057	114650	1616323380	115400	57054V	113603	5705EW	113755
2873B058	112277	5426014	111100	57054W	112480	5705EX	113640
2873B059	112277	5433495	111100	57054X	112480	5705EY	113640
2873B061	110819	5446241	110743	57054Y	113503	5705F2	112754
2873B071	110615	5446248	110743	57054Z	113503	5705F3	112230
2873B072	111346	5473145	110743	57055A	113405	5705F3	112292
2873B073	111346	5490308	111100	57055B	113575	5705F4	112230
2873D001	110565	5490438	110743	57055C	112469	5705FA	113246
2873D003	110443	5490668	110743	57055H	112460	5705FF	112467
2873D004	110819	5491319	110743	57055J	112460	5705FK	111723
2873D005	110439	5491448	111100	57055M	112648	5705FN	113485
2873D201	111793	555711	111075	57055N	112648	5705FP	111318
2873D202	111793	555724	111076	57055P	113404	5705FV	113603
2873D304	112037	555756	111076	57055Q	113404	5705FW	112058
2873K062	112091	555799	111071	57055R	113404	5705FX	112480
2873K401	113132	555807	111066	57055T	113405	5705FY	113503
2873K404	113654	555826	111063	57055U	113575	5705G0	112782
2873K405	113655	555836	111070	57055V	112469	5705G3	112460
2873K406	114278	555838	111070	57055X	112648	5705GF	112648
2873K414	115821	555893	111066	57055Y	113404	5705GG	113404
2873K601	115389	557024	111076	57055Z	113404	5705GH	113404
2873K604	114852	557291	112162	57056D	113246	5705GJ	112648
2873K605	114852	558007	111066	57056E	113246	5705GK	113404
2873K606	114852	558093	111066	57056K	114859	5705GL	113404
2873K607	116136	558098	110584	57056M	113404	5705GN	113405
2873K608	116136	5702A0	112461	57056P	113755	5705GP	113575
2873K612	116136	5702A1	112461	57056S	112648	5705GQ	112469
2873K621	114387	5702A3	113246	57056T	112648	5705GR	112772
2873K624	114388	5702A4	113246	57056U	113404	5705GV	111416
2873K624	116308	5702A6	113755	57056V	113404	5705GW	111568
2873K625	114388	5702A7	113755	57056W	113404	5705H7	112299
2873K625	116308	5702C0	113247	57056X	113404	5705HC	113755
2873K625	116308			57056Y	113405	5705HH	112754

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PEUGEOT <i>Continued</i>							
5705HJ	112782	5802CA	114854	5802Y6	113254	95667752	116306
5705HN	112299	5802CC	110584	5802Y9	112026	95667753	110584
5705HQ	112230	5802CC	116306	5802Z0	112436	95667753	116306
5705HT	112298	5802CG	110584	5802Z1	112026	95667754	111130
5705HV	112287	5802CG	116306	5802Z3	112436	9600282180	110587
5705HW	111532	5802CK	111029	5802Z5	113926	96016744	112162
5705HY	112688	5802CL	112053	5802Z6	113926	96017849	111029
5705HZ	112772	5802CP	111070	5802Z7	113926	9602174480	111841
5705J0	112230	5802CR	111994	5802Z8	113933	96028857	110584
5705JA	111318	5802CS	110587	5802Z9	113933	96028857	116306
5705JC	113604	5802CY	114460	5802AA	113933	96035033	111130
5705JE	111893	5802E2	111070	753509680	114811	9603503580	111070
5705JN	111841	5802E3	111421	753509680	116311	9603552180	111076
5705JR	112230	5802E3	116327	75350968006	114811	9605062980	110619
5705JR	112292	5802E4	111130	75350968006	116311	9605219380	110584
5705JS	110619	5802E5	113443	75491667	110743	9605219380	116306
5705JZ	112469	5802E8	110584	75491721	110743	96054384	111070
5705K7	112703	5802E8	116306	75491723	111100	9607641280	112298
5705KA	115760	5802E9	111029	75492566	111100	9608719280	110584
5705KG	114811	5802EF	113926	75492583	110743	9608719280	116306
5705KG	116311	5802EG	113933	7910004942	111066	9608719380	111029
5705KS	115582	5802EP	110584	7910027938	111066	9609313280	110584
5705KX	113405	5802EP	116306	91040098	111070	9609313280	116306
5705KY	113575	5802EQ	111070	9150747780	110587	9610205880	113443
5705L1	112287	5802ER	111029	9150747880	110587	9610601580	112299
5705L2	111532	5802ES	111130	9150864480	110587	9610601880	112772
5705L3	112772	5802ET	113443	9150864580	110587	9611365980	112298
5705L6	113485	5802EV	113960	9150866480	110584	96113668	112298
5705L7	112688	5802F3	111029	9151095080	111076	9611366880	112298
5705M8	112298	5802F6	112053	9151412580	111070	9611369580	112298
5705M9	112298	5802FC	113959	9151424580	111068	9612257180	112298
5705N0	112287	5802FD	115448	9151431280	111070	96122596	112292
5705N1	112287	5802FG	113254	91517980	111076	9612259680	112292
5705N2	111532	5802FJ	114460	91517981	111076	9612259880	112230
5705N3	111532	5802FJ	114460	91517982	111076	9613015980	111130
5705N7	112299	5802FP	113254	9151798380	111076	9613230280	111130
5705NA	113946	5802FR	115400	91536242	110584	9613496680	112292
5705NE	113755	5802G2	111029	91536242	116306	9615519880	111130
5705NR	115604	5802G4	112053	9153695080	111066	9616862980	112299
5705P7	112772	5802H4	113443	9467560280	112460	9617842880	111893
5705R2	112162	5802H5	112053	9467560380	112461	9617842980	113485
5705R5	113485	5802H6	112053	95125288	111070	9617843180	112703
5705R6	112688	5802H8	111070	95155198	110584	9617849180	112688
5705R7	112688	5802J3	113443	95155198	116306	9617861280	111318
5705S0	111568	5802L9	111029	95492810	110743	9617861380	111318
5705S1	112772	5802M0	111029	95494135	111071	9618725080	110584
5705S2	111318	5802M1	112124	95494137	111071	9618725080	116306
5705S3	111318	5802M3	111070	95494247	111100	9618946480	112703
5705S4	111318	5802M4	111070	95495512	111075	9618952880	112688
5705W4	111318	5802M5	112053	95495989	111071	9618961380	111318
5705W5	111318	5802M7	114460	95508644	110587	9618961480	113604
5705W7	111318	5802M9	111994	95514125	111070	9618961580	111318
5705W9	113604	5802N3	110584	9555507680	113926	9618961680	113604
5705X0	113604	5802N3	116306	95580160	110743	9619310280	111130
5705X2	112782	5802P8	110584	95580161	111100	9619333080	112299
5705X3	111532	5802P8	116306	9558385480	111115	9619333280	112299
5705X7	111893	5802Q1	110584	95607229	110587	9619333380	112772
5705X8	111893	5802Q1	116306	95607231	111076	9619429380	112782
5705X9	110619	5802Q2	111130	95607232	111075	9619916180	112703
5705Y0	112782	5802Q3	111029	95607233	111066	9620332580	112287
5705Y1	112230	5802Q7	111994	95607234	111070	9621191780	113485
5705Y4	112292	5802Q9	111994	95618728	110743	9621791480	112460
5705Y2	112230	5802R3	111994	95619191	111076	9621791680	112058
5705Z0	111076	5802R4	110584	95619192	111075	9623727180	112058
5705Z3	111841	5802R4	116306	95619197	111115	9623727280	113603
5705AA	112461	5802R5	111029	95624061	111841	9623727281	113603
580236	111070	5802R6	110587	95624960	110584	9623727380	112480
580285	111115	5802R8	111130	95624960	116306	9623727780	113603
580292	111070	5802S3	111070	95624961	111841	9623727880	112480
5802A0	110584	5802S3	114460	95632024	111841	9623727980	113503
5802A0	116306	5802S8	112053	95632727	112754	9624141480	113485
5802AH	115328	5802V4	113451	9563521080	111076	9624141580	112688
5802AJ	115328	5802V5	114460	95653968	112162	9625382480	112053
5802AR	113960	5802V6	111070	95653974	111071	9625382680	114460
5802AS	113959	5802W4	114460	95656487	111130	9625382780	111070
5802AX	115328	5802W9	114460	95656490	111029	96262614	110584
5802AZ	113254	5802X6	111641	95667742	110619	96262614	116306
5802C2	110584	5802Y3	110584	95667747	112292	9626261480	111994
5802C2	116306	5802Y3	116306	95667748	114026	9627727180	112058
5802C9	110584	5802Y4	113254	95667749	114026	96288707	111029
5802C9	116306	5802Y5	113254	95667752	110584	9628925380	110619

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9630080280	112703	9646068880	113755	9688237380	115546	103-088	110277
9630204580	113575	9646153680	112058	9688268480	113254	103-088A	110277
9631318180	111318	96463217	113640	9688268580	113254	103-094	110144
9631318280	113604	9646321780	113640	9688477380	116092	103-094A	110144
9631318380	113485	96463218	113640	97530824	110584	103-094B	110144
9631318480	112688	9646321880	113640	97530824	116306	103-098	110277
9631318580	112298	9646388280	114859	9801667580	113254	103-100	110315
9631318680	112299	9646476280	113755	9801667780	113933	103-100A	110315
9631318780	112772	9646477580	113755	9803750980	115475	103-101	110394
9631324980	111723	9646679980	113254	9806007480	115546	103-101A	110394
9631325080	111723	9646694080	114030	9810525380	115364	103-102	110278
9633292480	110584	9646972280	113926	98490185	112681	103-102A	110278
9633292480	116306	9647157980	113926	98490186	111498	103-106	110279
9633782580	113405	9648111680	114460	AM532010AR	110743	103-110	110157
9633782680	113575	9648242180	113926	AM532-010AR	110743	103-114	110158
9634476880	112782	9648644680	110584	V753509680	114811	103-116	110157
9634561480	113404	9648644680	116306	V753509680	116311	103-116B	110157
9635342080	112460	9649448380	115328	V75350968006	114811	103-120	110149
9635501280	115354	9649611280	113946	V75350968006	116311	103-120A	110149
9635557780	113404	9649611480	113575	V755001780	113960	103-120B	110149
9635772780	113603	9649611580	113575	V75769218002	114811	103-121	110149
9635772880	112480	9649611680	113246	V75769218002	116311	103-121	110158
9635772980	113503	9649611780	113246	V75769218003	114811	103-133A	110479
9636204480	113405	9649611880	113246	V75769218003	116311	103-133B	110158
9636204580	113575	9649846780	115541	V758575180	114811	103-134	110315
9636204680	112469	9649846880	115371	V758575180	116311	103-135	110149
9636254180	112461	9650358580	113640	V75857518000	114811	103-135A	110808
9636545580	112467	9650582080	113948	V75857518000	116311	103-135B	110808
96365597	114126	9651927480	115474	V75857518001	114811	103-135C	110808
9636559780	114126	9652035480	114391	V761548480	114811	103-135D	110808
9637075380	113404	9654343080	113246	V764559080	113960	103-136	110149
9637398980	113575	9654561480	114854	V764559480	113960	103-136A	110149
9637813680	113254	9654595680	114854			103-136E	110808
9638275380	113575	96547528	114859	PIAGGIO		103-137	110158
9638275580	113405	9654752880	114859	292083	114741	103-137A	110479
9638275680	113575	9655249280	112298	580018	111088	103-137B	110315
9638275780	112469	9655296080	113946			103-137C	110315
9638275880	113405	9655858280	113946	PIC		103-137D	110315
9638275980	113575	9656003780	112469	101-200	110856	103-138	112215
9638276180	112648	9656262780	114460	101-202	110793	103-139	111310
9638276280	113404	9656299480	114460	101-202A	110793	103-140	110256
9638543680	113246	9656956080	113405	101-202B	110793	103-140A	110155
9638543780	113246	9656956280	113246	101-203	110367	103-141	110256
9638544280	113246	9656956380	113575	101-203A	110367	103-142	111452
9638544580	113246	9657129680	114391	101-204	110585	103-144	110182
9639362380	112460	9658308780	110584	101-208	110367	103-145	110292
9639396580	115438	9658308780	116306	101-210	110866	103-146	110811
9640088080	115438	9660055080	115474	101-216A	111063	103-146A	110811
9640623580	113755	9661152980	115369	101-217	111066	103-146B	110811
9640628880	113755	9661544880	114859	101-220	112440	103-150	110810
9640825280	113254	9662731680	115369	101-220A	111851	103-152	111451
9640878780	112461	9662854080	113933	101-225	111251	103-152A	111451
9641302580	112461	9662854180	114030	101-229	111100	103-157	111005
9641398480	113405	9663010980	115475	101-230	110856	103-159	111475
9641398680	113575	9663528880	113933	101-235	111130	103-160	111586
9641727480	113404	9663647980	114848	101-235A	111130	103-161	111241
9642124980	115438	9664016980	113254	101-235C	111130	103-162	110394
9642147380	113503	9664057480	114848	102-203	110338	103-163	110807
9642879680	113246	9664074280	115475	102-210	111010	103-163A	110807
9642879780	113246	9664532780	114811	102-211	111911	103-167	111608
9642879980	113405	9664532780	116311	102-215	112309	103-167A	111608
9642880080	113575	9664779680	115364	102-308	110522	103-167B	111608
9642880180	112469	9664883080	115328	102-308A	110522	103-168	111459
9642880280	112058	9664984080	115582	102-309	110518	103-168A	111303
9642880380	113603	9665067980	113246	102-310	110521	103-174	110810
9642880480	112480	9665577580	113405	102-311	110521	103-176	111241
9643001680	114128	9665577780	113575	102-311A	110529	103-176A	111241
9644037180	115369	9665617780	115369	102-312	110529	103-176B	111241
9644103580	113640	9665735680	115369	102-313	110813	103-176C	111241
9644529680	113948	9666030280	114707	102-316	110529	103-178	110958
9644536880	113575	9666998080	115604	102-317	110529	103-178A	110958
9644927080	113405	9671014680	114460	102-322	110529	103-180	111108
9645100680	113933	9674987580	115461	102-323	110530	103-180A	111108
9645907580	112461	9674987580	116061	102-324	110521	103-182	111485
9645907680	112460	9675092580	113959	102-325	110520	103-183	110808
9645907780	112460	9677608580	115739	102-327	111001	103-183A	110808
9645907880	112460	9678048880	115364	102-330	110813	103-185	111310
9646049980	113755	9678049480	115475	103-083	110421	103-186	110182
9646065180	114859	9678049580	115582	103-085	110572	103-188	111552
96460654	113640	9678690180	115986			103-190	112846
9646065480	113640	9688085380	114859			103-192	110292

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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103-194	112301	104-120D	110144	105-200	110640	108-237A	110565
103-195	110394	104-121	110155	106-010	110510	108-246	111047
103-197	110810	104-122	110142	106-012	110654	108-250	110354
103-203A	110158	104-122A	110142	106-014	110647	108-252	110584
103-204	110958	104-122B	110142	106-015	110647	108-252	116306
103-209	110572	104-123	110142	106-016	110510	108-260	111404
103-212	110809	104-124	110156	106-019	110240	108-261	111307
103-215	111312	104-125	110249	106-019A	110240	108-262	110856
103-224	110933	104-126	110277	106-020	110949	108-262B	110856
103-224A	110933	104-128	110278	106-025	110644	108-264	111015
103-227	111349	104-129	110279	106-025A	110644	108-269	111123
103-227A	111349	104-130	110277	106-026	111043	108-270	111334
103-227B	111349	104-132	110279	106-027	111861	108-273	110587
103-227BA	111349	104-138	110160	106-028	112247	108-278	113478
103-233	110947	104-139	110249	106-032	110634	108-279	111029
103-234	110415	104-139A	110249	106-034	111012	108-282	111335
103-235	113668	104-141	110485	106-034A	111012	108-287	112295
103-242	110572	104-142	110552	106-035	110636	108-289	111070
103-243	112178	104-143	111459	106-038	110648	108-292	111068
103-243A	112178	104-143A	111459	106-039	110648	108-292C	111068
103-244	110280	104-143D	111303	106-044	112150	108-304B	110793
103-261	110279	104-143E	111303	106-051	112830	108-324A	112295
103-261A	110279	104-143F	111459	106-052	112244	108-324B	112295
103-277BA	111349	104-143G	111459	106-055	112831	108-334B	110585
103-278	111312	104-147	111098	106-056	113591	108-364	111909
103-280	111312	104-152	111312	106-057	112146	108-374	110587
103-284	112368	104-157	111312	106-062	112829	108-375B	111100
103-286	110808	104-160	110617	106-066	112157	108-375C	111100
103-289	111307	104-165	112008	106-068	113592	108-378	110439
103-291	111970	104-171	111840	106-070	113594	108-393	110363
103-295	111552	104-172	110160	106-080	113476	120-041	111025
103-299	111451	104-175	110719	106-200	110635	120-064	110336
103-306	111913	104-176	111382	106-202	110634	120-064A	110336
103-306A	111913	104-176A	111382	106-204	110634	120-064D	110336
103-309	111273	104-176B	111382	106-205	111804	120-065	110831
103-321	113638	104-183	110485	106-206	112242	120-065A	110831
103-322	113521	104-196	111274	106-210	113539	120-065B	110831
103-323	113020	104-196A	111690	106-212	113539	120-065C	110831
103-326	111730	104-199	111136	106-301	112312	120-070	112034
103-330	112177	104-199A	111534	106-302	112312	120-087	110862
103-331	111300	104-200	110280	106-302A	112312	120-106	111054
103-336	111971	104-200A	110280	106-305	112313	120-106A	111054
103-339	112276	104-200C	110280	106-505	110647	120-106B	111054
103-340	112267	104-200E	110280	106-505A	110647	120-107	111054
103-341	110389	104-206	110573	106-510	112157	120-107A	111054
103-345	111275	104-209	110719	106-511	112145	120-107B	111054
103-346	111461	104-223	110386	106-512	112826	120-107C	111054
103-347	110809	104-224	110386	106-515	110648	120-112	110368
103-352	111300	104-227	110386	106-526	113017	120-112A	110368
103-352A	111300	104-232	110443	106-526A	113017	120-112E	110775
103-352B	111703	104-235	110412	107-105	111864	120-115	111010
103-354A	113129	104-236	110719	107-108	111863	120-115A	111010
103-359	110947	104-236A	111559	108-192A	113269	120-116	110858
103-370	110576	104-240	111023	108-195	111398	120-118	110864
103-373	110576	104-254	110723	108-198	110367	120-124A	111693
103-374	111272	104-256	110723	108-198C	110866	120-125	111061
103-375	112323	104-263	110574	108-201A	110793	120-125A	111061
103-375A	112323	104-265	110485	108-203	110367	120-126	110772
103-376	112342	104-269	110412	108-204	111066	120-132	110368
103-377	112342	104-272	110573	108-204A	111066	120-139	111059
103-383	112342	104-272A	110573	108-205	110585	120-149	111855
103-384	111300	104-274	110820	108-205D	110585	120-149	116128
103-386	113618	104-274C	110820	108-208	110367	120-149A	111855
103-388	112300	104-276	112373	108-209	110367	120-149A	116128
103-389	113638	104-276A	112373	108-212	111063	120-151	112534
103-391	110809	104-277	110565	108-213	110856	120-152	112172
103-428	113819	104-281	111120	108-213A	110856	120-158	111069
103-5018	113642	104-291A	112374	108-213B	110856	120-171	110363
103-5018A	113820	104-292	113191	108-213C	110856	120-171A	110363
103-5019	113642	104-294	110616	108-213D	110856	120-171B	110363
103-5026	113618	104-295	110439	108-214	112295	120-177A	110336
103-5026A	113618	104-297	110485	108-217	111063	120-180	110996
103-5053	113795	104-299	112478	108-223	111066	120-181	112286
103-511	113669	104-309	111010	108-224	110587	120-181A	112286
104-092	111766	104-322	111559	108-227	110866	120-182	110865
104-106	112674	104-331	110417	108-227A	110866	120-182A	110865
104-110	112296	104-331A	110417	108-230	110367	120-183	111059
104-118	110277	104-333	111706	108-234	110856	120-183A	111059
104-118A	110277	104-351	110723	108-236	110439	120-187	111066
104-120	110144	104-352	111247	108-236A	110439	120-187A	111066
104-120A	110144	104-356	113675	108-237	110565	120-190A	111748

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
120-190B	111059	120-473	112340	120-568B	111001	120-800	110999
120-191	112131	120-476A	111029	120-570	110520	120-800A	110999
120-194	111054	120-485	112431	120-570A	110520	120-803	110347
120-195	111112	120-497	111755	120-571	110518	120-803A	110347
120-199	111120	120-497A	111755	120-571A	110518	120-811	110209
120-200	111400	120-498	111755	120-579	111003	120-821	110347
120-200A	111400	120-500	111755	120-581A	110537	120-831	110219
120-202	111911	120-500A	111755	120-581B	110537	120-831A	111219
120-205	111065	120-501	112249	120-581C	110537	120-833B	110538
120-206	110862	120-504	111752	120-581D	110537	120-833C	110538
120-207	111851	120-504A	111752	120-582	110205	120-837	110539
120-213	112166	120-504B	111752	120-582A	110533	120-840	112074
120-218	110587	120-504C	111752	120-582B	110534	12125	110107
120-220	111120	120-504G	111752	120-585	110512	12155	110127
120-222A	112537	120-505	110530	120-585A	110512	12278	110134
120-230	112306	120-5051	111115	120-589	110206	130-114	110223
120-231	112439	120-5053	112454	120-589A	110210	130-115	110223
120-232	111865	120-505A	110530	120-589B	110210	13193	110105
120-234	110865	120-5061A	110512	120-589C	110210	140-0150	111277
120-236	111131	120-5061B	110512	120-590	112555	140-0150A	111277
120-238	111694	120-5063	110212	120-591	110531	140-0151	112233
120-238A	111694	120-5063A	110212	120-591A	110531	140-0152	110216
120-238B	111694	120-5067	111218	120-596	110439	140-0152A	111786
12024	110138	120-5067A	111218	120-597	110813	140-0152D	110216
120-284	111131	120-5067B	111218	120-597A	110813	140-0254	111277
120-301	111030	120-5068	112116	120-599	111885	140-0254A	111277
120-301A	111030	120-507	110536	120-599A	111885	140-0256	112233
120-301B	111030	120-507	116139	120-6002	110536	140-0257	112233
120-301C	111030	120-5070	110461	120-6002	116139	140-0257A	112233
120-302	110867	120-5070A	110461	120-6002A	110536	140-0258	112233
120-302A	110867	120-5072	111123	120-6002A	116139	140-0258A	112233
120-302B	110867	120-5075	110367	120-6002C	110529	140-0259	112232
120-302C	110867	120-5078	110365	120-6004	110818	140-0259A	112232
120-304	111749	120-5079	110367	120-6005	110409	140-0261	112233
120-307	112309	120-5091	110519	120-6007	110212	140-0262	112232
120-310	110844	120-5091A	110519	120-6007A	110212	140-092	110216
120-310A	110844	120-512	111638	120-6009	110512	140-100	110216
120-311	111490	120-512A	111638	120-6010A	110208	140-101	110216
120-311A	111490	120-512B	111638	120-6018	112670	140-102	110216
120-311B	111490	120-513	110536	120-6030	112034	140-105	110216
120-318B	110847	120-513	116139	120-6037	111793	140-106	110216
120-319	110842	120-514	110525	120-6039	113534	140-110	110218
120-319A	110842	120-516	110536	120-6045	112071	140-177	111277
120-320	111489	120-516	116139	120-6052	112132	140-178	111258
120-323	112295	120-518	110525	120-6052A	112132	140-183	110216
120-330	112290	120-518B	110525	120-6058	110524	140-300	110216
120-330A	112290	120-518C	110525	120-6058A	110524	140-301	110216
120-331A	111015	120-523	111004	120-6058B	110524	140-303	112897
120-332	112321	120-524	110525	120-6061A	110214	140-305	112897
120-332A	112321	120-526	110529	120-6063	110443	140-306	112897
120-338	113613	120-526A	110529	120-6067	110524	140-310	110218
120-338A	113613	120-527	112660	120-6071A	110582	140-377	111258
120-338B	113613	120-527A	112660	120-6071B	110582	140-381	112897
120-339	112553	120-528	110522	120-6072	110582	140-381A	112233
120-349	111851	120-529	111004	120-6075	110436	140-500	110414
120-350A	111269	120-530	110536	120-6078	110368	140-501	110414
120-351	111851	120-530	116139	120-6079	110535	140-520	110221
120-353	110847	120-531	112660	120-6079A	110535	140-522	110221
120-354	110847	120-535A	110529	120-6081	110209	140-530	110221
120-358	112818	120-536	110527	120-6081A	110209	140-531	110221
120-359	112818	120-536B	110527	120-6082	111640	140-532	110221
120-359A	112818	120-536D	110527	120-6083	110213	140-532A	110221
120-361	111911	120-536E	110527	120-6083A	110213	140-536	110221
120-362	111900	120-539	112135	120-6085	110532	140-537	111684
120-362A	111900	120-539A	112135	120-6085A	110532	140-542	111034
120-364	111900	120-539B	112135	120-6087	112119	140-543	112912
120-365	112455	120-543	110522	120-6088	110205	140-556	111041
120-368	111347	120-548	110462	120-6088A	110207	140-560	111786
120-368A	111347	120-548	116137	120-6088B	110205	140-562	111034
120-377	113282	120-550	112041	120-6089	111231	140-562A	111034
120-385	111900	120-553	112074	120-6098	110980	140-565	111127
120-385A	112167	120-553B	112074	120-6114	113900	140-565A	111127
120-388	111848	120-556A	110530	120-6123	112249	140-568	110221
120-390	111769	120-562	112074	120-6126	111332	140-570	111786
120-391	112005	120-565	110521	120-6126A	111332	140-570A	111699
120-392	111909	120-565A	110521	120-6126B	111332	140-571	111786
120-397	112429	120-565B	110521	120-6131	110536	140-576	112239
120-429C	111619	120-566	111885	120-6131	116139	140-577	111786
120-433	112453	120-567	110517	120-6132A	112249	140-578	112240
120-454	112295	120-568	111001	120-6153A	111070	140-579	111786
120-463A	111750	120-568A	111001	120-6276	114021	140-580	112897

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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140-580A.....	111699	140-891.....	111222	142-106F.....	112089	142-313B.....	111000
140-584.....	112904	140-891A.....	111222	142-110.....	112089	142-317.....	110436
140-584A.....	112904	140-903.....	112652	142-111.....	112089	142-326.....	110436
140-585.....	111699	140-906.....	111222	142-115.....	112089	142-332.....	110436
140-586.....	111786	140-908.....	112268	142-115D.....	112089	142-364.....	110436
140-588.....	112906	140-915.....	111221	142-116.....	112089	142-368.....	112089
140-589.....	112902	140-917.....	111760	142-121.....	110436	142-368H.....	112089
140-592.....	112900	140-918.....	111760	142-121B.....	110436	142-371.....	111000
140-596.....	112241	140-919.....	111760	142-121D.....	110436	142-372D.....	110999
140-6008.....	112906	140-920.....	112267	142-121F.....	110436	142-605.....	111000
140-6010.....	112902	140-921.....	110602	142-121J.....	110436	142-608.....	111000
140-6010C.....	112902	140-922.....	112341	142-122.....	110436	142-612A.....	112089
140-6020.....	112902	140-923.....	112341	142-122B.....	110436	142-612B.....	112089
140-6022.....	111786	140-924.....	110590	142-125.....	110436	142-618.....	112089
140-6023.....	112905	140-925.....	112268	142-125H.....	110999	142-625.....	112089
140-6023A.....	112905	140-926.....	111041	142-131.....	110436	142-627.....	110999
140-6034.....	112906	140-927.....	110604	142-131B.....	110436	142-679.....	112089
140-6047.....	111123	140-932.....	112267	142-132.....	110436	142-693A.....	110436
140-6048.....	111848	140-933.....	110590	142-132B.....	110436	142-769.....	111000
140-6051.....	112546	140-936.....	112668	142-133.....	110436	142-781.....	111000
140-6068.....	113679	140-938.....	113435	142-141.....	111000	142-795.....	110999
140-702.....	110216	140-9849.....	110347	142-141B.....	110999	142-797.....	110999
140-720D.....	111049	140-9873.....	111000	142-141J.....	111000	14515.....	110137
140-724.....	111190	140-9882.....	110218	142-141K.....	111000	14571.....	110136
140-724A.....	111190	141-204.....	110569	142-142.....	111000	150-0182.....	110225
140-729.....	111190	141-205.....	111224	142-142B.....	111000	150-034.....	110226
140-730.....	110468	141-206.....	110569	142-144.....	112089	150-124.....	110227
140-730A.....	110468	141-209.....	111224	142-151.....	111000	150-131.....	110226
140-731.....	110468	141-211.....	111224	142-151B.....	110999	150-132.....	110224
140-731A.....	110468	141-213.....	111224	142-152.....	110999	150-148.....	110230
140-734.....	111190	141-267.....	112243	142-152A.....	110999	150-149.....	110228
140-737.....	111190	141-267B.....	110436	142-153.....	111000	150-151.....	110230
140-740.....	110506	141-269.....	112243	142-158.....	111000	150-153.....	110225
140-740A.....	110506	141-281.....	111224	142-159.....	111000	150-168.....	110225
140-741.....	110491	141-308.....	112255	142-161.....	110999	150-175.....	112963
140-741A.....	110491	141-312.....	112255	142-162.....	110999	150-184.....	112963
140-744.....	110506	141-312A.....	112255	142-162B.....	110999	150-188.....	112016
140-744A.....	110469	141-312D.....	112255	142-164.....	112243	150-191.....	112963
140-745.....	110469	141-313.....	112255	142-167.....	112243	150-207.....	110509
140-745A.....	110469	141-313A.....	112255	142-167A.....	112243	150-209.....	110231
140-761.....	111259	141-313C.....	112255	142-167B.....	112243	150-312.....	111183
140-761A.....	111259	141-313D.....	112255	142-171.....	110999	150-312A.....	111183
140-762.....	111259	141-313G.....	112255	142-171B.....	110999	150-317.....	111844
140-771D.....	112897	141-317.....	111021	142-172.....	110999	150-317A.....	111844
140-773.....	110469	141-328.....	112255	142-177.....	110999	150-321A.....	112646
140-774A.....	110469	141-330.....	112243	142-180.....	112089	150-321B.....	112646
140-801.....	112341	141-330B.....	112243	142-182.....	110347	150-329.....	111374
140-802.....	110604	141-330D.....	112243	142-186.....	110347	150-329A.....	111374
140-802A.....	110604	141-330F.....	112243	142-187.....	110347	150-329B.....	111374
140-812.....	112267	141-331.....	112243	142-188.....	110347	150-330A.....	111374
140-815A.....	112268	141-331A.....	112243	142-188A.....	110347	150-335.....	112235
140-828.....	111041	141-331C.....	112243	142-194.....	110347	150-337.....	112340
140-828D.....	111041	141-350.....	111224	142-197.....	110347	150-338.....	112608
140-828E.....	111041	141-350A.....	111224	142-206B.....	112089	150-351.....	113703
140-828G.....	111041	141-350D.....	111224	142-211.....	112089	150-355.....	112821
140-831.....	112267	141-351.....	111224	142-212.....	112089	150-355.....	115870
140-834.....	110604	141-351A.....	111224	142-212H.....	112089	150-366.....	112821
140-834A.....	110604	141-351B.....	111224	142-213.....	112089	150-366.....	115870
140-834B.....	110604	141-351D.....	111224	142-218.....	112089	151-351B.....	111224
140-834C.....	110604	141-351E.....	111224	142-219.....	110436	160-125.....	111863
140-834D.....	110604	141-353.....	112169	142-221.....	110436	160-130.....	111043
140-836.....	110602	141-353F.....	112169	142-222.....	110436	160-130A.....	111043
140-839.....	112660	141-392.....	112165	142-222D.....	110436	160-132.....	110644
140-840.....	111221	141-400.....	111224	142-225.....	110436	160-135.....	110648
140-840A.....	111221	141-476.....	113827	142-226.....	110436	160-137.....	111043
140-840B.....	111221	141-703A.....	113550	142-226D.....	110436	160-138.....	110644
140-842.....	110472	142-035.....	111000	14223.....	110128	160-141.....	110240
140-842A.....	110472	142-037.....	112089	142-241.....	110999	160-141A.....	110240
140-846.....	112268	142-043.....	110999	142-241A.....	111000	160-162.....	111043
140-846A.....	112268	142-047.....	112089	142-242.....	111000	160-163.....	110636
140-849.....	110590	142-075.....	112089	142-244.....	111000	160-164.....	111861
140-853.....	110590	142-095.....	112089	142-253.....	110347	160-165.....	111043
140-853A.....	110590	142-101.....	112089	142-257.....	110999	160-168.....	110647
140-853D.....	110590	142-101B.....	112089	142-258.....	110999	160-203.....	111000
140-853E.....	110590	142-101D.....	112089	142-261F.....	110999	160-337.....	112249
140-853J.....	110590	142-101F.....	112089	142-262.....	110999	160-377.....	112249
140-854.....	112268	142-101I.....	112089	142-262F.....	110999	160-524A.....	111043
140-854A.....	112268	142-102.....	112089	142-268.....	110999	160-535.....	110647
140-860.....	110590	142-102B.....	112089	142-279.....	110436	160-541.....	110648
140-860A.....	110590	142-102D.....	112089	142-295.....	110436	160-807.....	112317
140-881.....	111760	142-102F.....	112089	142-295D.....	110436	160-809.....	112317

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
160-809A	112317	182-124	112651	190-153	110411	190-518	111189
16211	110142	182-134	110517	190-159	110708	190-524	110626
170-270	111221	182-136	110367	190-189	113597	190-531	113596
180-110	111102	182-138	110530	190-191A	110713	190-538	111765
180-110A	111103	182-140	110813	190-201	113725	190-541	112546
180-111	111102	182-144	112173	190-212	110389	190-544	113663
180-112	110336	182-146	111001	190-214	111785	190-545	111918
180-112A	110336	182-148	110522	190-216	111387	190-548	110940
180-118	110336	182-150	110368	190-218	111387	190-548A	110940
180-126	110831	182-154	110529	190-221	110713	190-556	110246
180-126A	110831	182-158	110524	190-224	110713	190-560	111021
180-133	110336	182-160	110529	190-229	111544	190-560A	111021
180-159	110440	182-162	110525	190-229B	111544	190-561	110485
180-173	111865	182-170	110814	190-229C	111544	190-568	110962
180-240	111755	182-176	110819	190-229D	111544	190-569	110485
180-300D	110462	182-178	110530	190-230	110396	190-569A	110485
180-300D	116137	182-184	110615	190-230A	110396	190-574	113696
180-301	110462	182-186	112249	190-230B	110396	190-575	110246
180-301	116137	182-188	110536	190-233	111310	190-578	110940
180-302	111573	182-188	116139	190-234	110260	190-581	110485
180-302A	111573	182-192	112041	190-234C	113108	190-582	110485
180-303	110462	182-194	111755	190-235	110411	190-583	111021
180-303	116137	182-202	110813	190-235A	110411	190-586	110356
180-305	110819	182-206	110462	190-235C	110411	190-587	110246
180-305B	110819	182-206	116137	190-240	110713	190-593	111197
180-306	111346	182-208	112074	190-246	112214	190-6023	110447
180-306A	111346	182-212	110818	190-265A	111679	190-6031	113732
180-307	112660	182-224	111332	190-267	110713	190-6032	110397
180-307B	112660	182-234	112135	190-275	111451	190-6048	112544
180-308	110460	182-236	110527	190-275A	111451	190-6128	112547
180-308C	111346	182-240	111755	190-275B	111451	190-6131	113550
180-309	110565	182-245	111909	190-276	111451	190-6180	113681
180-310	110565	182-246	112135	190-296	110720	190-757	111197
180-313	110615	182-248	112136	190-301	110720	190-774	113132
180-313A	110615	182-256A	110537	190-301B	110720	190-775	113725
180-313B	110615	182-260B	110523	190-301C	110720	190-787	110944
180-313C	110615	182-272	112119	190-302	110938	190-793	112489
180-315	110462	182-278	110206	190-306	110720	190-796	110436
180-315	116137	182-298	112116	190-307	110940	190-798	110961
180-316	110460	182-759	114117	190-309	110245	190-800	110627
180-319	110464	185-199	112649	190-310	110720	190-801A	113725
180-319A	110464	185-201	111020	190-311	110720	190-801B	113725
180-335	110459	185-204	110656	190-312	110356	190-801D	113725
180-335A	110459	185-209	110656	190-313	110938	190-801F	113725
180-335B	110459	185-209A	110656	190-316	110447	190-801H	113725
180-349	110565	185-211	110580	190-316A	110447	190801J	113725
180-349A	110565	185-212	110568	190-316B	110447	190-801J	113725
180-349B	110565	185-216	111212	190-317	110940	190-804	110961
180-349C	110565	185-216A	111212	190-318	110940	190-810	113428
180-349E	110565	185-235	111212	190-336	113629	190-813E	112502
180-349F	110565	185-253	110412	190-354	111442	190-817	110581
180-352	110818	185-260	111254	190-354A	111442	190-818	110941
180-352B	110818	185-260A	111254	190-363	111492	190-820	110580
180-353	110442	190-007	110396	190-363A	111492	190-830	110942
180-358	110444	190-011	110421	190-365	111764	190-830A	110942
180-359	112136	190-011A	110421	190-365A	113116	190-832	110490
180-359A	112136	190-018	110154	190-374B	110720	190-834	112036
180-360	110439	190-022	110152	190-382	111552	190-846	111224
180-360A	110439	190-022A	110152	190-382A	111552	190-850	111224
180-360B	110439	190-024	110152	190-385	111492	190-854	111224
180-361	110443	190-024A	110152	190-386	113402	190-878	110999
180-362	110818	190-025	110152	190-388	110356	190-878A	110999
180-363	111131	190-032	110158	190-393D	112367	190-885	111000
180-366	110438	190-103	110249	190-405	113665	190-895	110490
180-375	113670	190-113	110421	190-405B	113649	190-9011	111224
180-383	110465	190-114	110154	190-422	110485	190-9016	111638
180-383A	110465	190-114A	110154	190-425	111197	191-009	113540
180-385	110438	190-114B	110152	190-429	111622	191-010	111917
180-387	111574	190-114D	110154	190-432	110447	191-011	112010
180-389	110442	190-115	110421	190-437	111021	191-012	112011
180-389A	110442	190-117	110421	190-460	111131	191-013	112010
180-389D	110442	190-117A	110421	190-490	113681	191-017	111917
182-104	110536	190-131	110149	190-493	111915	191-111	111922
182-104	116139	190-139	111310	190-500	111683	191-118	111927
182-105	110521	190-139A	111310	190-500A	110485	191-119	111921
182-106	110529	190-142	110245	190-501	110573	191-121	111926
182-107	110439	190-143	110709	190-501B	110573	191-125	111442
182-110	110585	190-148	110397	190-502	110485	191-126	111442
182-118	110518	190-149	110411	190-505	110485	191-152	113398
182-120	112555	190-150	110411	190-508	111087	191-160	113398
182-121	110565	190-152	110411	190-515	110260	191-179	113821

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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191-292	113538	203-383	111406	208-153	112735	210-174	110422
191-304	113538	203-383A	111406	208-158A	111288	210-194	110408
191-343	113545	203-383B	111406	208-159A	111154	210-194A	110408
199-114	110566	203-392	111342	208-161	112735	210-212	110975
199-116	110449	203-401	111807	208-162	111352	210-214A	110877
200-5005	112413	203-403	111384	208-163	111479	210-215	110913
202-100	111035	203-404	112067	208-164	111353	210-221	110975
202-101	110912	203-417	113634	208-166	112287	210-223B	110913
202-102	111035	203-421	111315	208-177	111720	210-232	110176
202-103	110611	203-443	111806	208-185	111989	210-246	111948
202-110	112097	203-461	111317	208-186	112002	210-247	112112
202-112	111180	203-467	111406	208-187	111078	210-248	112294
202-112	116133	203-5016	112328	208-196A	112728	210-249	110127
202-116	110890	203-5020	111237	208-196B	111082	210-257	110138
202-117	112768	203-5033	112327	208-196C	111082	210-259	110175
202-128A	111036	203-5035	113652	208-380	113600	210-262	110175
202-145	113621	203-5036	113782	208-385	111948	210-264	110175
203-102	111042	203-5037	112328	208-391	111948	210-266	110175
203-109	110318	203-5050	112362	208-394	111226	210-268	110445
203-109A	110318	204-103	112112	208-396	112183	210-272	110176
203-115	110134	204-103A	112112	208-399	111658	210-275	110173
203-116	110134	204-110	110128	208-400	113477	210-277	112112
203-119	110136	204-115	110168	208-400A	113477	210-280	110052
203-121	110811	204-116	110168	208-401	111397	210-281	110048
203-124	110128	204-117	110264	208-401A	111397	210-290	111948
203-124A	110128	204-118	110168	208-401B	111397	210-300	110937
203-128	110134	204-119	110168	208-401D	110048	210-302	110937
203-129A	110318	204-120	110307	208-401E	111397	210-302B	110937
203-134	111495	204-123	110168	208-402	111397	210-303	110176
203-150	110128	204-124	110107	208-403	111397	210-304	110937
203-152	110264	204-130	110458	208-405	111355	210-308	110937
203-152B	112270	204-130A	110458	208-406	111355	210-311	110937
203-152R	112270	204-135	110128	208-417	112162	210-312	110937
203-166	112270	204-142	112270	208-433	112688	210-316	110937
203-167	113562	204-142A	112270	208-436	112679	210-317	110173
203-168	112069	204-142B	112270	208-445B	111075	210-318	110173
203-169	110168	204-142C	112270	208-455A	111075	210-323	110408
203-264	111237	204-142D	112270	208-486	112756	210-336	111575
203-264A	111237	204-153	110267	208-501	112681	210-339	111576
203-266	111832	204-154	110703	208-505	112782	210-343	110408
203-272	110448	204-157	112270	208-557A	111153	210-357	112112
203-294	110631	204-163	110134	208-574	111478	210-372	110937
203-295	112068	204-164	110107	208-575	112399	210-373	110175
203-297	111375	204-168	110697	208-580	111873	210-375	111761
203-297A	111375	204-170	110694	208-581	112193	210-385	110408
203-302	111309	204-194	110264	208-583	112462	210-396	110937
203-302A	113657	204-195	112270	208-587	111093	210-398	110937
203-303	111309	204-208A	110448	208-588	112529	210-400	110487
203-303A	111309	204-213	112375	208-588	116129	210-400A	110487
203-304	111405	204-232	112477	208-589	111354	210-401	110488
203-308	113656	204-250	111267	208-589A	112529	210-407	110488
203-340	110664	204-251	110700	208-589A	116129	210-408	110487
203-347	111578	204-295	112671	208-590	111477	210-408B	110487
203-347C	111285	204-316	111381	208-590A	111477	210-408C	110487
203-347D	111285	204-316A	111381	208-594	112687	210-412	110487
203-347E	111285	204-319	111381	208-597	112529	210-415	110408
203-347F	111285	204-327	111515	208-597	116129	210-509	110173
203-348	110927	204-328	111186	208-598	111946	211-120	110075
203-348A	110927	204-340	110631	208-700	110048	220-021	112046
203-349	110659	204-345	111264	208-701	111397	220-074	112784
203-355	111342	204-353A	111264	208-701A	111397	220-095	110358
203-355A	111342	204-354	110631	208-701C	111397	220-102	111153
203-359	110802	204-354A	110631	210-094	110408	220-105A	112729
203-359A	110802	204-354B	110631	210-114	110408	220-108	110913
203-360	110802	204-354C	110631	210-116	110408	220-114	111035
203-360A	110802	204-354E	110631	210-124	110408	220-119	110877
203-362	110659	204-358	111264	210-130	110408	220-126	110759
203-363	110632	204-365	112977	210-130A	110408	220-128	111086
203-363A	110631	204-382	112002	210-135	110408	220-132	111148
203-365	111279	204-4016	113563	210-147	110408	220-136	110759
203-365A	111279	204-4030	111807	210-147A	110408	220-138A	111086
203-366	111279	205-204	112162	210-147B	110408	220-140	110358
203-366A	111279	205-5013	113792	210-147C	110408	220-140A	110358
203-366C	111279	205-5013A	113792	210-147D	110408	220-140B	110923
203-373	110664	208-120	110931	210-147E	110408	220-144	110899
203-373A	110664	208-124A	111319	210-147F	110408	220-144A	110899
203-379B	111807	208-132	111094	210-148	110408	220-146	112098
203-379C	111807	208-136	111658	210-148A	110408	220-148	110358
203-379D	111807	208-142	111226	210-163	110408	220-150	111149
203-380	110804	208-145A	111288	210-170	110422	220-150A	111149
203-380A	110804	208-151	111154	210-172	110422	220-157	110911

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
220-159	110360	220-369	110766	240-200	110233	240-5031A	110500
220-159C	110360	220-369A	110766	240-200-3	110233	240-5032	112338
220-165	111096	220-375	112773	240-200-6	110233	240-5032A	112639
220-167	110919	220-377	110882	240-200-9	110233	240-5033	110500
220-176	110881	220-378	112170	240-201-3	110233	240-5034	110500
220-178A	112729	220-380	111141	240-201-9	110505	240-5035	110500
220-179	111093	220-385	110891	240-206	110233	240-503560	110500
220-179A	110923	220-387	112736	240-206-3	110502	240-503563	110500
220-181	111154	220-389	112747	240-206-6	110233	240-503564	110500
220-187	110077	220-391	110890	240-206-9	110233	240-503565	110500
220-188	110641	220-391A	110890	240-207	110233	240-503566	110500
220-188A	111662	220-393	112747	240-208-6	110233	240-5036	110500
220-189	112742	220-393A	110895	240-209	111250	240-5036A	112639
220-191	110358	220-397	110766	240-210	110505	240-5037A	110500
220-192B	112810	220-399	112097	240-210-3	110505	240-5037C	111711
220-198	111149	220-399A	112097	240-211	110505	240-5039	110500
220-202	111686	220-402	111280	240-211-3	110505	240-503942	110500
220-203A	112746	220-402A	111280	240-213-6	110233	240-5040	112338
220-204	111149	220-406	112747	240-214	110505	240-5041	110499
220-224	111094	220-413	112747	240-215	110505	240-5042	110499
220-224D	112735	220-420	111180	240-216	110505	240-504255	110499
220-226	111288	220-420	116133	240-217	110233	240-504264	110499
220-228	112750	220-420A	111180	240-217-3	110504	240-504554	110499
220-229	110913	220-420A	116133	240-218	110505	240-504562	110499
220-241	112693	220-423	111287	240-219	110505	240-504564	110499
220-251	110913	220-431	111987	240-220	110075	240-5048	110499
220-256	112687	220-433A	112453	240-222	110505	240-5050	110498
220-261	112693	220-435	112765	240-225	110075	240-5055	110498
220-262	112806	220-442	112757	240-241	110235	240-5060	110498
220-265	112765	220-482C	110113	240-241-3	110235	240-5074	111090
220-272	111988	220-487	110360	240-241-6	110235	240-507462	111090
220-273	111353	220-5006	111873	240-241-9	110235	240-5075	111090
220-274	111353	220-5007	112193	240-242	110235	240-5085	110985
220-275B	111991	220-5016	112194	240-242-3	110235	240-5090	110985
220-275E	112709	220-5016B	112530	240-242-6	110235	240-5095	110985
220-276	111353	220-5017	112530	240-242-9	110235	240-5110	110986
220-276A	111477	220-5017C	112530	240-247	111713	240-5115	110986
220-277	112806	220-5018	112530	240-247-6	111713	240-5123	111220
220-277A	112806	220-5019	111873	240-250	110235	240-5126	111220
220-277B	112806	220-5020	111902	240-252	110508	240-5127	111220
220-279	111354	220-5021	111902	240-253	110505	240-5128	111220
220-280A	112194	220-5033	112193	240-256	110952	240-5130	112447
220-281	112194	220-5045	112557	240-257	110505	240-5132	112447
220-281A	112194	220-5047	112072	240-261	110952	240-5137	111854
220-285	112557	220-5050	112078	240-299	110508	240-5138	111854
220-288	112557	220-5065	112197	240-299-3	110508	240-5140	110502
220-289	112557	220-5067	111629	240-299-9	110508	240-5140A	110502
220-290	110641	220-5075	112426	240-300	110471	240-5141	110984
220-294	111850	220-5088B	111828	240-300-3	110471	240-5144	110984
220-295	111369	220-5100	112075	240-300-6	110508	240-5147	110984
220-295A	112529	220-5101	113340	240-300-9	110471	240-5148	110984
220-295A	116129	220-5102	112079	240-301	110233	240-5149	110984
220-295B	111369	220-5103	111353	240-301-3	110505	240-514952	110984
220-300	112803	220-5106A	111353	240-301-6	110508	240-514962	110984
220-306	112557	220-5107	111820	240-301-9	110508	240-5150	110984
220-310	111076	220-5115	112193	240-306-3	110471	240-515052	110984
220-312	111352	220-5124	112399	240-306-9	110508	240-5155	110503
220-312A	111352	220-5158	112159	240-307-3	110471	240-5158	110503
220-315	111479	220-5161	111834	240-307-9	110471	240-5159	110503
220-315A	111479	220-5180	112302	240-308	110471	240-5162	110984
220-322	112345	220-5239	112680	240-308-3	110471	240-5162A	110502
220-327	112806	220-5265	112720	240-308-6	110471	240-5163	111090
220-329	111478	220-5277	112728	240-308-9	110471	240-5234	110499
220-343	111843	220-5278	112728	240-309	110471	240-5235A	110499
220-344	113716	220-5285	112756	240-309-3	110471	240-5392	112893
220-344A	111216	230-101	110074	240-309-9	110471	240-5400	112880
220-345	111888	230-102	110236	240-310	110471	240-5415	112880
220-345A	111888	230-102A	110236	240-311-3	110471	240-5457	112888
220-347	112159	230-110	110236	240-315	110492	240-5472	112886
220-349	110105	230-110A	110236	240-315-6	110492	240-5479	112884
220-350	111649	230-111	110236	240-316	110492	240-5489	112893
220-351	111649	230-112	110236	240-316-3	110492	240-5502	110724
220-352	112742	230-120	110514	240-316-6	110492	240-5510	110984
220-353B	112098	230-125	110514	240-316-9	110492	240-5511	110724
220-356	110801	230-125A	110514	240-321	110235	240-5512	110724
220-357	111419	230-5061	111797	240-4008C	112834	240-5518	110503
220-365	110591	230-5475	113904	240-4040	113694	240-5522	110724
220-366	110882	240-095	110075	240-5010	110502	240-6036	112338
220-366A	110890	240-120	110075	240-5018	110502	240-6040	110985
220-367	112493	240-120A	110075	240-5030	110499	240-6041	110500
220-368	111834	240-122	110075	240-503152	110500	240-6137	112615

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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240-6138	112615	250-110A	110237	280-318	110107	290-206	110629
240-6144	112868	250-110C	110237	280-325	112718	290-207	111018
240-6144A	112868	250-110D	110237	280-327	112722	290-209	110620
240-6165	112614	250-110E	110237	280-330	111740	290-212	110965
240-6166	111223	250-142	110641	280-331	111184	290-212A	110965
240-6172	111223	250-150C	111252	280-331A	111184	290-212B	110965
240-6179	112665	250-157	111252	280-332	111366	290-213	110927
240-6193	113498	250-157A	111252	280-333	110770	290-215	110927
240-6195	113498	250-203	111199	280-334	111366	290-219	111705
240-6196	111514	250-203A	111199	280-337	111355	290-219A	111705
240-6223	113777	250-213	112936	280-342	113683	290-219B	111705
240-6311	113694	250-220	112927	280-347	112718	290-221	111428
240-6312A	113692	250-234	112940	280-350	110891	290-222	111428
240-6313	113685	250-244	111200	280-579	112557	290-224	110496
240-6315	113691	250-245	111200	282-108	110766	290-224A	110496
240-6319	113685	250-247	112946	282-129	111086	290-227	110628
240-6410	112853	250-247A	112946	282-132	111662	290-227A	110628
240-6410A	112853	250-267	112936	282-132	116131	290-228A	110496
240-6410B	112853	250-268	112936	282-143	111833	290-231	110496
240-6415	112850	250-270	112942	282-143A	111833	290-231A	110496
240-6415A	112850	250-270A	112942	282-144	110113	290-232	111428
240-6415B	112850	250-270B	112942	282-148	111686	290-233	111578
240-6420	111426	250-273	112942	282-152	111686	290-235	110682
240-785	110591	250-280	112939	282-154	110890	290-238A	111609
240-798	112265	250-280A	112939	282-156	110641	290-240	110967
240-802	110300	250-283	112954	282-157	111141	290-240C	110967
240-803	110300	250-400	112947	282-160	111841	290-245	110675
240-806	110591	250-401	112949	282-163	110766	290-251	110682
240-807	111261	250-405	112951	282-164	112097	290-251A	110682
240-809	110937	250-405A	112951	282-170	112097	290-252	111705
240-811	110937	250-408	112956	282-172	110890	290-254	111705
240-813	110937	250-408A	112956	282-174	110882	290-256C	111193
240-815	110591	250-409	112961	282-177	112098	290-257	111193
240-816	110591	250-410	112958	282-186	111528	290-257A	111193
240-816A	110591	250-415	112958	282-190	111888	290-257B	111193
240-823	112261	250-415A	112958	282-208	112389	290-275	111193
240-825	112265	250-416	112959	282-224	112170	290-275A	111193
240-829	110937	250-416A	112959	282-234	111368	290-275B	111193
240-830	110937	250-802	110300	282-242	112343	290-275D	111193
240-834	112989	260-300	110427	285-105	110562	290-284	111435
240-835	110801	260-301	110427	285-108	110562	290-284A	111435
240-835A	110801	260-5000	110664	285-109	110562	290-286	111435
240-836	112989	270-323	110937	285-119	111051	290-288A	111435
240-837	112993	270-419	110937	290-080	110137	290-291	112101
240-837A	112993	270-420	110937	290-093	110258	290-302	111193
240-837B	111232	270-421	110937	290-101	110138	290-306A	110496
240-840	111232	270-422	110937	290-108	110138	290-307	111435
240-842	111232	270-423	110937	290-108A	110137	290-307A	111435
240-844	111232	270-425	110937	290-110	110137	290-307B	111435
240-848	111232	270-434	110937	290-112	110138	290-311	112102
240-848A	111232	270-435	110937	290-112A	110138	290-312	110496
240-849B	111232	270-513	113713	290-112B	110138	290-316	110679
240-850C	112993	280-099	110178	290-128	110137	290-317	112746
240-850D	112993	280-100	111185	290-130	110138	290-332	110682
240-851	111232	280-101	110178	290-138	110563	290-354A	111468
240-852	111232	280-102	110178	290-140	110258	290-355	111517
240-854	111232	280-102A	110969	290-140A	111195	290-358	111517
240-858	113432	280-103	111204	290-140B	110258	290-358A	111517
240-858A	111232	280-104	110179	290-140D	110258	290-366A	111579
240-859	111232	280-104A	110179	290-143	111195	290-367	111579
240-859A	111232	280-106	111204	290-171	110801	290-369	111285
240-861	111232	280-111	111185	290-172	111261	290-369A	111285
240-862	111232	280-112	110179	290-175	113856	290-386	111678
240-864	111232	280-119	111184	290-186	111018	290-386D	111678
240-865	112160	280-127	110179	290-187	111017	290-387	111468
240-865A	112160	280-128	111289	290-189	111830	290-402	110445
240-866	112160	280-134	111361	290-193	111048	290-402A	110445
240-866A	112160	280-301	111948	290-193	113921	290-405	111215
240-866B	112160	280-303	111185	290-194	111048	290-437	111048
240-867	112160	280-306	110968	290-196	111048	290-439	111048
240-868	112992	280-306A	110770	290-198	111048	290-442	113715
240-870	111232	280-307	111363	290-198A	111048	290-461	110563
240-870A	111232	280-307A	111363	290-198B	111048	290-473	111261
240-872	111232	280-308	111289	290-199	111048	290-480	111507
240-872A	111232	280-309	111739	290-199	113921	290-5016	111779
240-874	111232	280-309A	111739	290-199A	111048	290-5020	111779
240-874A	111232	280-310	111740	290-199A	113921	290-5044	111468
240-877B	111232	280-312	111364	290-199B	113921	290-5112A	113607
240-880	111232	280-312A	111738	290-203	111578	290-5112C	113607
240-883	111232	280-312C	111176	290-204	110374	290-5118	113803
250-110	110237	280-313	110107	290-205	110564	290-5166	113921

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
290-5401	113903	901-054	110352	903-136	110436	905-719	110487
290-5475	113904	901-055	110352	903-483	112243	905-720	110488
293-11	110959	901-070	110352	903-517	112255	910-108	110218
293-12	110540	901-077	110521	903-757	111131	910-144	110218
293-13	111710	901-078	110518	903-811	111100	910-156	110218
293-13A	111710	901-079	110529	903-840	111003	910-161	112897
293-14	111710	901-086	110813	903-850	111304	910-284	110347
293-18	110959	901-087	110814	903-865	110412	910-307	110814
293-18A	111710	901-088	110517	903-866	110144	910-323	111254
320-13	111225	901-096	110814	903-867	110617	9104-203	112537
320-14	111225	901-100	110517	903-881	110580	910-422	112270
340-07	110505	901-102	110521	903-896	110154	910-423	110264
340-111	110505	901-103	110521	903-898	110152	910-424	110264
340-13	110505	901-106	110529	903-907	110278	910-433	112270
340-33	110505	901-111	110529	903-919	110865	910-434	110168
340-38	110505	901-188	110708	903-926	111310	910-435	110168
340-43	110505	901-190	110708	903-957	111461	910-436	110168
340-55	110233	901-191	110708	903-979	110367	910-437	110168
340-73	110505	901-213	110421	903-980	110367	910-438	110168
340-85	110505	901-236	110154	903-998	110156	910-554	111339
340-94	110505	901-319	111561	904-001	110617	910-575	111042
340-99	110505	901-390	110367	904-036	111103	910-580	111653
380-10	110484	901-509	111068	904-045	110640	910-581	111653
380-11	110483	901-570	112249	904-057	111102	910-623	112097
380-12	110483	901-579	110367	904-097	110365	910-672	111428
380-13	110482	901-581	110856	904-106	110708	910-695	110179
380-15	110484	901-620	110440	904-107	110708	910-696	110179
50-157A	111252	901-627	110817	904-118	110154	910-702	111035
7111	110075	901-635	110439	904-124	110152	910-704	111176
900-001	111059	901-641	110461	904-125	110152	910-705	111176
900-003	110212	901-642	110461	904-197	112290	910-708	111368
900-004	110213	901-655	111737	904-276	110521	910-714	111364
900-014	110206	901-657	110459	904-278	110522	910-715	111362
900-018	110512	901-685	110518	904-294	110640	910-718	111740
900-023	111217	901-692	110814	904-331	110152	910-768	110913
900-030	110601	901-702	110421	904-333B	111100	910-778	112728
900-091	111219	901-747	112742	904-333F	111100	910-779	111082
900-149	111637	901-777	112747	904-377	110154	910-780	111082
900-236	110536	901-786	110707	904-484	111613	910-795	110562
900-236	116139	901-801	110128	904-486	110061	910-820	111565
900-248	112135	901-808A	110178	904-487	110060	910-831	110256
900-295	110520	901-809	110969	904-829	110300	910-842	110386
900-312	110524	901-813	110179	904-863	111065	910-904	110075
900-316	110527	901-826	110179	904-989	112649	910-945	110075
900-322	110527	901-844	110136	905-002	110911	910-951	110075
900-382	111637	901-879	110970	905-039	110759	910-952	110075
900-428	111637	901-890	110975	905-040	110759	910-992	110075
900-447	112074	901-907	110877	905-052	111078	911-010	110075
900-605	110512	901-919	110913	905-053	112719	911-020	110724
900-612	110537	902-071	110882	905-053	116331	911-126	111082
900-615	110512	902-086	111578	905-054	111035	911-127	110882
900-633	110856	902-103	110881	905-057	112719	911-133	112270
900-634	110856	902-139	111364	905-057	116331	911-140	110307
900-644	111212	902-142	111364	905-060	111035	911-141	110168
900-645	111212	902-145	110770	905-061	111036	911-156	111071
900-683	110386	902-147	110770	905-062	111078	911-158	111397
900-720	110144	902-148	111362	905-064	111035	911-215	111705
900-800	110465	902-172	111428	905-066	111035	911-228	110447
900-802	110465	902-185	111428	905-068	110912	911-437	110445
900-810	110818	902-214	111075	905-069	112719	911-449	111435
900-830	110439	902-220	111071	905-069	116331	911-614	110801
900-836	110460	902-221	111071	905-071	111654	911-621	110408
900-837	111573	902-230	111397	905-082	111654	911-624	110408
900-842	110565	902-232	111397	905-085	111654	911-632	110408
900-843	110615	902-236	111686	905-086	111620	911-634	110408
900-848	110460	902-252	111010	905-088	111620	911-641	110408
900-853	110461	902-254	112455	905-089	111654	911-694	110205
900-854	110461	902-282	110368	905-092	111686	911-781	110152
900-869	110459	902-293	110336	905-095	112719	911-796	111189
900-911	110809	902-373	110565	905-095	116331	920-088	111100
900-924	111565	902-406	110210	905-108	110975	920-098	110212
900-942	111475	902-413	110932	905-126	110913	920-101	112159
900-946	111310	902-422	110205	905-132	110173	920-200	110856
900-957	110315	902-457	110205	905-144	110175	920-205	110585
900-993	110292	902-500	110218	905-161	110408	920-206	110793
900-994	110277	902-702	110522	905-173	110408	920-208	110585
901-018	110365	902-800	112089	905-284	110173	940-360	110347
901-029	110365	902-823	112089	905-609	110408	940-530	112165
901-045	110338	902-940	110347	905-676	110408	940-531	112165
901-047	110365	902-976	110347	905-682	110408	940-532	111426
901-053	110352	902-977	110347	905-709	110408	940-534	111514

STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PIC Continued							
940-541	111426	96460315601	112693	MDW4002M	111043	105.514.065	114669
950-003	110226	98660410400	115942	MDW4204M	111043	105.515.120	115932
960-635	112317	99660301200	116170	MDX7047	112317	105.516.120	116094
960-667	112317	99660301201	116170	MDY6116	112317	110.506.092	111525
960-670	112317	99660301202	115835	MDY7037	112317	110.507.092	111088
960-678	112317	99660301203	116170	MDY7039	112317	110.516.082	113208
960-684	112317	99660410300	114316	MDY7040	112317	110.516.092	113208
980-005	110461	99660410400	114316	MDY7055	112317	115.002.040	110374
980-006	110525	99760301202	115678	MDY7061	112317	115.003.040	110138
980-007	110814	99760301203	115678	MDY7066	112317	115.501.040	111048
983-001	113269	PRESTOLITE		MEO6005	112249	115.502.040	110374
983-004	110551	110-872	112159	MF7034	112317	115.504.040	111437
POLARIS							
3084981	113528	11925115	110793	MFX4001	112317	115.506.040	113921
3240110	112010	12777700	112343	MFX4004	112317	115.509.070	115929
3240281	112010	40-259	111863	MFX4005	112317	115.510.060	113306
4010675	112010	462415	111861	MFX7012	112317	115.512.040	114411
4011979	115450	51-178	110427	MFY6201I	110999	115.513.050	111610
4060118	112010	51-212	110427	MFY6201K	110999	115.521.040	111048
POONG SUNG							
02121-8025	112506	66021636	110968	MFY6401K	110999	115.526.070	115929
02121-8026	112506	855694	111000	MFY6401L	110999	115.530.045	110374
02121-8027	112506	858320	110518	MFY6601I	110999	120.002.102	112145
02121-8070	112506	858884	112345	MFY6601K	110999	120.004.102	110483
02121-8071	112506	859232	110895	MGD4002A	111043	120.007.003	112157
02121-8072	112506	859327	111295	MGD4002C	111043	120.010.003	112157
02121-8073	112506	860053	110173	MGD4002M	111043	120.012.093	110537
02121-8074	113903	860141	112097	MGD4007	110647	120.013.093	110240
02121-9020	114766	860305Z	111910	MGD4007A	110647	120.014.103	110644
02121-9021	114766	860507	111231	MGD4013	110647	120.016.092	110647
02121-9022	114766	860541	111219	MGD4102A	111043	120.018.002	113538
02131-9020	115937	860543	111218	MGD4102C	111043	120.021.142	112246
02131-9021	115937	860551	111746	MGD4106	110240	120.024.142	113723
02131-9040	112334	860557	111886	MGD4108	110648	120.509.092	111442
02131-9110	113328	860561	112189	MGD4108A	110648	120.511.092	112214
02131-9111	113328	860616	113672	MGD4110	110240	120.515.092	112217
02131-9112	113328	860616	115881	MGD4113	110647	120.516.092	111442
02131-9113	113328	860650	112224	MGD4115	110240	120.519.112	113361
02131-9130	114827	860705	111771	MGL4001B	110648	120.520.092	114816
02131-9131	114827	860715	114388	MGL4002	110636	120.522.092	115637
02131-9153	115737	860804	114212	MGL4008	110644	120.522.122	113732
02131-9212	114287	860807	113351	MGL4013	110636	120.525.092	115554
02131-9261	115409	860808	113998	MGL4014	110636	120.533.092	115627
02131-9262	115409	860808GB	114016	MGL4105	111861	120.534.092	114389
02131-9310	113328	860809	115618	MGL4109	110644	120.536.092	115362
02131-9311	113328	860813	114001	MHJ7003	112318	120.540.092	112217
02142-5070	114414	861035	112055	MHJ7005	112318	120.541.092	110249
03101-3030	111683	861095	110060	MHJ7024	112318	120.544.103	115406
03101-3031	111683	861311	116291	MHX4001	112318	120.545.132	114855
03101-3050	110389	8AL2014F	110408	MKW4001	110644	120.546.132	115525
03101-3051	110389	8AL2025F	110408	MKW4005	110636	120.547.092	113629
03101-3170	113329	8AL2026F	110408	MKW4006	110647	120.548.092	114226
03101-3180	115968	8MR2349	116079	MKW4007	111861	120.549.092	113821
03101-3190	113329	8SC3133U	110175	POA4001	110240	120.550.122	115687
03101-3210	113329	AELB697	110895	POA4002	110240	120.551.092	115327
03101-3220	113329	ANB6001	110427	POB4001	111043	120.556.092	114389
03111-4040	111065	ANB6002	110427	POC4001	110644	120.557.102	114375
03111-4041	111065	ANB6004	110427	PSH			
03111-4140	113327	ANB7001	110427	015.002.065	110497	120.560.102	113821
03111-4200	114762	ANB7002	110427	016.001.055	110977	120.561.102	115779
03111-4240	114732	ANB7003	110427	100.506.113	112454	120.562.092	114389
03111-5020	112344	ANB7004	110427	100.510.122	115360	120.566.092	115598
03111-5021	112344	AVI147S3103HD	115496	100.511.103	115563	120.570.092	114137
03112-7021	112502	ETK4102	111863	100.501.065	111686	125.002.035	110138
37300-2W000	113903	EVC4002	111864	105.001.065	111686	125.002.055	110927
37300-2W001	113903	FPOR4001	111861	105.004.055	111153	125.508.060	111578
PORSCHE							
91160312004	110931	M105R3502SE	114330	105.007.055	110890	125.512.070	111609
91160315501	112693	M105R3505SE	115447	105.008.085	112453	125.513.070	111609
94860410600	114477	M105R3507SE	113827	105.009.055	111418	125.513.090	111609
94860421001	115998	M105R3509SE	115447	105.009.055	115873	125.517.095	115865
95560301700	116173	MBJ4201	112577	105.010.055	112768	125.518.060	113954
95560311700	116186	MBJ4202	112577	105.012.055	110890	125.519.070	113035
95560410700	116039	MBJ4209	112577	105.503.100	111409	125.523.070	112349
95860410900	116000	MBJ4402	112577	105.504.105	113942	125.524.070	111285
96460315600	112693	MBJ4407	112577	105.505.090	113336	125.526.090	116343
		MBJ6202	112577	105.505.090	113943	125.528.100	114272
		MBJ6304	112577	105.505.100	113943	125.530.080	114841
		MCD4007	110647	105.505.120	113336	125.531.130	114208
		MDF7024	112318	105.508.090	113536	125.537.070	113712
		MDH4001	111043	105.509.120	114829	125.538.090	115661
		MDH4002M	111043	105.510.090	113536	125.546.090	115865
		MDH4102M	111043	105.512.150	114083	125.548.040	113997
				105.513.090	114494	125.549.075	114116

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
125.556.130	115836	150.570.082	114760	190.521.092	113171	200.543.102	115733
125.559.130	115983	150.571.142	114696	190.561.092	114889	200.543.112	115733
125.569.120	114208	150.577.112	115446	190.563.082	114125	200.544.112	115900
130.002.092	111906	150.587.112	116026	190.583.092	114851	200.546.102	115945
130.009.092	110839	150.588.082	115743	190.585.112	114853	200.547.133	115560
130.528.112	114124	150.592.082	115448	190.594.092	115723	200.549.102	115938
130.532.092	113276	150.592.092	115448	190.595.092	113757	200.552.132	115818
130.536.092	114482	150.594.082	113659	190.595.092	115594	205.521.150	115919
130.558.092	115575	151.508.112	114893	190.902.102	115644	205.522.140	115859
130.561.123	115597	151.529.113	115751	190.903.092	114661	205.522.150	115856
130.562.092	115745	155.520.070	113791	190.904.092	114886	205.527.150	116172
130.563.113	115768	155.524.110	112327	190.905.092	115613	205.534.150	115858
130.565.102	115570	155.526.110	115853	195.503.060	110496	205.541.180	115906
130.566.092	115395	155.529.090	112418	195.504.050	110628	205.545.140	115367
130.568.102	115719	155.551.110	113782	195.505.132	113995	205.548.150	115953
130.569.132	115830	155.556.070	115815	195.507.080	111435	205.560.150	115631
130.570.082	114871	155.570.070	113791	195.524.070	111579	210.502.092	111400
131.521.112	115802	155.571.120	115926	195.532.100	115863	210.512.092	115940
135.017.055	113793	155.574.110	115603	195.533.080	111538	210.537.103	114689
135.504.140	115861	155.575.150	115747	195.535.080	111468	210.538.113	115335
135.519.120	115619	155.576.080	115654	195.540.090	115791	210.538.113	116059
135.538.120	115308	155.577.090	115715	195.544.090	111507	210.539.113	114689
135.539.140	114658	155.577.110	115692	195.545.070	112063	210.540.092	115398
135.549.105	116168	155.578.150	115632	195.546.120	115415	210.545.092	115574
135.552.070	112673	155.580.120	115760	195.567.090	115790	210.545.102	115574
135.554.120	115304	155.581.110	114827	195.568.100	114390	210.548.092	115562
135.556.050	115432	155.583.125	115927	195.568.130	114410	210.549.123	115558
135.565.035	114679	155.584.090	115477	195.568.150	115669	210.550.133	115999
135.566.100	114665	155.587.070	115827	195.572.100	114010	210.551.113	115962
135.568.090	116105	155.590.130	116030	195.572.130	114115	210.554.112	116259
135.570.120	110178	155.591.090	113863	195.573.070	114005	215.403.180	115473
135.571.070	114249	155.598.110	115975	195.582.090	114291	215.503.060	116075
135.573.090	115683	155.604.105	112205	195.582.100	113972	215.510.095	111947
135.574.100	115410	155.809.065	111339	195.588.070	114005	215.513.090	111873
135.575.120	115306	155.911.070	115980	195.599.080	114362	215.517.155	115904
135.576.120	115843	156.006.050	114425	195.909.090	114897	215.528.120	115677
135.580.100	114728	160.008.092	110279	195.910.080	114099	215.530.145	113871
135.581.100	114726	160.537.122	113319	195.918.080	114290	215.530.145	115867
135.585.120	115583	160.540.103	115567	195.923.100	114433	215.530.150	113871
135.585.120	116183	160.563.113	116085	195.927.100	114490	215.530.150	115867
135.585.140	114847	160.572.102	115341	195.928.090	114311	215.533.155	113858
135.586.120	115862	160.578.102	115949	195.928.100	114390	215.533.155	115976
135.586.140	116022	160.581.112	115727	195.929.090	114667	215.542.170	115923
135.588.120	115619	160.584.082	114761	195.932.090	114455	215.544.150	116012
135.589.120	115846	160.586.092	115426	195.932.100	115863	215.548.180	115804
135.590.120	115583	160.592.092	114875	195.936.100	115657	215.549.180	116169
135.590.120	116183	160.594.092	114032	195.936.120	115657	215.555.220	116189
135.592.140	116180	161.002.103	116041	195.937.090	114455	215.557.170	114385
135.593.100	115526	161.522.103	114236	195.937.100	115863	215.558.150	115860
135.594.100	114779	165.502.080	115531	195.939.080	114897	215.559.230	116189
135.602.100	113941	165.512.050	112069	195.940.080	114290	215.563.150	115834
135.606.080	116107	165.516.110	116009	195.940.090	114311	215.565.180	115581
135.701.090	115752	165.519.070	115652	195.941.100	114904	215.571.145	114844
135.814.070	113412	165.536.090	115550	195.942.080	112356	215.571.150	114844
136.006.050	115315	165.544.150	114803	195.942.130	114410	215.583.220	116138
136.009.080	116104	165.573.070	115837	195.943.100	114900	220.504.123	114460
136.011.050	115814	165.580.070	115868	195.945.090	114709	220.529.113	113926
136.025.020	113212	165.582.150	115703	195.945.090	116332	220.529.123	113926
136.502.050	115630	165.587.100	115316	195.948.100	114694	220.532.112	113959
140.534.112	115599	165.590.150	115811	195.949.100	115863	220.534.103	114460
140.536.103	115639	165.827.070	112394	195.968.060	112063	220.536.103	116092
145.549.100	115797	165.918.150	116033	195.970.100	114490	225.015.050	111841
145.553.100	114356	170.509.092	111552	195.977.080	114290	225.547.080	112469
145.555.110	116110	175.510.110	115453	195.983.050	114725	225.554.120	115371
145.557.090	115795	175.518.110	115453	195.994.100	114433	225.556.220	115582
145.558.100	116011	180.015.092	114867	195.998.100	114694	225.559.080	114707
145.562.150	116293	180.017.092	114182	196.507.060	116029	225.561.150	115461
150.009.102	114856	180.508.082	110394	200.524.092	114776	225.561.150	116061
150.505.102	110572	180.508.092	114225	200.525.093	115947	225.564.090	115546
150.515.112	113668	180.511.082	115538	200.528.092	115946	225.568.080	115474
150.517.092	113329	180.514.103	115444	200.529.092	115996	225.573.180	115739
150.539.092	113796	180.517.082	110394	200.530.102	115559	230.001.113	112344
150.549.082	114488	180.520.102	116270	200.530.102	116054	231.509.103	113356
150.559.082	114820	185.517.075	116292	200.531.102	115635	235.505.085	114412
150.561.082	114443	185.519.080	116292	200.532.092	115961	235.506.085	114350
150.563.122	114183	185.520.070	111279	200.535.102	115948	235.514.120	114235
150.564.082	113797	185.521.075	114247	200.536.093	115375	235.515.065	114114
150.565.082	115977	185.528.130	115866	200.537.112	115735	235.517.070	114114
150.567.112	115626	185.603.100	114207	200.538.132	115337	236.001.045	115690
150.568.122	114778	190.014.092	115651	200.538.133	115337	250.506.102	113937
150.569.132	110947	190.018.102	114419	200.541.133	115336	250.507.082	114443

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PSH Continued							
250.508.082	115758	361.502.103	114702	495.505.075	116064	550.101.113	111217
250.511.132	115729	361.503.103	114702	500.505.093	113846	550.204.113	110409
250.515.102	116260	400.023.142	111922	500.531.093	114321	550.537.102	115939
255.505.110	116096	400.024.142	113231	500.538.103	116024	550.541.112	114742
255.508.110	114287	400.025.100	111921	500.540.093	113935	550.541.132	114742
255.509.120	115587	400.032.162	110634	500.540.093	115501	550.542.122	114093
255.512.130	115737	400.033.162	112563	500.543.093	114020	550.543.102	116002
255.513.110	115603	400.035.103	110510	500.546.103	114021	550.545.102	114507
255.526.090	116192	400.037.092	111766	500.556.103	116045	550.546.122	114305
255.601.075	115937	400.038.101	110648	500.560.093	115399	550.553.132	115339
266.003.050	115994	400.039.093	110647	500.560.113	115399	550.560.102	115734
266.007.040	115633	400.040.174	113671	500.561.093	115400	550.563.123	114003
276.501.030	114456	400.041.092	113545	500.561.102	115400	550.566.092	115962
286.005.035	111009	400.043.110	111043	500.562.093	111332	550.567.082	114487
291.001.102	112174	400.052.092	111917	500.563.093	110519	550.568.132	115334
300.511.093	112286	400.052.092	116127	500.564.093	110522	550.569.132	114850
300.544.083	112388	400.053.002	112010	500.565.093	114833	550.570.093	110525
300.556.132	115941	400.055.092	111840	500.568.103	116024	550.573.102	115825
300.558.092	116039	400.059.094	111765	500.570.103	115717	550.578.132	115607
300.563.092	114723	400.060.092	112010	500.588.093	115312	550.579.132	115589
300.572.093	115744	400.061.093	111915	501.503.123	113984	550.583.102	116083
300.576.093	115542	400.063.092	111918	501.505.103	114196	550.586.102	115771
300.577.093	114690	400.064.092	112010	501.506.103	114196	550.902.092	115951
300.582.102	115611	400.073.102	112566	505.035.055	111654	551.004.113	113468
300.585.112	115311	400.074.092	113546	505.037.055	112719	551.028.113	113468
300.586.093	114775	400.075.092	113681	505.037.055	116331	551.033.103	110524
300.586.093	115502	400.078.102	113017	505.044.065	111686	551.104.093	110512
300.589.103	115338	400.080.162	110635	505.049.120	114450	551.105.113	110207
300.590.112	115612	400.082.152	113539	505.052.055	110912	551.215.110	115590
300.594.112	115638	400.084.150	116076	505.522.090	112190	551.237.123	113851
300.595.132	115402	400.085.102	113593	505.524.150	115955	551.237.123	115885
300.596.133	115336	400.090.090	110949	505.532.120	114706	551.509.113	112446
300.599.123	114299	400.093.142	113854	505.546.150	115452	551.509.113	116135
300.901.132	115539	400.503.133	115992	505.549.140	115718	551.510.113	113608
300.901.132	116156	400.507.092	114823	505.560.070	113718	551.525.133	114086
300.903.132	115402	400.513.092	114716	505.560.090	113535	551.525.133	115896
300.906.132	115338	400.515.092	115755	505.560.120	114706	551.533.123	115840
300.907.132	115645	400.516.093	114261	505.563.090	115668	551.535.123	115440
300.913.132	115964	405.001.011	113145	505.564.120	115384	551.536.123	115556
300.914.153	116000	405.002.011	113144	505.566.120	114706	551.536.123	115886
300.916.133	115696	405.003.011	113146	505.567.105	115852	551.541.123	116087
300.922.132	115561	405.004.011	113147	505.568.090	115647	551.542.113	115891
300.924.122	115736	425.502.110	114019	505.569.090	115647	551.547.093	110210
300.925.133	115560	425.502.110	116047	505.569.105	115620	555.013.055	110923
300.929.132	115610	425.504.045	115724	505.570.120	115667	555.514.150	115808
300.931.132	115539	425.801.105	114383	505.572.090	115622	555.515.150	115759
300.931.132	116156	425.801.105	116361	505.573.105	114451	555.526.090	111967
305.411.190	113758	440.504.132	115401	505.574.120	115457	555.536.115	112530
305.512.090	111884	440.505.133	115560	505.574.120	116125	555.552.220	116100
305.513.120	112002	445.004.070	110622	505.575.100	113955	555.553.220	115909
305.522.180	116186	445.504.110	115658	505.577.110	116176	555.557.150	115905
305.524.140	113275	445.510.140	115767	505.578.150	115458	555.559.180	115532
305.525.090	112396	450.506.122	113281	505.578.150	116177	555.568.150	114834
305.525.140	113252	450.512.153	115950	505.583.120	115429	555.569.120	114146
305.525.150	115763	450.517.092	115822	505.584.120	114706	555.570.220	116101
305.529.120	111828	450.519.112	115982	506.004.120	112302	555.578.150	116185
305.531.150	113885	450.520.092	115642	506.504.090	115602	555.580.220	115912
305.536.090	116017	450.525.103	115725	506.509.120	115799	555.584.120	115810
305.553.110	115714	450.526.114	114692	506.511.120	115798	555.585.180	114666
305.560.090	113253	450.527.114	114849	510.517.093	114475	555.598.180	114042
305.562.150	115913	450.530.112	115997	511.501.093	112494	555.599.180	115924
305.565.150	116173	450.531.103	115943	515.004.095	114783	555.902.180	115437
305.569.180	116179	450.535.092	115616	515.502.055	115970	555.908.180	115580
305.570.180	115713	450.540.093	115468	515.503.055	115971	555.909.150	115988
305.570.180	116319	455.506.130	115844	516.502.055	113738	555.912.150	116171
305.572.140	115528	455.512.120	115864	516.505.080	115381	555.921.180	115676
305.578.110	115707	455.525.150	116007	516.506.055	115899	555.936.090	113301
305.581.150	113884	455.527.180	115671	520.504.092	115344	555.936.120	113835
305.582.140	115433	455.530.150	115930	520.505.113	112496	555.938.090	115952
305.594.140	115730	455.701.090	114386	521.202.113	110208	556.020.140	110544
305.597.180	114697	470.505.092	115773	525.501.120	115833	556.040.100	112038
305.598.140	115528	475.507.140	115907	535.504.150	113949	556.501.150	115805
305.904.140	115922	475.511.140	114257	540.014.093	110506	556.503.055	113295
305.906.140	115916	480.505.092	115942	540.503.093	116004	556.504.100	113351
305.907.140	115765	480.508.092	114316	540.506.102	114399	556.506.080	114007
305.908.140	115767	480.513.102	111911	540.507.103	112660	556.508.080	114008
305.911.180	115713	480.514.102	115998	540.509.093	111752	556.511.150	115805
305.911.180	116319	485.502.120	115835	540.510.113	110818	556.513.120	116459
305.922.140	115826	495.502.065	111756	540.511.103	112267	556.514.150	115808
305.931.110	115695	495.504.120	115429	540.512.103	112267	556.519.100	116291
305.939.140	114722	495.505.075	113720	540.513.132	113725	556.525.080	113351

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
560.011.092	113981	595.573.120	114757	645.021.130	115812	700.523.103	115389
565.012.060	114190	595.580.080	115659	645.025.090	110937	700.528.103	116136
565.502.070	113768	595.584.120	115459	645.031.105	115520	701.316.103	111097
565.502.120	114808	595.584.150	114724	645.036.060	112989	701.502.092	115325
565.502.175	114785	595.587.150	113849	645.503.055	114218	701.506.103	112670
566.005.035	115309	595.588.070	114129	645.506.090	114902	701.507.103	114397
570.529.093	114526	595.588.090	115762	645.508.120	114403	701.512.113	115776
570.537.093	114526	595.590.090	112654	645.509.100	114536	701.513.103	114702
570.538.123	113927	595.591.150	115576	645.509.130	114536	705.009.080	115777
570.548.103	114074	595.592.120	115959	645.509.145	114536	705.502.100	113529
570.559.113	115686	595.595.150	115576	645.509.160	114536	705.502.120	113529
570.560.093	115685	595.598.150	115933	645.511.060	114097	705.503.065	113763
570.562.123	115728	601.201.133	111003	645.513.080	114770	705.503.075	113763
570.564.114	115698	610.502.112	110530	646.001.060	112261	705.503.100	115742
570.565.123	115829	620.501.113	113153	646.003.050	112160	705.504.085	114384
570.567.103	115357	621.502.113	111000	646.014.050	115995	705.509.095	114772
570.571.123	115624	630.009.103	112442	646.023.095	115794	705.512.095	114081
570.574.113	112295	630.508.113	115572	646.024.065	114813	705.514.050	115436
570.577.083	115842	630.517.112	114275	646.024.095	115385	705.515.120	114896
571.517.123	113673	630.517.113	114275	646.033.065	112493	705.516.095	114772
571.517.123	115882	630.518.102	112546	646.034.050	116164	706.006.055	111295
575.509.150	115857	630.519.103	113429	646.036.150	114347	706.009.050	116023
575.517.120	115317	630.520.103	111041	646.038.075	114864	706.501.055	114714
575.517.135	113993	630.522.102	111755	646.040.140	115387	715.001.100	114787
575.576.110	112059	630.525.102	115314	646.042.040	110952	730.507.112	112173
575.592.110	115411	630.526.092	113596	646.047.075	110173	731.502.112	114398
575.594.110	115655	630.528.092	114674	646.503.090	114296	745.501.175	115343
575.595.075	111937	630.529.092	114486	650.011.103	114777	755.502.075	114784
575.904.150	115704	631.505.103	114824	650.013.123	112243	780.501.092	111304
575.908.110	115653	631.507.103	114712	650.014.103	115536	790.501.093	110640
575.911.150	116184	635.006.112	112062	650.501.103	110565	800.502.113	110545
575.912.150	115920	635.008.095	113552	650.502.103	115721	800.504.113	113901
575.913.120	116066	635.008.120	113552	650.503.103	110819	801.501.113	114266
575.922.120	116182	635.011.075	114868	650.504.103	110565	801.502.113	113484
575.924.120	115921	635.014.070	110976	650.505.103	114387	806.501.060	115851
575.926.090	114879	635.015.120	115605	650.505.103	116307	810.015.112	113705
575.927.150	115813	635.504.200	114192	650.506.132	114860	810.101.093	110538
575.933.150	115356	635.505.060	115462	655.001.070	111355	810.529.103	114746
575.934.110	112457	635.509.090	114191	655.501.085	114840	810.531.122	115588
575.937.185	114826	635.511.150	113975	655.502.175	114698	810.532.113	114818
575.938.150	116178	635.512.200	113707	680.504.093	112390	810.534.123	110436
575.940.150	115431	635.513.090	114681	685.501.120	113621	810.535.113	115769
575.942.120	114463	635.514.020	115463	690.010.092	112547	810.536.113	113550
575.943.110	112457	635.515.150	113899	690.502.092	115697	810.538.112	116051
575.949.090	116174	635.520.200	114211	690.507.112	115329	810.542.103	116053
575.950.090	116175	640.018.103	112255	690.509.092	110447	811.011.112	114170
575.952.090	116299	640.019.103	111049	690.511.092	113307	811.101.093	110601
576.501.080	114809	640.020.103	113172	690.526.092	114333	811.213.093	113850
576.505.110	114880	640.024.103	111224	690.531.082	114485	811.214.113	110207
576.506.040	115454	640.026.103	111224	690.531.092	114485	811.512.112	115674
576.509.110	115481	640.041.113	112089	690.532.082	115322	811.516.123	114872
576.510.130	114846	640.042.113	112089	690.534.092	115423	811.516.123	115875
576.511.100	115832	640.046.123	112089	690.535.113	111001	811.517.123	113827
576.512.110	114407	640.517.093	110962	690.537.122	111300	811.519.113	114047
581.201.093	110210	640.518.102	113552	690.538.092	113893	811.520.123	113830
581.501.093	110520	640.519.092	111683	690.539.092	111197	811.520.123	115884
585.501.200	115682	640.521.103	115323	690.541.092	115378	815.019.100	113631
590.519.015	112235	640.524.123	114325	690.544.112	110940	815.506.100	112557
590.555.103	115391	640.525.112	114870	690.549.092	111021	815.516.172	115753
590.557.103	111906	640.527.123	115326	695.002.035	111195	815.516.180	115753
590.558.103	115405	640.528.112	115564	695.506.010	114516	815.518.160	115708
590.563.093	113962	640.535.103	110941	695.506.014	114516	815.518.160	116352
590.564.103	113905	640.537.103	114309	695.509.040	113921	815.519.150	115606
590.565.122	115986	641.027.123	111224	695.510.045	116109	815.524.115	113971
590.566.122	116065	641.034.123	112243	695.511.030	113921	815.526.075	114664
590.570.123	113703	641.036.123	112243	695.511.040	113921	815.532.180	115412
590.571.113	115769	641.039.113	112089	695.512.060	112721	815.533.150	114724
590.571.122	115732	641.042.123	115347	695.512.060	114251	815.536.150	115908
590.574.122	115732	641.506.103	114326	695.514.040	113742	815.538.150	115606
590.576.113	116316	641.507.103	116072	695.515.020	115691	816.004.060	111631
590.577.112	115555	641.508.133	115821	695.516.050	114219	816.020.175	110176
590.582.113	116050	641.510.102	114282	695.517.050	114263	816.501.100	114212
590.584.103	116049	641.511.103	114710	695.518.045	110374	816.503.080	114212
595.514.095	112151	641.516.103	112498	695.524.090	114256	816.504.120	115824
595.534.120	115789	641.520.103	114695	700.012.102	114748	816.506.100	114303
595.556.150	115417	641.521.103	114326	700.017.133	114730	816.507.080	114843
595.557.150	115750	641.523.123	113827	700.501.092	112534	816.508.150	116098
595.560.150	114805	641.527.103	111760	700.516.103	111793	816.509.080	114845
595.561.120	114866	641.528.103	111760	700.517.103	110615	816.510.110	114880
595.562.150	114898	645.011.095	115680	700.518.103	110443	825.001.095	112556
595.567.150	115847	645.019.115	112993	700.520.102	115991	830.016.092	110231

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PSH Continued							
830.019.102.....	112341	970.009.102.....	112247	914.....	111514	1100157.....	110233
830.020.092.....	110218	970.503.141.....	115740	922.....	112720	1100158.....	110233
830.549.113.....	113727	970.507.092.....	112233	923.....	111426	1100159.....	110505
830.562.103.....	114283	975.001.055.....	111710	947.....	112229	1100162.....	110233
830.574.093.....	114274	975.001.065.....	111710	955.....	111514	1100163.....	110233
830.579.103.....	115573	975.002.042.....	111250	110002.....	111709	1100164.....	110233
830.593.132.....	111703	975.506.095.....	116163	110397.....	111065	1100165.....	110505
830.599.102.....	115420	975.507.070.....	113691	110566.....	112365	1100166.....	110233
830.902.102.....	111492	980.510.092.....	112676	111018.....	110807	1100167.....	110233
830.910.112.....	112241	980.511.113.....	115981	111089.....	110808	1100168.....	110233
830.919.093.....	115571	980.514.092.....	112291	111534.....	111805	1100170.....	110505
830.928.102.....	116082	980.518.092.....	112296	112161.....	112251	1100171.....	110505
835.008.105.....	110235	980.526.092.....	114891	112473.....	111683	1100174.....	110233
835.014.105.....	110503	980.528.092.....	112371	112816.....	110808	1100175.....	110233
835.026.100.....	112834	980.530.092.....	116016	112847.....	114885	1100176.....	110233
835.038.055.....	110237	980.531.092.....	114213	113136.....	113659	1100179.....	110233
835.040.105.....	111854	980.531.092.....	114253	199903.....	111000	1100181.....	110233
835.042.140.....	112884	980.533.112.....	114281	219055.....	113457	1100182.....	110233
835.044.074.....	110724	980.536.082.....	112373	219072.....	112657	1100183.....	110235
835.049.100.....	110986	985.003.055.....	113793	219091.....	111708	1100184.....	110235
835.053.070.....	110235	985.004.060.....	114672	219137.....	113498	1100187.....	110235
835.054.120.....	112880	985.504.080.....	114262	219138.....	113349	1100192.....	110235
835.508.075.....	111193	985.505.060.....	114209	219139.....	113350	1100196.....	110233
835.513.105.....	112344	995.001.065.....	110488	219154.....	115690	1100197.....	110233
835.519.150.....	114663	995.001.090.....	116079	219170.....	114114	1100198.....	110505
835.520.150.....	114663	995.002.037.....	111216	219187.....	111846	1100199.....	110233
835.523.090.....	113600	995.002.065.....	113716	219199.....	113498	1100200.....	110508
835.527.180.....	114832	995.002.090.....	113716	219202.....	113349	1100201.....	110233
835.548.136.....	115935	995.003.050.....	111075	219235.....	114114	1100201.....	110505
835.565.110.....	114405	995.003.070.....	114084	219251.....	114114	1100202.....	110233
835.566.130.....	114534	995.004.037.....	110487	219292.....	116302	1100203.....	110233
835.566.160.....	114534	995.005.070.....	114084	219298.....	111708	1100203.....	110505
835.572.100.....	116020	995.006.090.....	116079	323436.....	111786	1100204.....	110233
835.573.115.....	115925	995.006.105.....	111761	390049.....	113457	1100204.....	110505
835.584.210.....	115701	995.009.065.....	113448	1100077.....	110300	1100205.....	110508
835.904.100.....	112614	995.013.120.....	113716	1100078.....	110591	1100206.....	110508
835.908.136.....	115936	996.001.075.....	110173	1100093.....	110300	1100207.....	110508
835.912.140.....	115911			1100109.....	110233	1100208.....	110508
835.914.124.....	112893	REAL		1100110.....	110233	1100209.....	110508
835.915.160.....	116037	20401234.....	110206	1100111.....	110233	1100211.....	110300
835.916.120.....	114511	20404077.....	110814	1100113.....	110233	1100217.....	110508
835.919.140.....	115761	20404081.....	110813	1100115.....	110233	1100218.....	110233
835.921.130.....	115679	20404082.....	113381	1100116.....	110233	1100221.....	110233
835.921.150.....	115679			1100117.....	110233	1100222.....	110233
845.503.120.....	115788	REMY (DELCO)		1100118.....	110505	1100223.....	110235
845.504.120.....	115787	00E091.....	112251	1100119.....	110233	1100225.....	110233
845.505.150.....	116056	050.....	110972	1100120.....	110233	1100226.....	110233
845.507.120.....	115748	051.....	111168	1100121.....	110233	1100227.....	110233
845.512.150.....	115720	052.....	110972	1100122.....	110233	1100228.....	110233
855.003.055.....	110348	055.....	110972	1100123.....	110505	1100229.....	110233
855.501.080.....	112191	066.....	111168	1100124.....	110233	1100230.....	110233
880.001.092.....	112232	067.....	110972	1100125.....	110233	1100231.....	110233
900.505.132.....	113995	068.....	110972	1100127.....	110505	1100232.....	110233
901.004.093.....	111399	120.....	111169	1100128.....	110233	1100233.....	110233
901.009.113.....	112055	121.....	111169	1100129.....	110233	1100234.....	110233
901.018.113.....	113468	169.....	111127	1100130.....	110233	1100235.....	110233
901.020.113.....	112581	173.....	111127	1100131.....	110233	1100236.....	110233
901.501.123.....	114073	208.....	111168	1100132.....	110233	1100237.....	110508
901.508.123.....	116378	214.....	112165	1100133.....	110233	1100238.....	110233
906.007.055.....	111146	215.....	112165	1100135.....	110233	1100239.....	110508
906.504.112.....	114314	220.....	111169	1100136.....	110233	1100240.....	110508
906.506.110.....	115617	225.....	112416	1100137.....	110233	1100241.....	110508
906.506.110.....	115618	244.....	112056	1100138.....	110233	1100242.....	110508
906.508.110.....	114314	273.....	112720	1100139.....	110233	1100243.....	110508
911.504.123.....	115439	384.....	111426	1100140.....	110233	1100246.....	110508
911.504.123.....	115876	409.....	111426	1100141.....	110233	1100247.....	110508
916.013.150.....	115586	454.....	111514	1100142.....	110233	1100249.....	110508
916.503.100.....	114753	455.....	111514	1100143.....	110233	1100250.....	110508
916.503.100.....	115498	456.....	112229	1100144.....	110233	1100251.....	110508
916.506.110.....	114753	619.....	111168	1100145.....	110235	1100252.....	110508
916.507.100.....	114861	621.....	111169	1100146.....	110233	1100254.....	110508
916.509.100.....	114382	641.....	112056	1100147.....	110233	1100255.....	110508
920.501.093.....	115515	719.....	111168	1100148.....	110233	1100256.....	110233
940.503.092.....	114332	741.....	112056	1100149.....	110233	1100257.....	110508
940.505.092.....	114747	791.....	112056	1100150.....	110233	1100259.....	110508
941.520.123.....	114396	814.....	111514	1100151.....	110505	1100260.....	110508
941.526.112.....	115954	823.....	111426	1100152.....	110233	1100263.....	110508
941.530.113.....	110656	824.....	111426	1100153.....	110233	1100264.....	110508
946.007.060.....	115445	847.....	112229	1100154.....	110233	1100265.....	110508
946.020.090.....	115534	848.....	112229	1100155.....	110233	1100266.....	110508
946.503.060.....	116055	855.....	111514	1100156.....	110233	1100268.....	110233

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1100269	110508	1100581	110233	1100693	110075	1100801	110233
1100270	110508	1100582	110505	1100694	110075	1100802	110075
1100271	110235	1100583	110505	1100695	110075	1100803	110075
1100272	110508	1100584	110505	1100696	110075	1100804	110075
1100273	110508	1100585	110505	1100697	110075	1100805	110075
1100274	110300	1100587	110505	1100698	110075	1100807	110075
1100275	110508	1100588	110233	1100699	110075	1100808	110075
1100276	110508	1100589	110504	1100700	110075	1100809	110075
1100280	110505	1100590	110075	1100701	110075	1100810	110075
1100281	110505	1100591	110075	1100702	110075	1100811	110075
1100282	110235	1100592	110233	1100703	110075	1100813	110075
1100284	110235	1100593	110233	1100704	110075	1100814	110075
1100287	110508	1100595	110233	1100705	110075	1100815	110075
1100288	110508	1100596	110233	1100706	110075	1100816	110075
1100289	110508	1100597	110233	1100707	110075	1100817	110075
1100290	110508	1100598	110505	1100708	110075	1100818	110075
1100291	110508	1100600	110075	1100709	110075	1100819	110075
1100292	110505	1100601	110075	1100710	110075	1100820	110075
1100294	110505	1100605	110075	1100711	110075	1100825	110233
1100296	110235	1100613	110075	1100713	110075	1100826	110505
1100297	110505	1100616	110075	1100714	110075	1100828	110075
1100298	110508	1100617	110075	1100719	110075	1100830	110233
1100299	110508	1100618	110075	1100720	110075	1100831	110505
1100300	110505	1100620	110075	1100724	110075	1100832	110233
1100374	110505	1100621	110075	1100725	110075	1100833	110505
1100419	110505	1100622	110075	1100726	110075	1100834	110075
1100422	110505	1100623	110075	1100727	110075	1100836	110075
1100438	110505	1100624	110075	1100728	110075	1100837	110075
1100441	110505	1100625	110075	1100729	110075	1100838	110075
1100444	110505	1100627	110075	1100730	110075	1100839	110075
1100481	110233	1100628	110075	1100731	110075	1100841	110075
1100485	110505	1100629	110075	1100733	110075	1100842	110075
1100486	110233	1100630	110075	1100734	110075	1100843	110075
1100487	110233	1100631	110075	1100736	110075	1100845	110075
1100490	110505	1100632	110075	1100737	110075	1100846	110075
1100491	110505	1100633	110075	1100738	110075	1100847	110075
1100492	110505	1100634	110075	1100739	110075	1100849	110075
1100493	110505	1100636	110075	1100740	110075	1100851	110075
1100494	110233	1100637	110075	1100741	110075	1100852	110233
1100495	110505	1100638	110075	1100742	110075	1100853	110233
1100496	110505	1100639	110075	1100744	110075	1100854	110233
1100497	110233	1100640	110075	1100745	110075	1100855	110233
1100498	110505	1100642	110075	1100750	110075	1100856	110075
1100533	110075	1100646	110075	1100752	110075	1100857	110075
1100542	110233	1100647	110075	1100755	110075	1100859	110233
1100543	110233	1100648	110075	1100758	110075	1100860	110075
1100544	110233	1100649	110075	1100759	110075	1100861	110233
1100545	110233	1100651	110075	1100760	110075	1100865	110233
1100546	110233	1100655	110075	1100761	110075	1100866	110075
1100547	110233	1100656	110075	1100762	110075	1100870	110075
1100548	110233	1100657	110075	1100763	110075	1100871	110075
1100549	110233	1100658	110075	1100764	110075	1100872	110233
1100550	110233	1100659	110075	1100765	110075	1100873	110233
1100551	110505	1100661	110075	1100767	110075	1100874	110233
1100552	110233	1100662	110075	1100768	110075	1100875	110075
1100553	110075	1100663	110075	1100769	110075	1100878	110075
1100556	110233	1100664	110075	1100770	110075	1100879	110075
1100557	110075	1100665	110075	1100771	110075	1100880	110505
1100558	110075	1100668	110075	1100772	110075	1100881	110233
1100559	110233	1100669	110075	1100774	110075	1100882	110233
1100560	110233	1100670	110075	1100775	110075	1100883	110075
1100561	110505	1100671	110075	1100777	110075	1100884	110233
1100562	110505	1100672	110075	1100778	110075	1100885	110075
1100563	110233	1100674	110075	1100779	110075	1100886	110075
1100564	110233	1100675	110075	1100780	110075	1100888	110075
1100565	110505	1100676	110075	1100781	110075	1100889	110075
1100566	110075	1100677	110075	1100782	110075	1100890	110233
1100567	110075	1100678	110075	1100784	110075	1100891	110075
1100568	110075	1100679	110075	1100787	110075	1100892	110075
1100569	110075	1100680	110075	1100788	110075	1100893	110075
1100570	110075	1100681	110075	1100789	110075	1100894	111250
1100571	110075	1100682	110075	1100790	110075	1100895	110075
1100572	110075	1100683	110075	1100791	110075	1100896	110075
1100573	110233	1100684	110075	1100793	110075	1100897	110233
1100574	110233	1100686	110075	1100794	110075	1100899	110233
1100575	110233	1100687	110075	1100795	110075	1100900	110233
1100576	111250	1100688	110075	1100796	110075	1100901	110233
1100577	111250	1100689	110075	1100797	110075	1100902	110233
1100578	110233	1100690	110075	1100798	110233	1100903	110233
1100579	110233	1100691	110075	1100799	110233	1100904	110233
1100580	110233	1100692	110075	1100800	110233	1100905	110075

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1100906	110075	1101143	110499	1101600	112629	1102460	110233
1100907	110075	1101155	110505	1101601	111090	1102461	110233
1100908	110075	1101156	110508	1101605	110503	1102462	110505
1100909	110075	1101157	110471	1101620	112338	1102465	110233
1100910	110075	1101157	110508	1101628	112338	1102466	110233
1100911	110233	1101159	110505	1101629	112338	1102467	110233
1100912	111250	1101162	110499	1101632	112640	1102468	110233
1100914	111250	1101167	110986	1101633	112640	1102469	110233
1100915	111250	1101170	110986	1101634	110984	1102471	110505
1100916	110075	1101176	110724	1101635	110984	1102472	110233
1100917	110075	1101192	110505	1101636	110984	1102473	110505
1100919	110233	1101194	111713	1101644	111854	1102474	110233
1100920	110233	1101203	110505	1101645	112629	1102475	110233
1100921	110075	1101204	110952	1101646	112629	1102476	110233
1100922	110233	1101205	111713	1101647	112629	1102477	110505
1100923	110233	1101222	110505	1101700	110235	1102478	110233
1100924	110233	1101224	110492	1101806	110502	1102479	110233
1100925	110233	1101225	110235	1101810	110499	1102480	110233
1100926	110505	1101228	110508	1101814	110984	1102481	110505
1100927	110505	1101231	110499	1101822	110499	1102482	110233
1100928	110233	1101239	112880	1101843	111090	1102483	110505
1100929	110505	1101240	110471	1101924	110235	1102484	110233
1100930	110233	1101241	110471	1101925	110235	1102485	110505
1100930	110505	1101242	110471	1101951	113142	1102486	110233
1100931	110075	1101243	110471	1101986	113142	1102487	110233
1100932	110075	1101243	110505	1101998	113142	1102488	110233
1100933	110075	1101244	110471	1102188	110505	1102489	110505
1100934	110505	1101245	110471	1102210	110505	1102490	110233
1100935	110233	1101253	110985	1102228	110505	1102491	110505
1100936	110233	1101254	110985	1102287	110505	1102492	110505
1100937	110233	1101255	110985	1102311	110505	1102493	110233
1100939	110075	1101264	111090	1102329	110505	1102494	110233
1100940	110233	1101266	112447	1102337	110505	1102495	110233
1100943	110075	1101267	112447	1102343	110233	1102496	111250
1100944	110075	1101268	110508	1102344	110505	1102497	110233
1100946	110233	1101276	110508	1102345	110508	1102498	110233
1100947	110233	1101277	110499	1102346	110233	1102499	110505
1100948	110233	1101278	110499	1102347	110233	1102500	110233
1100949	110233	1101279	110508	1102349	110505	1102548	110233
1100950	110233	1101282	110505	1102350	110233	1102549	110233
1100951	110075	1101291	110724	1102351	110233	1102550	110233
1101037	110235	1101293	112338	1102352	110233	1102551	111713
1101038	110235	1101296	112880	1102353	110233	1102578	110505
1101039	110235	1101298	110471	1102354	110233	1102581	110233
1101040	110235	1101299	110471	1102355	110505	1102593	110505
1101041	110235	1101300	110471	1102356	110505	1102600	110499
1101042	110235	1101301	110471	1102358	110505	1102601	110499
1101044	110235	1101303	110508	1102359	110505	1102607	111220
1101045	110235	1101304	110471	1102361	110505	1102614	110503
1101049	110235	1101305	110471	1102362	110505	1102615	110724
1101066	110235	1101307	110508	1102363	110505	1102629	110984
1101067	110235	1101317	112338	1102364	110505	1102630	110984
1101071	110235	1101318	112338	1102367	110233	1102631	110984
1101072	110235	1101323	110235	1102368	110233	1102644	112447
1101074	110235	1101324	110471	1102369	110233	1102839	110233
1101075	110235	1101329	112880	1102370	110075	1102840	110233
1101078	110235	1101332	110471	1102375	110233	1102841	110233
1101080	110235	1101333	110508	1102375	110505	1102842	110233
1101081	110235	1101345	110508	1102376	110233	1102843	110233
1101082	110235	1101432	113143	1102380	110233	1102844	110233
1101083	110235	1101436	110235	1102381	110233	1102847	110505
1101084	110235	1101437	110235	1102382	110233	1102848	110233
1101085	110235	1101439	111713	1102382	110505	1102849	110233
1101086	110235	1101440	111713	1102383	110233	1102850	110505
1101087	110235	1101442	110235	1102384	110505	1102851	110233
1101088	110235	1101443	110235	1102385	110233	1102852	110233
1101093	110235	1101444	110235	1102386	110233	1102853	110233
1101094	110235	1101445	110235	1102387	110233	1102854	110233
1101095	110235	1101448	110235	1102388	110233	1102856	110233
1101097	110235	1101449	110235	1102389	110233	1102857	110233
1101098	110235	1101461	110503	1102390	110233	1102858	110233
1101110	112640	1101483	110724	1102391	110233	1102859	110233
1101111	112640	1101484	110471	1102392	110233	1102860	110233
1101113	110492	1101518	112880	1102393	111250	1102861	110505
1101127	111090	1101551	111169	1102394	110505	1102862	110233
1101137	110498	1101571	110984	1102395	110233	1102863	110233
1101138	110498	1101583	110499	1102397	110505	1102864	110233
1101139	110499	1101593	110499	1102399	110233	1102865	110233
1101140	110499	1101595	110499	1102400	110233	1102866	110505
1101141	110498	1101596	110499	1102455	110233	1102867	110505
1101142	110499	1101599	112629	1102457	110233	1102869	110233

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1102875	110504	1103052	110233	1103144	110505	1105092	110508
1102876	110505	1103053	110505	1103145	110233	1105098	110505
1102877	110505	1103054	110505	1103146	110233	1105160	110505
1102878	110233	1103055	110505	1103147	110233	1105161	110505
1102879	110505	1103056	110233	1103148	110505	1105162	110505
1102880	110233	1103057	110233	1103149	110505	1105163	110505
1102881	110505	1103058	110233	1103150	110505	1105164	110505
1102882	110233	1103059	110233	1103151	110505	1105165	110505
1102883	110233	1103060	110233	1103152	110505	1105166	110505
1102884	110233	1103061	110233	1103153	110233	1105167	110505
1102885	110233	1103062	110233	1103154	110505	1105168	110505
1102886	110233	1103063	110233	1103155	110233	1105169	110505
1102887	110505	1103064	110233	1103156	110233	1105170	110505
1102888	110233	1103065	110233	1103157	110233	1105171	110505
1102889	110233	1103066	110233	1103158	110505	1105172	110505
1102891	110233	1103067	110233	1103159	110505	1105173	110505
1102892	110233	1103068	110233	1103160	110505	1105174	110505
1102893	110233	1103069	110505	1103161	110233	1105175	110505
1102894	110233	1103070	110233	1103162	110505	1105176	110505
1102895	110233	1103071	110505	1103163	110233	1105177	110505
1102896	110505	1103072	110508	1103165	110505	1105178	110505
1102897	110233	1103073	110233	1103166	110505	1105181	110505
1102898	110505	1103074	110233	1103168	110233	1105182	110508
1102899	110233	1103075	110505	1103169	110233	1105183	110508
1102900	110505	1103076	110233	1103170	110233	1105185	110233
1102901	110233	1103078	110233	1103171	110505	1105186	110235
1102902	110233	1103078	110505	1103172	110505	1105188	110505
1102903	110233	1103079	110505	1103173	110505	1105189	110235
1102904	110233	1103082	110233	1103174	110505	1105193	110505
1102905	110233	1103083	110233	1103175	110505	1105195	110233
1102906	110233	1103084	110233	1103180	110508	1105196	110235
1102907	110508	1103085	110233	1103182	110233	1105197	110235
1102908	110233	1103086	110233	1103183	110505	1105198	110235
1102909	110233	1103087	110233	1103184	110505	1105199	110235
1102910	110233	1103088	110233	1103186	110233	1105200	110235
1102911	110233	1103089	110233	1103187	110505	1105243	110235
1102913	110233	1103090	110233	1103188	110505	1105244	110505
1102914	110233	1103091	110233	1103189	110508	1105245	110508
1102915	110233	1103092	110233	1103195	110233	1105246	110235
1102918	110952	1103093	110233	1103196	110505	1105249	110235
1102919	110952	1103094	110233	1103197	110233	1105250	110235
1102920	110505	1103095	110233	1103198	110233	1105328	110235
1102921	110505	1103096	110233	1103199	110233	1105330	110235
1102922	110505	1103097	110505	1105022	110508	1105332	110235
1102925	110505	1103098	110505	1105023	110508	1105333	110235
1102926	110505	1103099	110505	1105025	110508	1105335	110235
1102927	110505	1103100	110233	1105029	110508	1105339	110235
1102928	110505	1103101	110505	1105033	110233	1105342	110235
1102929	110505	1103102	110233	1105034	110508	1105343	110235
1102930	110505	1103103	110233	1105036	110508	1105346	110235
1102932	110505	1103104	110505	1105041	110508	1105347	110235
1102933	110508	1103105	110233	1105043	110505	1105348	110233
1102935	110508	1103106	110233	1105044	110508	1105351	110505
1102936	110505	1103108	110233	1105045	110508	1105354	110492
1102937	110505	1103109	110505	1105046	110508	1105356	110492
1102938	110233	1103110	110233	1105047	110508	1105357	110505
1102940	110505	1103111	110233	1105048	110508	1105360	110233
1102941	110233	1103112	110233	1105049	110508	1105361	110505
1102942	110508	1103116	110505	1105050	110505	1105362	110505
1102944	110075	1103117	110233	1105056	110233	1105363	110505
1102945	110075	1103118	110505	1105058	110508	1105365	110233
1103031	110952	1103119	110233	1105059	110508	1105366	110492
1103033	110233	1103120	110233	1105060	110508	1105371	110508
1103033	110505	1103121	110233	1105066	110505	1105372	110508
1103034	110233	1103122	110233	1105067	110233	1105402	110471
1103035	110505	1103123	110952	1105068	110505	1105415	110235
1103036	110233	1103124	110505	1105069	110505	1105418	111713
1103037	110233	1103125	110505	1105070	110505	1105419	110505
1103039	110505	1103126	110505	1105072	110505	1105420	110505
1103040	110505	1103127	110505	1105073	110504	1105421	110505
1103041	110233	1103128	110505	1105074	110505	1105422	110505
1103042	110233	1103130	110505	1105075	110508	1105423	110505
1103043	110233	1103131	110505	1105078	110233	1105424	110505
1103044	110233	1103133	110505	1105079	110505	1105425	110508
1103045	110233	1103135	110505	1105080	110505	1105426	110508
1103046	110505	1103138	110505	1105081	110508	1105427	110505
1103047	110233	1103139	110505	1105082	110508	1105428	110471
1103048	110233	1103140	110233	1105083	110508	1105429	110505
1103049	110233	1103141	110505	1105084	110508	1105433	110235
1103050	110505	1103142	110233	1105085	110492	1105434	110505
1103051	110233	1103143	110233	1105091	110508	1105441	110471

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1105442	110471	1105599	110508	1107336	112897	1108434	110218
1105443	110471	1105600	110508	1107342	111258	1108435	110218
1105444	110471	1105602	110471	1107355	110218	1108436	110218
1105445	110471	1105603	110508	1107365	111258	1108439	112897
1105446	110471	1105604	110471	1107370	112897	1108443	113172
1105447	110471	1105607	110508	1107372	111258	1108445	110218
1105449	110471	1105608	110508	1107373	112897	1108446	110218
1105451	110492	1105609	111713	1107374	112897	1108448	112897
1105474	110300	1105610	110508	1107377	110468	1108450	111258
1105475	110300	1105611	110508	1107378	110468	1108477	112897
1105476	110300	1105619	110505	1107379	111190	1108479	112897
1105478	111250	1105620	110508	1107388	111258	1108480	110216
1105479	110492	1105621	110508	1107391	112897	1108481	110216
1105480	110471	1105623	110508	1107396	110218	1108493	113172
1105481	110492	1105624	110508	1107399	112897	1108495	110218
1105493	110471	1105627	110508	1107400	112897	1108496	112897
1105494	110508	1105628	110508	1107496	112897	1108498	110218
1105495	110471	1105629	110471	1107514	110590	1108500	110218
1105496	110471	1105630	110471	1107539	110590	1108501	110216
1105497	110492	1105632	110233	1107540	112268	1108502	110216
1105506	110471	1105633	110508	1107557	110472	1108503	112897
1105507	110471	1105634	110508	1107567	110604	1108505	110491
1105509	110492	1105635	110508	1107577	111221	1108506	112897
1105510	110952	1105639	110492	1107580	111041	1108508	111190
1105511	110508	1105645	110505	1107582	110472	1108511	111259
1105512	110235	1105647	110508	1107587	110604	1108512	112897
1105513	110492	1105649	110233	1107588	110602	1108513	110216
1105514	110505	1105650	110508	1107596	112897	1108516	110218
1105515	110492	1105651	110471	1107599	111221	1108517	110218
1105516	110508	1105652	110508	1107652	110218	1108519	110218
1105517	110508	1105653	110508	1107709	112233	1108520	111258
1105520	110505	1105654	110471	1107710	112233	1108521	112897
1105521	110508	1105657	112880	1107711	111258	1108597	112897
1105522	110505	1105661	110984	1107862	112660	1108692	110602
1105523	110508	1105673	110508	1107863	111221	1108745	110216
1105535	111713	1105674	110508	1107867	112660	1108746	110216
1105536	111713	1105675	110508	1107871	111221	1108747	110216
1105537	110952	1105676	110508	1107872	110590	1108748	110216
1105538	111713	1105677	110502	1108026	110218	1108755	111277
1105539	111713	1105678	110502	1108197	110468	1108756	111277
1105540	111713	1105681	110492	1108224	110218	1108758	110218
1105541	110471	1105686	110505	1108225	110218	1108759	110218
1105542	110471	1105689	110984	1108226	110218	1108762	112897
1105543	110471	1105691	110508	1108278	112233	1108765	110218
1105544	110471	1105692	110508	1108282	111258	1108766	110218
1105545	110471	1105697	110503	1108286	111258	1108770	112897
1105547	110471	1105701	110503	1108331	112897	1108774	112897
1105549	110492	1105703	110508	1108333	110218	1108775	111258
1105552	110235	1105704	110508	1108335	110218	1108776	111034
1105553	110492	1105705	110508	1108338	111258	1108777	112897
1105555	110508	1105706	110508	1108348	110218	1108778	110216
1105556	110505	1105707	110508	1108349	110218	1108779	110216
1105558	110505	1105708	110508	1108350	111258	1108780	110216
1105559	110505	1105711	112629	1108351	112897	1108781	110216
1105560	111713	1105715	112629	1108353	110218	1108782	110216
1105561	110471	1107194	110506	1108361	112897	1108783	111258
1105562	110471	1107196	110218	1108363	112897	1108788	111258
1105564	110508	1107203	110469	1108365	112897	1108790	112897
1105565	110471	1107204	110506	1108366	112897	1108794	110218
1105566	110471	1107205	110506	1108367	112897	1108795	110216
1105567	110471	1107209	110491	1108371	112897	1108796	110216
1105568	110471	1107237	112897	1108373	112233	1108797	112897
1105569	110471	1107242	112897	1108374	112232	1108798	110216
1105570	110492	1107247	112897	1108375	112897	1108799	111258
1105571	110492	1107248	112897	1108380	112897	1108857	111000
1105572	110471	1107259	112897	1108382	111258	1108918	110216
1105573	110505	1107260	112897	1108383	110218	1109022	110218
1105574	110505	1107287	110506	1108386	110218	1109025	110216
1105576	110508	1107289	111258	1108387	110218	1109026	110218
1105579	111713	1107293	110218	1108389	110218	1109029	111258
1105580	110508	1107294	110218	1108391	112897	1109036	110216
1105581	110471	1107295	110506	1108400	111258	1109038	112897
1105582	110471	1107298	110218	1108418	111258	1109052	110216
1105584	110505	1107299	110218	1108421	110469	1109056	110216
1105587	110492	1107301	112897	1108422	110506	1109057	110216
1105588	110508	1107302	112897	1108423	110506	1109059	111258
1105590	110508	1107306	112897	1108425	111258	1109061	112897
1105591	110508	1107308	111190	1108427	110216	1109062	110216
1105592	110471	1107320	112897	1108428	110216	1109064	111034
1105594	110508	1107330	110218	1108429	110216	1109065	110216
1105597	110508	1107335	113172	1108430	110216	1109066	110216

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1109067	111258	1109762	111000	1113591	113435	1113893	111000
1109068	110216	1109765	111000	1113593	112267	1113894	111000
1109072	110218	1109768	110347	1113594	111760	1113895	111000
1109074	111258	1109771	110347	1113597	112268	1113898	111000
1109087	111190	1109772	110347	1113640	111224	1113899	111000
1109088	111190	1109773	110347	1113641	111224	1113900	111000
1109090	110468	1109774	110347	1113644	111224	1113901	110999
1109091	110468	1109775	110347	1113645	112089	1113902	111000
1109093	110469	1109776	110347	1113650	111224	1113903	111000
1109095	110506	1109777	110347	1113651	111224	1113904	110999
1109098	110491	1109778	110347	1113652	110569	1113905	111000
1109192	110590	1109780	110347	1113653	111224	1113906	111000
1109219	112341	1109782	110347	1113656	111224	1113908	111000
1109222	110347	1109787	110347	1113672	111224	1113910	110999
1109251	111221	1109788	110347	1113676	111224	1113911	111000
1109253	110590	1109789	110347	1113683	110569	1113912	111000
1109261	110590	1109791	110347	1113706	111000	1113913	111000
1109263	110590	1109798	110347	1113707	111000	1113914	111000
1109272	110604	1109831	110999	1113708	111000	1113915	111000
1109285	110347	1109833	110347	1113709	111000	1113916	111000
1109286	110347	1109834	110347	1113710	111000	1113919	110999
1109287	110347	1109836	110347	1113713	111000	1113920	111000
1109288	110347	1109838	110347	1113717	111000	1113923	110999
1109289	110347	1109839	110347	1113726	111000	1113924	111000
1109290	110347	1109840	110347	1113738	111000	1113925	111000
1109291	110347	1109841	110347	1113739	111000	1113926	111000
1109292	110347	1109842	110347	1113741	111000	1113928	110999
1109293	110347	1109845	110347	1113745	111000	1113929	111000
1109296	110347	1109846	110347	1113748	111000	1113930	110999
1109298	110999	1109861	111000	1113749	111000	1113934	110999
1109356	112233	1109960	110347	1113778	111000	1113935	111000
1109358	112233	1109961	110347	1113781	111000	1113941	111000
1109364	112897	1109965	110347	1113783	111000	1113942	110999
1109365	112897	1109971	110347	1113792	111000	1113943	110999
1109369	112232	1109972	110347	1113800	111000	1113944	111000
1109385	110347	1109973	110347	1113809	111000	1113948	111000
1109415	112897	1109977	110347	1113811	110999	1113949	110999
1109418	113172	1109978	110347	1113813	111000	1113950	110999
1109422	111190	1109979	110347	1113814	111000	1113951	111000
1109423	113172	1109986	110347	1113815	111000	1113952	111000
1109430	111259	1109987	110347	1113817	110999	1113955	111000
1109431	110218	1113248	112668	1113818	111000	1113956	111000
1109439	111049	1113266	112341	1113820	111000	1113957	111000
1109482	110216	1113267	112341	1113823	111000	1113958	111000
1109484	112233	1113269	112341	1113824	111000	1113959	110999
1109485	112232	1113270	112341	1113825	111000	1113960	110999
1109486	111277	1113271	111221	1113827	110999	1113962	110999
1109487	111277	1113273	110602	1113828	111000	1113965	111000
1109488	111277	1113274	112268	1113831	111000	1113966	111000
1109489	111277	1113275	111041	1113834	111000	1113967	110999
1109490	111277	1113276	112267	1113835	111000	1113968	111000
1109494	110347	1113277	111760	1113836	111000	1113969	110999
1109521	110414	1113278	111041	1113840	110999	1113970	111000
1109524	110414	1113279	110604	1113842	111000	1113971	111000
1109526	110221	1113280	110604	1113844	111000	1113972	111000
1109527	110414	1113281	110590	1113845	111000	1113973	111000
1109530	110221	1113282	110590	1113846	111000	1113975	111000
1109534	110414	1113284	112668	1113847	111000	1113976	111000
1109538	110221	1113285	111383	1113849	111000	1113977	111000
1109540	111222	1113288	111222	1113850	111000	1113978	111000
1109550	111041	1113290	112268	1113851	111000	1113980	111000
1109553	110347	1113291	111760	1113853	110999	1113981	111000
1109560	110221	1113292	112267	1113855	111000	1113982	110999
1109563	112341	1113295	112341	1113858	111000	1113983	111000
1109568	111259	1113296	112341	1113859	111000	1113989	111000
1109597	112897	1113353	112243	1113860	111000	1113990	110999
1109631	110347	1113370	112243	1113861	111000	1113991	111000
1109636	110347	1113371	112243	1113862	111000	1113992	110999
1109638	110347	1113402	111224	1113866	111000	1113993	110999
1109642	110347	1113403	112243	1113868	111000	1113994	111000
1109643	110347	1113436	112243	1113872	111000	1113995	111000
1109647	110347	1113479	112243	1113876	111000	1113997	111000
1109649	110347	1113481	112243	1113877	111000	1113998	110999
1109661	110347	1113488	110436	1113878	111000	1113999	111000
1109702	111000	1113494	112243	1113880	111000	1114002	112089
1109704	111000	1113534	112243	1113883	111000	1114009	112089
1109723	111000	1113535	112243	1113884	111000	1114012	112089
1109745	111000	1113536	112243	1113885	111000	1114022	112089
1109755	110347	1113541	112243	1113887	111000	1114025	112089
1109759	110347	1113589	112341	1113890	111000	1114041	112089
1109760	111000	1113590	112341	1113892	111000	1114051	112089

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1114054	112089	1114199	110436	1114853	111000	1117238	110591
1114055	112089	1114703	110436	1114854	111000	1117239	111261
1114056	112089	1114704	110436	1114855	111000	1117243	111261
1114058	112089	1114705	110436	1114856	110999	1117248	111261
1114064	112089	1114706	110999	1114859	110999	1117249	110591
1114067	112089	1114708	110436	1114860	110999	1117250	111261
1114072	112089	1114710	111000	1114862	110999	1117252	111834
1114073	112089	1114711	110999	1114872	110999	1117253	111261
1114074	112089	1114712	110999	1114873	111000	1117256	110591
1114076	112089	1114714	110436	1114874	111000	1117258	111261
1114078	112089	1114715	111000	1114875	111000	1117611	112989
1114081	112089	1114716	112089	1114878	111000	1117612	112989
1114082	112089	1114720	112089	1114879	111000	1117613	112989
1114084	112089	1114722	112089	1114880	111000	1117615	110801
1114085	112089	1114723	112089	1114882	110436	1117618	112989
1114086	112089	1114724	110436	1114883	110436	1117619	110801
1114087	112089	1114725	112089	1114885	110436	1117620	112989
1114088	112089	1114726	112089	1114888	110436	1117621	112989
1114090	112089	1114727	111000	1114889	112089	1117622	110801
1114091	112089	1114728	111000	1114890	112089	1117623	110801
1114092	112089	1114729	110999	1114891	112089	1117628	112989
1114095	112089	1114730	111000	1114892	112089	1117640	110801
1114096	112089	1114735	110999	1114893	112089	1117641	112989
1114098	112089	1114737	111000	1114894	112089	1117642	110801
1114099	112089	1114738	111000	1114895	112089	1117643	110801
1114102	112089	1114740	110999	1114896	112089	1117644	110801
1114107	112089	1114741	112089	1114897	112089	1117645	110801
1114109	110436	1114742	110999	1114898	112089	1117647	110801
1114110	110436	1114747	112089	1114899	112089	1117648	110591
1114111	112089	1114748	110436	1114900	112089	1117650	110801
1114113	112089	1114749	112089	1114901	111000	1117655	110801
1114114	110436	1114750	112089	1114903	111000	1117734	112261
1114115	112089	1114751	112089	1114905	110999	1117735	110937
1114118	112089	1114752	112089	1114906	112089	1117743	110937
1114119	112089	1114754	110436	1114907	112089	1117746	112261
1114122	112089	1114755	111000	1114909	111000	1117805	112261
1114124	112089	1114756	111000	1114910	110999	1117817	112265
1114126	112089	1114759	110999	1114911	110436	1117826	112261
1114127	110436	1114760	111000	1114913	112089	1117828	112265
1114128	112089	1114761	112089	1114914	110999	1117831	112261
1114129	110436	1114762	111000	1114915	111000	1117834	112261
1114130	112089	1114766	112089	1114916	111000	1117836	112265
1114131	112089	1114767	110999	1114917	110999	1117838	112261
1114133	112089	1114769	112089	1114923	111000	1117880	111232
1114136	110436	1114776	111000	1114928	112089	1117885	112994
1114138	110436	1114777	110999	1114935	111000	1117886	112994
1114139	110436	1114781	111000	1114937	112089	1117887	112994
1114140	112089	1114790	111000	1114941	112089	1117889	112993
1114141	110436	1114791	112089	1114945	110999	1117890	112994
1114143	112089	1114793	110999	1114946	112089	1117891	112996
1114144	110436	1114799	112089	1114947	111000	1117892	112994
1114145	112089	1114802	110436	1114949	110999	1117894	111232
1114148	112089	1114805	110999	1114950	111000	1117897	112160
1114149	112089	1114812	112089	1114951	111000	1117898	112996
1114150	112089	1114813	112089	1114953	110999	1117900	112160
1114151	110436	1114814	112089	1114958	111000	1117905	112994
1114152	110436	1114815	112089	1114961	112089	1117906	111232
1114153	110436	1114816	112089	1114963	111000	1117907	111232
1114156	110436	1114819	110347	1114964	111000	1117909	112995
1114157	112089	1114820	112089	1114967	110436	1117910	112995
1114158	110436	1114823	110436	1114968	110999	1117911	111232
1114162	110436	1114824	110436	1114970	111000	1117912	111232
1114164	112089	1114825	110436	1114971	112089	1117914	112993
1114165	112089	1114826	110436	1114977	110436	1117915	112992
1114167	110436	1114827	110436	1114978	112089	1117916	113432
1114169	110436	1114828	110436	1114979	111000	1117917	112995
1114170	112089	1114832	110436	1114980	110999	1117919	112995
1114172	112089	1114833	110436	1114983	112089	1117920	112995
1114174	110436	1114834	110436	1114984	112089	1117921	112995
1114175	110436	1114835	110436	1114985	112089	1117922	112995
1114179	112089	1114842	111000	1114987	111000	1117923	112995
1114180	112089	1114843	110999	1114989	110999	1117924	113432
1114185	112089	1114844	111000	1117069	110591	1117925	111232
1114186	112089	1114845	110999	1117147	110937	1117929	111232
1114187	112089	1114846	111000	1117148	110937	1117931	111232
1114188	112089	1114847	111000	1117160	110937	1117933	113432
1114189	112089	1114848	111000	1117164	110937	1117934	112995
1114190	110436	1114849	111000	1117226	111261	1117941	112996
1114193	112089	1114850	111000	1117229	111261	1117942	111232
1114194	112089	1114851	111000	1117230	111261	1117943	112996
1114197	112089	1114852	111000	1117236	111261	1117947	111232

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
1117948	113432	1990323	112089	1990466	110436	1993902	112243
1117949	111232	1990324	110999	1990468	112089	1993903	112169
1117950	111232	1990325	110436	1990469	110436	1993909	112243
1117951	111232	1990326	111224	1990470	112089	1993910	112243
1117952	113432	1990330	112243	1990471	110436	1993918	113695
1117953	111232	1990332	112243	1990474	110999	1993924	111000
1117954	111232	1990337	112089	1990475	112089	1993931	112255
1117955	111232	1990343	110999	1990476	110436	1993935	110436
1117956	111232	1990344	111000	1990477	112089	1993937	110436
1117957	112993	1990348	112089	1990478	112089	1993938	110436
1117958	112993	1990349	112089	1990480	110436	1993939	110436
1117959	112993	1990352	112089	1990483	112089	1993942	110436
1117961	112996	1990353	110436	1990484	113153	1993943	110436
1117962	112993	1990354	112089	1990485	111000	1993945	110999
1117963	112995	1990355	113153	1990487	110436	1993954	112169
1117964	112995	1990356	110436	1990490	112089	1993961	110436
1117965	111232	1990357	110999	1990491	111000	1993974	112255
1117966	111232	1990358	112089	1990492	110436	1993977	112089
1876552	111258	1990359	110999	1990493	111000	1993980	115347
1955603	110216	1990360	110999	1990495	112089	1993983	110436
1970445	111258	1990361	111000	1990496	110436	1993988	111224
1979857	110508	1990362	110436	1990497	110999	1998210	111190
1979858	110508	1990363	112089	1990703	110436	1998211	110216
1979859	110508	1990364	110999	1990719	111786	1998213	112897
1979860	110233	1990366	110999	1990809	110999	1998217	110216
1979861	110233	1990367	111000	1990838	111000	1998222	110216
1979862	110233	1990368	111000	1993700	111000	1998223	110216
1979863	110233	1990369	110436	1993703	110436	1998225	111258
1979865	110233	1990370	110436	1993704	110999	1998226	110216
1979866	110233	1990372	112089	1993705	111224	1998227	112897
1979867	110233	1990373	110999	1993707	112243	1998234	112897
1988430	110221	1990374	110436	1993712	111224	1998235	112897
1988723	110221	1990375	112089	1993713	112255	1998236	112897
1990202	111000	1990376	112089	1993719	112255	1998238	110216
1990204	110999	1990378	111000	1993729	112243	1998241	110216
1990205	110436	1990379	110436	1993732	112243	1998242	110216
1990219	110436	1990382	111000	1993754	111224	1998243	110216
1990220	110436	1990383	111000	1993756	114325	1998244	110216
1990221	110436	1990384	111000	1993762	111224	1998246	110216
1990224	112089	1990385	110436	1993763	112255	1998247	110216
1990229	110347	1990386	112089	1993769	111224	1998253	110216
1990231	110347	1990387	110436	1993772	110436	1998266	110468
1990235	110347	1990388	111000	1993775	110436	1998267	110468
1990237	110347	1990390	111000	1993776	113153	1998269	110469
1990239	110347	1990391	113153	1993778	112255	1998270	110469
1990248	110347	1990393	113153	1993783	110436	1998271	110506
1990249	110347	1990394	110436	1993790	111224	1998274	110491
1990250	110347	1990398	112089	1993794	112255	1998280	112233
1990251	110347	1990399	110436	1993795	110436	1998281	110469
1990259	110347	1990400	112089	1993796	110999	1998282	112233
1990260	110347	1990402	110999	1993797	110999	1998305	111259
1990262	110347	1990403	110436	1993799	111224	1998314	111786
1990263	110347	1990409	111000	1993802	111000	1998315	112233
1990264	110347	1990410	111000	1993803	112089	1998316	112232
1990266	110347	1990411	111000	1993804	110999	1998317	111277
1990268	110347	1990412	111000	1993805	111000	1998318	111277
1990269	110347	1990413	110999	1993806	110436	1998330	110590
1990270	110347	1990414	110999	1993807	112089	1998334	110604
1990271	110347	1990416	111000	1993808	110999	1998335	110590
1990272	110347	1990418	111000	1993810	111000	1998336	111041
1990273	110347	1990420	112089	1993811	110436	1998337	110472
1990274	110347	1990421	113153	1993813	112089	1998338	110604
1990276	110347	1990422	111000	1993814	110999	1998339	110602
1990279	111000	1990423	112089	1993815	110999	1998340	112268
1990281	110436	1990424	112089	1993816	112089	1998342	110590
1990282	111000	1990425	110436	1993819	112255	1998350	112268
1990283	110999	1990426	113153	1993820	110436	1998357	112268
1990284	110347	1990428	113153	1993831	113695	1998359	110590
1990290	110436	1990429	110436	1993833	110999	1998373	112268
1990297	110999	1990432	110999	1993836	113153	1998376	110590
1990300	110436	1990433	110999	1993840	110347	1998378	110604
1990304	110436	1990437	111000	1993842	111000	1998383	111041
1990306	112089	1990441	110436	1993856	112089	1998387	111041
1990309	111224	1990443	110436	1993869	112255	1998389	111222
1990310	112255	1990452	110436	1993871	112255	1998394	110604
1990313	112255	1990453	110999	1993874	112255	1998396	112897
1990315	111224	1990455	110999	1993879	114325	1998400	112897
1990316	112255	1990456	111000	1993881	111224	1998401	112341
1990317	112255	1990457	110999	1993886	111224	1998404	112233
1990318	111224	1990458	112089	1993894	111224	1998405	112232
1990319	112255	1990460	111000	1993901	112243	1998408	112267

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
1998409	110604	3472204	113376	8200077	114325	9000801	111684
1998421	112233	3472208	111168	8200078	114326	9000802	111127
1998423	112267	3472641	112056	8200086	114013	9000805	112904
1998427	111034	3493204	113376	8200138	111982	9000819	111786
1998435	112897	3493214	112165	8200297	115801	9000819	115985
1998436	110216	3493220	111169	8200330	114330	9000820	111699
1998437	110216	3493225	112416	8200435	115447	9000821	111786
1998438	110216	3493230	112056	8200519	113851	9000821	115985
1998439	110216	3493244	112056	8200519	115885	9000822	111699
1998440	110216	3493273	112720	8200700	114330	9000833	112900
1998441	110216	3493409	111426	8200702	115447	9000834	112906
1998442	112341	3493454	111514	8200724	114330	9000835	114124
1998448	110221	3493455	111514	8300011	115447	9000837	112902
1998450	110221	3493459	112416	8300016	114330	9000839	112239
1998456	112267	3493619	111168	8300018	114330	9000839	115985
1998457	112267	3493621	111169	8300019	113550	9000840	112239
1998460	112233	3493641	112056	8300023	114326	9000840	115985
1998467	110216	3493719	111168	8300024	114325	9000841	112241
1998468	112268	3493721	111169	8300025	113827	9000842	112902
1998480	110590	3493741	112056	8400013	116163	9000847	112900
1998481	111041	3493791	112056	8400156	114512	9000850	111699
1998484	112268	3493814	111514	8400157	114665	9000851	111786
1998488	111760	3493815	111514	8400158	114512	9000851	115985
1998490	112267	3493823	111426	8400159	114665	9000853	112906
1998506	112267	3493824	111426	8400160	116168	9000854	112902
1998513	111786	3493847	112229	8400218	114512	9000855	115740
1998514	110221	3493848	112229	8400219	114665	9000858	112241
1998515	110221	3493855	111514	8400224	115438	9000859	112900
1998516	112897	3493914	111514	8600000	116010	9000860	112240
1998521	110221	3493923	111426	8600002	116163	9000862	112904
1998522	112267	3493927	111426	8600009	114536	9000866	112906
1998524	111034	3493955	111514	8600032	114536	9000871	112241
1998526	110221	8000004	114431	8600043	114534	9000873	112902
1998530	110221	8000006	114460	8600050	114864	9000875	112905
1998544	110221	8000032	114145	8600068	114536	9000876	112904
1998557	112897	8000048	114298	8600142	114536	9000879	112240
1998558	110216	8000111	114476	8600143	114534	9000884	111786
1998560	110216	8000129	114159	8600151	114536	9000884	115985
1998561	110216	8000153	116151	8600163	114536	9000885	113679
1998562	110216	8000169	115569	8600167	114534	9000885	115985
1998564	112897	8000174	113659	8600168	114534	9000889	114124
1998566	110216	8000180	114341	8600313	114351	9000895	111699
1998568	110216	8000193	111699	8600402	114534	9000899	112240
1998569	110216	8000213	115773	8600403	114534	9000902	114341
1998570	110216	8000269	115626	8600404	114534	9000910	112241
1998574	110216	8000277	114476	8600479	114864	9000925	112902
1998576	111049	8000282	111786	8600498	112427	9000926	112905
1998577	112897	8000282	115985	8600498	115871	9000934	114341
1998579	110218	8000285	115758	8600512	116291	9000936	114124
1998580	111277	8000286	112534	8600578	116291	9000939	112902
1998583	110216	8000321	114124	8600620	116291	9000952	114124
1998584	110216	8000340	115743	8600621	116291	9000965	114124
1998589	110216	8000344	114476	8600764	116291	9000967	114341
1998590	110216	8000357	115758	8700008	114534	9000981	111123
1998591	112897	8000375	115575	8700009	114536	10436058	110508
1998599	112233	8000387	114298	8700010	114536	10455004	110221
3182972	110509	8000395	113659	8700011	114536	10455006	110221
3471169	111127	8000396	115446	8700012	114534	10455011	111034
3471173	111127	8000400	114443	8700013	114534	10455013	111034
3471214	110972	8000417	114476	8700021	114536	10455016	111034
3471396	110839	8000484	114443	9000700	111127	10455017	110221
3472021	111364	8000511	115446	9000719	111786	10455024	110221
3472022	113376	8000530	115626	9000725	111786	10455042	111034
3472024	113376	8000531	114476	9000735	111786	10455050	111034
3472038	113376	8000551	116271	9000751	111127	10455054	111034
3472039	113376	8000675	116283	9000756	111127	10455065	112912
3472049	113376	8000680	116271	9000758	111127	10455070	111034
3472050	110972	8200000	113827	9000761	111786	10455300	112897
3472051	111168	8200004	111982	9000762	111786	10455301	110216
3472052	110972	8200011	116004	9000763	111699	10455304	110469
3472061	113376	8200022	114330	9000768	111786	10455305	110216
3472066	111168	8200023	114325	9000772	111127	10455306	110216
3472067	110972	8200024	114326	9000773	112897	10455308	110216
3472068	110972	8200029	114013	9000775	112904	10455332	111190
3472069	112056	8200032	114330	9000785	111127	10455340	110469
3472104	113376	8200033	113550	9000786	112240	10455343	110216
3472120	111169	8200034	114330	9000789	111786	10455355	110469
3472121	111169	8200039	114330	9000791	111127	10455503	111849
3472130	112056	8200040	113550	9000795	111123	10455506	111123
3472144	112056	8200041	114330	9000796	112897	10455513	112546
3472152	112056	8200072	113827	9000798	112897	10455516	112546

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
10455600	112233	10461042	112089	10463043	110503	10465022	111127
10455601	112233	10461043	111000	10463045	112629	10465026	112267
10455602	112232	10461045	112089	10463069	112880	10465027	110221
10455603	110216	10461046	110436	10463092	112338	10465028	110221
10456414	110075	10461047	111000	10463097	110984	10465033	110221
10456415	110075	10461050	110436	10463098	112338	10465042	111786
10459002	112261	10461051	110436	10463099	110985	10465043	112267
10459006	111261	10461052	112089	10463104	112629	10465044	111041
10459007	110591	10461053	112089	10463114	110503	10465045	111041
10459011	110591	10461054	111000	10463118	110724	10465046	111041
10459016	110937	10461055	113153	10463148	112629	10465047	110604
10459020	112989	10461057	110347	10463158	112629	10465048	110604
10459026	112160	10461067	112089	10463160	110300	10465049	110590
10459037	112996	10461068	111000	10463164	112338	10465050	110590
10459038	112996	10461075	112089	10463165	112338	10465053	112341
10459040	112996	10461076	112089	10463169	110499	10465054	112341
10459041	112996	10461077	112089	10463175	110503	10465058	110602
10459050	113432	10461089	112255	10463181	112629	10465065	111034
10459051	113432	10461107	110999	10463186	110984	10465075	110225
10459052	111232	10461114	112089	10463206	110499	10465081	110231
10459053	111232	10461125	110347	10463211	110499	10465082	110231
10459054	111232	10461126	112089	10463212	112629	10465130	112341
10459057	112261	10461127	112089	10463214	111220	10465143	112897
10459059	112996	10461128	111000	10463245	112338	10465149	112267
10459061	111261	10461136	110999	10463264	110503	10465167	112240
10459062	110591	10461178	112089	10463267	110682	10465168	112341
10459064	111261	10461179	111000	10463338	112884	10465211	112267
10459071	110591	10461184	111000	10463375	111854	10465293	112897
10459072	111261	10461185	112089	10463377	112886	10465294	112904
10459076	110591	10461204	115347	10463389	111711	10465295	112268
10459105	112994	10461229	112255	10463407	112614	10465348	110602
10459109	112994	10461238	112261	10463408	111223	10465365	112267
10459111	112996	10461259	111000	10463413	111711	10465384	112900
10459133	111232	10461277	111000	10463415	112639	10465385	112906
10459134	112994	10461278	111000	10463417	112640	10465389	112912
10459135	112996	10461279	112255	10463418	111711	10465393	111034
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10459155	112996	10461285	112267	10463425	112640	10465420	110602
10459157	112994	10461303	111224	10463443	111223	10465440	110485
10459158	112994	10461334	113550	10463523	112888	10465459	112900
10459159	112996	10461357	110999	10463624	111854	10465463	112902
10459174	112994	10461361	115347	10463630	112615	10465520	112241
10459175	112996	10461402	113695	10463636	112893	10465523	112904
10459177	112994	10461405	113695	10463651	111712	10465527	112905
10459178	112996	10461446	111041	10463652	111712	10465537	113429
10459188	112824	10461447	111041	10463655	110508	10465540	113725
10459189	112824	10461448	110604	10463678	112884	10465542	112900
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10459191	112824	10461453	113435	10463690	111712	10465584	110485
10459192	112824	10461461	112652	10463692	112893	10478803	110436
10459193	112824	10461463	112268	10463728	110659	10478809	110347
10459200	112989	10461466	113452	10463734	110703	10478811	113695
10459205	112834	10461468	111760	10463807	110802	10478855	110347
10459210	112996	10461469	111760	10463820	111406	10478861	111000
10459211	111232	10461470	111982	10463839	112868	10478864	110999
10459217	112834	10461483	112668	10463940	111712	10478879	110347
10459254	112834	10461486	111760	10463966	112615	10478880	110347
10459261	112160	10461533	110999	10464073	112615	10478884	110347
10459301	112994	10461645	113429	10464075	112615	10478911	110347
10459306	112160	10461753	113550	10464081	112893	10478912	110347
10459333	112160	10461754	114330	10464084	112665	10478943	111000
10459353	114864	10461756	114330	10464158	111264	10478946	111000
10459367	112996	10461758	114013	10464165	111315	10478948	115347
10459456	115812	10461759	114013	10464174	111285	10478960	113695
10459472	112834	10461772	116004	10464206	111807	10478961	113695
10459498	112996	10461777	113550	10464209	112977	10478962	110436
10459510	112996	10463001	112629	10464388	111807	10478963	112089
10459547	112996	10463002	112629	10464404	112850	10478964	113153
10461008	112255	10463007	111090	10464405	112853	10478980	111000
10461021	110436	10463011	110498	10464409	112615	10478986	111000
10461024	111000	10463012	110498	10464438	112850	10478997	110436
10461025	110999	10463013	110499	10464451	112850	10478998	111000
10461028	113153	10463014	110499	10465001	111786	10479011	115347
10461030	111000	10463015	110498	10465009	111786	10479030	113153
10461031	110999	10463016	110499	10465013	112341	10479038	113153
10461032	110436	10463017	110499	10465014	112341	10479052	110436
10461033	112089	10463035	110986	10465015	113435	10479054	111224
10461034	110436	10463036	110986	10465016	110724	10479062	113153
10461038	112089	10463037	110986	10465018	110221	10479082	113153
10461039	111224	10463041	110986	10465021	111127	10479104	112089



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
10479107	114325	10480082	111711	12567585	114341	19011501	113851
10479108	112169	10480084	112639	12573853	112902	19011501	115885
10479111	111000	10480085	110498	15226003	113777	19011504	114003
10479115	110999	10480086	112640	15750871	112853	19011506	113550
10479118	110999	10480087	111711	15754097	113777	19011507	114330
10479175	112243	10480088	110502	15768830	112853	19011509	114330
10479196	112243	10480092	110984	18000004	114431	19011511	114013
10479252	111000	10480093	110984	19009950	115520	19011516	113550
10479264	110999	10480094	112639	19010000	110591	19011518	113550
10479339	110347	10480097	110500	19010001	111261	19011521	113550
10479340	110347	10480099	112640	19010002	110591	19011522	114330
10479343	110347	10480104	110500	19010006	111261	19011523	114330
10479384	111426	10480105	110499	19010008	110591	19011524	114013
10479605	112652	10480111	112888	19010020	111261	19011530	113550
10479607	112268	10480114	110499	19010024	110591	19020204	115680
10479611	113435	10480130	112893	19010100	111232	19020208	116010
10479613	110602	10480134	110499	19010101	112994	19020300	112824
10479617	113452	10480157	111854	19010104	112996	19020302	112824
10479621	112267	10480167	111712	19010105	112994	19020303	112824
10479622	111760	10480168	111712	19010108	112160	19020305	112834
10479623	111760	10480182	112615	19010111	112160	19020306	112834
10479624	112267	10480184	112868	19010115	112995	19020307	112160
10479626	111982	10480187	112614	19010116	112996	19020308	112834
10479627	110524	10480189	111223	19010120	112993	19020310	112834
10479647	114710	10480190	111223	19010126	112995	19020312	112834
10479655	111760	10480198	111712	19010127	112995	19020323	112824
10479656	111760	10480201	112884	19010128	112995	19020346	112160
10479802	112338	10480203	112888	19010134	111232	19020358	112824
10479805	110682	10480206	112893	19010136	112993	19020359	112824
10479807	112338	10480214	112165	19010137	112993	19020364	112824
10479808	112338	10480215	112165	19010138	111232	19020365	112824
10479811	110499	10480222	111426	19010139	112995	19020375	115812
10479814	110499	10480225	112416	19010145	112996	19020376	112160
10479815	110503	10480226	111514	19010147	112996	19020377	112824
10479825	110235	10480229	112850	19010148	112160	19020379	112834
10479826	110235	10480234	112853	19010150	112996	19020381	112834
10479827	110235	10480240	112615	19010153	111232	19020382	112160
10479850	110508	10480251	112665	19010154	112993	19020383	112160
10479858	110492	10480252	111223	19010155	111232	19020391	112160
10479874	110984	10480254	112665	19010156	113432	19020501	110233
10479883	110984	10480255	112893	19010157	112993	19020507	111216
10479891	112884	10480262	112615	19010158	112993	19020600	114172
10479902	110499	10480264	112615	19010159	112993	19020601	113685
10479906	112629	10480273	112720	19010160	112993	19020606	113694
10479909	110499	10480307	112615	19010161	112993	19020608	113692
10479910	110499	10480326	112850	19010162	112993	19020609	113685
10479911	110499	10480378	112615	19010163	112993	19020611	114812
10479912	112629	10480384	111426	19010166	112993	19020612	114812
10479913	110499	10480388	112850	19010168	112995	19020615	113694
10479914	111514	10480390	112853	19010170	112996	19020616	113691
10479916	110724	10480407	113771	19010171	111232	19020801	112824
10479921	112338	10480409	111426	19010172	111232	19020806	112824
10479922	112338	10490000	111846	19010173	111232	19020900	114534
10479923	111426	10490073	111846	19010174	111232	19020901	114536
10479924	111713	10495425	110508	19010175	111232	19020902	114534
10479925	111713	10495426	110508	19010176	111232	19020903	114536
10479926	111713	10495427	110508	19010179	111232	19023060	113827
10479927	111713	10495429	110508	19010181	112994	19024000	110537
10479929	111713	10496871	112897	19010182	112160	19024001	110409
10479930	111713	10496873	110216	19010185	112160	19024005	110538
10479947	112229	10496874	110216	19010187	112996	19024008	110539
10479955	111514	10496882	112267	19010188	112996	19024010	110206
10479962	111220	10496883	112267	19010189	111232	19024011	110533
10479963	110503	10497079	110471	19010191	112996	19024012	111003
10479984	112614	10497083	111713	19010192	111232	19024013	110207
10479990	111708	10497111	112880	19010193	112160	19024015	110208
10479991	111223	10497122	110502	19010195	112160	19024016	110208
10479994	112640	10497145	110502	19010196	112996	19024018	110582
10479995	112886	10497425	110508	19010199	112160	19024024	110512
10479997	112640	10499176	111232	19010200	112160	19024025	110206
10479998	110499	10663530	110499	19010202	112995	19024026	112507
10479999	111708	10754097	112853	19010207	112996	19024028	111218
10480000	111846	12301334	111699	19010212	111232	19024030	110534
10480017	111223	12558851	112912	19010507	114330	19024035	110535
10480028	110500	12560672	112902	19010509	114330	19024037	110208
10480036	110499	12563863	112905	19010615	112232	19024040	110932
10480058	110505	12563907	112906	19010617	112233	19024042	110212
10480068	110499	12563908	112902	19011189	114864	19024046	110582
10480069	111711	12563919	112904	19011192	112160	19024047	111219
10480072	111223	12564107	112241	19011195	114864	19024048	110980
10480073	111846	12564108	112240	19011403	116004	19024049	110981

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
19024051	110210	19024743	112317	96275481	111849	323-855	110436
19024052	111046	19024813	110523	96289430	113860	323-864	113153
19024053	110213	19024815	110551	96341300	113498	323-871	112089
19024054	110532	19024817	110565	96380673	114114	336-2002	112902
19024063	111219	19024821	110819	96404010	113349	35032VL	110206
19024071	110531	19024824	110536	96404011	113498	CER3087	112251
19024072	112120	19024824	116139	96450663	111848	DRA0005	114524
19024075	110205	19024838	111025	96499043	114350	DRA0005	116295
19024076	112119	19024839	110352	96550792	111684	DRA0006	113919
19024077	110214	19025037	110611	96566262	111847	DRA0007	113718
19024078	110212	19025042	111180	96567255	116302	DRA0007N	113718
19024080	111231	19025042	116133	96569440	111849	DRA0009	113407
19024085	112116	19025044	112097	96843574	114159	DRA0012	115797
19024099	110208	19025046	110890	15754097M	113777	DRA0014	113791
19024101	113850	19025049	110912	17610-Q1010	111805	DRA0017	113954
19024106	110981	19025051	111035	321-1006	112886	DRA0018N	116168
19024109	110206	19025056	110912	321-1015	110508	DRA0021	113253
19024179	111771	19025057	112097	321-1016	112629	DRA0023	113709
19024196	113851	19025059	111654	321-1056	112888	DRA0023N	113709
19024196	115885	19025060	111686	321-1095	112893	DRA0024	113710
19024201	110520	19025062	111654	321-1134	112893	DRA0024	116124
19024202	110522	19025063	111180	321-1139	112868	DRA0024N	113710
19024204	110524	19025063	116133	321-1429	112893	DRA0024N	116124
19024205	110525	19025067	110912	321-1748	112850	DRA0028	115742
19024223	110525	19025068	111418	321-1749	112853	DRA0029N	113967
19024224	110536	19025068	115873	321-1753	112615	DRA0036	113996
19024224	116139	19025069	110923	321-1797	112615	DRA0041	113247
19024225	110524	19025070	111093	321-1798	112850	DRA0041X	113247
19024226	110523	19025071	110913	321-1811	112850	DRA0042	114701
19024229	110519	19025074	110112	321-275	112880	DRA0050	111225
19024230	110529	19025100	112159	321-339	112629	DRA0052	115606
19024231	110521	19025101	112076	321-367	112880	DRA0056	115847
19024232	110518	19025107	112159	321-409	110724	DRA0057	115434
19024233	110527	19025109	113448	321-431	110984	DRA0058	115365
19024234	110523	19025110	113448	321-439	112629	DRA0058N	115365
19024235	110536	19025111	113448	321-452	112629	DRA0059	115544
19024235	116139	19025112	113448	321-479	112629	DRA0061N	112327
19024236	110524	19025113	112561	321-503	112629	DRA0062X	114009
19024238	110530	19025114	111886	321-523	110682	DRA0067	113946
19024239	110368	19025304	110544	321-594	112884	DRA0071	110483
19024242	110517	19025330	111833	321-602	111261	DRA0072	110484
19024249	110368	19025333	111842	321-654	110300	DRA0074	113792
19024250	111001	19025339	112424	321-655	110591	DRA0075	113792
19024252	110536	19025347	110544	321-660	110801	DRA0078	113253
19024252	116139	19025600	110060	321-665	110801	DRA0079	111309
19024253	110522	19025602	110061	321-666	112989	DRA0079X	111309
19024255	110814	19025772	110350	321-667	111713	DRA0082	115317
19024256	110518	19025787	111035	321-687	112996	DRA0083	115750
19024257	111752	19025789	111035	321-688	113432	DRA0087X	114804
19024258	110524	19025791	111036	321-697	110591	DRA0089	114895
19024260	112037	19026026	113827	321-698	111261	DRA0089X	114895
19024261	111793	19026030	113827	321-739	112824	DRA0091	114409
19024262	111399	19026031	114325	323-1062	112900	DRA0092X	114754
19024264	111640	19026032	114326	323-1063	112906	DRA0095	112355
19024272	110529	19070006	112561	323-1064	112912	DRA0098	114250
19024273	110521	19070007	113351	323-1065	112912	DRA0098X	114250
19024280	113466	19070008	113351	323-1396	112900	DRA0099	112351
19024286	113468	19070009	113351	323-1400	112902	DRA0101	112002
19024294	114397	19070014	113351	323-1432	112904	DRA0102	115418
19024550	110512	19070015	113351	323-1434	112241	DRA0104	114354
19024553	110207	19070016	113351	323-1446	112905	DRA0107	115309
19024555	110208	19070032	112581	323-1476	112905	DRA0108N	114289
19024556	110512	19070033	113608	323-1483	112902	DRA0109	115786
19024561	110537	19070036	112224	323-394	111786	DRA0110	111649
19024562	110537	19070039	111982	323-404	111786	DRA0111	114212
19024563	110409	19070058	112561	323-408	113435	DRA0112	110236
19024565	111217	29219091	111708	323-411	110221	DRA0112	114005
19024566	111217	89000853	112906	323-419	112267	DRA0113	113535
19024576	110208	92064181	111848	323-421	110221	DRA0113N	113535
19024578	110601	93186485	112416	323-422	110221	DRA0115	114112
19024654	110429	96206871	113498	323-427	110221	DRA0116	113348
19024660	110429	96208781	111123	323-480	112897	DRA0118	115415
19024678	111091	96208782	111684	323-488	112897	DRA0119	113978
19024688	112487	96208785	111848	323-489	112904	DRA0120	110899
19024706	111092	96224431	111846	323-540	110394	DRA0120	111035
19024709	112487	96224432	111708	323-677	111699	DRA0120	111180
19024713	112487	96252115	113498	323-823	112267	DRA0120	111418
19024729	112864	96252547	111846	323-824	112267	DRA0120	115873
19024730	112317	96252548	111708	323-829	110436	DRA0120	116133
19024731	112318	96252551	111846	323-830	110436	DRA0120N	111180
19024732	112318	96255115	113498	323-842	112255	DRA0120N	116133

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
DRA0124	115856	DRA0267	110176	DRA0416	114158	DRA0700	110877
DRA0130	110641	DRA0267N	110176	DRA0416X	114158	DRA0700	112310
DRA0130N	110641	DRA0272	111576	DRA0417	115855	DRA0709	115929
DRA0135	110514	DRA0273	111761	DRA0433	115788	DRA0710	110911
DRA0135	113283	DRA0274	113549	DRA0436	115748	DRA0710	110975
DRA0137	115658	DRA0278	112357	DRA0441N	114202	DRA0723	115429
DRA0138	113896	DRA0283	115412	DRA0441X	114202	DRA0726	115474
DRA0138	116158	DRA0286	114078	DRA0453	114827	DRA0729	116189
DRA0138X	113896	DRA0286	115494	DRA0456X	115617	DRA0730	112310
DRA0138X	116158	DRA0289X	114204	DRA0456X	115618	DRA0731	115787
DRA0139	115473	DRA0292X	114882	DRA0457	114757	DRA0732	115833
DRA0139N	115473	DRA0293	113862	DRA0469	115315	DRA0735	114192
DRA0140	111662	DRA0299	114025	DRA0471	116169	DRA0735N	114192
DRA0140	116131	DRA0300	110116	DRA0474	115908	DRA0740	110360
DRA0140N	111662	DRA0301	112384	DRA0476	115671	DRA0740	110913
DRA0140N	116131	DRA0303	112144	DRA0477	115753	DRA0742	115928
DRA0142	114859	DRA0303X	115707	DRA0478	113940	DRA0747N	112747
DRA0143	114841	DRA0305	112144	DRA0478	116048	DRA0750	110913
DRA0149	114210	DRA0312	115367	DRA0478X	113940	DRA0750	112098
DRA0150	112098	DRA0316	112721	DRA0478X	116048	DRA0753	115763
DRA0151	115789	DRA0316	114251	DRA0482	115919	DRA0755	115766
DRA0154	114245	DRA0319	114114	DRA0483	115730	DRA0760	110759
DRA0160	112098	DRA0319N	114114	DRA0484	114249	DRA0760	111086
DRA0161	116012	DRA0319X	114114	DRA0484X	114249	DRA0760	111289
DRA0164	110542	DRA0321	113640	DRA0494X	113284	DRA0770	110969
DRA0165	115804	DRA0322	115659	DRA0494X	115491	DRA0770	111086
DRA0167	111719	DRA0324	113634	DRA0495X	113284	DRA0770	111184
DRA0170	112098	DRA0325	112327	DRA0495X	115491	DRA0770	111289
DRA0171	115790	DRA0326	113212	DRA0520	110895	DRA0771	115927
DRA0176	116114	DRA0329	110801	DRA0521N	116042	DRA0778	116096
DRA0177	113883	DRA0331	111261	DRA0531	115661	DRA0780	110969
DRA0177N	113883	DRA0331	112261	DRA0534	115304	DRA0780	111086
DRA0178	113912	DRA0332	111261	DRA0539	115712	DRA0780	111289
DRA0178	116362	DRA0334	110801	DRA0540	111139	DRA0781	114287
DRA0179	114042	DRA0335	112360	DRA0543	115936	DRA0789	115704
DRA0179	116113	DRA0336	114043	DRA0551	115648	DRA0790	110968
DRA0179N	114042	DRA0337	114218	DRA0553	115649	DRA0790	111289
DRA0179N	116113	DRA0338	116302	DRA0555	115707	DRA0790	113574
DRA0181	112469	DRA0338X	116302	DRA0560	110891	DRA0792	115747
DRA0182	113941	DRA0340	111478	DRA0561	114881	DRA0792N	115747
DRA0183X	114803	DRA0342	114704	DRA0561N	114881	DRA0793	115654
DRA0186	113742	DRA0343	112394	DRA0562	114247	DRA0793N	115654
DRA0190	111141	DRA0344N	113768	DRA0568	114876	DRA0796	115384
DRA0191	113755	DRA0345	110540	DRA0568	116309	DRA0798	115651
DRA0192	113600	DRA0347	113856	DRA0572X	111847	DRA0800	110179
DRA0195	114111	DRA0348	115929	DRA0573	115380	DRA0800	110759
DRA0196	115907	DRA0349	113698	DRA0574	115767	DRA0800	111086
DRA0197	115858	DRA0358	115414	DRA0576	111381	DRA0802	115587
DRA0198	114102	DRA0361	115382	DRA0578	115765	DRA0806	115668
DRA0198	116068	DRA0363X	116014	DRA0579	115904	DRA0815	115602
DRA0201	114109	DRA0366	115453	DRA0591	114385	DRA0815N	115602
DRA0202	114831	DRA0367	114884	DRA0592	115923	DRA0823N	114772
DRA0205	113946	DRA0368	114806	DRA0594	115913	DRA0830	112098
DRA0208	114080	DRA0368	115874	DRA0604	114354	DRA0833	115910
DRA0209	115853	DRA0371	114749	DRA0610	110360	DRA0834	114379
DRA0211	112688	DRA0371X	114749	DRA0610	111287	DRA0840	112271
DRA0218	114088	DRA0372	115906	DRA0617	115305	DRA0841N	114880
DRA022	113921	DRA0374	113246	DRA0618	114290	DRA0841X	114880
DRA0221	113863	DRA0376	113987	DRA0620	110913	DRA0842N	114407
DRA0221N	113863	DRA0379	116066	DRA0623N	114508	DRA0845	115832
DRA0225	114857	DRA0382	112352	DRA0631	115815	DRA0846	114880
DRA0225N	114857	DRA0384	115348	DRA0635	115460	DRA0847	115454
DRA0229	114658	DRA0386	113324	DRA0637	111847	DRA0850	110077
DRA0231	113993	DRA0387	114023	DRA0637N	111847	DRA0850	111767
DRA0234	113970	DRA0389	112384	DRA0638	115863	DRA0850	111841
DRA0237	115665	DRA0392	115925	DRA0639	115795	DRA0854	114879
DRA0238	115615	DRA0393	115926	DRA0646	115935	DRA0859	116009
DRA0240	110877	DRA0396	114832	DRA0655	115796	DRA0859N	116009
DRA0245	115452	DRA0399	113489	DRA0667	114813	DRA0862	115716
DRA0246	113969	DRA0401	115411	DRA0670	110877	DRA0863	115316
DRA0247	115308	DRA0402	115800	DRA0671	115667	DRA0864	115340
DRA0248	114090	DRA0402N	115800	DRA0679	115582	DRA0864N	115340
DRA0252	114110	DRA0403X	114314	DRA0680	110877	DRA0866	116011
DRA0252N	114110	DRA0404	114664	DRA0682	113791	DRA0871	115412
DRA0253	112142	DRA0406	114079	DRA0684	113971	DRA0876	115975
DRA0254	116056	DRA0407	114518	DRA0686	114844	DRA0880	113376
DRA0262	113529	DRA0408	112492	DRA0687	115794	DRA0882	113376
DRA0263	113961	DRA0409	113991	DRA0691	115860	DRA0884N	114472
DRA0264	113763	DRA0411	113972	DRA0693	114897	DRA0887	115836
DRA0265	110175	DRA0411X	113972	DRA0696	114694	DRA0892	115983
DRA0265	110176	DRA0415	115381	DRA0698	115653	DRA0897	116030

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA0899	115910	DRA1065	115759	DRA1319	113246	DRA1542	116022
DRA0900	110972	DRA1069	115924	DRA1320	110766	DRA1590	111629
DRA0900	111168	DRA1071	116171	DRA1321	116293	DRA1600	111629
DRA0903	114779	DRA1074	116179	DRA1325	113986	DRA1671	110975
DRA0903N	114779	DRA1078N	114861	DRA1330	112736	DRA1680	110178
DRA0905N	115410	DRA1079	114078	DRA1333	114698	DRA1680	110179
DRA0908	115477	DRA1079N	114078	DRA1337	113562	DRA1680	110969
DRA0908N	115477	DRA1080	110968	DRA1338	113768	DRA1680	111184
DRA0909	114229	DRA1090	111153	DRA1338N	113768	DRA1691	110178
DRA0909N	114229	DRA1092N	114495	DRA1339	111397	DRA1691	110179
DRA0917	114728	DRA1100	110360	DRA1340	112097	DRA1691	110759
DRA0917N	114728	DRA1100	110913	DRA1340X	112097	DRA1691	111185
DRA0920	110972	DRA1106	115912	DRA1341	115617	DRA1691	111204
DRA0920	111168	DRA1110	110913	DRA1341	115618	DRA1691	113378
DRA0920	112056	DRA1112	115631	DRA1341X	115617	DRA1931	110743
DRA0921	115692	DRA1114	114845	DRA1341X	115618	DRA1932	110743
DRA0923	111168	DRA1116	114843	DRA1344	114868	DRA1981	110144
DRA0926	114146	DRA1117	114382	DRA1345	114679	DRA2061	111075
DRA0930	110972	DRA1117N	114382	DRA1347	115587	DRA2074	114665
DRA0930	111168	DRA1120	111096	DRA1347N	115587	DRA2074N	114665
DRA0931	114900	DRA1121	114834	DRA1350	111086	DRA2101	110611
DRA0933	111168	DRA1127	114726	DRA1350	111289	DRA2111	112097
DRA0940	111035	DRA1127N	114726	DRA1350	111362	DRA2121	110890
DRA0940	111148	DRA1137	114807	DRA1353	114384	DRA2241	111071
DRA0941	115764	DRA1145	115669	DRA1355	115932	DRA2301	111289
DRA0942	115714	DRA1156	115805	DRA1356	112427	DRA2341	111035
DRA0943	115824	DRA1165	115980	DRA1356	115871	DRA2341	111078
DRA0943X	115824	DRA1165N	115980	DRA1356N	112427	DRA2341N	111078
DRA0954	115437	DRA1177	115930	DRA1356N	115871	DRA2381	110137
DRA0957	115701	DRA1178	115852	DRA1357	113923	DRA2381	110138
DRA0964	115720	DRA1183	115655	DRA1357	115879	DRA2381	110258
DRA0968	115834	DRA1190	110112	DRA1360	112098	DRA2391	110138
DRA0970	110890	DRA1193	110048	DRA1372	115861	DRA2401	110137
DRA0970	111686	DRA1194	115647	DRA1373	115526	DRA2401	110138
DRA0970	115689	DRA1194X	115647	DRA1375	115583	DRA2401	110258
DRA0971	115960	DRA1195	115921	DRA1375	116183	DRA2421	110138
DRA0972	114247	DRA1197	115813	DRA1376	115916	DRA2431	110128
DRA0973	115911	DRA1208	116176	DRA1380	110178	DRA2431	110264
DRA0975	115715	DRA1209	115455	DRA1380	110968	DRA2451	110133
DRA0975N	115715	DRA1209	116321	DRA1380	111185	DRA2571	110138
DRA0976	115827	DRA1210	110911	DRA1380	111289	DRA2571	110258
DRA0976N	115827	DRA1210	113758	DRA1381	115866	DRA2581	110138
DRA0977	114826	DRA1212	115826	DRA1386	114205	DRA2591	110138
DRA0980	110890	DRA1217	116174	DRA1387	111017	DRA2601	110318
DRA0980	110912	DRA1219	115761	DRA1399	115431	DRA2611	110318
DRA0980	112719	DRA1223	115746	DRA1401	116178	DRA2621	110134
DRA0980	116331	DRA1227	112578	DRA1402	116182	DRA2641	110134
DRA0982	116110	DRA1230	110116	DRA1407	114121	DRA2641	110136
DRA0985	115529	DRA1236	115862	DRA1409	115933	DRA2651	110168
DRA0986	115459	DRA1239	114805	DRA1410	112768	DRA2651	110307
DRA0988N	115603	DRA1242N	114464	DRA1412	115959	DRA2661	110168
DRA0991N	113863	DRA1243	116153	DRA1415	115922	DRA2661	110307
DRA1000	111075	DRA1246	115695	DRA1419	116098	DRA2661	110318
DRA1002	111075	DRA1249	114766	DRA1423	115798	DRA2671	110260
DRA1003	111075	DRA1251	111834	DRA1424	115799	DRA2671	110307
DRA1004	115760	DRA1254	116138	DRA1427	114077	DRA2671	110458
DRA1004N	115760	DRA1255	115994	DRA1427N	114077	DRA2681	110168
DRA1013X	113405	DRA1260	110766	DRA1430	110358	DRA2710	112742
DRA1018	115868	DRA1262	110766	DRA1431	113886	DRA2720	111834
DRA1019	114839	DRA1270	112098	DRA1432	115811	DRA2781	110350
DRA1023	114081	DRA1272	112098	DRA1437	116007	DRA2790	111076
DRA1023	114772	DRA1274	111779	DRA1442	114383	DRA2790	112149
DRA1023N	114081	DRA1275	114201	DRA1442	116361	DRA2790	112162
DRA1027	115920	DRA1276	116214	DRA1445	115808	DRA2793	112162
DRA1030	110975	DRA1276N	116214	DRA1451	116094	DRA2800	110358
DRA1032	115576	DRA1286	115657	DRA1453	111720	DRA2930	110881
DRA1037	115461	DRA1287	114490	DRA1454	115800	DRA2940	110881
DRA1037	116061	DRA1299	113921	DRA1467	114024	DRA2960	110881
DRA1040	110911	DRA1300	111141	DRA1470	110360	DRA3013	110178
DRA1043	116180	DRA1304	115703	DRA1471	112069	DRA3013	110968
DRA1046	115586	DRA1305	113275	DRA1472	116459	DRA3013	111289
DRA1048	114847	DRA1306	114356	DRA1473	111384	DRA3013	113474
DRA1050	110178	DRA1310	110113	DRA1496	115679	DRA3015	111184
DRA1050	110759	DRA1310	110358	DRA1500	110919	DRA3015	111185
DRA1050	111289	DRA1313	113575	DRA1500	110975	DRA3015	111289
DRA1056	116292	DRA1313X	113575	DRA1501	113497	DRA3023	110675
DRA1056N	116292	DRA1314	115683	DRA1502	113506	DRA3023	110927
DRA1058	115581	DRA1315	111631	DRA1520	111653	DRA3024	110138
DRA1059	116185	DRA1316	112469	DRA1528	114390	DRA3025	110664
DRA1060	110975	DRA1318	115457	DRA1530	111653	DRA3028	110969
DRA1064	116033	DRA1318	116125	DRA1533	113849	DRA3035	110805



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
DRA3036	110805	DRA3225	110682	DRA3376N	111267	DRA3503	111579
DRA3038	110806	DRA3229	111280	DRA3377N	114081	DRA3504	111605
DRA3038	111240	DRA3234	112230	DRA3379	113832	DRA3505	114203
DRA3038N	110806	DRA3235	114026	DRA3384	112772	DRA3506	111518
DRA3049	114203	DRA3236	112230	DRA3385	112298	DRA3507	111678
DRA3055	110496	DRA3236	112292	DRA3386	110448	DRA3508	111518
DRA3055	111705	DRA3236X	112292	DRA3393	111610	DRA3509	111705
DRA3056	110628	DRA3239	112782	DRA3394	111413	DRA3517	112356
DRA3059	111428	DRA3239X	112782	DRA3396	113536	DRA3518	111483
DRA3059	111705	DRA3243	110619	DRA3397	111689	DRA3518N	111483
DRA3063	110607	DRA3245	112298	DRA3403	111409	DRA3519	110629
DRA3064	110258	DRA3250	111035	DRA3403	113942	DRA3519N	110629
DRA3064	111483	DRA3250N	111035	DRA3406	111416	DRA3526	112810
DRA3064	111613	DRA3260	111288	DRA3408	113471	DRA3527	111631
DRA3064	114203	DRA3263	111820	DRA3408N	111036	DRA3528	112557
DRA3064	114288	DRA3265	111803	DRA3413	111689	DRA3530	113611
DRA3064N	111483	DRA3266	111352	DRA3414	113537	DRA3536	112121
DRA3070	113469	DRA3267	111352	DRA3415	111505	DRA3540	110766
DRA3083	111321	DRA3268	111479	DRA3416	111416	DRA3543	112679
DRA3086	112756	DRA3269	111477	DRA3418	113471	DRA3545	111515
DRA3087	111841	DRA3269	111820	DRA3419	111148	DRA3545N	111515
DRA3089	113920	DRA3274	111176	DRA3423	112681	DRA3545X	111515
DRA3090	113611	DRA3274	111289	DRA3426	110699	DRA3546	111184
DRA3098	110664	DRA3274	111356	DRA3426	110706	DRA3546X	111184
DRA3099	110694	DRA3276	111238	DRA3427	111368	DRA3547	110968
DRA3100	111146	DRA3276N	111238	DRA3428	112325	DRA3548	111184
DRA3103	110699	DRA3278	111406	DRA3429	111176	DRA3549	111948
DRA3103	110706	DRA3279	111294	DRA3433	112718	DRA3550	111629
DRA3104	110659	DRA3279N	111294	DRA3433N	112718	DRA3553	111569
DRA3107	112769	DRA3280	110923	DRA3434	110891	DRA3554	110968
DRA3115	110927	DRA3284	111620	DRA3434	111740	DRA3556	110178
DRA3117	111578	DRA3284	111654	DRA3435	111185	DRA3556	110968
DRA3119	110965	DRA3286	111738	DRA3435	111204	DRA3558	111629
DRA3119	110967	DRA3286	112238	DRA3435	113378	DRA3558	112343
DRA3119	111279	DRA3287	112238	DRA3436	111285	DRA3559	110969
DRA3124	110567	DRA3289	111363	DRA3437	111609	DRA3563	111184
DRA3124N	110567	DRA3293	111366	DRA3438	111309	DRA3564	111086
DRA3127	110445	DRA3294	110770	DRA3438	111309	DRA3564	111086
DRA3128	111215	DRA3294	110968	DRA3439	111405	DRA3567	111364
DRA3129	112769	DRA3294	111355	DRA3439N	111405	DRA3575	110179
DRA3135	111319	DRA3294	111355	DRA3443	111042	DRA3575	110969
DRA3137	111319	DRA3294	112238	DRA3445	113632	DRA3576	110482
DRA3140	111149	DRA3294	112722	DRA3445	113632	DRA3576	110482
DRA3143	110659	DRA3296	111186	DRA3449	110564	DRA3579	111225
DRA3144	111309	DRA3296	111186	DRA3453	110620	DRA3583	111756
DRA3145	110802	DRA3296N	111186	DRA3454	112191	DRA3586	112939
DRA3145	110802	DRA3304	111435	DRA3454	112191	DRA3586	112939
DRA3145	110802	DRA3304	111435	DRA3455	111409	DRA3587	112021
DRA3145N	110802	DRA3305	110679	DRA3455	113939	DRA3588	110891
DRA3146	110802	DRA3306	111342	DRA3457	110891	DRA3589	111846
DRA3153	110697	DRA3310	110968	DRA3457	110891	DRA3589N	111846
DRA3154	110679	DRA3310	111289	DRA3458	110970	DRA3593	111708
DRA3156	110679	DRA3314	110811	DRA3458	111948	DRA3593N	111708
DRA3157	110675	DRA3314N	110811	DRA3459	110107	DRA3593N	111708
DRA3157	111428	DRA3316	111240	DRA3461	110137	DRA3608	111295
DRA3160	112729	DRA3316N	111240	DRA3461	110138	DRA3620	112288
DRA3167	111342	DRA3320	110105	DRA3461	110258	DRA3623	111397
DRA3169	111317	DRA3320N	110105	DRA3461	110374	DRA3625	112467
DRA3173	111315	DRA3330	110766	DRA3463	111948	DRA3625N	112467
DRA3176	111237	DRA3334	111614	DRA3464	110770	DRA3627	111723
DRA3178	113519	DRA3334N	111614	DRA3464	110770	DRA3636	113498
DRA3180	110919	DRA3336	111279	DRA3465	111375	DRA3636N	113498
DRA3185	110804	DRA3337	110967	DRA3465N	111375	DRA3637	111846
DRA3189	111344	DRA3339	111435	DRA3466	113832	DRA3637	111846
DRA3189	112210	DRA3345	111613	DRA3469	111872	DRA3637	113349
DRA3194	111339	DRA3347	112800	DRA3471	111872	DRA3637	113498
DRA3194N	111339	DRA3348	111437	DRA3471	110168	DRA3637N	113498
DRA3195	110631	DRA3350	110913	DRA3471	110267	DRA3638	113350
DRA3199	111361	DRA3353	111411	DRA3471	110307	DRA3638N	113350
DRA3203	111264	DRA3355	111418	DRA3471	110703	DRA3644	115476
DRA3206	110707	DRA3355	115873	DRA3473	111626	DRA3646	111802
DRA3208	110700	DRA3355X	111418	DRA3473	111956	DRA3648	111795
DRA3208	111316	DRA3358	112679	DRA3473N	111956	DRA3649	112143
DRA3208N	110700	DRA3358	112679	DRA3474	111594	DRA3653	112142
DRA3209	111747	DRA3368	110607	DRA3474	112128	DRA3654	110968
DRA3209N	111747	DRA3369	111623	DRA3474N	112128	DRA3654	111204
DRA3215	110701	DRA3369	115890	DRA3476	110307	DRA3655	111797
DRA3215N	110701	DRA3369X	111623	DRA3477	110307	DRA3655N	111797
DRA3216	112093	DRA3369X	115890	DRA3477	112207	DRA3663	111767
DRA3216N	112093	DRA3374	112151	DRA3478	112329	DRA3664	112406
DRA3217	110385	DRA3374N	112151	DRA3478	111426	DRA3667	112722
DRA3220	111289	DRA3375	111587	DRA3479	111426	DRA3673	111788
		DRA3375N	111587	DRA3479N	111426	DRA3677	113763
		DRA3376	111267	DRA3483	112228	DRA3679	112021
				DRA3483N	112228	DRA3683	111384
				DRA3494	110622	DRA3686	112194
				DRA3498	111517		

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRA3695	112129	DRA3848	111929	DRA4077	112654	DRA4220	111094
DRA3696	111806	DRA3848N	111929	DRA4077X	112654	DRA4220	112149
DRA3697	111704	DRA3849	111493	DRA4078	113599	DRA4223	112334
DRA3698	111812	DRA3860	111086	DRA4079	112349	DRA4226	112128
DRA3698N	111812	DRA3860	111364	DRA4083	113035	DRA4227	111594
DRA3703	111514	DRA3863	113785	DRA4087	111384	DRA4228	113956
DRA3703N	111514	DRA3864	112067	DRA4088	113251	DRA4228N	113956
DRA3704	111514	DRA3865	111943	DRA4088N	113251	DRA4228X	113956
DRA3704N	111514	DRA3866	111883	DRA4089	112425	DRA4230	112149
DRA3706	112058	DRA3868	112065	DRA4093	112327	DRA4233	114120
DRA3707	113603	DRA3869	112205	DRA4094	112328	DRA4234	113786
DRA3708	110931	DRA3874	112210	DRA4095	113383	DRA4236	113922
DRA3714	113577	DRA3875	111626	DRA4097	113787	DRA4237	113710
DRA3714X	113577	DRA3875N	111626	DRA4098	112359	DRA4237	116124
DRA3717	112059	DRA3875X	111626	DRA4099	112457	DRA4237N	113710
DRA3719	111718	DRA3880	110882	DRA4105	113296	DRA4237N	116124
DRA3720	111093	DRA3880	112768	DRA4107	115660	DRA4238	113710
DRA3720	111149	DRA3887	112069	DRA4108	112101	DRA4238	116124
DRA3723	112199	DRA3888	112068	DRA4113	112199	DRA4238N	113710
DRA3723X	112199	DRA3890	110912	DRA4114	113640	DRA4238N	116124
DRA3727	112679	DRA3890	112719	DRA4116	113888	DRA4239	113849
DRA3729	111722	DRA3890	112768	DRA4119	113486	DRA4239	116294
DRA3735	111937	DRA3890	116331	DRA4128	113640	DRA4240	112735
DRA3736	112165	DRA3895	111264	DRA4134N	113791	DRA4243	113720
DRA3736N	112165	DRA3897	110707	DRA4137	113349	DRA4243	116064
DRA3736X	112165	DRA3903	112416	DRA4137N	113349	DRA4244	113722
DRA3738	111598	DRA3903N	112416	DRA4139	111342	DRA4244	115963
DRA3739	111507	DRA3904	112720	DRA4143	113708	DRA4246	114129
DRA3740	110923	DRA3904N	112720	DRA4143N	113708	DRA4247	113912
DRA3740	111093	DRA3905	112272	DRA4144	113709	DRA4247	116362
DRA3745	111601	DRA3905N	112272	DRA4144N	113709	DRA4247N	113912
DRA3745N	111601	DRA3906	113575	DRA4146	113771	DRA4247N	116362
DRA3746	111484	DRA3906N	113575	DRA4146N	113771	DRA4248	114128
DRA3748	111596	DRA3907	112469	DRA4148	114673	DRA4249	113721
DRA3749	111538	DRA3907N	112469	DRA4149	113248	DRA4253	113720
DRA3753	112557	DRA3914	113403	DRA4153	112387	DRA4253	116064
DRA3754	112144	DRA3915	112470	DRA4155	113836	DRA4256	115937
DRA3755	113405	DRA3917	111722	DRA4156	113510	DRA4258	115543
DRA3756	112203	DRA3918	112471	DRA4157	112428	DRA4258N	115543
DRA3757	112202	DRA3923	112144	DRA4163	116173	DRA4260	111141
DRA3759	114386	DRA3924	112414	DRA4164	113947	DRA4263X	114204
DRA3764	111498	DRA3926	111779	DRA4166	112428	DRA4264	113904
DRA3766	111568	DRA3927	111950	DRA4166	115673	DRA4265	113955
DRA3768	113336	DRA3928	111779	DRA4166N	112428	DRA4266	113881
DRA3768	113943	DRA3929	112332	DRA4166N	115673	DRA4268	113330
DRA3777	111176	DRA3940	113574	DRA4173	112333	DRA4270	110906
DRA3778	111176	DRA3944	113440	DRA4173N	112333	DRA4273	114130
DRA3779	111967	DRA3946	113317	DRA4173X	112333	DRA4273	116069
DRA3779X	111967	DRA3947	113697	DRA4174	113328	DRA4275	114115
DRA3783	111719	DRA3947X	113697	DRA4174N	113328	DRA4275	116366
DRA3789	111831	DRA3948	113317	DRA4175	113519	DRA4277	115865
DRA3789N	111831	DRA3949	112648	DRA4176	113519	DRA4278	114214
DRA3794	112271	DRA3953	113404	DRA4177	113517	DRA4283	114215
DRA3794N	112271	DRA3966	113758	DRA4178	113657	DRA4284	114010
DRA3806N	113887	DRA3993	110622	DRA4180	110107	DRA4285	113956
DRA3807	112413	DRA3994	110891	DRA4186	113245	DRA4289	114877
DRA3808	113407	DRA4020	112734	DRA4187	113253	DRA4291	110136
DRA3808X	113407	DRA4027	112151	DRA4188	113253	DRA4311	110138
DRA3809	112462	DRA4027X	112151	DRA4194	112471	DRA4311	112270
DRA3815	112648	DRA4033	112472	DRA4194X	112471	DRA4341	110563
DRA3816	113404	DRA4034	115864	DRA4195	113503	DRA4350	112784
DRA3816N	113404	DRA4035	113772	DRA4196	112363	DRA4370	111658
DRA3816X	113404	DRA4035N	113772	DRA4197	113948	DRA4370	112345
DRA3820	110116	DRA4036	111720	DRA4199	112506	DRA4391	110348
DRA3823	112461	DRA4037	111409	DRA4200	111289	DRA4400	110895
DRA3824	114114	DRA4039	112458	DRA4203	113331	DRA4400N	110895
DRA3824N	114114	DRA4040	110911	DRA4203N	113331	DRA4420	111419
DRA3830	110770	DRA4040	111653	DRA4204	112334	DRA4420	111987
DRA3830	111289	DRA4043	113246	DRA4206	113536	DRA4430	112747
DRA3830	111356	DRA4043X	113246	DRA4206X	113336	DRA4430N	112747
DRA3830	111364	DRA4045	113246	DRA4206X	113943	DRA4450	111164
DRA3830	111366	DRA4046	112059	DRA4207	113939	DRA4460	111169
DRA3834	111293	DRA4048	115711	DRA4208	113245	DRA4460	112056
DRA3835	113952	DRA4053	111820	DRA4209	110107	DRA4463	111169
DRA3836	112718	DRA4056	111873	DRA4209	111948	DRA4463	112056
DRA3837	111740	DRA4058	111947	DRA4213	113949	DRA4463	112229
DRA3840	111528	DRA4065	112468	DRA4213N	113949	DRA4470	110891
DRA3841	111658	DRA4067	113406	DRA4214	113755	DRA4480	111148
DRA3841	113477	DRA4068	113751	DRA4217	112772	DRA4490	111154
DRA3846	113518	DRA4070	112288	DRA4218	112299	DRA4500	111094
DRA3846N	113518	DRA4075	113336	DRA4219	112772	DRA4520	111288



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
DRA4550	111287	DRA6790	112765	DRA9510	113447	DRB1500	115482
DRA4560	111287	DRA6800	113632	DRA9520	111988	DRB1500N	111989
DRA4570	112149	DRA6800N	113632	DRA9530	111842	DRB1500N	115482
DRA4580	112735	DRA6810	111354	DRA9690	113758	DRB1510	112075
DRA4590	110877	DRA6820	111354	DRA9711	110968	DRB1510N	112075
DRA4600	111842	DRA6820	112529	DRA9760	111893	DRB1530	112197
DRA4610	112343	DRA6820	116129	DRA9780	111318	DRB1550	113489
DRA4620	110358	DRA6920	111146	DRA9790	112561	DRB1590	112197
DRA4640	111148	DRA6930	110360	DRA9800	112098	DRB1640	111833
DRA4660	112056	DRA6941	113500	DRA9810	113531	DRB1640	116063
DRA4662	112056	DRA6961	110622	DRA9810N	113531	DRB1650	111850
DRA4700	112746	DRA7112	110891	DRA9831	113868	DRB1730	112072
DRA4710	112746	DRA7221	110163	DRA9870	112693	DRB1750	112426
DRA4740	111082	DRA7231	110163	DRA9881	111623	DRB1750N	112426
DRA4740	112728	DRA7241	111331	DRA9881	111742	DRB1750X	112426
DRA4831	111841	DRA7271	110620	DRA9881	115890	DRB1760	112428
DRA4832	112754	DRA7271	111048	DRA9891	112698	DRB1760N	112428
DRA4832X	112754	DRA7311	113500	DRA9941	112703	DRB1840	112046
DRA4861	110889	DRA7321	111325	DRB0004	114036	DRB1840N	112046
DRA4861X	110889	DRA7321	112756	DRB0004	116116	DRB1860	112002
DRA4910	111629	DRA7321X	111325	DRB0004	116117	DRB1870	112397
DRA4940	113611	DRA7340	112194	DRB0004	116118	DRB1870N	112397
DRA4990	111154	DRA7380	112194	DRB0004N	114036	DRB1890	113754
DRA5020	112453	DRA7410	110895	DRB0004N	116116	DRB1910	112273
DRA5061	110137	DRA7410N	110895	DRB0004N	116117	DRB1920	112274
DRA5061	110258	DRA7420	111629	DRB0004N	116118	DRB1920N	112274
DRA5161	110134	DRA7440	113920	DRB0005	115845	DRB1930	112460
DRA5161	110168	DRA7440N	113920	DRB0005N	115845	DRB1930N	112460
DRA5211	110318	DRA7450	110105	DRB0005X	115845	DRB1930X	112460
DRA5331	110631	DRA7450	113632	DRB0170	113442	DRB1940	112097
DRA5331	110632	DRA7760	112803	DRB0180	111890	DRB1960	112407
DRA5411	110264	DRA7770	112159	DRB0201	112287	DRB1960X	112407
DRA5411	112270	DRA7890	110881	DRB0201N	112287	DRB1980	112406
DRA5431	110267	DRA7990	112194	DRB0211	112688	DRB1990	116343
DRA5431	110703	DRA8080	111154	DRB0211N	112688	DRB2000	112190
DRA5501	111435	DRA8100	112729	DRB0221	111318	DRB2000X	112190
DRA5501	111705	DRA8160	111369	DRB0221N	111318	DRB2041	112057
DRA5501N	111705	DRA8170	112529	DRB0231	111532	DRB2091	112480
DRA5630	111686	DRA8170	116129	DRB0231N	111532	DRB2350	112189
DRA5641	111036	DRA8180	112806	DRB0260	112561	DRB2360N	113351
DRA5641N	111036	DRA8260	112530	DRB0280	111843	DRB2360X	113351
DRA5641X	111036	DRA8281	110631	DRB0280N	111843	DRB2370	113351
DRA5720	112780	DRA8290	111833	DRB0290	111888	DRB2370X	113351
DRA5760	110882	DRA8290	116063	DRB0290N	111888	DRB2380	113351
DRA5760	111418	DRA8390	111353	DRB0300	115652	DRB2390	113351
DRA5760	115873	DRA8390X	111353	DRB0330	111899	DRB2390N	113351
DRA5910	113470	DRA8600	111732	DRB0340	111478	DRB2390X	113351
DRA5910N	113470	DRA8600	112229	DRB0350	113770	DRB2400	113351
DRA6010	110770	DRA8600N	112229	DRB0360	111898	DRB2400N	113351
DRA6010	111289	DRA8610	111676	DRB0360	111988	DRB2410	113351
DRA6010	111362	DRA8610	113885	DRB0370	112557	DRB2410N	113351
DRA6020	111289	DRA8630	112557	DRB0380	111946	DRB2460	115844
DRA6041	111176	DRA8791	112299	DRB0390	111873	DRB2470	112414
DRA6060	111356	DRA8791	112772	DRB0850	111980	DRB2520	113889
DRA6060	111364	DRA8791N	112299	DRB0940	111820	DRB2530	113889
DRA6110	111289	DRA8841	111803	DRB0950	111884	DRB2530	115485
DRA6150	111293	DRA8910	111850	DRB0960	111468	DRB2540	112535
DRA6215	112056	DRA8930	112086	DRB1030	113448	DRB2550	113300
DRA6230	112768	DRA8930N	112086	DRB1060	112196	DRB2570	113302
DRA6240	112076	DRA8950	111991	DRB1060	115987	DRB2570	113835
DRA6250	112056	DRA8990	112680	DRB1080	112413	DRB2580	113295
DRA6251	112056	DRA9030	112709	DRB1090	112159	DRB2590	113289
DRA6263	111288	DRA9080	113885	DRB1120	111883	DRB2590N	113289
DRA6280	112757	DRA9090	111988	DRB1150	112078	DRB2600	112075
DRA6301	110675	DRA9100	112687	DRB1170	111468	DRB2600N	112075
DRA6301	111428	DRA9130	111987	DRB1190	112413	DRB2600X	112075
DRA6360	112734	DRA9150	112810	DRB1210	111902	DRB2640	112419
DRA6480	112162	DRA9170	112557	DRB1230	112043	DRB2650	113285
DRA6501	110385	DRA9210	111991	DRB1240	111824	DRB2650N	113285
DRA6510	111287	DRA9240	111426	DRB1250	113879	DRB2660	113296
DRA6561	111368	DRA9240	111732	DRB1260	111990	DRB2670	113280
DRA6631	111623	DRA9250	111514	DRB1260	112416	DRB2680	112418
DRA6631	115890	DRA9260	111746	DRB1290	112193	DRB2720	112144
DRA6641	110374	DRA9300	113485	DRB1300	111828	DRB2750X	111514
DRA6641	110620	DRA9340	112076	DRB1320	111902	DRB2780X	113942
DRA6651	111035	DRA9370	111902	DRB1401	113604	DRB2790	113298
DRA6660	112750	DRA9450	112799	DRB1451	111788	DRB2810	113275
DRA6690	111293	DRA9490	111886	DRB1480	113340	DRB2810X	113275
DRA6750	111620	DRA9490X	111886	DRB1490	112079	DRB2840	113272
DRA6750	111654	DRA9501	111687	DRB1490	114789	DRB3041	111517
DRA6750	111686	DRA9501N	111687	DRB1500	111989	DRB3130	112196

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRB3130	115987	DRB6560	115491	DRS0072	115643	DRS0194	113132
DRB3130N	112196	DRB6570	115617	DRS0073	114240	DRS0196	113194
DRB3130N	115987	DRB6570	115618	DRS0075	115942	DRS0197	113203
DRB3650	113889	DRB6570N	115617	DRS0077	114169	DRS0199	114299
DRB3660	112197	DRB6570N	115618	DRS0079	114108	DRS0200	110793
DRB3690	116170	DRB6610	115318	DRS0091	113638	DRS0200	111066
DRB3890	113448	DRB7140	115678	DRS0093	114161	DRS0201	111005
DRB3900	112197	DRB7150	115905	DRS0094	114283	DRS0202	112177
DRB3900N	112197	DRB7160	111842	DRS0095	113977	DRS0205	112649
DRB3910	112425	DRB7200	115837	DRS0098	114477	DRS0207	115325
DRB3910N	112425	DRB7220	114200	DRS0099	113931	DRS0208	115697
DRB4010	113352	DRB7340X	115846	DRS0099N	113931	DRS0210	113860
DRB4020	113352	DRB7380	114312	DRS0100	113851	DRS0211	114274
DRB4030	112415	DRB7380X	114312	DRS0100	115885	DRS0213	114279
DRB4060	112424	DRB7410	114036	DRS0101	116040	DRS0214	111694
DRB4210	111824	DRB7410	116116	DRS0103	113960	DRS0215	115398
DRB4210X	111824	DRB7460	114663	DRS0104	113727	DRS0216	114849
DRB4300	112399	DRB7470	115709	DRS0105	111273	DRS0217	115770
DRB4310	113283	DRB7490	115383	DRS0106	116112	DRS0218	113618
DRB4320	113882	DRB7500	115708	DRS0109X	113830	DRS0219	114851
DRB4460	113252	DRB7500	116352	DRS0109X	115884	DRS0222	115336
DRB4460X	113252	DRB7530	113835	DRS0111	115974	DRS0223	115563
DRB4540	116017	DRB7560	114836	DRS0112	115947	DRS0224	114776
DRB4850	112396	DRB7670	115532	DRS0113	114074	DRS0226	114746
DRB5160	113188	DRB7790	116100	DRS0116	112367	DRS0229	113984
DRB5160	115484	DRB7810	115909	DRS0119	114237	DRS0233	115698
DRB5170N	113923	DRB7870	110895	DRS0122	113964	DRS0234	113931
DRB5170N	115879	DRB7910	113958	DRS0123	114029	DRS0234X	113931
DRB5170X	113923	DRB7910X	113958	DRS0123X	114029	DRS0237	115968
DRB5170X	115879	DRB8040	114768	DRS0124	113672	DRS0238	114482
DRB5280	113351	DRB8240	115846	DRS0124	115881	DRS0242	113959
DRB5290	113351	DRB8380	114898	DRS0125	114193	DRS0244	114775
DRB5290	115557	DRB8380N	114898	DRS0125	115877	DRS0244	115502
DRB5290N	113351	DRB9030	114463	DRS0125N	114193	DRS0247	115361
DRB5290N	115557	DRB9320	114089	DRS0125N	115877	DRS0247N	115361
DRB5300	113874	DRB9320	115495	DRS0130	114820	DRS0248	115616
DRB5330	115621	DRB9320X	114089	DRS0130N	114820	DRS0259	110436
DRB5340	113992	DRS0008	111087	DRS0134	113797	DRS0260	111068
DRB5360	113884	DRS0013	114053	DRS0134N	113797	DRS0261	111068
DRB5370	113913	DRS0015	113906	DRS0136	113797	DRS0266	113982
DRB5370N	113913	DRS0015N	113906	DRS0137	115725	DRS0267	114002
DRB5380	113877	DRS0022	115556	DRS0141	114159	DRS0269	115357
DRB5380X	113877	DRS0022	115886	DRS0141N	114159	DRS0271	113532
DRB5420	113274	DRS0022X	115556	DRS0142	114526	DRS0272	115389
DRB5691	113788	DRS0022X	115886	DRS0145	115569	DRS0275	112496
DRB5801	113322	DRS0024	110813	DRS0152	113478	DRS0277	114852
DRB5821	115791	DRS0025	110522	DRS0153	114307	DRS0278	111398
DRB5821X	115791	DRS0026N	114021	DRS0156	115405	DRS0282N	112822
DRB5891	112063	DRS0027	114196	DRS0156N	115405	DRS0282N	115880
DRB5990	112343	DRS0028	114196	DRS0157	113906	DRS0288	114216
DRB6000	112529	DRS0030	111127	DRS0157N	113906	DRS0293	115638
DRB6000	116129	DRS0032	115641	DRS0159	111906	DRS0300	111131
DRB6030	112062	DRS0032N	115641	DRS0159N	111906	DRS0302	115998
DRB6040	112427	DRS0035	114837	DRS0160	113910	DRS0309	115399
DRB6040	115871	DRS0037	113937	DRS0160N	113910	DRS0310	110367
DRB6040N	112427	DRS0037X	113937	DRS0161	113911	DRS0310	110585
DRB6040N	115871	DRS0048	113702	DRS0161	116157	DRS0310	111251
DRB6060	113279	DRS0049N	114047	DRS0161N	113911	DRS0310	115442
DRB6060X	113279	DRS0051	112053	DRS0161N	116157	DRS0311	115400
DRB6090	113536	DRS0053	114171	DRS0162	110942	DRS0313	115997
DRB6150	115619	DRS0054	113756	DRS0163	110485	DRS0319X	114310
DRB6170	115677	DRS0054	116303	DRS0164	113466	DRS0319X	115888
DRB6190	113273	DRS0054N	113756	DRS0165	113980	DRS0335	115323
DRB6200	114257	DRS0054N	116303	DRS0166	112055	DRS0360	110858
DRB6210	114765	DRS0055	115642	DRS0167	111638	DRS0364	115941
DRB6220	113858	DRS0056	114523	DRS0171	112507	DRS0365	114050
DRB6220	115976	DRS0056N	114523	DRS0172	116045	DRS0372	115946
DRB6230	114656	DRS0056N	115514	DRS0175	115328	DRS0374	115938
DRB6230X	114656	DRS0057	111982	DRS0178	115394	DRS0389	115943
DRB6250	114122	DRS0061	114001	DRS0181	115635	DRS0390	111131
DRB6260	113837	DRS0061N	114001	DRS0182	115948	DRS0390	111750
DRB6270	113871	DRS0062N	114376	DRS0183	110485	DRS0392	114323
DRB6270	115867	DRS0062N	115513	DRS0183	114400	DRS0392	115889
DRB6320	113951	DRS0063	113719	DRS0185	112441	DRS0394	115567
DRB6320X	113951	DRS0063	115869	DRS0185	115505	DRS0400	110336
DRB6330	113953	DRS0063N	113719	DRS0186	114057	DRS0400	111131
DRB6340	113944	DRS0063N	115869	DRS0188	115394	DRS0402	115627
DRB6440	114131	DRS0065	112373	DRS0189	115559	DRS0403	115538
DRB6440X	114131	DRS0067	115609	DRS0189	116054	DRS0405	115636
DRB6520	115835	DRS0068	114123	DRS0192	115825	DRS0406	115337
DRB6560	113284	DRS0071	113796	DRS0193	112382	DRS0408	115599



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
DRS0415	115402	DRS0751	116316	DRS1060	110520	DRS1871	110338
DRS0421	115573	DRS0767	115539	DRS1060	110536	DRS1871	110365
DRS0445	114742	DRS0767	116156	DRS1060	110615	DRS1891	110365
DRS0446	115588	DRS0770	113705	DRS1060	110814	DRS1891	111585
DRS0448	115611	DRS0776	114838	DRS1060	111737	DRS1910	110352
DRS0456	115733	DRS0783	115717	DRS1060	116139	DRS1951	110521
DRS0460	110865	DRS0787	114833	DRS1060	116312	DRS1981	110421
DRS0461	115900	DRS0796	115964	DRS1063	111693	DRS2021	110152
DRS0462	115401	DRS0798	111451	DRS1063X	111693	DRS2021	110154
DRS0463	115523	DRS0800	111010	DRS1070	110847	DRS2031	110152
DRS0464	115637	DRS0801	115645	DRS1090	111112	DRS2061	110152
DRS0470	111061	DRS0802	115696	DRS1095	116378	DRS2061	110154
DRS0473	114661	DRS0809	115359	DRS1130	111752	DRS2071	110277
DRS0478	114764	DRS0813	114821	DRS1140	110536	DRS2091	110144
DRS0479	114875	DRS0820	110368	DRS1140	112660	DRS2101	110277
DRS0481	115570	DRS0827	115571	DRS1140	116139	DRS2111	110256
DRS0482	114183	DRS0829	115818	DRS1140	116312	DRS2171	110157
DRS0483	115639	DRS0832	115561	DRS1143	116139	DRS2171	110158
DRS0521	115613	DRS0837	115524	DRS1143	116312	DRS2171	110315
DRS0523	115574	DRS0839	115945	DRS1150	110368	DRS2172	110315
DRS0525	115745	DRS0841	115944	DRS1150	110439	DRS2172	110479
DRS0526	115338	DRS0842	115646	DRS1160	110517	DRS2172	110958
DRS0530	110363	DRS0851	115840	DRS1160X	110517	DRS2231	110142
DRS0531	115360	DRS0856	115986	DRS1180	113467	DRS2231	110277
DRS0538	115593	DRS0872	115444	DRS1190	112249	DRS2251	110152
DRS0538	115887	DRS0875	115524	DRS1200	110536	DRS2251	110154
DRS0538X	115593	DRS0876	113169	DRS1200	116139	DRS2271	110149
DRS0538X	115887	DRS0879	115598	DRS1200	116312	DRS2271	111310
DRS0539X	114872	DRS0882	115376	DRS1210	111332	DRS2291	110279
DRS0539X	115875	DRS0886	111451	DRS1220	110519	DRS2301	110158
DRS0541	114086	DRS0887	115822	DRS1220	110529	DRS2301	110315
DRS0541	115896	DRS0890	110862	DRS1220	110640	DRS2301	110479
DRS0542	115439	DRS0892	115610	DRS1240	110525	DRS2301N	110315
DRS0542	115876	DRS0893	115361	DRS1240	113482	DRS2320	111010
DRS0543	115440	DRS0895	114893	DRS1270	110523	DRS2340	110587
DRS0545	114818	DRS0896	113995	DRS1270	113464	DRS2343	111130
DRS0555	116083	DRS0902	115558	DRS1280	110527	DRS2360	110865
DRS0562	115949	DRS0904	111047	DRS1280	112132	DRS2380	111065
DRS0564	115634	DRS0907	114032	DRS1290	111640	DRS2380	111851
DRS0565	115610	DRS0912	114474	DRS1290N	111640	DRS2380	112440
DRS0566	114690	DRS0913	115828	DRS1310	110517	DRS2420	111755
DRS0570	110864	DRS0914	110394	DRS1310	110521	DRS2460	114181
DRS0585	114738	DRS0919	114443	DRS1321	110521	DRS2470	110465
DRS0590	112541	DRS0920	110996	DRS1330	110518	DRS2480	110212
DRS0610	110772	DRS0920	111060	DRS1330	110520	DRS2590	111059
DRS0611	115395	DRS0921	115732	DRS1330X	110518	DRS2590	111748
DRS0614	115727	DRS0922	114741	DRS1351	110520	DRS2600	111059
DRS0616	115626	DRS0930	110839	DRS1360	110524	DRS2620	112533
DRS0618	115758	DRS0932	116082	DRS1370N	112132	DRS2620	113446
DRS0621	115446	DRS0934	116093	DRS1380	111637	DRS2623	112533
DRS0625	114341	DRS0934N	116093	DRS1400	110537	DRS2670	110529
DRS0628	114305	DRS0935	115624	DRS1410	110512	DRS2670	110640
DRS0638	115728	DRS0939	115999	DRS1420	110512	DRS2670	110813
DRS0642	114871	DRS0940	111069	DRS1430	110214	DRS2670	113381
DRS0648	115729	DRS0942	115773	DRS1440	110531	DRS2680	112135
DRS0650	110160	DRS0944	115733	DRS1440	111219	DRS2690	110368
DRS0650	111054	DRS0945	115962	DRS1450	110205	DRS2700	113464
DRS0650	111489	DRS0950	110461	DRS1450	110207	DRS2710	110530
DRS0651	115426	DRS0950	112251	DRS1450	110932	DRS2720	110522
DRS0653	114761	DRS0950	113380	DRS1460	110534	DRS2730	110535
DRS0654	115977	DRS0950N	110461	DRS1470	110209	DRS2740	110208
DRS0656	116024	DRS0959	115468	DRS1490	110206	DRS2780	111047
DRS0664	115769	DRS0960	110536	DRS1490	110210	DRS2831	110182
DRS0674	114886	DRS0960	113465	DRS1510	110210	DRS2851	110411
DRS0686	115562	DRS0960	116139	DRS1520	110205	DRS2871	110158
DRS0689	115330	DRS0970	113466	DRS1520	110209	DRS2871	110315
DRS0692	115829	DRS0980	110520	DRS1530	110537	DRS2872	110315
DRS0696	115779	DRS0980	114047	DRS1540	110537	DRS2872	110479
DRS0703	113481	DRS0984	116026	DRS1550	110512	DRS2881	110421
DRS0704	116085	DRS0986	116087	DRS1550	110601	DRS2881	111475
DRS0710	110336	DRS0990	110536	DRS1570	110206	DRS2901	111451
DRS0710	110831	DRS0990	116139	DRS1580	110533	DRS2911	110278
DRS0711	115448	DRS0990	116312	DRS1611	111102	DRS2921	111728
DRS0716	115741	DRS1000	110775	DRS1651	110367	DRS2931	110155
DRS0718	111475	DRS1002	116001	DRS1671	110856	DRS2931	110256
DRS0719	114275	DRS1020	111332	DRS1691	111068	DRS2932	110256
DRS0728	116002	DRS1028	116283	DRS1731	111100	DRS2932	111452
DRS0729	115734	DRS1035	116065	DRS1741	110367	DRS2933	110156
DRS0736	115403	DRS1040	111004	DRS1771	111063	DRS2940	116040
DRS0739	115686	DRS1050	110368	DRS1831	110367	DRS2950	110524
DRS0741	115685	DRS1057	116050	DRS1831	110866	DRS2970	110531

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS2990	110530	DRS3178	111455	DRS3314	113430	DRS3516	111097
DRS3010	111347	DRS3179	111455	DRS3320	110539	DRS3518	111760
DRS3018	110708	DRS3183	110811	DRS3324	111003	DRS3535	112251
DRS3018	111387	DRS3189	111136	DRS3325	110530	DRS3535N	112251
DRS3018	112336	DRS3196	110462	DRS3325	111284	DRS3545	110584
DRS3018N	111387	DRS3196	111131	DRS3326	111001	DRS3545	111994
DRS3019	110708	DRS3196	111750	DRS3327	111098	DRS3545	116306
DRS3023	110397	DRS3196	116137	DRS3333	110462	DRS3547	111525
DRS3025	110709	DRS3197	110462	DRS3333	110565	DRS3549	111684
DRS3030	112174	DRS3197	113380	DRS3333	116137	DRS3551	110280
DRS3036	110809	DRS3197	116137	DRS3334	110566	DRS3554	111123
DRS3036	111461	DRS3198	111865	DRS3336	110443	DRS3555	112382
DRS3036	111476	DRS3198N	111865	DRS3336	111461	DRS3557	112026
DRS3036N	110809	DRS3199	111865	DRS3337	112136	DRS3558	111485
DRS3038	110386	DRS3200	112295	DRS3339	111461	DRS3561	110154
DRS3038	110573	DRS3202	112295	DRS3343	111476	DRS3561	110396
DRS3038	110719	DRS3205	113346	DRS3343	111565	DRS3561	110444
DRS3043	111310	DRS3207	111608	DRS3343N	111476	DRS3564	111131
DRS3045	110394	DRS3208	110581	DRS3344	111565	DRS3565	111131
DRS3046	110811	DRS3213	114851	DRS3345	111108	DRS3567	112235
DRS3050	111060	DRS3214	112214	DRS3348	111728	DRS3568	111374
DRS3052	111544	DRS3216	111274	DRS3350	111069	DRS3576	111442
DRS3057	111451	DRS3217	110580	DRS3353	111459	DRS3576	112214
DRS3058	110713	DRS3218	110412	DRS3355	110142	DRS3577	111307
DRS3065	111102	DRS3219	110723	DRS3357	111312	DRS3579	110808
DRS3068	111103	DRS3220	111030	DRS3360	111131	DRS3585	111685
DRS3075	112541	DRS3223	111559	DRS3360	111269	DRS3587X	114035
DRS3076	111063	DRS3223	112083	DRS3363	110415	DRS3589	114123
DRS3078	111115	DRS3224	110421	DRS3364	110616	DRS3593	110441
DRS3080	110839	DRS3225	110245	DRS3365	110617	DRS3595	113038
DRS3084	110354	DRS3226	110720	DRS3366	111097	DRS3595	113040
DRS3084	112439	DRS3228	110940	DRS3369	111214	DRS3598	110947
DRS3086	110249	DRS3229	110447	DRS3375	111385	DRS3600	111489
DRS3088	110576	DRS3233	110356	DRS3376	110820	DRS3603	111382
DRS3088N	110576	DRS3235	113668	DRS3379	113665	DRS3608	111303
DRS3090	110867	DRS3237	111558	DRS3384	111455	DRS3610	110847
DRS3090	112290	DRS3240	111070	DRS3389	110411	DRS3610N	110847
DRS3093	110157	DRS3243	110256	DRS3394	111534	DRS3615	115407
DRS3098	110402	DRS3243	111452	DRS3394N	111534	DRS3616	112083
DRS3098	111385	DRS3245	111683	DRS3396	110438	DRS3617	114460
DRS3100	110844	DRS3247	110485	DRS3399	110831	DRS3618	111070
DRS3104	112124	DRS3247	113924	DRS3404	110831	DRS3620	110522
DRS3106	112295	DRS3248	111023	DRS3405	110640	DRS3623	111251
DRS3107	111251	DRS3253	111564	DRS3405	113381	DRS3623X	111251
DRS3108	110584	DRS3254	110396	DRS3406	111030	DRS3624	112218
DRS3108	116306	DRS3257	110490	DRS3406	111442	DRS3625	113605
DRS3109	113443	DRS3258	110411	DRS3407	110465	DRS3627	111103
DRS3113	111130	DRS3259	110417	DRS3408	110465	DRS3635	113361
DRS3115	111070	DRS3260	110208	DRS3409	110465	DRS3635N	113361
DRS3115	114460	DRS3260	110209	DRS3410	112537	DRS3636	112236
DRS3115X	111070	DRS3263	113129	DRS3420	110582	DRS3637	111463
DRS3116	110585	DRS3264	110462	DRS3423	110444	DRS3637	111708
DRS3117	111070	DRS3264	110818	DRS3425	110464	DRS3643	111455
DRS3117	114460	DRS3267	110867	DRS3426	111574	DRS3644	110713
DRS3119	111251	DRS3267	112290	DRS3427	110819	DRS3645	113936
DRS3123	110459	DRS3268	111251	DRS3428	110462	DRS3646	111785
DRS3128	110938	DRS3270	111131	DRS3428	116137	DRS3650	113134
DRS3129	110854	DRS3273	111047	DRS3430	110213	DRS3650X	113134
DRS3130	110867	DRS3274	111422	DRS3440	110532	DRS3654	112295
DRS3133	110940	DRS3277	111508	DRS3447	110460	DRS3660	113846
DRS3139	110811	DRS3278	113210	DRS3450	112119	DRS3673	111097
DRS3140	111112	DRS3279	111272	DRS3456	111573	DRS3676	114119
DRS3140	111120	DRS3280	111131	DRS3457	110831	DRS3676N	114119
DRS3143	111241	DRS3280	111851	DRS3458	110817	DRS3679	112320
DRS3143N	111241	DRS3284	111913	DRS3463	114650	DRS3679N	112320
DRS3144	111683	DRS3286	110439	DRS3464	110440	DRS3680	110536
DRS3150	111851	DRS3287	110565	DRS3466	110831	DRS3680	116139
DRS3150N	111851	DRS3287	111346	DRS3470	110865	DRS3680	116312
DRS3154	110810	DRS3287	114650	DRS3474	113346	DRS3683	111685
DRS3156	110810	DRS3288	111685	DRS3476	112340	DRS3684	113446
DRS3163	111241	DRS3289	110465	DRS3479	111029	DRS3686	115940
DRS3164	110574	DRS3289	110615	DRS3480	110525	DRS3688	111300
DRS3164	111303	DRS3289	111737	DRS3484	111690	DRS3689	110584
DRS3165	110574	DRS3293	112055	DRS3484N	111690	DRS3689	116306
DRS3165	111805	DRS3294	110449	DRS3490	110524	DRS3690	110545
DRS3165N	111805	DRS3295	110961	DRS3501	110149	DRS3693	111849
DRS3166	110719	DRS3297	110962	DRS3501	110808	DRS3696	111332
DRS3168	111445	DRS3303	110941	DRS3508	110566	DRS3697	112124
DRS3169	110386	DRS3304	111679	DRS3511	110149	DRS3698	112124
DRS3169	110719	DRS3307	111088	DRS3511	110280	DRS3699	112235
DRS3173	114318	DRS3308	111420	DRS3511	110808	DRS3703	110552



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
DRS3704	112214	DRS3838X	112475	DRS3940N	111025	DRS4630	112321
DRS3706	112217	DRS3839	113281	DRS3940X	111025	DRS4700	111619
DRS3707	111442	DRS3843	115950	DRS3944	110574	DRS4711	110365
DRS3708	112322	DRS3845	111586	DRS3945	114199	DRS4730	111755
DRS3708N	112322	DRS3850	110584	DRS3946	115522	DRS4740	111755
DRS3708X	112322	DRS3850	110640	DRS3947	111885	DRS4740	111793
DRS3713	110933	DRS3850	116306	DRS3948	113932	DRS4780	110512
DRS3715	112304	DRS3850X	110584	DRS3948X	113932	DRS4810	111900
DRS3718	113662	DRS3850X	116306	DRS3949	113926	DRS4820	112131
DRS3719	111865	DRS3853	111912	DRS3949X	113926	DRS4830	113847
DRS3720	113468	DRS3853N	111912	DRS3953	113827	DRS4840	111400
DRS3723	111970	DRS3855	113757	DRS3954	114388	DRS4850	113482
DRS3724	112215	DRS3856	112365	DRS3954	116308	DRS4860	111123
DRS3725	111730	DRS3856N	112365	DRS3954N	114388	DRS4860	111127
DRS3727	114885	DRS3856X	112365	DRS3954N	116308	DRS4860N	111123
DRS3728	111971	DRS3857	110249	DRS3955	112474	DRS4861	111127
DRS3729	111608	DRS3861	111063	DRS3956	113910	DRS4861N	111127
DRS3730	110206	DRS3863	112370	DRS3956N	113910	DRS4870	110209
DRS3734	111728	DRS3863N	112370	DRS3957	113905	DRS4890	112172
DRS3735	112103	DRS3864	113313	DRS3957N	113905	DRS4900	111911
DRS3735X	112103	DRS3865	114889	DRS3958	114127	DRS4900	114118
DRS3737	115354	DRS3866	113314	DRS3958	116160	DRS4910	110206
DRS3738	113481	DRS3867	113314	DRS3958X	114127	DRS4910	110207
DRS3739	112475	DRS3869	113445	DRS3958X	116160	DRS4920	110205
DRS3739X	112475	DRS3869N	113445	DRS3959N	113307	DRS4971	110389
DRS3740	110365	DRS3869X	113445	DRS3960	110368	DRS4991	110149
DRS3743	112295	DRS3874	113402	DRS3963	113929	DRS4991	110808
DRS3745	111310	DRS3877	114051	DRS3964	112497	DRS4991	112215
DRS3747	111984	DRS3878	115951	DRS3965	113938	DRS4991	114885
DRS3748	113649	DRS3878X	115951	DRS3966	110447	DRS5010	110585
DRS3753	111442	DRS3883	113191	DRS3967	114145	DRS5010	111251
DRS3755	111906	DRS3884	113930	DRS3967N	114145	DRS5040	112660
DRS3757	112217	DRS3885	112300	DRS3967X	113935	DRS5040	113380
DRS3758	112368	DRS3886	115744	DRS3967X	115501	DRS5040N	112660
DRS3759	115407	DRS3887	113962	DRS3968	113908	DRS5050	112497
DRS3763	111219	DRS3887N	113962	DRS3968	116062	DRS5090	112290
DRS3764	111218	DRS3887X	113962	DRS3968N	113908	DRS5090X	112290
DRS3766	110932	DRS3888	113521	DRS3968N	116062	DRS5100	110227
DRS3770	112670	DRS3893	111931	DRS3969	113911	DRS5106	110224
DRS3774	111136	DRS3894	114525	DRS3969	116157	DRS5118	110227
DRS3775	115442	DRS3896	114316	DRS3969N	113911	DRS5150	111131
DRS3776	112218	DRS3897	112823	DRS3969N	116157	DRS5150	111750
DRS3776X	112218	DRS3897	115872	DRS3974	114106	DRS5150N	111750
DRS3778	112290	DRS3897N	112823	DRS3975	111374	DRS5173	111349
DRS3789	110461	DRS3897N	115872	DRS3975N	111374	DRS5200	111030
DRS3796	110442	DRS3898	114033	DRS3976	113933	DRS5270	111030
DRS3797	112821	DRS3899	112822	DRS3976X	113933	DRS5341	110386
DRS3797	115870	DRS3899	115880	DRS3977	112382	DRS5341	110719
DRS3797N	112821	DRS3899N	112822	DRS3977X	112382	DRS5420	112041
DRS3797N	115870	DRS3899N	115880	DRS3978	112382	DRS5420N	112041
DRS3797X	112821	DRS3903	113254	DRS3979	112382	DRS5430	110980
DRS3797X	115870	DRS3903N	113254	DRS3984	114061	DRS5490	111030
DRS3798	113928	DRS3903X	113254	DRS3985	113897	DRS5540	110368
DRS3799	113701	DRS3904	113927	DRS3985N	113897	DRS5610	112454
DRS3799N	113701	DRS3904X	113927	DRS3985X	113897	DRS5670	111231
DRS3801	110793	DRS3906	113629	DRS3987	114298	DRS5701	111214
DRS3803	114124	DRS3908	112474	DRS3987N	114298	DRS5740	113745
DRS3803N	114124	DRS3910	113389	DRS3988	114058	DRS5751	111312
DRS3804	114502	DRS3913	113638	DRS3988N	114058	DRS5751	111459
DRS3805	113965	DRS3913N	113638	DRS3988X	114058	DRS5930	111421
DRS3808	111724	DRS3915	114059	DRS4051	110249	DRS5930	116327
DRS3809	112014	DRS3916	113323	DRS4051	111442	DRS5930X	111421
DRS3815	115517	DRS3917	113319	DRS4061	111442	DRS5930X	116327
DRS3815X	115517	DRS3918	114763	DRS4071	110573	DRS5970	112286
DRS3816	112382	DRS3918N	114763	DRS4071	110719	DRS5981	110807
DRS3816X	112382	DRS3919	111559	DRS4101	110389	DRS6021	110575
DRS3817	112474	DRS3923	113329	DRS4141	110809	DRS6110	112131
DRS3817X	112474	DRS3923N	113329	DRS4151	110292	DRS6190	112167
DRS3818	112442	DRS3924	113327	DRS4341	111451	DRS6240	111694
DRS3823	112444	DRS3924N	113327	DRS4361	111561	DRS6240X	111694
DRS3825	113794	DRS3925	114762	DRS4451	110411	DRS6290	111748
DRS3825N	113794	DRS3927	113020	DRS4461	110260	DRS6290X	111748
DRS3826	112388	DRS3928	114723	DRS4461	110411	DRS6300	111749
DRS3828	113277	DRS3929	113925	DRS4471	110708	DRS6310	112286
DRS3829	113282	DRS3929X	113925	DRS4560	110981	DRS6330	112321
DRS3835	113276	DRS3935	113271	DRS4570	112455	DRS6330	113761
DRS3836	113276	DRS3936	112178	DRS4580	115540	DRS6340	112052
DRS3836N	113276	DRS3936N	112178	DRS4590	111029	DRS6350	111131
DRS3837	113276	DRS3938	112534	DRS4600	111030	DRS6350	111750
DRS3837N	113276	DRS3938N	112534	DRS4610	110842	DRS6380	111347
DRS3838	112475	DRS3940	111025	DRS4620	111694	DRS6380X	111347

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DRS6390	111065	DRS7490	111996	DRS8680X	112006	DRT1240N	113843
DRS6390	112440	DRS7490N	111996	DRS8770	113761	DRT1240X	113843
DRS6431	111552	DRS7500	111874	DRS8770X	113761	DRT1270	115939
DRS6470	112235	DRS7500	112006	DRS8780	112581	DRT1280	113282
DRS6470X	112235	DRS7510	112074	DRS8810	110532	DRT1300	114178
DRS6500	111984	DRS7520	111399	DRS8810X	110532	DRT1310	113282
DRS6520	110210	DRS7530	111680	DRS8830	114295	DRT1330	114178
DRS6550	112555	DRS7530	113701	DRS8840	113286	DRT1340	114395
DRS6550N	112555	DRS7530N	111680	DRS8850	111347	DRT1360	114093
DRS6570	110585	DRS7750	111793	DRS8860	114814	DRT1360	115512
DRS6570	113481	DRS7760	111910	DRS8880	112445	DRT1480	113891
DRS6660	112818	DRS7810	112224	DRS8880X	112445	DRT1480	115509
DRS6700	112166	DRS7830	111909	DRS8890	113292	DRT1480N	113891
DRS6730	113644	DRS7830X	111909	DRS8910	113303	DRT1480X	113891
DRS6730N	114199	DRS7840	111641	DRS8911	113303	DRT1480X	115509
DRS6740	111805	DRS7840N	111641	DRS8920	114174	DRT1490	113934
DRS6750	112306	DRS7840X	111641	DRS8940	112430	DRT1490X	113934
DRS6780	112309	DRS7860	111640	DRS8950	112441	DRT1500	114740
DRS6790	113750	DRS7860N	111640	DRS8950	115505	DRT1530	114886
DRS6790	114758	DRS7870	113468	DRS8950X	112441	DRT1560	114068
DRS6790X	113750	DRS7920	111848	DRS8960	112436	DRT1610	114177
DRS6800	112307	DRS7940	111823	DRS8960N	112436	DRT1630	114317
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DRS6870	113752	DRS7950X	112454	DRS8980	113182	DRT1810	113959
DRS6870X	113752	DRS7960	114233	DRS8990	112446	DRT1810	115510
DRS6880	111848	DRS7980	112055	DRS8990	116135	DRT1810N	113959
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DRS6920	112553	DRS7983N	115516	DRS9030	113346	DRT1910	116039
DRS6950	112053	DRS7983X	114054	DRS9040	111015	DRT2250	113859
DRS6980	111900	DRS7983X	115516	DRS9550	114160	DRT2260	114073
DRS6980X	111900	DRS7990	113979	DRS9820	113181	DRT2260X	114073
DRS6990	112306	DRS7990N	113979	DRS9820N	113181	DRT2290	115333
DRS6990	113387	DRS8010	111123	DRS9840	114341	DRT2411	113962
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DRS7000	112286	DRS8020	111995	DRS9980	113446	DRT2450	115938
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DRS7041N	111585	DRS8040N	112005	DRT0170	112498	DRT2510	115542
DRS7041X	111585	DRS8070	112034	DRT0170N	112498	DRT2611	115362
DRS7050	112116	DRS8070N	112034	DRT0220	114176	DRT2640	114031
DRS7060	111906	DRS8080	112040	DRT0230	113773	DRT2640	115892
DRS7060N	111906	DRS8090	112116	DRT0240	114163	DRT2640X	114031
DRS7070	111906	DRS8090N	112116	DRT0250	113842	DRT2640X	115892
DRS7070N	111906	DRS8110	111015	DRT0250	115508	DRT3550	114125
DRS7100	110212	DRS8210	110839	DRT0250X	113842	DRX08378	112165
DRS7110	111911	DRS8210X	110839	DRT0250X	115508	DRX67095	111982
DRS7110X	111911	DRS8230	111131	DRT0260	113841	DRX67131	110524
DRS7120	111123	DRS8240	111131	DRT0270	113678	DRX67149	111982
DRS7120N	111123	DRS8240	111269	DRT0270	115507	DRZ0100	110233
DRS7120X	111123	DRS8250	112537	DRT0280	113509	DRZ0100	110504
DRS7180	111908	DRS8270	112440	DRT0280X	113509	DRZ0100	110505
DRS7240	114523	DRS8270N	112440	DRT0290	114034	DRZ0102	110075
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DRS7240X	114523	DRS8290	111855	DRT0300	114062	DRZ0110	110233
DRS7250	112119	DRS8290	116128	DRT0320	114173	DRZ0111	110235
DRS7260	111851	DRS8310	114460	DRT0320X	114173	DRZ0112	110236
DRS7260N	111851	DRS8310N	114460	DRT0330	114175	DRZ0113	110237
DRS7260X	111851	DRS8310X	114460	DRT0340	111771	DRZ0115	110300
DRS7270	113980	DRS8340	111769	DRT0350	113513	DRZ0118	110427
DRS7280	111752	DRS8350	112431	DRT0611	114223	DRZ0119	110985
DRS7290	112135	DRS8370	113609	DRT0631	112367	DRZ0121	110488
DRS7300	113446	DRS8380	112221	DRT0780	113515	DRZ0122	110492
DRS7300	115506	DRS8380N	112221	DRT0780X	113515	DRZ0123	110498
DRS7310	112039	DRS8390	112429	DRT0860	114315	DRZ0128	110503
DRS7320	111771	DRS8420	110582	DRT0880	113608	DRZ0129	110233
DRS7381	112295	DRS8430	112435	DRT0890	114297	DRZ0129	110235
DRS7391	112295	DRS8430X	112435	DRT0900	114162	DRZ0129	110504
DRS7420	113674	DRS8450	114321	DRT1000	112494	DRZ0129	110505
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DRS7420X	113674	DRS8460	111911	DRT1060	113271	DRZ0131	110233
DRS7430	111855	DRS8480	113271	DRT1190	113760	DRZ0131	110471
DRS7430	116128	DRS8490	112441	DRT1190N	113760	DRZ0131	110502
DRS7430N	111855	DRS8500	112438	DRT1200	112581	DRZ0131	110505
DRS7430N	116128	DRS8500X	112438	DRT1210	114179	DRZ0131	110508
DRS7450	111904	DRS8571	111931	DRT1220	114096	DRZ0132	110591
DRS7450N	111904	DRS8571X	111931	DRT1230	114091	DRZ0132	111261
DRS7460	111900	DRS8630	113267	DRT1230X	114091	DRZ0133	110724
DRS7460X	111900	DRS8680	112006	DRT1240	113843	DRZ0135	110514

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
REMY (DELCO) Continued							
DRZ0140	110408	DRZ5147	110221	5000241777	110210	5010306413	113466
DRZ0141	110540	DRZ5153	111034	5000270909	110208	5010306533	113673
DRZ0142	110801	DRZ5155	111034	5000296466	111231	5010306533	115882
DRZ0143	110952	DRZ5156	111183	5000559254	113466	5010306537	115454
DRZ0144	110499	DRZ5160	113222	5000559361	113465	5010306538	116042
DRZ0151	112629	DRZ5162	111490	5000592182	110512	5010306592	113672
DRZ0151	112640	DRZ5164	110221	5000725698	110889	5010306592	115881
DRZ0154	110499	DRZ5165	110602	5000785288	111231	5010306631	114100
DRZ0155	112880	DRZ5166	110999	5000785698	110163	5010306631	115893
DRZ0156	110503	DRZ5167	111000	5000785715	111331	5010306701	115756
DRZ0158	110499	DRZ5168	111760	5000786439	110163	5010306777	113676
DRZ0161	110502	DRZ5170	111786	5000786512	111331	5010306777	115883
DRZ0168	110984	DRZ5171	111190	5000786538	110163	5010306801	112189
DRZ0169	110984	DRZ5172	112301	5000789048	110512	5010306910	113673
DRZ0170	111193	DRZ5173	111349	5000790629	111231	5010306910	115882
DRZ0172	112447	DRZ5174	110218	5000791211	113466	5010347544	112343
DRZ0175	112927	DRZ5175	110436	5000791383	111231	5010390082	112343
DRZ0176	111252	DRZ5175	112089	5000804191	110533	5010437728	114032
DRZ0177	111090	DRZ5176	112341	5000808251	110512	5010437730	113993
DRZ0179	111220	DRZ5177	111492	5000811448	110347	5010480196	113672
DRZ0182	110471	DRZ5180	110226	5000822346	110206	5010480196	115881
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DRZ0183	110514	DRZ5182	110221	5001014133	110163	5010480432	115893
DRZ0185	111193	DRZ5184	112846	5001014136	111331	5010480435	113673
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DRZ0188	111200	DRZ5188	113695	5001014169	110163	5010480572	114809
DRZ0191	111232	DRZ5189	110347	5001014175	110163	5010480765	114508
DRZ0191	112994	DSR1167L	112365	5001014178	110889	5010480878	112189
DRZ0191	112995	RS41006	110648	5001014181	110889	5010508379	113676
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DRZ0194	112884	RS41016	112145	5001014187	113465	5010508380	113672
DRZ0195	111223	RS41050	111043	5001014196	111231	5010508380	115881
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DRZ0207	110505	RS41077	112563	5001014227	111231	5010508443	113466
DRZ0208	110504	RS41085	115591	5001014230	111334	5010589137	114303
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DRZ5100	110224			5001837972	112159	5010853716	114100
DRZ5100	110227	RENAULT		5001847422	116042	5010853716	115893
DRZ5101	110509	0000434120	110585	5001847425	115454	5014648	115481
DRZ5104	110347	0025841042	113465	5001847428	113673	5830000132	111231
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DRZ5105	110223	0028115088	111231	5001853707	113673	6000102270	110536
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DRZ5109	110228	231000011R	116184	5001853710	115883	6000130300	110641
DRZ5110	110230	231000091R	116182	5001853713	113672	6000559751	110367
DRZ5111	110216	231001822R	114826	5001853713	115881	6001548553	113862
DRZ5111	110218	231002151R	114463	5001853716	114100	6001548554	114673
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DRZ5111	112897	231004527R	116174	5001854179	115756	6001549064	115655
DRZ5114	110216	23100-5079R	116174	5001859572	113466	6005001146	110536
DRZ5114	112897	231005770R	116178	5001860274	112189	6005001146	116139
DRZ5115	110347	231007562R	116182	5001864576	114809	6005003145	110178
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DRZ5115	111000	231007707R	113862	5001866293	114872	6005003152	111332
DRZ5116	110602	231008017R	113862	5001866293	115875	6005003153	111332
DRZ5117	110604	231008125R	115356	5001866702	114193	6005003154	110565
DRZ5119	110347	231008137R	114826	5001866702	115877	6005003155	110536
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DRZ5120	112341	2330000Q1J	115829	5001868233	114733	6005003156	110536
DRZ5121	110414	2330000Q1M	113920	5001868233	115894	6005003156	116139
DRZ5122	110468	2330000Q2C	113897	5001874640	114244	6005007547	111086
DRZ5123	110469	233000106R	115829	5010050785	110163	6005007548	110819
DRZ5124	111222	23300-0950R	115685	5010058424	110163	6005007750	110178
DRZ5125	110472	233001007X	115685	5010090370	113466	6005011729	111332
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DRZ5128	110491	233001375R	115829	5010090683	113466	6005016395	110536
DRZ5129	110506	23300-1375R	115829	5010090684	113465	6005016395	116139
DRZ5130	110569	233002654R	114074	5010096027	111231	6005700082	110819
DRZ5132	110590	233003152R	113897	5010149120	110163	6005700083	110178
DRZ5133	110602	233003329R	113897	5010217215	110207	6005700084	110641
DRZ5133	111221	23300EE00D	115361	5010217533	111231	6005701121	111289
DRZ5134	112267	5000041221	113466	5010217961	112159	6005701122	111086
DRZ5144	110216	5000049122	110210	5010235984	110163	6005701125	111332
DRZ5144	110347	5000049124	113465	5010306007	112189	6005701129	111086
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6010347544	112343	7700274178	115442	7700784891	111325	7701477410	113945
6021330030	110367	7700274303	115442	7700784977	111082	7701477694	112144
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7420466317	114212	7700300407	111937	7700791211	111082	7701478093	116048
7420714203	114872	7700300408	112057	7700796488	111251	7701499199	110856
7420714203	115875	7700300522	112103	7700796768	112728	7701499200	110367
7420732977	114193	7700301993	113134	7700796914	111319	7701499229	112295
7420732977	115877	7700308989	112076	7700807041	111082	7701499233	111063
7420842441	114407	7700313447	112103	7700808647	111319	7701499247	110585
7420842445	114880	7700352049	111251	7700820794	111803	7701499251	111082
7420853850	114212	7700352050	110585	7700851491	111063	7701499253	111082
7420862899	114212	7700377051	112441	7700852395	112769	7701499436	112756
7420997664	114323	7700377091	114701	7700852853	112295	7701499438	113500
7420997664	115889	7700377092	113280	7700853827	111251	7701499459	111841
7420997672	114733	7700414371	112679	7700854954	110585	7701499466	112541
7420997672	115894	7700416958	112679	7700854955	111251	7701499467	110585
7421036377	115593	7700421477	112144	7700857073	112679	7701499468	110866
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7421056611	114846	7700422237	112199	7700860915	113481	7701499479	111063
7421164607	114733	7700424596	111722	7700861013	112295	7701499480	111063
7421164607	115894	7700426849	112471	7700864608	111641	7701499482	110585
7421289219	115832	7700427476	113245	7700865213	112295	7701499601	112295
7421324077	112189	7700427880	113577	7700865719	111251	7701499615	113605
7421561402	116098	7700427932	112144	7700865985	113605	7701499648	111068
7421598449	114193	7700429310	112144	7700866505	112295	7701499649	110866
7421598449	115877	7700430181	111722	7700867838	111641	7701499651	114095
7421632125	114872	7700431943	112458	7700870818	112165	7701499959	111718
7421632125	115875	7700431944	112470	7700871057	111251	7702004621	110367
7485003033	114323	7700431945	111719	7700872258	112165	7702007262	110367
7485003033	115889	7700432331	112199	7700872348	112165	7702046211	110367
7485003131	114032	7700434899	112144	7700875450	113761	7702102137	110367
7485003228	112189	7700434900	112144	7700972258	112165	7702111083	110367
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7485003371	115887	7700437090	115549	7701028780	110819	7702150654	111325
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7700047132	113532	7700569256	110367	7701348964	110367	7711134564	112144
7700048828	114514	7700569257	110367	7701349264	110585	7711134617	111937
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7700076731	115357	7700650287	110866	7701351764	111319	7711135333	113919
7700100647	111251	7700665613	112541	7701351772	111251	7711135502	114161
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7700101279	112199	7700703490	110585	7701352125	110889	7711135521	113927
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7700105333	111718	7700735712	112295	7701381535	110889	7711368381	114721
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7700106426	113481	7700750305	110866	7701381647	113134	7711368888	116216
7700106501	111719	7700750306	110866	7701473614	114673	7711497093	112471
7700106763	113481	7700754850	111319	7701473636	112144	7711497095	113940
7700107124	111722	7700754852	111319	7701473660	115711	7711497095	116048
7700113207	113481	7700758217	110585	7701474326	113945	7711497098	113945
7700113208	113481	7700759289	111063	7701474416	113940	7711497099	112457
7700113209	112295	7700761416	112295	7701474416	116048	7711497302	115728
7700113627	113929	7700762458	112728	7701475896	114463	7711497409	114721
7700115294	113761	7700764382	111082	7701476808	113945	7711497535	114879
7700115479	112474	7700767420	111082	7701476809	112144	8200018818	112475
7700116260	112474	7700777478	112295	7701476810	112144	8200019706	115711
7700116282	113930	7700780507	112728	7701476811	115711	8200021396	113927
7700272482	110585	7700784482	111325	7701476812	114463	8200022774	114673
7700273783	115442	7700784890	111325	7701477001	114673	8200030635	112144

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
RENAULT <i>Continued</i>							
8200040415	112474	8200404465	116216	8200692868	113837	NAD000030	115616
8200049826	112218	8200406207	114131	8200692869	114122	NAD000090	113446
8200050150	113761	8200410669	115411	8200718724	115653	NAD10033	113346
8200054336	112474	8200410671	115419	8200725683	115857	NAD10038	111865
8200054588	112458	8200410674	114039	8200726639	114768	NAD100380	111865
8200054590	115711	8200410681	114882	8200727051	112144	NAD100390	112439
8200060488	113577	8200426577	113927	8200728292	114354	NAD10046	111269
8200060816	113403	8200429898	114131	8200741476	114869	NAD100580	113928
8200064344	113403	8200438148	112144	8200757870	116066	NAD100740	113346
8200064465	112474	82004458765	114074	8200772726	114882	NAD100750	113346
8200064465B	112474	8200460883	115974	8200781939	113932	NAD100790	113361
8200064685	112458	8200466763	113481	8200792969	115698	NAD100952	115950
8200065730	113403	8200468131	112457	8200810621	114879	NAD100971	114502
8200069377	114814	8200474219	115649	8200815079	113932	NAD101070	113346
8200075362	112474	8200495294	115310	8200815083	113932	NAD101080	113346
8200082782	112218	8200495301	113248	8200836473	113897	NAD101090	113601
8200086130	113248	8200495302	112471	8200846074	115920	NAD101140	113965
8200086161	115310	8200495304	113245	8200849752	115921	NAD101190	111865
8200086162	113919	8200495305	113919	8200854119	115356	NAD101240	113662
8200096510	112474	8200519296	115648	8200960533	115651	NAD101260	113346
8200100907	113940	8200523616	114673	8200960536	116216	NAD101340	113281
8200100907	116048	8200525891	115857	8200992208	115716	NAD101410	114502
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8200103744	112199	8200538407	112471	8201268221	115341	NAD101420E	113601
8200106788	112475	8200538408	113919	8953002125	111490	NAD101481	114295
8200107686	112458	8200538751	115842	8953002577	112541	NAD101490	111865
8200120286	112457	8200538815	113248	ROMANIA (E/P)			
8200121413	111719	8200538816	113245	2130	110640	NAD101500	113965
8200122976	113945	820053977	115354	DM2120	110640	NAD101520	113601
8200126298	115686	8200568535	114074	DM2130	110640	NAD500080	115642
8200130624	112475	8200571531	116216	DM2134	110640	NAD500160E	115822
8200143045	113929	8200584658	113927	DM2138	110529	NAD500160E	115822
8200153713	113245	8200584664	114180	DM2140	110367	NAD500210	112439
8200162474	112471	8200584675	113897	DM2140	110367	NAD500270	113959
8200175210	114122	8200584685	113927	DM2140	110866	NAD500280	115982
8200182178	113932	8200584837	114057	DM2146	110367	NAD500330	115642
8200186144	113761	8200584843	113897	DM92140	110367	PRC5449	111740
8200186148	114814	8200588648	115411	ROVER GROUP			
8200190721	113837	8200590255	113248	38522296F	114405	RTC6578	111865
8200193100	112059	8200621305	114074	AMR4248	112021	RTC6578	111740
8200199737	114814	8200623231	115653	AMR5425	112021	RTC6578	111740
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8200227092	113927	8200628429	115974	ERR5445	112533	RTC6578	111740
8200228289	114301	8200628430	114074	ERR5834	114452	RTC6578	111740
8200229907	114353	8200634602	112475	ERR6413	115844	RTC6578	111740
8200237594	114161	8200634603	112475	ERR6999	114300	RTC6578	111740
8200240487	114180	8200634604	114161	GEU2255	111356	RTC6578	111740
8200251006	114700	8200654785	116216	GNU2327	111578	RTC6578	111740
8200251007	113897	8200654785B	116216	GNU2331	111364	RTC6578	111740
8200262462	114122	8200660020	114122	GNU2335	111841	RTC6578	111740
8200266777	113932	8200660022	114700	GNU2393	112238	RTC6578	111740
8200285128	113897	8200660025	115382	GNU2397	114386	RTC6578	111740
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8200306595	113897	8200660037	114131	GNU2728	114386	RTC6578	111740
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8200323137	115382	8200660044	115549	GNU4814	113346	RTC6578	111740
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8200327183	115716	8200660053	115655	LR001200	115671	RTC6578	111740
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8200356669	114768	8200665520	115728	LR002426	115966	RTC6578	111740
8200360480	114463	8200667603	113940	LR002899	115544	RTC6578	111740
8200369521	114095	8200667603	116048	LR003468	115725	RTC6578	111740
8200373636	112457	8200667605	112199	LR003469	115468	RTC6578	111740
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8200386806	113940	8200667608	113940	LR007373	115468	RTC6578	111740
8200386806	116048	8200667608	116048	LR009338	115943	RTC6578	111740
8200390667	114354	8200667610	115419	LR009432	115468	RTC6578	111740
8200390675	114463	8200667611	114039	LR013540	116286	RTC6578	111740
8200390676	114721	8200667614	114882	LR013847	116007	RTC6578	111740
8200392926	111718	8200667618	115310	LR014060	115725	RTC6578	111740
8200399594	113897	8200667619	115411	LR043924	116286	RTC6578	111740
8200400891	115655	8200674762	114879	LR052752	116286	RTC6578	111740
8200402016	114074	8200690190	112471	LR072756	116007	RTC6578	111740
8200404300	113837	8200690202	113245	LR080299	116286	RTC6578	111740
8200404459	114509	8200692863	112144				
8200404461	115857	8200692865	112144				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO		
YLE102500.....	112472	1409380.....	111886	SEAT → VOLKSWAGEN					
YLE102500L.....	112472	1433688.....	111720	SEV					
YLE500170.....	113881	1433689.....	111720	70229002.....	110048	Q0003188V006000000.....	115951		
YLE500180.....	112468	1440768.....	111720	70229102.....	111397	Q0003188V007000000.....	115951		
YLE500190.....	114491	1440769.....	111720	70229502.....	111397	Q0003250V007000000.....	114025		
YLE500200.....	114704	1447911.....	113891	70229602.....	111397	Q0003250V008000000.....	114025		
YLE500250.....	115930	1447911.....	115509	70229702.....	110127	Q0003250V009000000.....	112384		
YLE500300.....	113990	1447912.....	113859	70229802.....	111397	Q0003250V010000000.....	112384		
YLE500310.....	114064	1475569.....	114753	70230002.....	111397	SSANG YONG			
YLE500340.....	113990	1475570.....	114028	70230202.....	111397	0091543002.....	112529		
YLE500400.....	114704	1516176.....	115800	70230302.....	111397	0091543002.....	116129		
YLE500410.....	115928	1516316.....	114861	70230502.....	111397	1621543002.....	112530		
YLE500420.....	115930	1525447.....	115800	71223702.....	111226	6611513101.....	111065		
YLE500440.....	113990	160675.....	112343	71233002.....	111226	6611513201.....	111065		
SAME				71236002.....	111139	6611513401.....	111065		
294392200.....	110890	1763035.....	114753	71249002.....	110052	6611513501.....	111065		
294396100.....	114735	1763036.....	114753	71273402.....	110048	6611513701.....	112440		
29439660.....	112768	1774592.....	115800	71314202.....	111226	6611513801.....	114270		
294397320.....	115689	1774594.....	114861	71340002.....	110052	6611513901.....	111065		
296190800.....	116077	1777300.....	114861	71427002.....	110048	6611514101.....	112440		
29619390.....	111001	1794114.....	115586	71427012.....	110048	6621543202.....	112578		
296195620.....	116077	1794784.....	115586	71427052.....	110127	6621544102.....	112578		
4270745M2.....	114107	1796026.....	113891	71427102.....	110127	6651510101.....	114270		
SAMSUNG				71427102.....	110127	6651510201.....	114270		
7383-10000.....	112365	1797880.....	115439	71427302.....	110127	A1621543002.....	112530		
SAWAFUJI				71429702.....	110127	A6621543202.....	112578		
0201-102-3015.....	114423	183868.....	110527	71429802.....	110127	A6621544102.....	112578		
0214-202-0310.....	115533	1884268.....	114382	71430402.....	110127	SUBARU			
0214-202-0320.....	115533	1888010.....	114382	71470302.....	110127	23300-AA020.....	111451		
0214-202-0330.....	115533	2008268.....	115439	71470402.....	110048	23300-AA050.....	111451		
0214-202-0340.....	115533	2008268.....	115876	71470502.....	110127	23300-AA190.....	111451		
0214-202-0410.....	115533	2031368.....	113891	71470602.....	110048	23300-AA200.....	111552		
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0350-402-0112.....	113130	2148650.....	113891	71473802.....	110048	23300-AA220.....	111552		
0350-402-0113.....	113130	2148650.....	115509	71473902(2).....	110048	23300-AA221.....	111552		
0350-402-0114.....	113130	2276131.....	113891	71490502.....	110052	23300-AA270.....	111552		
0350-402-0115.....	113130	2276131.....	115509	71490702.....	110052	23300-AA280.....	111552		
0350-402-0116.....	113130	257592.....	111834	71490802.....	110052	23300-AA300.....	111451		
0350-402-0210.....	113130	263356.....	110527	71491002.....	110052	23300-AA380.....	111552		
0350-402-0211.....	113130	2809251.....	111720	71523002.....	110127	23300-AA381.....	111552		
0350-402-0327.....	113130	309220.....	110212	71523102.....	110127	23300-AA390.....	111451		
0350-502-0130.....	110616	310563.....	110527	71543002.....	110052	23300-AA40A.....	111552		
0350-502-0131.....	110616	349575.....	112119	71554102.....	110112	23300-AA420.....	111552		
0350-552-0320.....	113130	349576.....	110214	71716600.....	112230	23300-AA450.....	111552		
0350-552-0321.....	113130	349578.....	110212	SISU					
0350-552-0322.....	113130	420247.....	112343	835339422.....	115851	23300-AA460.....	111451		
0350-552-0324.....	113130	460675.....	112343	836664355.....	114266	23300-AA560.....	111552		
0350-552-0325.....	113130	472302.....	112343	836667365.....	113901	23300-AA570.....	111451		
0350-552-0326.....	113130	475885.....	112424	836667389.....	113901	23300-AA573.....	111451		
0350-552-0328.....	113130	549276.....	111720	836866817.....	113570	23700-AA000.....	110267		
0350-702-0024.....	114345	571167.....	112224	836867365.....	113901	23700-AA020.....	110267		
0350-702-0025.....	114345	571168.....	111910	836873047.....	113351	23700-AA030.....	110703		
0350-702-0180.....	114345	5711413.....	111834	836873047.....	115557	23700-AA040.....	110703		
0350-702-0226.....	114345	5711414.....	112757	836873457.....	113570	23700-AA370.....	113634		
0350-702-0294.....	114345	5711416.....	111886	SMART					
0350-702-0339.....	114345	5711419.....	112424	0001477V006.....	114051	23700-AA37A.....	113634		
0355-502-0019.....	114436	5711420.....	110527	0002801V003.....	114025	23700-AA380.....	114214		
0355-502-0040.....	114436	5711427.....	111910	0002801V004.....	114025	23700-AA390.....	113634		
0355-502-0041.....	114436	5711438.....	111886	0002801V005.....	112384	23700-AA420.....	114214		
SCANIA				0002801V006.....	112384	23700-AA430.....	113634		
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0579261.....	115509	5711462.....	112224	0003188V005.....	115951	23700-AA520.....	115453		
1105367.....	112757	5711463.....	111910	0003188V006.....	115951	23700-AA522.....	115453		
1105368.....	112076	5711467.....	113891	0003188V007.....	115951	23700-AA540.....	114214		
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1332903.....	112224	5711475.....	114753	0003250V007.....	114025	23700-AA570.....	115453		
1335929.....	112224	5711480.....	115800	0003250V008.....	114025	32990-0100.....	110128		
1336136.....	111886	573015.....	114382	0003250V009.....	112384	42990-5600.....	110385		
1357709.....	111910	SEAT → VOLKSWAGEN				0003250V010.....	42990-7040.....	110703	
1371679.....	111720	SEV				0003250V011.....	42990-7050.....	110703	
1377400.....	111720	SEV				0004717V005.....	42990-7100.....	110703	
1394969.....	111886	SEV				0004717V006.....	42990-7110.....	110703	
1404788.....	110527	SEV				A6601510101.....	42990-7330.....	110267	
1409378.....	111886	SEV				Q0002801V003000000.....	42990-7340.....	110267	
				SEV				42990-7400.....	110267
				SEV				42990-7600.....	110703
				SEV				42991-7300.....	111451
				SEV				42991-7310.....	111451
				SEV				42991-7500.....	111451
				SEV				82990-6110.....	110128

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
SUZUKI							
30A68-00800	114079	31100-80G1	115349	31400-65D00	114247	32A66-00101	111272
31000-82631	111310	31100-80G10	115349	31400-65D01	114247	32A66-00600	111272
31000-85010	111385	31100-80X51	111475	31400-65D02	114247	32A66-10101	111272
31100-14F00	114182	31100-81010	111561	31400-65G00	113485	32A66-20601	111272
31100-14F01	114182	31100-82010	111310	31400-65J10	114881	34466-15102	111913
31100-40B01	111922	31100-82011	111310	31400-66002	113322	SAAB	
31100-51A90	111561	31100-82016	111310	31400-66010	110258	12759595	114284
31100-51K00	114871	31100-82021	110394	31400-66D00	113322	12762730	113352
31100-51K10	116270	31100-82030	111310	31400-66D01	113322	12770124	116199
31100-55L00	115444	31100-82031	111310	31400-66D02	113322	12785604	114257
31100-55L01	115444	31100-820D1	111310	31400-66D10	111779	12785605	114468
31100-60A10	110394	31100-82610	111310	31400-66D11	111779	4070428	110847
31100-60A11	110394	31100-82612	111310	31400-67J00	115305	4235610	110847
31100-60A12	110394	31100-82632	111310	31400-68D02	112461	4670428	110847
31100-60A13	110394	31100-826A0	111310	31400-68K10	115868	4966842	110847
31100-60A20	110394	31100-826A1	111310	31400-70010	110258	4966847	110847
31100-60A22	110394	31100-826D2	111310	31400-70F00	111610	5248372	113273
31100-60A30	114225	31100-83010	110394	31400-70F60	110967	5340419	114526
31100-60AB0	110394	31100-83011	110394	31400-70P00	111610	5350087	115907
31100-60AB1	110394	31100-83020	110394	31400-71310	110258	5470513	114656
31100-60AB2	110394	31100-83030	110394	31400-71C10	111279	55352105	114124
31100-60AC2	110394	31100-83031	110394	31400-71C20	111279	55352882	114058
31100-60AD0	114225	31100-83421	110394	31400-71C30	111279	55353669	115597
31100-60B50	111310	31100-83E00	111310	31400-71C50	110967	55353996	114124
31100-60B51	111310	31100-84350	111561	31400-72010	110258	8512311	113474
31100-60G10	111310	31100-84A00	115778	31400-72011	110258	8530446	113474
31100-60G11	111310	31100-84A10	113897	31400-73J00	113755	8545543	113474
31100-62030	111310	31100-84EC0	113843	31400-74010	110258	8828238	110847
31100-63J00	114060	31100-85010	111385	31400-75F00	113322	9000952	114124
31100-63J10	114060	31100-85020	111385	31400-75F01	113322	93177834	115619
31100-64G00	111310	31100-85291	110402	31400-75F50	111779	9544537	113674
31100-65DA0	112300	31100-85C00	110394	31400-75FD5	111779	TALBOT	
31100-65J10	115538	31100-85E00	113843	31400-77E10	111950	9104009880	111070
31100-67D10	112300	31100-86130	111310	31400-77E11	111950	A04009880	111070
31100-67D20	112300	31100-86CB1	111070	31400-77E12	111950	TECUMSEH	
31100-67J00	112474	31100-86G00	114060	31400-77E20	111779	33306	112312
31100-68D00	114061	31100-86J20	116102	31400-77E21	111779	33605	112312
31100-70B20	111849	31100-87500	114867	31400-77E22	111779	33606	112312
31100-73010	110421	31100-87J00	114867	31400-77E23	111779	33835	112313
31100-73030	110421	31100-92330	111310	31400-77E90	112332	35763	112312
31100-73031	111475	31100-94400	112008	31400-78010	110258	35763A	112312
31100-73033	111475	31100-94401	112008	31400-78210	110258	36264	112565
31100-73034	111475	31100-94402	112008	31400-78K00	116292	36463	112312
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31100-79610	110402	31400-55L01	114247	31400-83E10	114894	3D97385G01	110487
31100-79611	110402	31400-57L00	115866	31400-84A00	114207	3D97386G01	110487
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31100-79621	111385	31400-60A00	111279	31400-84A10	114533	3D97387G01	110488
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31100-79630	110402	31400-60A11	111279	31400-84E00	114245	4116D22G03	110487
31100-79631	110402	31400-60A20	111279	31400-84E01	114245	41-2195	110487
31100-79650	110402	31400-60A21	111279	31400-84E10	114247	41-5458	111216
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31100-80092	111475	31400-60B50	111279	31400-86G00	114023	44-4021	110175
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31100-80E00	111310	31400-60E11	111279	31400-M70F00	111610		
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44-8901	110487	27020-23011	110137	27020-54210	114288	27060-02020	110682
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44-8903	110487	27020-23020	110137	27020-54351	111483	27060-03040	111468
44-8904	110488	27020-23021	110137	27020-54352	111483	27060-03050	111468
44-8939	110487	27020-23022	110137	27020-54353	111483	27060-03060	111468
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44-9571	111216	27020-24021	110137	27020-56110	111613	27060-0D020	113296
44-9572	113716	27020-24031	110138	27020-56180	111484	27060-0D030	113296
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44-9750	110487	27020-24060	110138	27020-60070	110138	27060-0D060	114361
44-9751	110487	27020-24061	110138	27020-68040	111596	27060-0D110	114361
44-9752	110487	27020-24062	110138	27020-68130	111596	27060-0D140	114709
44-9753	110488	27020-24063	110138	27020-78601-71	110563	27060-0D140	116332
44-9754	110487	27020-24090	110137	27020-87102	110137	27060-0D160	113296
44-9755	110488	27020-25010	110138	27020-87103	110137	27060-0D170	114709
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45-220	112249	27020-26051	110138	27030-54130	114288	27060-0G021	114410
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45-2258	113716	27020-26090	110138	27030-54150	114288	27060-0H070	115416
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45-338	112249	27020-26150	110138	27030-54190	111483	27060-0J020	114006
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46-237	111043	27020-31010	110138	27030-54241	111483	27060-0J040	114006
46-2663	112249	27020-31011	110138	27030-54242	111483	27060-0J061	114667
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46-452	111043	27020-31031	110137	27030-54250	111483	27060-0L022	114024
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46-587	111043	27020-31033	110137	27030-54252	111483	27060-0L060	114024
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		27020-33036	110138	27040-54080	114203	27060-0Q120	114090
		27020-33040	110138	27040-54100	114203	27060-0Q130	114099
		27020-34030	110138	27040-54130	111605	27060-0R011	114490
		27020-34031	110138	27040-54151	114203	27060-0R040	114490
		27020-36021	110138	27040-54160	111605	27060-0R070	114390
		27020-36041	110138	27040-54190	111605	27060-0R071	114390
		27020-36042	110138	27040-54191	111605	27060-0R080	114410
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		27020-36070	110138	27040-54240	111605	27060-0T050	114694
		27020-36071	110138	27040-54270	114203	27060-0T051	114694
		27020-36080	110138	27040-54271	114203	27060-0T180	114694
		27020-38011	110138	27040-54280	111963	27060-0T181	114694
		27020-38012	110137	27040-54300	111963	27060-0Y010	114897
		27020-38031	110138	27040-54310	111963	27060-0Y020	114904
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TOYOTA <i>Continued</i>							
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27060-0Y060	114900	27060-23020	114231	27060-64150	111598	27060-87Z06	111437
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27060-10050	110628	27060-26060	115669	27060-67020	112063	27060-OD060	114361
27060-10051	110628	27060-27030	114227	27060-67030	112063	27060-YU020	113755
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27060-22130	114361	27060-63081	111705	27060-78305-71	111018	28100-0Y010	115613
27060-22140	114158	27060-63082	111705	27060-87402	114708	28100-10040	110709
27060-22160	114361	27060-63101	111705	27060-87512	111437	28100-11060	113665

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
28100-11080	113665	28100-30080	113938	28100-42021	110396	28100-74020	111544
28100-11100	113649	28100-31020	110154	28100-44050	110396	28100-74021	111544
28100-11140	113665	28100-31021	110154	28100-45020	110396	28100-74050	111544
28100-11160	113649	28100-31022	110154	28100-45021	110396	28100-74070	111544
28100-12012	110421	28100-31030	110154	28100-45022	110396	28100-74090	111544
28100-12030	110421	28100-31625-71	110581	28100-45023	110396	28100-74100	111544
28100-12040	110421	28100-33010	110152	28100-45030	110396	28100-74200	111463
28100-14014	110154	28100-33011	110152	28100-45031	110396	28100-74250	111463
28100-16010	111455	28100-33020	110152	28100-45032	110396	28100-74260	112367
28100-16020	110713	28100-33040	114071	28100-45033	110396	28100-74270	112367
28100-16040	111455	28100-33050	115643	28100-45050	110396	28100-74290	112367
28100-16041	111455	28100-33070	115643	28100-45061	110708	28100-75010	111785
28100-16070	111455	28100-33071	115643	28100-47090	110581	28100-87213	111455
28100-16071	111455	28100-33080	114071	28100-47091	110581	28100-87510	111088
28100-16110	110713	28100-33110	115723	28100-47120	115613	28100-87517	111088
28100-16130	110713	28100-33120	115644	28100-47121	115613	28100-87551	114851
28100-16140	110713	28100-33121	115644	28100-47122	115613	28100-87803	113208
28100-16150	110713	28100-34010	110152	28100-47130	115613	28100-B8010	115755
28100-16160	111455	28100-34020	110152	28100-47131	115613	28100-U2100-71	113108
28100-16180	111984	28100-34040	110411	28100-47132	115613	28100-YV010	113254
28100-16190	110713	28100-34042	110411	28100-50060	113171	28100-YV020	113933
28100-16210	110713	28100-34043	110411	28100-50061	113171	28300-22003-71	110411
28100-16230	111455	28100-34044	110411	28100-50062	113171		
28100-16240	111984	28100-34052	110411	28100-50070	113171		
28100-16270	111984	28100-34053	110411	28100-54010	110708	UNIPOINT	
28100-17010	113239	28100-34060	110260	28100-54011	110708	ALT-0101	112076
28100-17020	111679	28100-34070	110152	28100-54032	110708	ALT-0102	112159
28100-17030	111679	28100-34080	110260	28100-54042	110708	ALT-0103A	112561
28100-17040	113239	28100-34090	110152	28100-54051	110708	ALT-0104	111886
28100-17060	113239	28100-34100	110260	28100-54052	110708	ALT-0105	112757
28100-17090	113239	28100-35020	110411	28100-54061	110708	ALT-0106	112345
28100-20020	114037	28100-35030	110260	28100-54070	111387	ALT-0107	111987
28100-20021	114037	28100-35040	110411	28100-54090	110708	ALT-0108	111834
28100-20540	110152	28100-35060	110411	28100-54100	111387	ALT-0109	111146
28100-20550-71	110411	28100-35090	113108	28100-54110	111387	ALT-0110	110895
28100-20551-71	110411	28100-35140	110411	28100-54140	110708	ALT-0111	112803
28100-20552	110411	28100-36020	110152	28100-54150	110708	ALT-0112	112189
28100-20552-71	110411	28100-36030	110152	28100-54170	111387	ALT-0113	111631
28100-20553-71	110411	28100-36040	110152	28100-54180	111387	ALT-0113X	111746
28100-20557	110411	28100-36050	110152	28100-54190	110708	ALT-0130	110427
28100-20571	110411	28100-36051	110152	28100-54220	110708	ALT-0136	114423
28100-20572	110411	28100-36060	110152	28100-54250	110708	ALT-0170	112294
28100-21020	113314	28100-36070	110152	28100-54270	112336	ALT-0190	114347
28100-21021	113314	28100-36090	110152	28100-54290	111387	ALT-0191	114348
28100-21022	113314	28100-37010	110152	28100-54310	112336	ALT-0192	114349
28100-21030	113314	28100-37011-71	110152	28100-54320	113936	ALT-0193	110176
28100-21031	113314	28100-37020	114886	28100-54340	112336	ALT-1002	112824
28100-21040	114071	28100-37021	114886	28100-54370	113936	ALT-1004	112834
28100-22000	110411	28100-37030	114886	28100-54380	112336	ALT-1010	110233
28100-22010	110421	28100-37031	114886	28100-54390	113936	ALT-1010A	110233
28100-22011	110421	28100-37032	114886	28100-54400	112336	ALT-1010AS	110505
28100-22012	110421	28100-40010	110154	28100-54410	112336	ALT-1022	110075
28100-22020	110421	28100-40011	110154	28100-54460	112336	ALT-1023	110504
28100-22021	110421	28100-40012	110154	28100-54470	113936	ALT-1030	110508
28100-22022	110421	28100-40013	110154	28100-54490	113936	ALT-1031	110471
28100-22040	113271	28100-40014	110154	28100-54491	113936	ALT-1032	110471
28100-22041	113271	28100-40015	110154	28100-62020	111544	ALT-1032B	110471
28100-22060	110490	28100-40040	110152	28100-62021	111544	ALT-1069	112893
28100-22060-71	110490	28100-40041	110152	28100-62050	113119	ALT-1070	112884
28100-22061	110490	28100-40050	110152	28100-64040	111564	ALT-1083	112886
28100-22061-71	110490	28100-40060	110152	28100-64140	111564	ALT-1096	112888
28100-23010	110154	28100-40061	110152	28100-64190	111564	ALT-1101	112160
28100-23011	110154	28100-40070	115524	28100-64210	111564	ALT-1150	110801
28100-23020	113313	28100-40071	115524	28100-64290	111564	ALT-1208	111708
28100-23030	114889	28100-40090	115524	28100-64300	114240	ALT-1209	113349
28100-23040	114889	28100-40091	115524	28100-64310	111874	ALT-1210	113350
28100-23660-71	113238	28100-40100	110154	28100-64430	111874	ALT-1211	111846
28100-23800-71	111189	28100-40110	110154	28100-66040	113169	ALT-1212	114350
28100-23810-71	110260	28100-40120	110154	28100-66050	113169	ALT-1240	114534
28100-28041	114037	28100-40130	110154	28100-66060	113169	ALT-1241	114536
28100-28050	114255	28100-40140	110154	28100-67030	113757	ALT-1281	114351
28100-28051	114255	28100-40291-71	112036	28100-67050	113757	ALT-1301A	111711
28100-28052	114255	28100-41010	110396	28100-67051	113757	ALT-1301B	112639
28100-28053	114255	28100-41011	110396	28100-67052	113757	ALT-1301C	112629
28100-28070	114255	28100-41012	110396	28100-67070	113938	ALT-1307C	110984
28100-28072	114037	28100-41013	110396	28100-70050	114223	ALT-1309A	111854
28100-28082	114255	28100-41020	110396	28100-72010	110397	ALT-1310C	110503
28100-30040	116254	28100-41030	110396	28100-72030	110397	ALT-1311C	110499
28100-30050	113938	28100-41060	110396	28100-72060	110397	ALT-1315C	110986
28100-30051	113938	28100-42010	110396	28100-72080	110397	ALT-1317A	112447
28100-30060	113757	28100-42011	110396	28100-72100	110397	ALT-1321C	110985
						ALT-1322B	110502

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
UNIPOINT <i>Continued</i>							
ALT-1325B	111220	ALT-2111A	113351	ALT-3523A	112427	ALT-5111A	114361
ALT-1328C	111090	ALT-2113	113289	ALT-3523B	113923	ALT-5111B	113296
ALT-1329C	112640	ALT-2114	113284	ALT-3523B	115879	ALT-5113	114433
ALT-1334B	112338	ALT-2115	114296	ALT-3531	115602	ALT-5115	114362
ALT-1339B	110500	ALT-2116	114753	ALT-3532	114508	ALT-5123	114024
ALT-1402	111712	ALT-2117A	114212	ALT-3533	112457	ALT-5129	111779
ALT-1406	112614	ALT-2117B	114212	ALT-3702	111285	ALT-5136	113763
ALT-1407	112229	ALT-2118	113998	ALT-3704	112977	ALT-5214	113358
ALT-1410	112165	ALT-2119	116117	ALT-3705	113035	ALT-5301P	110629
ALT-1411	111223	ALT-2119	116118	ALT-3710	113954	ALT-5302	111048
ALT-1412	112615	ALT-2122	112170	ALT-3718	112349	ALT-5305	110620
ALT-1418	112868	ALT-2231	113531	ALT-3725	113952	ALT-6087	113071
ALT-1420	112665	ALT-2232	111843	ALT-3729	113697	ALT-6103	113922
ALT-1433	111426	ALT-2235	111216	ALT-4025	110970	ALT-6180	114363
ALT-1447	113498	ALT-2237	113716	ALT-4026	110607	ALT-6182	114364
ALT-1500	112853	ALT-2251	114089	ALT-4027	111623	ALT-6183	116029
ALT-1503	112850	ALT-2252	112056	ALT-4027	115890	ALT-6208	113235
ALT-1509	112850	ALT-2253	111076	ALT-4028	110770	ALT-6210	113365
ALT-1511	113777	ALT-2300	112197	ALT-4028A	114360	ALT-7001	111990
ALT-1601	112949	ALT-2300U	112197	ALT-4028F	112722	ALT-7007	111718
ALT-1603	112951	ALT-2310	113992	ALT-4028FP	110968	ALT-7008	113485
ALT-1606	112954	ALT-2311	113751	ALT-4029	110891	ALT-7009	114114
ALT-1607	112961	ALT-2312	112397	ALT-4029FP	113574	ALT-7011	112162
ALT-1608	112959	ALT-2320	114008	ALT-4029P	110178	ALT-7013	112769
ALT-1612	110724	ALT-2351	113958	ALT-4030	111176	ALT-7014	111325
ALT-1616	112958	ALT-2352	113947	ALT-4030FP	112238	ALT-7015	112287
ALT-1701	112936	ALT-2407	114765	ALT-4032	111738	ALT-7016	112681
ALT-1705	111200	ALT-2408	113858	ALT-4032A	113474	ALT-7017	112230
ALT-1706	112993	ALT-2408	115976	ALT-4036	110497	ALT-7018	112688
ALT-1708	112939	ALT-2409	115905	ALT-4036A	112237	ALT-7019	111093
ALT-1711	112927	ALT-2410	114705	ALT-4036B	111356	ALT-7020	111532
ALT-1721	112947	ALT-2410	115490	ALT-4039	111740	ALT-7021	110619
ALT-1723	112956	ALT-2411	115452	ALT-4050	111418	ALT-7022	112299
ALT-1804	112940	ALT-2420	113274	ALT-4050	115873	ALT-7023	112782
ALT-1805	111199	ALT-2421	113951	ALT-4051	111148	ALT-7150	111051
ALT-1808	112151	ALT-2422	113944	ALT-4071	113471	ALT-7151A	110562
ALT-1815V	113285	ALT-2456	113351	ALT-4206	113405	ALT-7151B	110657
ALT-1902	112942	ALT-2456	115557	ALT-4208	111413	ALT-7202	113652
ALT-1905	112946	ALT-2457	114314	ALT-4210	111505	ALT-7204	112458
ALT-2030	111477	ALT-2458	114753	ALT-4211	111689	ALT-7215	112471
ALT-2030C	111820	ALT-3013	113656	ALT-4212	112202	ALT-7216	113247
ALT-2030D	111899	ALT-3022	113657	ALT-4214	111416	ALT-7217	113248
ALT-2030U	111884	ALT-3025	113563	ALT-4215	112121	ALT-7218	113245
ALT-2031	111369	ALT-3027	114129	ALT-4216	111411	ALT-7222	112460
ALT-2031U	111890	ALT-3030	111405	ALT-4217	111795	ALT-7224	113755
ALT-2031V	113442	ALT-3034	113634	ALT-4218	112142	ALT-7225	113950
ALT-2031X	112529	ALT-3036	114356	ALT-4219	112143	ALT-7226	114026
ALT-2031X	116129	ALT-3040	111956	ALT-4220	113599	ALT-7227	112461
ALT-2034	111354	ALT-3040A	111626	ALT-4221	111756	ALT-7228	112480
ALT-2035	111353	ALT-3041	110804	ALT-4222	112325	ALT-7229	112703
ALT-2038	111676	ALT-3044	115438	ALT-4228	113621	ALT-7231	113518
ALT-2040	111352	ALT-3047	112328	ALT-4230	114204	ALT-7232	113330
ALT-2043	111479	ALT-3049	113503	ALT-4231U	113904	ALT-7234	113331
ALT-2048	113298	ALT-3053	111317	ALT-4233	113718	ALT-7500	114414
ALT-2049	112230	ALT-3055	110631	ALT-4234	113535	ALT-7600	114412
ALT-2050	113889	ALT-3059	111264	ALT-4237	113943	ALT-D016	113803
ALT-2056	112079	ALT-3065	110664	ALT-4238	113336	ALT-F008	113710
ALT-2057	111989	ALT-3071B	112067	ALT-5016	113989	ALT-F009	113709
ALT-2060	111732	ALT-3071D	111384	ALT-5019	112559	ALT-F010	113913
ALT-2061A	111898	ALT-3072	111807	ALT-5020	111678	ALT-F051	111252
ALT-2062	111991	ALT-3073	111237	ALT-5021	110965	ALT-H000	110077
ALT-2065	112557	ALT-3077	111375	ALT-5022	110967	ALT-H002	110264
ALT-2070	112194	ALT-3077D	111309	ALT-5024	113401	ALT-H003	110360
ALT-2072	111988	ALT-3078	111704	ALT-5025	111279	ALT-H004	110385
ALT-2073	112194	ALT-3101	113506	ALT-5026	110697	ALT-H006	110628
ALT-2077	114431	ALT-3104	114456	ALT-5031	111578	ALT-H007	110641
ALT-2082	112072	ALT-3105	113497	ALT-5035	110682	ALT-H010	110743
ALT-2084	111828	ALT-3150	115630	ALT-5041	111579	ALT-H011	110805
ALT-2085U	111883	ALT-3209	111381	ALT-5042	111193	ALT-H013	110881
ALT-2086	112144	ALT-3212	111381	ALT-5050	111428	ALT-H014	110882
ALT-2087	112416	ALT-3351	114425	ALT-5055	110675	ALT-H016	110890
ALT-2089	114656	ALT-3504	111315	ALT-5059C	111517	ALT-H017	110899
ALT-2089A	113272	ALT-3508	111806	ALT-5062	111518	ALT-H018	110912
ALT-2089B	113510	ALT-3515	114432	ALT-5066	113063	ALT-H019	110913
ALT-2090	113352	ALT-3516	114461	ALT-5067	111705	ALT-H020	110972
ALT-2094	114122	ALT-3517	110802	ALT-5070	111609	ALT-H021	110975
ALT-2094U	114353	ALT-3518	110804	ALT-5089	113089	ALT-H022	111035
ALT-2096	113640	ALT-3520	115550	ALT-5092	111468	ALT-H023	111071
ALT-2096U	113640	ALT-3522	111406	ALT-5094	111018	ALT-H024	111086
ALT-2097	113837	ALT-3523	112427	ALT-5095	110564	ALT-H025	111096
ALT-2097W	114354	ALT-3523	115871	ALT-5097	111285	ALT-H026	111139

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ALT-H027	111153	ALT-H136	113404	ALT-H225	111686	STR-2022	111749
ALT-H031	111280	ALT-H137	113406	ALT-H226	112072	STR-2028	111347
ALT-H032	111287	ALT-H139	113440	ALT-H227	112530	STR-2030	112306
ALT-H033	111288	ALT-H140	113447	ALT-H229	113328	STR-2031	112307
ALT-H034	111289	ALT-H142	113489	ALT-H230	113951	STR-2035A	112321
ALT-H037	111339	ALT-H145	113519	ALT-H231	113958	STR-2036	111131
ALT-H038	111342	ALT-H146	113536	ALT-H231	115499	STR-2037	111906
ALT-H039	111361	ALT-H147	113537	ALT-H232	114024	STR-2044	112309
ALT-H040	111362	ALT-H148	113577	ALT-H233	111369	STR-2045	111769
ALT-H041	111364	ALT-H149	113656	ALT-H235	110619	STR-2046	111750
ALT-H042	111409	ALT-H150	113708	ALT-H236	112782	STR-2047	112235
ALT-H043	111437	ALT-H151	113720	ALT-H237	113245	STR-2050	111065
ALT-H044	111478	ALT-H152	113721	ALT-H238	113274	STR-2053	112541
ALT-H045	111483	ALT-H153	113722	ALT-H245	113376	STR-2056	112431
ALT-H046	111507	ALT-H153	115963	ALT-L031	110350	STR-2059	113430
ALT-H047	111578	ALT-H154	113754	ALT-L032	110348	STR-2060	113276
ALT-H048	111594	ALT-H155	113785	ALT-T140	112343	STR-2061	113387
ALT-H050	111610	ALT-H157	113787	ALT-T145	116063	STR-2062	110336
ALT-H051	111620	ALT-H159	113791	ALT-T145M	111833	STR-2101	110847
ALT-H053	111687	ALT-H160	113792	ALT-T150	111842	STR-2103	112818
ALT-H054	111719	ALT-H161	113803	ALT-T151	111842	STR-2104	111911
ALT-H055	111722	ALT-H162	113849	ALT-V002	111831	STR-2107	112005
ALT-H056	111723	ALT-H162	116294	ALT-V003	111294	STR-2111	113613
ALT-H058	111747	ALT-H163	113861	ALT-V004	111797	STR-2112	111909
ALT-H059	111779	ALT-H166	113868	ALT-V005	111515	STR-2113	111823
ALT-H061	111803	ALT-H167	113881	ALT-V009	111186	STR-2119	113963
ALT-H064	111847	ALT-H168	113882	ALT-V012	112093	STR-2121	113750
ALT-H065	111850	ALT-H169	113883	ALT-V016	111344	STR-2200	110867
ALT-H066	111902	ALT-H170	113884	ALT-V017	110806	STR-2201	112166
ALT-H068	111937	ALT-H171	113887	ALT-V018	111872	STR-2203	111060
ALT-H069	111943	ALT-H172	113888	ALT-V019	111267	STR-2203A	112286
ALT-H070	111947	ALT-H173	113896	ALT-V022	112272	STR-2204	111855
ALT-H071	111950	ALT-H173	116158	ALT-V023	112271	STR-2204	116128
ALT-H072	111963	ALT-H174	113912	ALT-V023U	113941	STR-2205	112167
ALT-H074	111967	ALT-H174	116362	ALT-V024	111767	STR-2209	111851
ALT-H075	111980	ALT-H175	113919	ALT-V026	112129	STR-2210	112440
ALT-H076	112043	ALT-H176	113920	ALT-V036	110700	STR-2213A	113959
ALT-H077	112059	ALT-H178	113940	ALT-V038	111493	STR-2214	111619
ALT-H080	112098	ALT-H178	116048	ALT-V043	114014	STR-2215	113481
ALT-H081	112190	ALT-H179	113942	ALT-V052	114372	STR-2216	111694
ALT-H082	112191	ALT-H180	113945	ALT-V056	113956	STR-2218H	112251
ALT-H083	112193	ALT-H181	113953	ALT-V057	112205	STR-2219	112553
ALT-H085	112199	ALT-H182	113987	DM-715	111861	STR-2220	111900
ALT-H086	112205	ALT-H183	114005	STR-0124	114325	STR-2228	111865
ALT-H087	112273	ALT-H184	114012	STR-0130	113827	STR-2231	112172
ALT-H088	112274	ALT-H185	114025	STR-0131	114326	STR-2232	112821
ALT-H091	112333	ALT-H186	114040	STR-0150	111982	STR-2232	115870
ALT-H093	112351	ALT-H187	114042	STR-0303	114436	STR-2233	111724
ALT-H094	112352	ALT-H187	116113	STR-0310	114343	STR-2234	114160
ALT-H095	112355	ALT-H190	114088	STR-1001A	110634	STR-2236	113674
ALT-H097	112357	ALT-H190	115487	STR-1002A	110635	STR-2238	112534
ALT-H100	112384	ALT-H191	114090	STR-1005A	112563	STR-2240	111904
ALT-H101	112387	ALT-H192	114099	STR-1006A	112242	STR-2241	113678
ALT-H103	112396	ALT-H193	114102	STR-1007	112312	STR-2242	113842
ALT-H104	112399	ALT-H193	116068	STR-1009	112566	STR-2243	113843
ALT-H107	112414	ALT-H194	114109	STR-1012	113853	STR-2244	114093
ALT-H108	112418	ALT-H195	114111	STR-1047	112565	STR-2245	112441
ALT-H109	112419	ALT-H196	114121	STR-1052	110510	STR-2246	113841
ALT-H110	112425	ALT-H197	114130	STR-1058	111012	STR-2247	113446
ALT-H111	112462	ALT-H197	116069	STR-1060	111043	STR-2301	110536
ALT-H112	112469	ALT-H198	114131	STR-1063	110648	STR-2301	116086
ALT-H113	112472	ALT-H199	114147	STR-1065	110240	STR-2301	116139
ALT-H114	112578	ALT-H200	114186	STR-1066	110644	STR-2302	110529
ALT-H115	112648	ALT-H202	114200	STR-1067	110647	STR-2311	111982
ALT-H116	112654	ALT-H203	114215	STR-1069	110636	STR-2312	113466
ALT-H117	112680	ALT-H204	114231	STR-1070	110949	STR-2313	113979
ALT-H119	112720	ALT-H205	114235	STR-1071B	111840	STR-2314	113760
ALT-H121	113252	ALT-H208	114245	STR-1100	112218	STR-2315	112498
ALT-H122	113253	ALT-H209	114247	STR-2003	111489	STR-2316	113277
ALT-H123	113283	ALT-H210	114258	STR-2004	111010	STR-2317	113759
ALT-H124	113300	ALT-H211	114291	STR-2005	111029	STR-2318	112446
ALT-H125	113306	ALT-H212	114300	STR-2006	111400	STR-2319	112494
ALT-H126	113316	ALT-H213	114311	STR-2007	111269	STR-2320	114523
ALT-H127	113317	ALT-H214	114358	STR-2009	111030	STR-2322	112055
ALT-H128	113324	ALT-H215	114409	STR-2010	111490	STR-2351	112224
ALT-H129	113330	ALT-H216	114412	STR-2012	110862	STR-2352	111910
ALT-H130	113331	ALT-H217	114462	STR-2014	114118	STR-2358	112436
ALT-H132	113343	ALT-H220	114656	STR-2016	111059	STR-2370	111771
ALT-H133	113348	ALT-H221	114658	STR-2018	111680	STR-2371	113609
ALT-H134	113383	ALT-H222	114673	STR-2019	111748	STR-2372	112581
ALT-H135	113403	ALT-H224	111094	STR-2020	112131	STR-2374	113608



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
UNIPOINT <i>Continued</i>							
STR-2380	110206	STR-3118	112241	STR-4707	114029	STR-7052	110602
STR-23802	114438	STR-3119	113642	STR-4708	113897	STR-7053	110590
STR-23804	110535	STR-3124	114225	STR-5002	111525	STR-7054	111041
STR-23806	110209	STR-3200	114058	STR-5003	111387	STR-7057	112267
STR-23807	110932	STR-3301	111382	STR-5004	114071	STR-7063	113452
STR-23809	110980	STR-3308	112320	STR-5005	110389	STR-7065	110604
STR-2381	110207	STR-3309	113408	STR-5008	114332	STR-7066	112268
STR-2382	110208	STR-3501A	111025	STR-5011H	113132	STR-7068	112341
STR-2384	110582	STR-3502	111970	STR-5012	111683	STR-7072	111221
STR-2385	110601	STR-3503	110811	STR-5015	113169	STR-7073	111383
STR-2386	110512	STR-3504	112368	STR-5017	113171	STR-7076	112668
STR-2388	111218	STR-3514	112300	STR-5022	113172	STR-7107	113669
STR-2389	110534	STR-3522	113020	STR-5024	113171	STR-7108	114169
STR-2390	110532	STR-3523	111730	STR-5025	113696	STR-7131	113195
STR-23902	110531	STR-3529	110810	STR-5027	113662	STR-7149	111558
STR-23903	112120	STR-3556	110479	STR-5028	112336	STR-7158	111760
STR-23904	112119	STR-3556	113659	STR-5030	114429	STR-7169	113435
STR-23905	110212	STR-3557	110808	STR-5032	113702	STR-7200	110315
STR-23906	112116	STR-3558	113040	STR-5034	113459	STR-7900	113672
STR-2391	110210	STR-3561	110158	STR-5037	113965	STR-7900	115881
STR-2392	111046	STR-3562	110149	STR-5038	113329	STR-7901	113676
STR-2394	111231	STR-3564	110144	STR-5204	112214	STR-7901	115883
STR-2395	110214	STR-3567	110155	STR-5207	113361	STR-7902	113673
STR-2396	111219	STR-3568	110279	STR-5300	114333	STR-7902	115882
STR-2411	113891	STR-3569	110447	STR-6000	110573	STR-7903	114872
STR-2412	114327	STR-3571	110421	STR-6006	110820	STR-7903	115875
STR-2413	113934	STR-3573	110154	STR-6007	114213	STR-7904	113746
STR-2414	114073	STR-3574	110152	STR-6008	111805	STR-7905	114193
STR-2415	114031	STR-3576	111452	STR-6009	112371	STR-7905	115877
STR-2415	115892	STR-3577	110277	STR-6011	110574	STR-7906	113830
STR-2461	113891	STR-3579	110394	STR-6012	111559	STR-7906	115884
STR-2521	110216	STR-3581	110278	STR-6016	112676	STR-7908	113984
STR-2602	111786	STR-3585	111310	STR-6021B	111136	STR-7913	115556
STR-2603	112240	STR-3593	110292	STR-6023	111274	STR-7913	115886
STR-2604	112904	STR-3595	110958	STR-6024	112365	STR-7914	114733
STR-2606	112906	STR-3596	113644	STR-6032	110575	STR-7914	115894
STR-2612	112897	STR-3603	113392	STR-6034	111272	STR-7916	115593
STR-2618	112902	STR-3606	113398	STR-6037A	111703	STR-7916	115887
STR-2632	111848	STR-3801	112373	STR-6041	110386	STR-7950	115517
STR-2660	111684	STR-3803	113680	STR-6046	111461	STR-7951	115439
STR-2661	111848	STR-3806	112478	STR-6047	111273	STR-7951	115876
STR-2716	114119	STR-4200	110347	STR-6048	111275	STR-7952	114310
STR-2807	112340	STR-4201	113153	STR-6050	114232	STR-7952	115888
STR-2808	112235	STR-4202	110436	STR-6052	110627	STR-7953	113851
STR-2825	112600	STR-4204	112089	STR-6055	113428	STR-7953	115885
STR-2826	111844	STR-4290	113550	STR-6056	110941	STR-7954	115440
STR-2831	111374	STR-4302	110347	STR-6073	113238	STR-8001	113108
STR-2832	111183	STR-4303	110999	STR-6079	114335	STR-8001A	113108
STR-2839	112608	STR-4390	114330	STR-6081	113239	STR-8002	111492
STR-2843	112603	STR-4391	114013	STR-6086	113114	STR-8006	110411
STR-2845	111374	STR-4394	113851	STR-6088	113206	STR-8016	113402
STR-2857	113910	STR-4394	115885	STR-6090	113725	STR-8018	110182
STR-2901	110809	STR-4396	113609	STR-6092	110942	STR-8019	110720
STR-3002	110315	STR-4398	115447	STR-6093	110961	STR-8023	113116
STR-3003B	110810	STR-4501	113346	STR-6102	111247	STR-8025	111442
STR-3004	111241	STR-4502	113962	STR-6103	110723	STR-8027	113119
STR-3010	111459	STR-4503	113931	STR-6107	113675	STR-8033	111984
STR-3010A	113267	STR-4514	111685	STR-6133	113194	STR-8043	111552
STR-3015	111485	STR-4518	112379	STR-6138	110576	STR-8057	110938
STR-3015A	111108	STR-4519	112382	STR-6144	111913	STR-8075	112367
STR-3016	110142	STR-4600	111123	STR-6160	110580	STR-8085	112367
STR-3022B	111349	STR-4603	111130	STR-6161	110581	STR-8090	112547
STR-3024	111764	STR-4606	113254	STR-6163	110490	STR-8104	112545
STR-3027	110572	STR-4607	110584	STR-6165	113129	STR-8261	113665
STR-3030	110394	STR-4607	116306	STR-6170	113130	STR-8263	111455
STR-3032	112846	STR-4608	110866	STR-6176	112649	STR-8264	113271
STR-3034A	111699	STR-4609	111251	STR-6180	114339	STR-8268	113314
STR-3036	111127	STR-4610	113932	STR-6182	111679	STR-8270	113629
STR-3045	111534	STR-4613	114460	STR-6183	112822	STR-8272	113601
STR-3055	113044	STR-4614	112322	STR-6183	115880	STR-8273	114341
STR-3056	111690	STR-4615	111641	STR-6187	113203	STR-8276	112546
STR-3069	112301	STR-4616	111994	STR-6196	114340	STR-8277	114419
STR-3070	111451	STR-4617	113929	STR-7002	113668	STR-8279	113649
STR-3073	112900	STR-4618	113719	STR-7006	112276	STR-8284	112006
STR-3077	111307	STR-4618	115869	STR-7013	113703	STR-9106	114343
STR-3080	111608	STR-4619	113933	STR-7030	112370	STR-9107	112342
STR-3093	113618	STR-4626	114892	STR-7035	111023	STR-9109	114345
STR-3098	111312	STR-4628	113937	STR-7037	112103	STR-9113	112823
STR-3099	111034	STR-4700	111070	STR-7039	113445	STR-9113	115872
STR-3101	112912	STR-4703	112475	STR-7040	111912	STR-9118	110944
STR-3106	113521	STR-4704	112474	STR-7042	111476	STR-9119	111020

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
STR-9121	114346	STR-H074	113931	4886540MO30SM	110648	SM18190	110949
STR-9152	112544	STR-H075	113935	5059240MO30SM	110647	SM20521	112247
STR-B001	113389	STR-H075	115501	5174740	112546	SM20702	110644
STR-B002	110844	STR-H076	113936	5213140MO30SM	110949	SM20703	110644
STR-B003	112290	STR-H077	113937	5213240MO30SM	112831	SM21349	112831
STR-B008	112533	STR-H078	113938	5216020MO25SM	112247	SM44120	110636
STR-B010	113134	STR-H079	113963	5216040MO25SM	112247	SM47330	111012
STR-B014	111996	STR-H080	114034	5225040MO30SM	112244	SM47690	112145
STR-B015	111855	STR-H082	114051	5239740MO30SM	112150	SM47764	110654
STR-B015	116128	STR-H083	114054	5249840MO30SM	112157	SM48201	110648
STR-B018L	112053	STR-H083	115516	5273440MO30SM	110636	SM48202	110654
STR-B206	111851	STR-H085	114061	5278340MO30SM	112244	SM48203	110654
STR-B207	114054	STR-H086	114071	5278440MO30SM	112150	SM48826	111861
STR-B207	115516	STR-H087	114072	5666120MO30SM	110510	SM48865	110648
STR-B208	111996	STR-H088	114074	5666120MO30SM	110510	SM50497	110510
STR-B300	114091	STR-H089	114091	5666140	110510	SM52132	112831
STR-B301	114833	STR-H090	114092	5666140MO30SM	110510	SM52160	112247
STR-B302	114178	STR-H091	114094	5666220MO30SM	110949	SM52397	112150
STR-B407	110461	STR-H092	114127	5666240MO30SM	110949	SM52784	112150
STR-H000	110160	STR-H092	116160	5666420MO03SM	112831	SM56661	110510
STR-H001	110363	STR-H093	114162	5666440MO30SM	112831	SM56662	110949
STR-H002	110367	STR-H094	114163	5666620MO30SM	111012	SM56664	112831
STR-H003	110397	STR-H096	114173	5666640MO30SM	111012	SM56666	111012
STR-H004	110402	STR-H097	114174	56666420MO30SM	112831	SM56669	112244
STR-H005	110462	STR-H098	114175	5666940MO30SM	112244	SM56670	112150
STR-H005	116137	STR-H099	114177	5667040MO30SM	112150	SM56676	112146
STR-H006	110524	STR-H100	114178	5667140MO30SM	113017	SM56714	112145
STR-H007	110565	STR-H101	114179	5667640MO30SM	112146	SM56756	112826
STR-H011	110814	STR-H102	114199	5671440MO30SM	112145	SM56804	113594
STR-H012	110865	STR-H103	114216	5675620MO30SM	112826	SM57047	110644
STR-H013	111069	STR-H105	114283	5675640MO30SM	112826	SM57053	110647
STR-H014	111088	STR-H106	114297	5680640	113594	SM59535	110644
STR-H015	111100	STR-H107	114299	5680640MO30SM	113594	SM60209	113476
STR-H016	111102	STR-H108	114317	5704620MO30SM	110647	SM67432	113591
STR-H017	111103	STR-H109	114321	5704820MO30SM	110240	SM67675	112829
STR-H019	111112	STR-H111	114816	5705120MO30SM	111043	SM68737	113592
STR-H021	111214	STR-H112	111544	5705320MO30SM	110647	SME12A11	110510
STR-H022	111303	STR-H113	111823	5705340MO30SM	110647	SME12A8	110510
STR-H024	111420	STR-H114	111971	5769040-MO30SM	112145	SMH1201399	110644
STR-H025	111508	STR-H115	113750	6020940MO30SM	113376	SMH12A102	110510
STR-H027	111561	STR-H117	113933	6088420MO30SM	113476	SMH12A2	110510
STR-H028	111564	STR-H118	112382	6560020MO30SM	112244	SMH12A201	110510
STR-H029	111565	STR-H121	112430	6560040	112244	SMH12A202	110510
STR-H031	111849	STR-L020	112304	6585840	112157	SMH12A4	110510
STR-H032	111874	STR-L021	110352	6585840MO30SM	112157	SMH12B41	110240
STR-H033	111931			6727040MO30SM	113017	SMH12B42	110647
STR-H034	111995	UNITED TECHNOLOGIES		6734620MO30SM	112150	SMH12B43	110647
STR-H036	112026	0255625-MO30SM	111043	6743040	112830	SMH12C31	110648
STR-H037	112052	0255640-MO30SM	111043	6743040MO30SM	112830	SMH12C41	110644
STR-H038	112215	0599440	110510	6743240-MO30SM	113591	SMO1965	110634
STR-H039	112221	0599440-MO30SM	110510	6767540MO30SM	112829	SMO2469	110644
STR-H040	112236	1053720MO30SM	113854	6873740-MO30SM	113592		
STR-H043	112429	1122921-MO30SM	110647	9G4338	110999	VALEO	
STR-H044	112435	1122940-MO30SM	110647	M0551046A	111861	076517	113466
STR-H047	113303	1146340	110510	MM48826	111861	076571	110512
STR-H048	113313	1146340-MO30SM	110510	SM01399	110644	098208	111231
STR-H049	113319	1250740	110510	SM01446	110648	098209	111231
STR-H050	113323	1250740-MO30SM	110510	SM01965	110634	100363	110163
STR-H051	113327	1570140MO30SM	110510	SM02289	110644	100714U	110585
STR-H052	113329	1574440MO30SM	110510	SM02465	110644	100894	111331
STR-H053	113451	1635323-MO30SM	110510	SM02466	110644	101368	110931
STR-H054	113509	1635340-MO30SM	110510	SM02556	111043	101375	110163
STR-H055	113513	1653340	110510	SM02610	110240	104326H	110585
STR-H056	113521	1770540	110949	SM05994	110510	105119C	112218
STR-H057	113638	177054030SM	110949	SM08041	110647	1195239	114443
STR-H058	113677	1799640MO30SM	110240	SM09962	110648	1195248	112322
STR-H059	113745	1819040MO30SM	110949	SM09964	110648	1195912	115977
STR-H060	113757	2009805	113854	SM10629	110240	1195921	114820
STR-H061	113794	2070240MO30SM	110644	SM10790	110654	1195923	113020
STR-H062	113796	2134940MO30SM	112831	SM10970	110654	1195925	113797
STR-H063	113819	2-2432-UT	113593	SM11229	110647	1196052A	115426
STR-H064	113821	4412040	110636	SM1122940	110647	1196601	115571
STR-H065	113860	4412040MO30SM	110636	SM11279	110647	1199875	116276
STR-H066	113905	4509809	110510	SM11463	110510	1201942	114443
STR-H067	113906	4509809S030SM	110510	SM12507	110510	1201952	116260
STR-H069	113908	4733040MO30SM	111012	SM15701	110510	1204354	116271
STR-H069	116062	4769040MO30SM	112145	SM16353	110510	1204960	114443
STR-H071	113911	4820123MO30SM	110648	SM17705	110949	1205914	116258
STR-H071	116157	4820240MO30SM	110654	SM17916	110644	1209422	115758
STR-H072	113925	4820250-MO30SM	110654	SM17917	110644	1250128	113937
STR-H073	113927	4820340MO30SM	110654	SM17996	110240	1250295	113797

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
1250299	111307	2541171	112162	2541626	111676	2541784A	113604
1250301	111307	2541173	111321	2541626E	111676	2541784B	113604
1250303	114892	2541180	111076	2541635	111987	2541785	111318
1250313	115977	2541181	112162	2541636	111987	2541785B	111318
1250449	114778	2541182	112162	2541637	111987	2541801	111820
1250902	114760	2541191	111397	25416373	111987	2541801A	111820
1250955	113659	2541191B	111397	2541638	111987	2541807	111321
1251025	115751	2541197	111319	2541639	111987	2541809	112557
180620	113477	2541199	111658	2541648	111987	2541809A	112557
181598	111231	2541199B	111658	2541659	112183	2541811	111873
182551	111130	2541199D	111658	2541663	111397	2541811A	111873
182604	111070	2541204	110889	2541665	112299	2541811B	111873
184030	111130	2541222	111288	2541665B	112299	2541815	111477
184202	111047	2541233	110912	2541665C	112299	2541815A	111477
184413	111130	2541234	110912	2541671	114084	2541815B	111477
184470	111130	2541235	111035	2541675	111477	2541817	111676
184643	111070	2541236	111035	2541676	111353	2541819	111353
185547	111251	2541239	110759	2541678	112681	2541821	111352
185562	110585	2541251	112461	2541678B	112681	2541821A	111352
185625	111070	2541251B	112461	2541678C	112681	2541828	111658
185994	111070	2541257	112756	2541679	111498	2541828B	111658
186269	111130	2541264	110358	2541679C	111498	2541838	112529
186561	110585	2541290	111355	2541680	111354	2541838	116129
186625	113307	2541297	111093	2541680A	111354	2541838A	112529
186887	111130	2541298	110619	2541683	111354	2541838A	116129
187031	113478	2541298A	110619	2541683A	111354	2541839	111369
187153	111251	2541307	111319	2541694	111788	2541839A	111369
190396	111909	2541307C	111319	2541694D	111788	2541848	111947
190895	113933	2541307D	111319	2541695	111803	2541850	111658
191335	113842	2541313	112769	2541697	111946	2541854	112292
1EM0049	110389	2541314	111076	2541697B	111946	2541854A	112292
1EM0057	110811	2541321	112800	2541699	111354	2541856	111478
1EM0058	110808	2541321E	112800	2541703	112298	2541856A	111478
1EM0064	110479	2541321F	112800	2541703B	112298	2541863	112467
1EM0070	110808	2541321H	112800	2541710	112292	2541873	111720
1EM0081	110315	2541324	110889	2541710B	112292	2541880	112557
1EM0087	110807	2541328	112769	2541711	112772	2541880B	112557
1EM0088	110149	2541341	111168	2541711B	112772	2541880C	112557
1EM008802	110808	2541360	114026	2541711C	112772	2541884	111947
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219139	113350	2541416	111479	2541735	112292	2541912	111873
219187	111846	2541416F	111479	2541738	114026	2541912A	111873
219199	113498	2541417	111477	2541738B	114026	2541916	111720
219202	113349	2541417K	111477	2541738C	114026	2541919	112529
219235	114114	2541423	111419	2541740	112230	2541919	116129
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2325158	111141	2541434A	112149	2541758	112688	2541919B	116129
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2518028	111036	2541438	111154	2541758B	112688	2541920B	111369
2518039	111397	2541441	111288	2541759	113485	2541922	111967
2518039C	111397	2541442	111288	2541760	112703	2541922B	111967
2518044	111093	2541445	111321	2541760B	112703	2541927	112057
2518046	110923	2541447	112782	2541763	110619	2541927A	112057
2518051	111948	2541447A	112782	2541763A	110619	2541928	111937
2522104	111658	2541452	110759	2541763C	110619	2541928A	111937
2523162	110766	2541459	112292	2541763D	110619	2541950	112298
2523203	111154	2541461	112230	2541767	112782	2541950B	112298
2523204	112149	2541461B	112230	2541767A	112782	2541951	112299
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2523234	110178	2541471	111082	2541768	111226	2541951C	112299
2541117	112756	2541476	113920	2541770	113868	2541953	111718
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2541130	111948	2541494	112687	2541775	116129	2541954B	112059
2541131	111948	2541494A	112687	2541775A	112529	2541959	112529
2541133	112183	2541609	112557	2541775A	116129	2541959	116129
2541135	111036	2541610	112679	2541775B	112529	2541960	111369
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2541148	111948	2541618	111987	2541776	111369	2541961A	112413
2541168	113477	2541619	111353	2541776B	111369	2541963	112193
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2541170	112754	2541624A	111631	2541784	113604	2541965	111723

O. E. No.	HC-CARGO	O. E. No.	HC-CARGO	O. E. No.	HC-CARGO	O. E. No.	HC-CARGO
2541965A	111723	2542272B	112471	2542377B	112193	2542481	112199
2541968	111943	2542272C	112471	2542379	111873	2542481D	112199
2541968A	111943	2542272E	112471	2542379A	111873	2542483	112058
2541968B	111943	2542273	111426	2542388	114684	2542483A	112058
2541968D	111943	2542281	112273	2542393	112471	2542484	113405
2541969	112058	2542281C	112273	2542393A	112471	2542484A	113405
2541969A	112058	2542282	112274	2542393D	112471	2542486	113603
2541970	113603	2542282C	112274	2542394	113405	2542486A	113603
2541970A	113603	2542284	114522	2542394B	113405	2542487	113575
2541971	112480	2542284B	114522	2542396	113575	2542487A	113575
2541971B	112480	2542284C	114522	2542396A	113575	2542488	113246
2541976	111719	2542284E	114522	2542396B	113575	2542489	112480
2541976D	111719	2542285	113405	2542397	112469	2542489A	112480
2541978	111722	2542285A	113405	2542397B	112469	2542490	112469
2541978A	111722	2542286	113575	2542398	112648	2542490A	112469
2541980	112199	2542286A	113575	2542398B	112648	2542491	113246
2541980A	112199	2542291	111967	2542399	113404	2542491A	113246
2541980B	112199	2542291A	111967	2542399B	113404	2542494	114722
2541982	112679	2542294	113406	2542400	113404	2542494A	114722
2541982A	112679	2542294A	113406	2542402	113510	2542495	112458
2541982C	112679	2542295	113283	2542402B	113510	2542495A	112458
2541992	111369	2542295A	113283	2542411	115711	2542496	113252
2541992B	111369	2542297	112469	2542411A	115711	2542496B	113252
2541997	112273	2542297A	112469	2542411B	115711	2542496C	113252
2541998	112274	2542297B	112469	2542412	111967	2542497	113510
2541999	111722	2542300	113961	2542412A	111967	2542497A	113510
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2542225A	112399	2542305	112648	2542412C	111967	2542497C	113510
2542225B	112399	2542307	113404	2542413	111943	2542500	112461
2542228	112460	2542312	114680	2542413A	111943	2542500A	112461
2542228A	112460	2542312A	114680	2542413C	111943	2542500A	112461
2542228B	112460	2542315	111719	2542414	111943	2542500A	112461
2542228C	112460	2542315A	111719	2542414A	111943	2542507	112397
2542231	111722	2542317	113300	2542415	111720	2542508A	112397
2542232	113882	2542317A	113300	2542415A	111720	2542508C	112397
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2542233A	113751	2542319E	113302	2542418	112299	2542509	116337
2542233C	113751	2542320	113835	2542418A	112299	2542509C	116337
2542234	112397	2542320A	113835	2542420	112144	2542514	111631
2542234A	112397	2542320B	113835	2542420A	112144	2542514A	111631
2542237	112002	2542320C	113835	2542420B	112144	2542515	112413
2542237A	112002	2542324	113751	2542420C	112144	2542515A	112413
2542237D	112002	2542324A	113751	2542422	115549	2542523	113248
2542239	112396	2542324D	113751	2542428	113246	2542523C	113248
2542239B	112396	2542326	112458	2542429	113246	2542523F	113248
2542240	112075	2542326A	113881	2542432	115307	2542524	113251
2542240A	112075	2542326B	112458	2542432B	115307	2542524A	113251
2542240C	112075	2542327	112470	2542433	111720	2542525	113404
2542241	111989	2542327B	112470	2542433A	111720	2542525A	113404
2542241A	111989	2542342	112199	2542441	113247	2542526	115438
2542241B	111989	2542343	113407	2542441A	113247	2542528	113575
2542241C	111989	2542343A	113407	2542441C	113247	2542531	112460
2542241E	111989	2542343B	113407	2542441D	113247	2542538	113407
2542244	113340	2542344	113404	2542458A	116165	2542538A	113407
2542245	112079	2542344A	113404	2542461	112002	2542538C	113407
2542245C	112079	2542345	112535	2542461A	112002	2542540	113403
2542251	112462	2542345C	112535	2542461B	112002	2542540C	113403
2542251A	112462	2542347	111943	2542461C	112002	2542540D	113403
2542251B	112462	2542347A	111943	2542461D	112002	2542543	111990
2542252	113577	2542351	112461	2542464	113403	2542545	113879
2542252A	113577	2542351A	112461	2542464A	113403	2542545A	113879
2542253	113485	2542351B	112461	2542466	112458	2542546	113751
2542254	112688	2542352	112688	2542466A	112458	2542546B	113751
2542254A	112688	2542354	112059	2542466B	112458	2542547	113503
2542255	111318	2542354A	112059	2542466C	112458	2542548	112144
2542256	113604	2542355	111318	2542466D	112458	2542548A	112144
2542260	113887	2542355A	111318	2542470	114673	2542551	112458
2542260A	113887	2542356	113604	2542470D	114673	2542551A	112458
2542262	112772	2542356A	113604	2542470E	114673	2542554	113919
2542262A	112772	2542357	113485	2542470G	114673	2542554D	113919
2542264	112468	2542358	112688	2542472	113755	2542556	112460
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2542264D	112468	2542359	111631	2542473	115711	2542557	113755
2542265	112472	2542363	111722	2542473B	115711	2542557A	113755
2542265A	112472	2542363A	111722	2542475	115833	2542564	112461
2542265B	112472	2542375	112467	2542479	111720	2542564A	112461
2542267	112772	2542376	112688	2542479A	111720	2542565	114128
2542272	112471	2542376A	112688	2542480	113577	2542565A	114128
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
2542571	111989	2542686	112468	2542783D	116038	2542892B	115859
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2542572A	113302	2542687	116172	2542784A	114408	2542898	113992
2542577	113253	2542687A	116172	2542784B	114408	2542916	115919
2542577C	113253	2542689	112229	2542784C	114408	2542920	113405
2542578	113253	2542689A	112229	2542785	114189	2542920A	113405
2542578C	113253	2542689C	112229	2542785A	114189	2542922	113575
2542582	113877	2542691	112059	2542785B	114189	2542922A	113575
2542582A	113877	2542691C	112059	2542793	113575	2542922B	113575
2542582B	113877	2542693	113640	2542793A	113575	2542923	113246
2542587	113510	2542693A	113640	2542794	113246	2542923A	113246
2542587B	113510	2542694	114877	2542794A	113246	2542924	113640
2542602	113407	2542694A	114877	2542797	112472	2542924A	113640
2542602A	113407	2542694B	114877	2542797A	112472	2542925	113755
2542602C	113407	2542695	113992	2542797B	112472	2542925A	113755
2542603	111719	2542695A	113992	2542798	115414	2542926	115531
2542605	113407	2542695B	113992	2542802	113575	2542926A	115531
2542605C	113407	2542695C	113992	2542803	113246	2542927	115531
2542608A	116165	2542695D	113992	2542803A	113246	2542927A	115531
2542609	113871	2542695F	113992	2542812	112468	2542928	113946
2542609A	113871	2542695G	113992	2542812A	112468	2542928A	113946
2542611	113896	2542696	113874	2542813	111720	2542938	113946
2542611	116158	2542696C	113874	2542813A	111720	2542938A	113946
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2542611A	116158	2542704A	113755	2542817	113919	2542945	116048
2542611B	113896	2542705	113948	2542817B	113919	2542945B	113940
2542611B	116158	2542705A	113948	2542818	115310	2542945B	116048
2542613	113896	2542708	113950	2542818D	115310	2542946	113862
2542613	116158	2542708A	113950	2542824	112468	2542948	112079
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2542613C	116158	2542720	114524	2542826	112468	2542949	112002
2542615	113640	2542720	116295	2542826A	112468	2542949A	112002
2542615A	113640	2542720D	114524	2542827	114831	2542952	114130
2542619	113640	2542720D	116295	2542832	113640	2542952	116069
2542619A	113640	2542720J	114524	2542832A	113640	2542952B	114130
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2542650	113887	2542722	113245	2542839A	113948	2542954	114699
2542650A	113887	2542722A	113245	2542841	113720	2542954C	114699
2542653	112471	2542722B	113245	2542841	116064	2542955	115418
2542653A	112471	2542722C	113245	2542841A	113720	2542955A	115418
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2542662B	112468	2542726	115369	2542841B	116064	2542956	114406
2542663	115310	2542729	114451	2542845	114832	2542956A	114406
2542664	113940	2542730	115370	2542845A	114832	2542966	114509
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2542664A	116048	2542736A	115543	2542850	116064	2542966E	114509
2542664B	113940	2542738	116337	2542850A	113720	2542966F	114509
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2542664C	116048	2542739A	114722	2542850C	116064	2542969	116113
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2542664D	116048	2542742	115438	2542851	115963	2542969C	116113
2542669	114080	2542746	113253	2542851A	113722	2542989	114042
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2542670A	113722	2542747	113253	2542851C	113722	2543205	114039
2542670A	115963	2542747A	113253	2542851C	115963	2543205A	114039
2542670B	113722	2542747B	113253	2542852	113881	2543206	114882
2542670B	115963	2542747F	113253	2542852A	113881	2543206C	114882
2542671	113721	2542749	114781	2542855	115766	2543206D	114882
2542671A	113721	2542749A	114781	2542855B	115766	2543207	115419
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2542672	113881	2542749C	114781	2542861	115963	2543210	113946
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2542678	112058	2542753A	113871	2542861A	115963	2543215	112469
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2542680	113882	2542767	111989	2542880	112298	2543221	114189
2542680C	113882	2542769	114720	2542880A	112298	2543221C	114189
2542681	112460	2542770	114757	2542883	113720	2543221D	114189
2542681A	112460	2542770B	114757	2542883	116064	2543222	114385
2542684	112461	2542771	113251	2542884	113722	2543222A	114385
2542684A	112460	2542771B	113251	2542884	115963	2543222B	114385
2542685	113858	2542771D	113251	2542884A	113722	2543236	113881
2542685	115976	2542772	114130	2542884A	115963	2543236A	113881
2542685B	113858	2542772	116069	2542884C	113722	2543236B	113881
2542685B	115976	2542774	114699	2542884C	115963	2543237	112193
2542685C	113858	2542783	116038	2542891	115856	2543237A	112193
2542685C	115976	2542783C	116038	2542892	115859	2543242	116186

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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2543248	116068	2543412	116069	2543554	112199	2606301	114699
2543248A	114102	2543413	113858	2543557	113245	2606301A	114699
2543248A	116068	2543413	115976	2543557A	113245	2606333	113720
2543264	115856	2543413A	113858	2543557B	113245	2606333	116064
2543264A	115856	2543413A	115976	2543558	112471	2606333A	113720
2543264B	115856	2543427	114866	2543558A	112471	2606333A	116064
2543282	113992	2543427A	114866	2543559	114039	2606334	113722
2543289	114042	2543428A	114724	2543559A	114039	2606334	115963
2543289	116113	2543436	116189	2543560	113940	2606436A	115459
2543289A	114042	2543436B	116189	2543560	116048	2606446	115603
2543289A	116113	2543436C	116189	2543561	115766	2606472A	115668
2543290	114835	2543439	115411	2543561A	115766	2606523B	115356
2543290B	114835	2543439B	115411	2543562	113940	2606617	116179
2543291	113861	2543441	113248	2543562	116048	2606617A	116179
2543291C	113861	2543441A	113248	2543562A	113940	2606900	115827
2543292	113858	2543444	115413	2543562A	116048	2607052	115654
2543292	115976	2543444A	115413	2543563	115419	2607208	113405
2543293	114189	2543457	114859	2543563B	115419	2607208A	113405
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2543302	115659	2543461	114292	2543569A	115730	2607210A	113575
2543302A	115659	2543461B	114292	2543569A	115730	2607211	113246
2543304	113896	2543469	115653	2543569B	115730	2607211A	113246
2543304	116158	2543469A	115653	2543570	114130	2607212	113946
2543304A	113896	2543476	115369	2543570	116069	2607212A	114848
2543304A	116158	2543476A	115369	2543570B	114130	2607216	115369
2543306	114720	2543477	113722	2543570B	116069	2607216A	115369
2543306B	114720	2543477	115963	2543570C	114130	2607316A	115587
2543306C	114720	2543477A	113722	2543570C	116069	2607372	115715
2543306D	114720	2543477A	115963	2543570Q	114130	2607395	113862
2543309	115860	2543479	114451	2543570Q	116069	2607395A	113862
2543309C	115860	2543479A	114451	2543576	114848	2607401A	116182
2543309D	115860	2543480	113720	2543576A	114848	2607401C	116182
2543315	115858	2543480	116064	2543590	115653	2607703A	113992
2543315D	115858	2543480A	113720	2543590A	115653	2607732	114859
2543320	111989	2543480A	116064	2543592	116184	2607765A	114884
2543320A	111989	2543481	113720	2543592A	116184	2607928	115603
2543328	111989	2543481	116064	2543597	115857	2608339	114467
2543328B	111989	2543483	115622	2543611	115475	2608426A	115713
2543337	113919	2543483A	115622	2543639	112471	2608426A	116319
2543337A	113919	2543483C	115622	2565994	111686	2608427	115528
2543338	113245	2543484	113721	2565995	111686	2608427A	115528
2543338A	113245	2543484A	113721	2574347	113882	2608669C	115581
2543339	112471	2543488	114293	2605106	114811	2608893	115384
2543339A	112471	2543488A	114293	2605106	116311	2608893A	115384
2543340	113248	2543488B	114293	2605106A	114811	2608993	114042
2543340A	113248	2543492	112460	2605106A	116311	2608993	116113
2543342	115310	2543492A	112460	2605275	114882	2608993A	114042
2543342A	115310	2543493	112461	2605290	114811	2608993A	116113
2543363	114130	2543498	114102	2605290	116311	2609013	115980
2543363	116069	2543498	116068	2605299	116185	2609244	114724
2543363A	114130	2543498A	114102	2605299A	116185	2609674	116191
2543363A	116069	2543498A	116068	2605326A	116180	2609780	115692
2543366	114673	2543498B	114102	2605328A	115862	2610086A	115529
2543366A	114673	2543498B	116068	2605419B	116066	2610128	116226
2543369	114722	2543508	114406	2605420	115810	2610164	116192
2543370	114495	2543517B	116138	2605420A	115810	2610240	116189
2543370A	114495	2543517C	116138	2605546	115369	2610240A	116189
2543374	114831	2543521	113405	2605546A	115369	2610570A	116022
2543378	113862	2543521A	113405	2605547	115364	2610695A	114805
2543378C	113862	2543522	113946	2605647	114879	2610715B	115604
2543384	112471	2543522A	113946	2605647D	114879	2611067	116191
2543384A	112471	2543523	113575	2605658A	115582	2611257A	115767
2543385	113919	2543524	113946	2605717	114109	2611776A	115827
2543386	113245	2543524A	113946	2605717A	114109	2611839A	115924
2543387	113248	2543526	113640	2605928	114046	2611843A	115437
2543387A	113248	2543526A	113640	2605928A	114046	2612242A	115580
2543388	115857	2543527	113755	2605928F	114046	2612243	115988
2543390	114720	2543530	114879	2606005	115854	2612243A	115988
2543390A	114720	2543538	114082	2606005A	115854	2612249	116178
2543397B	115631	2543538	116043	2606017	115953	2612249A	116178
2543398A	114322	2543538A	114082	2606154	115921	2612249B	116178
2543398B	114322	2543538A	116043	2606219	113863	2612380B	114811
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2543400A	114780	2543539A	114306	2606237	114722	2612673B	114724
2543403B	115960	2543550	113403	2606237A	114722	2612716A	115431
2543403C	115960	2543550A	113403	2606259	115747	2613270	114128
2543406	114876	2543551	115411	2606272	114721	2613270A	114128
2543406	116309	2543552	115310	2606272A	114721	2613777	115654
2543406A	114876	2543552A	115310	2606288	114463	2614016A	115364
2543406A	116309	2543553	115549	2606288A	114463	2614017A	115475

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
2614223A	115631	2940310	112735	432628	111251	433274	110772
2614287	116214	2940310A	112735	432629	112295	433276	110365
2616010	115587	2940311	111094	432634	111025	433276	111585
2616019A	115587	2940311A	111094	432636	111130	433278	110338
2616021B	115587	2940367	111288	432637	112295	433278	110365
2616559	116226	2940371	111154	432643	111422	433278	112295
2616564	115692	2940373	112735	432644	111851	433279	110352
2616741	115715	2940373A	112735	432663	110338	433286	110336
2617194A	114082	2940375	112149	432666	111029	433286	111131
2617194A	116043	2940772	111948	432670	113605	433287	110336
2617195A	114306	2940778	110895	432672	112295	433287	111131
2617345A	113862	2940780	110895	432673	111508	433287	111750
2617585	116192	2940981	111289	432675	111347	433289	110336
2617864A	115713	29409930	110178	432681	113307	433289	110831
2617864A	116319	2941231	111086	432684	112295	433289	111131
2617908A	115475	2941232	111071	432685	114095	433289	111269
2618301	115676	2941253	110877	432726	111082	433292	110459
2618301A	115676	2941253A	110877	432739	111075	433292	110461
2618819	116196	2941814	111479	432772	111153	433292	112251
2619096	116196	2950220	111289	432776	110931	433293	110530
2620359A	114847	2950281	110358	432783	110889	433294	110368
2620361A	114067	2950500	110890	432799	111319	433295	110775
2620379	116022	2950700	111948	432808	111071	433297	111127
2620379A	116022	2960000	111510	432819	110969	433301	110352
2621087A	115364	2960150	110766	432819	111086	433303	110587
2621365	116191	2EA0411	110706	432825	111289	433305	111070
2622650	116214	2EA0436A	110959	432834	110743	433307	111063
2623613A	113722	2EA0467C	110540	432835	111086	433309	110585
2623613A	115963	2EA0501A	111344	432836	111289	433310	112541
2623615A	115384	2EA0550A1	110805	432845	110913	433311	110584
2623616A	115667	2EA0550D3	110806	432854	110358	433311	110640
2624310A	115364	2EA0629	110694	432868	111686	433311	116306
2650767A	115861	310023W	111066	432973	110178	433314	111332
2650799A	114847	310031X	110367	432984	111948	433315	111332
2655010	115853	310058L	110743	432989	112098	433316	110565
2655103	113863	310118Z	110367	433016	110865	433318	110536
2655300	114664	310146G	110585	433043	112149	433318	116139
2655301	114664	310213V	110587	433050	111288	433320	110585
2655447	114467	310221W	110743	433069	111841	433320	111251
2655475	114495	310231Z	110743	433079	111321	433321	111029
2655476	111847	310426	110113	433082	112162	433322	111130
2655516	113652	390086	112657	433085	111036	433322	113443
2655517	113791	425300	114664	433096	112756	433323	111029
2655524	115855	432503	110365	433097	111325	433324	111070
2655544	114827	432510	110585	433115	111035	433325	111025
2655633	115815	432512	111066	433117	110912	433326	111115
2655635	114857	432538	112541	433118	111035	433332	112295
2655721	113331	432546	110587	433138	111093	433333	110365
2655866	115366	432551	111068	433149	112769	433334	111069
2809249	111720	432555	111063	433154	110619	433335	111061
2809249A	111720	432557	110856	433162	112292	433336	111069
2809464	113575	432558	111100	433176	111319	433337	110336
2925330	110891	432561	111070	433190	112299	433340	110867
2926300	111362	432565	110866	433200	111100	433340	112290
2927060	111086	432566	110585	433204	111068	433341	111131
2927070	111289	432567	110819	433205	110587	433344	110839
2927120	110127	432569	111332	433207	111063	433347	111131
2927440	112112	432570	110819	433209	111063	433347	113346
2927750	110048	432571	110819	433215	111115	433351	110743
2927990	110077	432572	111332	433223	110793	433352	110743
2928580	112112	432573	110587	433223	111066	433353	110144
2928610	111948	432575	110584	433231	110793	433353	111075
2929510	111686	432575	116306	433232	111029	433358	111075
2929580	112112	432576	110584	433243	110856	433359	110179
2929780	111289	432576	116306	433244	110367	433364	111076
2937130	110052	432581	110585	433245	110367	433364	112162
2937130A	110052	432582	112295	433245	110866	433368	111071
2937390	110112	432586	111334	433246	110367	433404	110975
2938680	110163	432588	110587	433246	110866	433429	112728
2939210	110112	432590	111251	433247	110367	433440	111082
2939520	112097	432591	110584	433247	110866	433442	111082
2939590	111510	432591	116306	433248	111347	433442	112728
2940275	111071	432598	110584	433248	112295	433453	110889
2940303	111288	432598	116306	433249	110585	433455	111841
2940303A	111288	432606	110865	433256	112541	433457	112162
2940304	112149	432607	110368	433262	111010	433459	111325
2940304A	112149	432614	110585	433264	110865	433459	112756
2940305	112149	432621	110585	433268	110996	433460	113500
2940305A	112149	432622	111251	433269	110363	433461	113500
2940307	111154	432623	110584	433272	111102	433466	111319
2940309	111154	432623	116306	433273	111102	433483	110348

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
433485	110179	436073	110529	436160	111168	436239	111654
433485	110969	436073	110813	436161	110972	436239	111686
433485	111184	436074	110529	436161	111168	436241	110912
433486	112238	436074	110813	436166	110178	436241	111620
433487	112162	436075	112135	436166	110179	436243	111620
434005	110766	436076	110818	436166	110759	436248	111071
434009	112288	436077	110536	436166	110969	436250	111325
434010	112288	436077	116139	436166	111086	436254	113485
434013	113470	436077	116312	436166	111289	436255	112769
434014	111629	436081	110585	436166	111364	436256	111082
434016	111833	436081	111251	436167	110178	436258	110619
434016	116063	436084	110585	436167	110179	436260	112782
434017	112046	436085	111489	436167	110759	436263	110970
434026	111842	436086	110524	436167	110968	436263	111948
434027	111833	436091	113465	436167	111184	436264	110107
434027	116063	436095	111231	436167	111185	436264	111649
434029	113351	436096	113466	436167	111204	436264	111948
434030	113351	436097	111231	436167	111289	436265	110641
434032	113295	436098	111231	436169	110179	436266	111662
434035	111842	436100	110975	436169	111086	436266	112098
434036	113351	436100	111653	436169	111184	436266	116131
436000	110772	436102	111153	436169	111185	436267	110105
436002	111065	436103	112719	436169	111289	436267	111649
436002	112440	436103	116331	436169	111364	436269	111662
436003	111347	436105	110882	436170	111086	436269	112098
436004	110862	436105	110890	436173	111086	436269	116131
436005	110862	436105	111686	436173	111364	436272	112736
436007	112124	436109	110899	436175	110178	436273	111355
436009	110831	436109	111180	436179	110178	436287	110911
436014	111010	436109	116133	436179	110759	436290	111149
436016	110865	436111	110890	436179	110770	436291	112729
436018	110864	436111	110912	436179	111289	436293	110913
436019	111059	436112	110611	436179	111362	436294	110107
436020	111060	436112	110882	436180	111289	436295	111169
436022	111059	436112	110890	436181	110968	436295	112056
436022	111748	436112	110912	436181	111289	436296	111287
436024	110858	436112	112719	436181	111362	436296	111288
436025	111054	436112	112768	436184	111096	436297	111686
436030	112321	436112	116331	436189	110911	436299	111288
436032	112455	436113	110611	436189	110919	436303	112750
436034	110847	436113	110912	436189	110975	436306	111321
436035	110854	436113	111035	436189	111653	436309	111321
436037	110814	436113	111078	436191	110919	436310	111321
436037	111693	436113	112768	436191	111094	436311	111149
436038	111112	436114	111035	436191	112149	436314	112754
436040	112533	436114	111148	436192	112149	436315	110877
436040	113446	436117	111035	436192	112735	436316	111071
436041	110844	436118	111036	436194	110360	436333	112687
436042	111112	436120	110923	436194	110913	436336	112230
436042	111120	436120	111093	436196	110913	436338	112230
436043	112537	436121	110358	436197	110913	436338	112292
436044	110522	436121	111146	436199	110911	436339	112230
436044	113134	436121	112098	436199	111094	436340	112298
436045	113846	436126	111093	436199	113758	436340	114026
436047	115540	436127	111649	436208	110975	436347	110163
436048	111694	436127	112098	436208	111653	436348	111331
436049	111619	436130	110877	436208	113758	436349	110889
436051	112295	436130	112310	436211	111139	436352	110163
436052	110354	436131	110877	436211	113611	436355	111834
436052	110441	436137	110911	436212	111139	436360	110889
436052	112439	436137	110975	436215	110360	436363	111352
436053	110394	436140	110178	436215	110913	436364	111352
436055	110368	436140	110968	436215	111287	436366	112299
436056	111123	436140	111185	436220	110919	436376	112183
436056	111127	436140	111204	436223	111364	436378	111397
436058	110585	436140	111834	436225	111287	436380	112800
436058	113481	436140	113378	436228	111094	436385	112687
436059	110585	436144	110968	436228	111154	436389	112750
436059	113481	436144	111184	436228	112149	436392	111364
436060	111251	436144	111185	436230	111036	436393	111631
436060	115442	436144	113378	436235	110882	436394	111987
436061	112541	436145	111289	436235	111148	436395	111987
436062	110584	436146	110358	436236	111035	436400	111154
436062	116306	436148	110972	436236	111148	436400	111288
436064	110587	436148	111168	436237	110882	436412	111834
436064	111130	436149	111086	436237	110890	436414	112098
436065	111130	436149	112056	436237	111078	436416	111419
436070	111755	436150	113376	436237	111418	436416	112097
436072	110442	436153	110077	436237	111686	436417	111419
436072	110565	436153	111767	436237	115873	436417	111987
436072	112660	436157	112056	436239	111620	436418	112747

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
436419	110766	436525	110374	436680	111886	437178	113751
436420	110766	436526	110138	436680	112076	437180	111831
436421	110116	436527	111264	436683	111426	437184	112458
436422	110113	436528	110631	436683	111732	437185	113404
436422	110895	436529	110631	436684	112229	437186	113404
436422	111146	436530	112270	436687	111289	437188	113882
436423	110895	436531	110969	436687	111362	437190	112648
436424	110113	436534	110138	436689	112780	437192	113405
436424	110895	436534	110258	436692	110770	437193	112469
436425	111141	436536	111435	436695	113474	437194	113575
436426	111141	436536	111538	436699	111356	437197	112458
436427	110113	436536	111705	436699	111364	437198	111719
436427	110906	436537	110496	436701	112165	437200	112470
436427	113920	436537	110682	436702	112557	437203	111722
436428	110895	436537	111705	436703	111658	437208	112471
436430	111141	436538	110138	436705	112056	437210	112461
436431	110113	436538	110496	436706	111937	437213	111732
436433	112757	436538	110628	436713	111722	437221	114522
436434	111886	436541	110682	436718	112529	437222	113300
436434	112076	436547	111361	436718	116129	437223	113246
436436	111834	436548	110664	436719	111514	437224	113302
436437	110112	436549	110134	436720	111514	437225	112535
436437	112784	436549	110168	436721	112056	437227	112472
436437	113477	436551	110128	436722	111169	437306	112059
436438	111528	436551	110267	436722	112056	437307	114684
436438	111658	436551	110703	436723	111164	437309	113407
436438	113477	436557	110906	436725	111186	437311	112144
436439	111658	436565	111629	436726	110972	437312	113835
436439	112784	436566	111629	436729	112679	437313	113577
436440	112345	436567	112742	436731	112557	437315	112075
436442	111353	436568	110113	436732	111967	437316	111989
436443	111479	436569	111629	436734	111658	437316	115482
436444	111477	436570	111629	436735	111719	437317	112002
436444	111820	436571	110113	436738	111722	437317	115483
436446	111803	436572	110116	436741	111723	437318	115711
436449	111676	436574	112734	436743	112057	437320	115307
436449	113885	436576	112729	436746	111873	437321	115711
436450	111354	436578	111141	436748	112059	437322	112458
436450	112529	436582	111842	436750	112199	437323	113403
436450	116129	436583	112343	436755	110607	437326	115833
436451	111354	436584	111629	436774	110891	437333	110659
436451	111369	436585	113611	436785	111093	437336	111309
436452	111319	436586	110882	437072	111149	437337	113518
436455	111841	436586	111418	437111	111176	437338	111405
436458	111319	436586	115873	437112	111718	437340	112396
436467	112679	436587	112453	437113	111267	437341	112397
436476	112298	436588	111146	437114	111943	437342	113404
436477	112772	436589	113920	437115	112193	437343	113404
436478	112688	436590	112803	437116	112462	437344	113404
436478	112703	436591	112159	437117	112413	437345	112648
436479	111948	436592	110931	437118	112413	437346	111943
436481	111411	436607	113868	437119	112165	437347	112458
436482	111353	436609	110802	437119	113577	437348	112399
436483	111820	436610	110804	437120	111186	437349	113247
436484	111477	436611	111532	437125	111369	437350	114680
436489	112287	436613	112688	437126	112529	437351	113248
436491	112548	436619	111788	437126	116129	437352	111631
436493	113991	436625	111149	437130	112228	437355	113405
436496	111226	436626	112734	437134	111515	437356	113575
436497	111048	436629	111149	437137	112058	437357	112469
436498	110374	436633	112765	437138	113603	437358	113751
436500	110318	436635	112681	437139	112480	437359	113510
436501	110318	436636	111498	437140	111722	437362	112413
436502	110128	436638	113382	437143	110805	437364	116337
436504	110802	436640	111478	437148	110806	437365	113510
436505	110168	436642	111318	437149	110128	437366	111873
436505	110264	436645	111321	437151	110632	437370	111687
436505	110307	436650	111987	437152	111294	437371	110622
436506	110168	436653	112557	437153	110374	437376	113302
436506	110267	436654	113604	437156	110706	437377	113252
436507	110264	436655	111873	437160	112468	437378	113920
436507	112270	436662	112679	437162	110385	437379	111362
436515	110675	436664	110163	437163	110965	437380	111176
436515	110927	436665	111947	437164	112772	437381	111289
436518	110267	436667	111369	437169	112274	437382	111176
436518	110703	436668	113485	437170	112273	437386	113885
436519	111578	436669	112467	437171	112460	437387	112680
436521	111578	436673	111720	437172	113406	437388	113447
436522	110136	436674	111720	437173	113751	437390	111623
436525	110137	436675	111946	437174	112399	437390	115890
436525	110138	436676	111397	437176	113283	437391	111293

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
437392	111988	437504	113722	437653	113489	438035	110206
437393	112199	437504	115963	437656	111828	438037	110209
437394	112056	437507	114408	437659	113298	438038	110512
437395	113340	437509	111518	437660	111883	438039	110980
437396	112075	437510	111756	437663	112693	438040	110981
437399	112273	437512	115652	437664	113832	438041	110210
437400	112079	437513	112043	437665	110496	438042	110213
437400	114789	437514	111579	437666	113350	438043	110532
437401	113887	437516	112557	437667	116343	438045	112119
437404	112274	437520	111517	437669	111689	438047	110212
437405	112765	437522	113442	437670	111413	438051	112116
437406	112468	437523	112746	437672	112190	438053	111619
437409	113246	437524	114757	437674	112418	438054	112218
437410	113407	437526	113992	437675	112194	438060	112235
437413	113879	437527	115919	437680	111578	438061	112340
437414	111990	437528	115414	437681	111342	438063	112235
437415	113251	437534	113889	437683	111381	438065	112251
437417	113407	437537	115418	437685	111316	438068	114460
437418	113510	437539	114042	437688	112939	438069	111070
437420	113882	437539	116113	437690	113285	438070	112217
437421	112468	437540	112197	437695	111747	438074	113481
437422	112416	437542	114831	437697	111626	438075	112286
437423	113245	437543	115531	437698	111779	438076	111900
437426	114080	437545	114130	437700	110706	438077	113387
437427	112325	437545	116069	437701	112196	438079	111931
437428	113403	437546	112415	437701	115987	438081	115442
437430	113877	437547	111884	437704	111708	438090	112474
437431	113950	437548	111828	437705	111483	438093	111994
437432	114128	437550	113946	437706	112128	438095	112474
437434	113940	437551	113471	437707	111437	438096	112474
437434	116048	437553	115859	437710	112419	438097	110315
437435	113871	437554	115856	437711	112072	438098	110958
437435	115867	437555	116038	437715	111980	438099	113521
437436	113755	437557	114524	437718	110679	438101	112322
437437	113919	437557	116295	437726	111950	438103	111307
437439	115310	437558	113940	437727	111883	438104	110807
437440	112561	437558	116048	437729	111902	438104	110810
437441	113448	437559	113862	437747	111280	438105	110158
437442	112561	437565	111315	437753	111598	438112	113929
437444	113253	437570	111824	437755	112334	438114	110810
437446	112189	437575	113755	437756	112121	438115	110808
437447	112189	437580	111354	437765	111406	438115	112215
437450	113896	437583	113881	437766	111767	438117	110389
437450	116158	437584	113946	437774	112698	438118	110811
437452	113881	437587	112529	437776	111601	438121	111461
437453	115543	437587	116129	437777	110701	438123	110809
437454	113992	437588	111886	437778	111812	438133	113254
437455	114877	437594	112076	437781	111587	438134	112218
437456	114769	437595	112806	437787	111623	438135	115522
437457	113948	437607	115619	437787	111742	438137	113267
437458	113640	437609	112072	437787	115890	438138	111909
437461	113246	437611	115619	437795	112746	438141	111805
437464	112720	437612	113952	437796	111614	438144	113962
437465	113503	437613	111824	437801	111902	438147	113756
437468	116172	437614	111899	437802	112078	438147	116303
437469	115621	437615	111902	437806	111850	438148	112290
437471	113640	437616	111807	437807	111883	438151	114127
437472	113755	437617	111375	437812	110567	438151	116160
437473	113720	437618	111898	437813	111620	438152	112429
437473	116064	437619	112142	437814	111416	438156	114199
437474	113722	437620	112143	437815	111568	438158	112475
437474	115963	437621	113889	437819	112191	438159	111312
437475	113721	437623	111795	437820	111779	438162	114161
437476	111746	437625	112197	437822	112332	438163	113932
437477	111820	437626	112428	437825	112021	438165	113926
437481	113280	437627	111317	437828	113498	438166	113933
437483	112406	437632	110967	437834	111850	438167	115744
437485	112407	437633	111779	437849	112194	438168	113719
437486	113289	437634	112151	437851	111802	438168	115869
437488	115853	437636	113486	437860	110697	438170	112475
437489	111890	437638	111279	437861	110694	438171	114163
437491	112530	437640	113296	437876	112093	438172	114034
437492	113770	437641	113832	437877	112086	438173	114176
437496	111514	437642	113889	437881	112228	438174	113773
437497	112271	437643	111518	438010	112224	438175	113842
437499	112529	437644	111756	438015	112217	438176	113841
437499	116129	437646	111225	438017	111307	438177	116046
437501	113317	437648	111237	438024	112214	438178	111690
437502	113874	437649	111824	438027	111931	438183	111123
437503	113720	437650	111384	438030	111070	438184	114171
437503	116064	437652	113939	438031	110205	438186	112053

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
438189	114030	439208	111719	439450	113407	439619	116068
438190	115947	439223	111873	439451	113253	439620	114859
438193	113926	439226	112199	439453	113879	439621	115860
438198	111849	439230	111718	439454	111990	439624	116186
438201	115974	439231	111631	439455	113251	439628	115920
438212	114029	439232	111943	439457	112229	439630	114082
438215	112440	439233	114084	439458	111293	439630	116043
438219	115611	439234	112193	439459	113881	439631	114306
438220	115839	439235	112462	439460	113510	439637	115854
438221	111906	439236	112413	439461	113887	439638	113134
438222	113905	439240	110889	439463	112468	439640	116189
438224	113897	439241	113920	439464	113245	439641	115582
438225	114299	439243	111075	439469	114080	439642	114322
438225	114299	439244	111369	439471	113877	439643	114780
438227	115376	439245	112529	439472	113950	439648	116066
438228	115685	439245	116129	439473	114128	439651	113657
438230	115769	439248	112480	439475	113940	439654	115622
438232	115948	439252	112468	439475	116048	439656	115953
438235	112116	439255	112419	439478	113919	439658	115913
438240	114878	439258	113406	439481	113253	439661	114879
438241	114872	439261	112399	439485	113896	439662	115921
438241	115875	439263	113283	439485	116158	439664	113992
438242	113609	439265	113751	439487	113881	439667	114109
438250	114073	439268	113404	439488	115543	439668	115960
438252	115634	439270	112688	439489	113992	439669	111988
438254	115336	439271	113882	439490	114877	439670	116138
438256	115949	439275	113405	439493	113640	439671	116185
438257	115402	439282	111719	439495	113405	439677	114463
438258	115610	439284	112470	439498	116172	439678	115810
438262	115612	439287	111722	439500	115621	439683	115587
438263	114074	439292	112471	439502	113640	439687	116179
438266	115741	439294	112461	439503	113755	439691	113405
438269	115829	439296	113300	439504	113720	439692	113575
438270	113843	439298	113302	439504	116064	439693	113246
438272	115574	439299	112535	439505	113722	439695	113246
438274	115745	439301	112472	439505	115963	439696	113755
438298	115555	439302	112059	439506	113721	439705	113720
438299	116316	439305	113407	439511	113874	439705	116064
438303	115769	439306	112144	439523	113720	439706	115668
438315	114074	439307	113835	439523	116064	439707	115384
438322	111552	439308	113577	439524	113722	439709	115581
438334	115448	439310	112075	439524	115963	439718	115713
438336	113254	439311	111989	439525	113317	439718	116319
438337	113719	439312	112002	439529	112043	439720	115528
438337	115869	439318	115711	439530	112529	439721	115713
438338	113897	439319	112458	439530	116129	439721	116319
439000	111352	439322	115833	439531	113442	439723	115834
439001	111353	439326	112002	439533	114757	439727	114757
439002	111479	439327	112396	439535	115919	439728	115659
439003	111477	439328	112397	439536	115414	439738	115437
439007	111946	439330	113404	439540	112197	439744	114042
439023	112298	439331	113404	439550	115531	439744	116113
439024	112772	439333	111943	439552	114130	439746	115988
439025	112703	439338	112399	439552	116069	439752	115707
439030	111411	439339	113247	439553	113946	439759	115604
439034	113471	439341	113248	439554	115414	439767	114128
439038	112800	439343	110659	439555	112194	439768	115767
439039	112287	439346	111309	439556	115859	439769	115924
439045	111082	439384	113518	439557	115856	439776	114780
439053	113868	439385	111405	439558	116038	439777	114699
439054	111532	439391	113751	439560	114524	439779	115475
439056	112688	439392	113510	439560	116295	439780	115667
439062	111788	439395	116337	439573	112469	439790	116182
439064	112681	439397	111873	439575	114673	439791	115826
439065	111498	439398	112193	439577	115857	439803	116178
439069	111478	439404	110706	439578	115766	439806	115922
439079	111987	439407	111240	439579	114832	439821	115916
439083	113604	439410	111406	439580	113861	439822	114722
439093	111947	439415	110804	439581	115858	439836	115676
439095	111369	439420	113302	439584	113862	439837	115713
439101	114077	439427	111426	439587	114039	439837	116319
439103	112467	439429	113403	439591	115411	439881	113768
439181	111397	439430	112199	439594	111732	439882	113763
439182	111937	439431	112144	439595	114293	439902	114046
439184	114084	439435	113503	439596	115653	439906	114724
439185	111397	439437	112075	439601	115923	439910	115459
439189	110052	439440	112273	439605	114385	439913	114805
439190	112548	439441	112079	439608	115730	439926	114724
439192	113991	439442	113887	439609	115912	439948	115919
439206	111946	439445	112274	439613	114292	439955	113967
439206	111967	439446	112468	439619	114102	439961	114847

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
439970	111991	440224	113708	440647	115304	455529	110524
439987	114513	440226	112144	440650	113941	455530	110206
440001	113942	440228	113888	440651	114121	455530	110210
440008	116343	440234	112457	440652	113956	455531	110206
440017	112469	440236	114673	440654	113352	455532	111640
440024	112698	440238	114876	440655	113336	455533	110527
440026	112272	440238	116309	440656	113772	455534	110214
440028	114673	440239	115622	440657	114431	455535	110212
440034	114509	440240	115730	440658	113945	455536	110520
440035	115857	440242	115953	440659	113771	455536	114047
440036	115766	440244	115913	440665	113710	455537	111047
440037	114832	440246	114879	440665	116124	455538	110980
440038	113861	440247	115921	440666	112415	455539	110207
440039	115858	440249	113992	440667	111991	455540	110207
440044	113836	440253	114109	440690	113884	455541	112119
440051	112165	440254	112729	440691	115546	455542	110981
440056	113862	440255	115960	440697	115919	455543	110205
440057	114102	440256	116138	440702	113405	455544	110205
440057	116068	440257	116185	440704	113279	455546	110209
440058	110631	440262	114463	440705	114705	455548	111059
440059	114039	440263	115810	440706	114829	455548	111748
440061	114122	440272	116179	440707	114512	455549	111063
440062	112144	440275	115475	440718	114826	455550	112295
440063	115659	440279	113946	440748	114322	455553	111422
440064	113858	440290	115791	442032	113510	455554	111065
440064	115976	440296	113720	442042	113575	455554	112440
440065	115411	440296	116064	442123	114467	455555	110157
440067	114122	440297	115668	442274	114179	455555	110158
440068	114882	440298	115384	442275	115394	455555	110315
440068	115653	440300	115581	442276	112821	455560	111312
440069	110891	440308	115713	446500	114760	455561	110157
440074	114293	440308	116319	446502	111906	455561	110158
440092	115653	440310	115528	446503	113905	455561	110315
440097	115923	440313	115834	446506	115361	455562	110158
440099	111518	440315	115547	446507	115426	455562	110315
440102	113035	440324	115529	446509	114163	455562	110479
440103	113657	440335	115580	446510	114034	455564	110142
440104	113657	440336	115988	446512	113897	455565	110144
440105	113440	440342	115707	446516	114204	455566	110277
440108	114385	440343	115730	446517	113960	455567	110575
440112	111240	440348	113922	446750	115827	455568	110278
440116	113697	440351	115604	446768	114298	455569	110279
440118	112328	440353	116022	448054	112218	455569	110280
440119	113328	440358	115356	448069	111070	455569	111312
440120	113785	440360	115924	448075	111060	455570	110280
440121	112328	440408	115631	448152	112429	455571	111558
440122	114114	440411	113849	448176	113841	455573	110249
440124	115912	440412	115667	448261	113515	455574	110386
440129	114036	440413	115910	448269	115829	455574	110719
440129	116116	440421	114898	448271	115839	455578	110249
440131	111569	440426	115582	455022	111131	455578	111442
440134	112097	440428	115826	455502	111231	455581	111608
440176	114102	440444	113955	455504	110512	455582	110149
440176	116068	440448	114859	455505	110512	455582	110808
440177	114859	440453	115905	455506	110149	455583	111303
440179	115860	440457	116178	455507	113269	455585	110152
440183	114292	440460	115922	455508	113134	455585	110154
440184	116186	440475	115916	455509	111231	455588	110249
440187	116184	440476	114064	455511	111025	455589	111442
440188	115920	440477	115365	455512	110587	455592	110389
440191	112142	440478	114724	455512	111070	455593	110807
440192	113709	440479	115417	455512	111130	455593	110810
440193	113710	440480	115544	455512	113443	455595	110708
440193	116124	440481	115847	455514	111070	455595	111387
440194	111623	440482	115434	455514	114460	455596	111564
440194	115890	440491	115620	455516	110523	455603	111564
440196	111797	440510	114115	455516	113464	455604	110260
440197	114082	440517	113972	455517	110517	455604	111544
440197	116043	440541	115548	455517	110521	455605	110389
440198	114306	440561	115676	455518	110518	455606	110149
440204	115854	440566	113883	455519	113464	455606	110808
440206	116189	440576	114724	455520	110517	455606	112215
440207	115582	440588	114805	455521	110520	455607	110158
440208	114322	440612	113958	455522	110582	455607	110315
440209	114780	440616	114067	455523	110213	455607	110479
440212	113837	440618	116180	455524	110532	455609	110149
440218	116066	440620	114847	455526	110209	455609	110808
440220	112414	440621	115583	455526	111421	455609	111310
440221	112414	440621	116183	455526	116327	455611	110152
440222	113599	440624	115861	455527	110525	455612	110397
440223	112202	440626	115862	455528	110524	455614	111637

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
455615	110512	455894	111680	458161	110574	458336	111640
455616	110535	455895	112251	458161	111805	458340	110208
455617	116040	455896	112290	458162	113962	458341	111399
455618	110524	455897	111865	458165	113756	458342	112581
455621	110525	455899	112053	458165	116303	458351	114029
455622	113468	455900	112053	458166	114127	458366	113930
455623	110206	455901	110394	458166	116160	458370	111906
455624	113389	455902	111385	458167	112429	458371	112821
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455671	111911	455915	110810	458184	111848	458389	114299
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455672	111749	455918	111552	458186	115744	458390	113841
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455674	111851	455922	110152	458188	111123	458392	115685
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455677	112172	455924	111984	458190	112818	458397	115948
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455686	110842	455927	111900	458192	111996	458412	115634
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455716	112214	455943	112295	458216	113773	458466	113701
455717	111442	455945	110587	458217	113842	458467	111823
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455723	114100	455950	115442	458222	110847	458473	112553
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455724	112235	455955	110584	458225	116046	458483	111459
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455728	112307	455959	112474	458230	111420	458486	112436
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455739	111307	455964	110958	458249	113926	458501	112103
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455748	110584	455974	112218	458269	113759	458512	114123
455748	116306	455976	113929	458280	112441	458514	112006
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455886	111136	458027	110713	458319	111310	458533	111544
455886	111534	458041	113387	458320	113314	458535	115942
455887	111534	458116	111906	458322	111552	458537	111023
455889	113446	458117	111906	458323	111552	458538	112430
455889	115506	458118	112290	458324	113329	458545	113745
455890	112235	458156	113451	458326	111970	458545	113745
455891	112340	458159	113267	458329	113760	458546	110811
455892	111374	458160	111909	458334	112823	458547	112083
455893	112235	458160	112005		115872	458552	112236

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
458553	111382	600010	113330	726056	110584	746027	113940
458555	112434	600011	111565	726057	112533	746027	116048
458556	112454	600012	112333	726058	113134	746029	112728
458558	111349	600017	113791	726060	111534	746030	112769
458564	111848	600018	113519	726061	112474	746031	110619
458565	113936	600024	113331	726062	113254	746032	113640
458566	111865	600027	113652	726063	113267	746033	112121
458573	111492	600028	113791	726064	113932	746034	112151
458577	112300	600029	113791	726065	113933	746035	110891
458579	111565	600032	110805	726066	111025	746036	112703
458580	111874	600034	111406	726067	111347	746038	113603
458584	111525	600041	110804	726068	112295	746041	112782
458585	112379	600044	111309	726068	113481	746042	111989
458585	114321	600046	113792	726069	111029	746042	115482
458586	112438	600049	113331	726070	110839	746043	113948
458587	111679	600052	111279	726071	111374	746044	111947
458590	111785	600054	112128	726072	111347	746047	112230
458599	110411	600055	111238	726073	115442	746049	111186
458607	113928	600058	110808	726074	110584	746051	112299
458612	112301	600059	110807	726076	112322	746053	111352
458621	110260	600062	113638	726077	112474	746055	110923
458623	110396	600070	113638	726079	113962	746056	111411
458629	111561	600072	111476	726080	114127	746057	111353
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458674	115637	600076	111241	726083	113926	746059	112648
458689	113964	600077	113937	726084	111849	746060	111532
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458713	115769	600081	113445	726087	113842	746062	112458
458728	114124	600083	112322	726088	113841	746063	113376
458729	115312	600087	111710	726089	112431	746064	111687
458730	113678	600089	111710	726092	114126	746065	111477
458731	114062	600091	111786	726094	113329	746066	111479
458732	113303	600092	113129	726098	113515	746067	112681
458738	114074	600093	115855	726101	112821	746068	113471
458743	113702	600096	114114	726102	111476	746069	111036
458748	115405	626614	112290	726107	110461	746070	113575
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495108	114123	726002	111123	726112	112172	746083	111937
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510372	110113	726005	111070	726116	111690	746087	113751
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510426	110766	726007	112320	726118	112005	746091	113248
510803	110127	726008	111851	726119	113927	746092	112469
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523159	111141	726018	113387	726129	112218	746101	111890
523161	110895	726019	111900	726809	113481	746102	113722
523161	111146	726020	111422	726824	112218	746103	112144
534054A	110584	726021	112053	746000	112461	746106	112800
534054A	116306	726022	111994	746001	112471	746107	112679
534054D	110584	726023	113750	746003	111426	746108	111361
534054D	116306	726024	112218	746005	112292	746111	111967
534054M	110584	726025	113929	746006	113485	746112	112057
534054M	116306	726026	111748	746007	112271	746114	112462
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592601	113477	726035	110585	746014	112460	746121	113407
592772	111397	726036	112307	746015	112480	746122	112075
592776	111658	726039	113719	746016	112287	746123	111943
592798	110759	726039	115869	746017	112416	746124	112193
594082	113307	726040	111680	746018	113405	746125	113252
594085	111015	726041	111123	746020	112079	746126	112680
594091	113307	726042	112440	746021	112688	746127	113340
594094	111231	726043	113430	746022	112162	746128	112273
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600003	111339	726051	111063	746025	112002	746132	113253
600005	113331	726054	110367	746025	115483	746133	113877
600006	113519	726055	110587	746026	111718	746134	113253

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
746135	113896	99680X	110587	A13E1	111036	A13N35M	111397
746136	113881	9AR2518	110913	A13E23	110912	A13N38	111075
746138	112720	9AR2566	111948	A13E25	111035	A13N3M	110048
746139	113755	9AR2596	110911	A13E26	111035	A13N43	111075
746140	113722	9AR2621	110911	A13E41	111288	A13N4T	110163
746142	111369	9AR2699	110968	A13E43	111154	A13N52	111226
746143	110631	9AR2708	111653	A13E45	111094	A13N56M	110163
746144	111756	9AR2725	110107	A13E58	111154	A13N57M	110048
746146	114720	9AR2786	111948	A13E63	113471	A13N5T	110163
746148	113946	9AR3855	111510	A13E68	111148	A13N80	111153
746149	113881	A0002607372	115715	A13N104	112728	A13N94	111075
746153	113754	A0002609674	116191	A13N11	111834	A13N95	111076
746155	112939	A0002610128	116226	A13N110	111082	A13R182	110801
746159	114463	A0002610164	116192	A13N121	111082	A13R192	111153
746161	113657	A0002611067	116191	A13N129	111841	A13V02	111093
746162	114114	A0002614287	116214	A13N130	112754	A13V05	110923
746164	112144	A0002616559	116226	A13N133	111321	A13V07	111093
746165	112457	A0002619096	116196	A13N140	110163	A13V100	111369
746166	114673	A0002621365	116191	A13N140T	110163	A13V101	113604
746167	111319	A0002622650	116214	A13N147	111397	A13V102	111318
746171	111169	A0002655009	112327	A13N147M	111397	A13V114	111820
746172	112769	A0002655010	115853	A13N148M	111397	A13V118	112557
746173	110770	A0002655023	113657	A13N149M	111397	A13V119	111873
746174	112165	A0002655103	113863	A13N151	112162	A13V121	111477
746175	112056	A000265516	113652	A13N157	112756	A13V123	111479
746176	111873	A0002655221	113317	A13N158	111325	A13V124	111477
746177	111309	A0002655300	114664	A13N161	112769	A13V126	111676
746178	111405	A0002655301	114664	A13N163	113500	A13V13	111319
746180	113913	A0002655475	114495	A13N164	113500	A13V130	111947
746182	112325	A0002655516	113652	A13N165	112183	A13V134	112529
746185	113770	A0002655524	115855	A13N166	110906	A13V134	116129
746186	113879	A0002655635	114857	A13N167	112162	A13V135	111369
746188	111884	A000A003	110659	A13N175	111841	A13V138	111478
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746193	113285	A000A0063	111929	A13N177	112162	A13V150	111947
746196	113913	A000B015	110699	A13N178	111321	A13V152	112557
746197	112079	A000B016	110706	A13N181	111076	A13V153	112679
746198	112002	A000B0301	110802	A13N182	112162	A13V156	111478
746199	112165	A000B0331	110959	A13N183	112162	A13V160	111873
747000	113403	A000B0341	113633	A13N186M	111397	A13V164	112679
747001	113404	A000B0391	111309	A13N190	114077	A13V167	112679
747002	113403	A000B0431	110540	A13N1M	111397	A13V169	111369
747003	113405	A000B0441	110804	A13N2	111397	A13V170	111369
747004	111318	A0B09601	110540	A13N206	112769	A13V175	112529
747005	113604	A11M11	110743	A13N209	112769	A13V175	116129
747006	113862	A11M12	110743	A13N214	111168	A13V176	111369
747007	112679	A11M4	110743	A13N215	111841	A13V178	111967
75653A	110367	A11M5	110743	A13N216	112754	A13V179	112057
76517	113466	A11M6	110743	A13N218	111076	A13V18	112800
817031	112194	A11V1102	112648	A13N219	112162	A13V182	112079
817077	112010	A11V1104	111722	A13N220	112162	A13V189	112298
817090	112026	A11V1106	113405	A13N229T	110163	A13V190	112413
817091	112046	A11V1108	112648	A13N22T	110163	A13V191	112299
817098	112057	A11V111	110619	A13N23	113920	A13V195	112059
817101	112052	A11V1110	113403	A13N232	111321	A13V197	112529
817102	112053	A11V1111	113577	A13N234	111397	A13V197	116129
817103	112058	A11V121	111352	A13N236	113920	A13V198	111369
817104	112055	A11V122	111352	A13N236M	113920	A13V200	112413
817106	112056	A11V125	112292	A13N240	111076	A13V202	111943
817107	112059	A11V136	111353	A13N241	111321	A13V203	113603
817109	112207	A11V140	112292	A13N255	112183	A13V204	112480
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817209	112005	A11V146	111411	A13N259M	111397	A13V222	111369
817209	112097	A11V151	112292	A13N260	114084	A13V222	111890
817220	112040	A11V155	110619	A13N269	111803	A13V223	112274
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817466	112228	A11V166	111352	A13N271	112548	A13V230	113485
817510	112074	A11V172	112292	A13N272	114077	A13V231	112688
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817517	112035	A11V188	111718	A13N28	111226	A13V233	113604
817517	112162	A11V189	111723	A13N281	111226	A13V234	112472
817518	112041	A11V191	112058	A13N283	110163	A13V236	113575
817521	112014	A11V192	111722	A13N283M	110163	A13V237	111967
817530	112043	A11V194	112199	A13N285	113382	A13V241	113406
817680	112039	A11V195	112273	A13N285M	113382	A13V242	112469
817682	112239	A11V197	111722	A13N289	111321	A13V243	113961
893633	110540	A11V198	113577	A13N291	114084	A13V246	113404
94170X	110367	A11V199	113405	A13N293	111075	A13V252	112458
94612K	111066	A12R56	110743	A13N2M	111397	A13V253	112470
94955E	112651	A13E09	111154	A13N33	110116	A13V254	111719

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
A13VI256	113404	A14N4	110889	AD165206	113343	D13E121TE	111231
A13VI257	111943	A14N44M	111331	AD165309	110806	D13E123	111231
A13VI258	112688	A14N47M	113477	AD165320	111929	D13E1231TE	111231
A13VI259	112059	A14N55	111071	AD165320Q	111929	D13E123T	111231
A13VI260	113485	A14N73	111319	AD165321	111929	D13E123TE	111231
A13VI261	112688	A14N75	111319	AD165321Q	111929	D13E63	110512
A13VI262	111318	A14N81M	113477	AD165439	113343	D13E63T	110512
A13VI263	113604	A14R26	111071	AD165440	113343	D13E69	110512
A13VI27	112782	A14R28	111071	AD165444	113343	D13E69T	110512
A13VI273	112467	A14S054	112468	AD165454	113343	D13E81	110512
A13VI274	112688	A14S055	112468	AD165471	113343	D13E81T	110512
A13VI276	113575	A14VI10	112772	AD225412	111344	D13HP601	112224
A13VI277	112469	A14VI13	112703	AF111225	113331	D13HP613	114100
A13VI278	113404	A14VI19	111720	AF111364	112333	D13HP613	115893
A13VI279	113404	A14VI20	111720	AF111382	113792	D13HP703	111231
A13VI280	112298	A14VI22	112193	AF111390	113331	D13HP705	111231
A13VI281	112299	A14VI27	112460	AF111393	113792	D13HP709	114100
A13VI282	113246	A14VI28	112462	AF175207	113519	D13HP709	115893
A13VI283	113246	A14VI29	112468	AF175353	115937	D6G1	113719
A13VI284	115833	A14VI30	112772	AF175362	113519	D6G1	115869
A13VI285	112458	A14VI31	112772	AF175363	113330	D6G2	116046
A13VI286	112413	A14VI34	113407	AF175385	113519	D6G3	110584
A13VI288	113404	A14VI35	112461	AF175476	113330	D6G3	116306
A13VI289	112458	A14VI36	113510	AF185452	112334	D6G32	113719
A13VI292	111719	A14VI37	114684	AF190216	113519	D6G32	115869
A13VI300	112059	A14VI40	113755	AF190217	113519	D6G321	113719
A13VI31	114026	A14VI41	112461	APR140AB	111237	D6G321	115869
A13VI40	111479	A14VI42	112460	APR140AA	110694	D6G33	113843
A13VI41	111477	A14VI45	113407	APR155BA	110706	D6G332	113843
A13VI46	112782	A14VI46	113407	APR165AA	110806	D6G5	111931
A13VI49	112230	A14VI47	113407	APR225AA	111344	D6GS11	114163
A13VI54	112687	A14VI48	113640	AR150BA	110959	D6GS11M	114163
A13VI57	112679	A14VI49	113640	AR150CA	110540	D6GS12	114034
A13VI63	111676	A14VI52	112468	AR150DA	110540	D6GS12M	114034
A13VI71	112299	A14VI53	112468	AR150AA	110959	D6GS13	114176
A13VI72	112681	AB111033	111406	BM51267AR	111929	D6GS13M	114176
A13VI73	111498	AB111057	111406	D10E85	112295	D6GS14	113773
A13VI74	111354	AB111125	116096	D10E92	112295	D6GS14M	113773
A13VI75	111354	AB160108	113518	D10E921	112295	D6GS19	115947
A13VI76	111788	AB165104	114114	D10E922	112295	D6RA10	110584
A13VI78	111946	AB170036	111237	D11E104	113465	D6RA10	116306
A13VI81	112298	AB170066	111807	D11E118	113269	D6RA100	110584
A13VI83	112782	AB170094	111237	D11E119	113465	D6RA100	116306
A13VI84	111532	AB175015	110659	D11E119T	113465	D6RA101	113481
A13VI85	114026	AB175019	111309	D11E120	111332	D6RA104	113481
A13VI87	112230	AB175020	110802	D11E122	113466	D6RA105	113929
A13VI94	112688	AB175036	111237	D11E122T	113466	D6RA107	115354
A13VI95	113485	AB175053	110659	D11E131	111332	D6RA108	114198
A13VI96	112782	AB175054	111309	D11E137	110565	D6RA109	111130
A13VI97	113868	AB175068	111309	D11E141	110439	D6RA11	111404
A13VI99	112529	AB180128	111309	D11E146	113269	D6RA110	113254
A13VI99	116129	AB180140	113656	D11E149	112651	D6RA112	112295
A14N1	111071	AB190025	110804	D11E154	110565	D6RA115	113929
A14N100	113477	AB190058	111405	D11E155	110439	D6RA13	110394
A14N100M	113477	AB190072	110804	D11E158	111332	D6RA132	111123
A14N11	110931	AB190119	110804	D11E15H	110565	D6RA133	111251
A14N112M	113477	AB190147	113657	D11E167	111047	D6RA137	114035
A14N118M	111658	AB1950116	113652	D11E167T	111047	D6RA138	114035
A14N119M	113477	AB1950133	113652	D11E172	112541	D6RA15	111334
A14N137M	113477	AB195116	113652	D11E272	112541	D6RA16	111130
A14N140	111319	AB195126	112327	D11E35	110818	D6RA161	111130
A14N141M	111658	AB195133	113652	D11E59	110818	D6RA162	111123
A14N144	110889	AB195141	113517	D11E73	110818	D6RA163	111123
A14N163	110889	AC155513	110540	D11E75	114265	D6RA167	112217
A14N182	111987	AC155515	110540	D11E78	110818	D6RA168	111347
A14N183	111631	AC155602	110959	D11E84	110439	D6RA17	114719
A14N183M	111631	AC155603	110959	D11E93	113269	D6RA18	111130
A14N185	111987	AC155604	110959	D11E99	113466	D6RA187	114035
A14N186	111987	AC155616	111710	D13E101	110205	D6RA188	114035
A14N187	111987	AC155907	110540	D13E101TE	110205	D6RA19	113307
A14N188	111987	AC165531	111929	D13E107	111231	D6RA190	113443
A14N189	111987	AC165610	111710	D13E107TE	111231	D6RA20	110584
A14N190	111987	AC165616	111710	D13E110	111231	D6RA20	116306
A14N2	111071	AC165617	111710	D13E110TE	111231	D6RA21	113974
A14N200M	111658	AC165618	111710	D13E111	111231	D6RA210	113974
A14N206M	111658	AC730732	115833	D13E111TE	111231	D6RA22	111015
A14N207M	111631	AD150413	110805	D13E117	111231	D6RA23	110587
A14N208M	111631	AD155325	110699	D13E117TE	111231	D6RA249	111123
A14N28T	111331	AD155326	110706	D13E118	111231	D6RA29	113307
A14N3	111331	AD160209	110706	D13E118TE	111231	D6RA293	111123
A14N3T	111331	AD165202	111929	D13E119TE	111231	D6RA30	110365

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
D6RA32	111123	D7E6	112218	D7RSA4	112214	D9E852	111063
D6RA33	111251	D7E7	111994	D7RSA5	112214	D9E9	110793
D6RA34	113307	D7E71	111994	D7RSA7	111442	D9E92	110856
D6RA37	110584	D7E8	111931	D8E104	110793	D9E93	111100
D6RA37	116306	D7ED28	113756	D8E111	110856	D9EP119	110587
D6RA38	111130	D7ED28	116303	D8E116	111100	D9R112	112295
D6RA39	111025	D7ED281	113756	D8E121	110367	D9R116	111047
D6RA40	111404	D7ED281	116303	D8E122	110793	D9R119	111065
D6RA42	110856	D7EP12	111123	D8E124	110793	D9R121	111070
D6RA43	111100	D7ES1	111909	D8E130	110856	D9R141	110368
D6RA431	111100	D7ES5	111909	D8E131	110856	D9R144	111047
D6RA46	111251	D7G11	112475	D8E148	111100	D9R149	112440
D6RA48	111127	D7G18	114878	D8E152	110367	D9R237	110585
D6RA5	110584	D7G22	114878	D8E158	110363	D9R84	111070
D6RA5	116306	D7G26	114030	D8E21	110367	D9R90	111115
D6RA50	113307	D7G3	113933	D8E41	110367	D9R91	110354
D6RA52	111015	D7G4	114127	D8E54	110856	D9RP160	111065
D6RA54	113307	D7G4	116160	D8E60	110367	D9RP256	112295
D6RA55	111335	D7GS10	113841	D8E64	110367	ESW10E40	115555
D6RA56	111251	D7GS17	115744	D8E66	110367	ESW2014	115829
D6RA57	110584	D7GS8	113842	D8E70	110856	ESW20-14	115829
D6RA57	116306	D7GS9	114171	D8E74	110856	ESW2022	116316
D6RA571	110584	D7R1	111029	D8E75	110367	ESW20E11	116316
D6RA571	116306	D7R11	111029	D8E76	110793	ESW20E26	115829
D6RA572	110584	D7R12	111070	D8E81	110367	ESW20ER121	115336
D6RA572	116306	D7R127	111070	D8E86	110856	ESW20ER123	115402
D6RA59	111422	D7R13	112295	D8E96	110793	ESW20ER123HE	115402
D6RA6	111251	D7R14	113478	D8E99	111100	ESW20ER20	115610
D6RA61	111251	D7R15	111029	D8R1	114161	ESW20ER20B	115610
D6RA62	111123	D7R151	111029	D8R27	113926	ESW20ER25	115539
D6RA63	113605	D7R18	112295	D8R28	114854	ESW20ER25	116156
D6RA66	111130	D7R19	111851	D8R29	113926	ESW20ER25HE	115539
D6RA661	111130	D7R2	114460	D8R49	115974	ESW20ER25HE	116156
D6RA67	112217	D7R20	111070	D9E107	110336	FG15C189	115364
D6RA68	111347	D7R24	114460	D9E12	110367	FG15S034	115747
D6RA7	111334	D7R25	112295	D9E127	110338	FG15T030	115356
D6RA70	115354	D7R26	114460	D9E136	110865	FG15T044	115604
D6RA73	111251	D7R27	111070	D9E137	110585	FG15T050	116178
D6RA75	111335	D7R28	111851	D9E138	110585	FG15T056	115431
D6RA76	111508	D7R281	112440	D9E140	111059	FG15T072	115604
D6RA78	111307	D7R3	111029	D9E167	110336	FG18S011	115960
D6RA8	111130	D7R32	111070	D9E20	110367	FG18S012	114876
D6RA80	112217	D7R33	111694	D9E22	110367	FG18S012	116309
D6RA83	111931	D7R34	112475	D9E237	110585	FG18S017	114859
D6RA91	115554	D7R35	112295	D9E238	110585	FG18S019	114292
D6RA92	111848	D7R4	114460	D9E27	110793	FG18S022	114082
D6RA93	111123	D7R41	113134	D9E276	110585	FG18S022	116043
D6RAD183	114525	D7R42	111619	D9E278	110866	FG18S023	114306
D6RADP359	114525	D7R43	111851	D9E34	110367	FG18S027	115475
D6RAP229	111931	D7R44	112474	D9E36	111066	FG18S048	114859
D6RAP404	115354	D7R45	111029	D9E39	110585	FG18S052	115581
D7E1	111641	D7R46	111851	D9E46	110866	FG18S056	114042
D7E15	115442	D7R47	112474	D9E48	110587	FG18S056	116113
D7E16	110584	D7R48	112474	D9E49	110587	FG18S077	115437
D7E16	116306	D7R49	112474	D9E50	113307	FG18S078	115924
D7E18	111931	D7R5	112295	D9E51	111398	FG18S083	115580
D7E19	112218	D7R51	115403	D9E52	110585	FG18S095	115475
D7E2	110584	D7R53	112475	D9E53	111068	FG18S098	114876
D7E2	116306	D7R56	112475	D9E54	111066	FG18S098	116309
D7E20	115442	D7R57	112053	D9E55	110866	FG18S108	114082
D7E22	112218	D7R61	111996	D9E61	111066	FG18S108	116043
D7E23	110584	D7R64	112290	D9E62	111066	FG18S109	114306
D7E23	116306	D7R70	112251	D9E64	111068	FG18S130	115676
D7E25	110584	D7R71	113959	D9E68	110866	FG18T033	114109
D7E25	116306	D7R8	111070	D9E70	111063	FG18T042	116179
D7E26	112218	D7RP123	112440	D9E701	111063	FG18T051	115713
D7E27	113932	D7RP204	112475	D9E702	111063	FG18T051	116319
D7E29	115522	D7RS1	111442	D9E72	110585	FG18T062	114697
D7E30	114199	D7RS129	112286	D9E75	111068	FG18T102	114697
D7E31	113267	D7RS130	116440	D9E76	110585	FG18T112	115475
D7E32	114199	D7RS131	113387	D9E761	110585	FG18T115	114697
D7E38	111931	D7RS150	112429	D9E77	110585	FG18T116	114697
D7E39	114095	D7RS29	112286	D9E771	110585	FG18T119	115713
D7E4	111931	D7RS30	111900	D9E772	110585	FG18T119	116319
D7E40	114199	D7RS301	111900	D9E773	110585	FG23S011	116138
D7E41	113267	D7RS31	113387	D9E774	110585	FG23S022	115582
D7E42	114199	D7RS50	112429	D9E776	110585	FG23S063	115582
D7E47	113932	D7RS7	111442	D9E78	110866	FGN18S012	114876
D7E5	110584	D7RSA10	112214	D9E79	110866	FGN18S012	116309
D7E5	116306	D7RSA11	112214	D9E85	111063	FGN18S052	115581
D7E52	113962	D7RSA2	111442	D9E851	111063	FGN18S077	115437

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FGN18S083	115580	M56290	112322	NA360	110163	ND049	110856
FGN18S095	115475	M60062	113521	NA361	110163	ND050	111100
FGN18S130	115676	M60081	113638	NA363	113477	ND053	111070
FS10E10	115685	M60082	113521	NA365	110895	ND055	111115
FS10E3	113932	M62957	113020	NA371	110895	ND057	110367
FS10M3	115426	MC107012	110479	NA374	112756	ND057	110866
FS60PR006	113609	MC107023	110479	NA380	111035	ND058	110585
FS60PR019	113934	MC108024	110808	NA386	111419	ND059	111025
FS60PR020	114073	MC108027	110807	NA387	111397	ND061	110336
FS60PR110	111231	MC108029	110808	NA388	111397	ND068	110367
FS60PR171	112116	MC108030	110807	NA391	111325	ND068	110866
FS60PR172	114872	MC109011	110807	NA392	113500	ND069	111063
FS60PR172	115875	MC109015	114885	NA398	111319	ND073	110585
HD90S010	111720	MC109018	110315	NA408	112769	ND074	112295
HD90S011	111720	MC109021	110808	NA423	112230	ND076	113466
HD90S013	111720	MC109025	110315	NA433	112292	ND078	110354
HD90S013ZD	111720	MC109028	110808	NA435	111718	ND079	110439
HD90S014	111720	MC109032	110958	NA436	111803	ND086	112541
HD90S014ZD	111720	MC109036	110808	NA437	111479	ND091	110338
HD90S016ZD	111720	MC109039	110808	NA438	111477	ND108	110584
HD90S017ZD	111720	MC109046	110808	NA440	111676	ND108	116306
HD90S019ZD	111720	MF250671	113676	NA442	112299	ND110	110584
HD90S020ZD	111720	MG112014	110811	NA444	112529	ND110	116306
HK988300	111476	MG112022	111241	NA444	116129	ND111	110587
HQ808670	111565	MG117559	110245	NA445	111369	ND111	111130
JM000A15001	114821	MG120413	110809	NA450	111352	ND113	111334
M000A0171	110807	MG120445	111476	NA454	110619	ND114	110585
M000A01901	110958	MG120558	116112	NA455	111353	ND119	110365
M000A0191	110958	MG120559	110245	NA457	112800	ND121	111251
M000A0240Z	110808	MG120906	110809	NA461	112679	ND122	110394
M000A0241	110808	MG122202	111565	NA465	111653	ND123	111070
M000A025	110809	MG122404	110389	NA466	111411	ND128	111029
M000A026	110576	MG122423	114762	NA467	111498	ND129	111029
M000A0271	112342	MG122433	110809	NA468	112681	ND130	110585
M000A0291	113129	MG232415	110576	NA469	112287	ND131	110584
M000A0301	113456	MG250302	113129	NA477	112298	ND131	116306
M04418	110806	MG250448	115674	NA478	111532	ND134	111123
M04419	111344	MG255301	112342	NA479	112688	ND135	111065
M04501	110576	MN158384	113782	NA480	112772	ND136	111251
M04686	110807	MP112038	110810	NA481	112703	ND137	112295
M11C40	112317	MP112040	110811	NA485	113604	ND138	111070
M24698	113129	MP112041	111241	NA492	111148	ND138	113307
M24798	113129	MP112045	110810	NA494	111987	ND138	114460
M31612	110959	MP112056	111307	NA500	113485	ND139	113307
M32909	110389	N43169	110810	NA503	111478	ND140	111015
M34377	110540	NA014	110969	NA504	111369	ND141	111059
M34466	112342	NA028	111362	NA506	111720	ND145	110585
M35216	114885	NA036	111289	NA509	110163	ND146	111231
M35529	110694	NA058	111948	NA511	111141	ND147	111047
M36336	110808	NA065	111185	NA514	110163	ND148	113307
M36370	110315	NA066	113574	NA518	110113	ND149	111398
M36505	110807	NA117	110743	NA520	111658	ND150	111404
M36709	110706	NA118	111948	NA521	112467	ND152	112295
M36710	110699	NA120	110913	NA524	111723	ND156	111251
M36873	110479	NA122	111653	NA526	113868	ND159	111422
M36881	110659	NA128	110360	NA527	111873	ND160	111347
M36934	111929	NA129	110913	NA528	111947	ND162	111851
M37156	110808	NA135	112097	NA529	111873	ND162	112440
M37208	111309	NA181	112097	NA530	112462	ND163	112295
M37454	110315	NA183	110116	NA531	112413	ND164	113605
M38382	110149	NA201	111154	NA532	112413	ND165	111641
M39376	110958	NA202	111094	NA533	111890	ND169	112295
M39378	110958	NA214	110912	NA534	111967	ND171	111251
M39419	110808	NA216	111686	NA535	111943	ND172	114100
M39589	110802	NA251	110889	NA536	111788	ND172	115893
M39590	113633	NA255	111075	NA541	112557	ND204	111070
M39646	110315	NA256	111076	NA542	112679	ND209	111931
M39882	110804	NA273	111075	NA544	112679	ND211	111029
M40185	110808	NA281	111082	NA549	112057	ND212	110584
M40237	110245	NA284	111180	NA551	112059	ND212	116306
M40472	110959	NA284	116133	NA552	113577	ND216	112218
M40473	110540	NA285	111153	NA553	110889	ND217	111508
M42373	110810	NA287	110931	NA557	112557	RSW20R10	115539
M43005	110811	NA302	111319	ND002	110365	RSW20R10	116156
M43006	111241	NA316	111841	ND011	110793	RSW20R-10	115539
M43007	110811	NA317	112754	ND011	111066	RSW20R-10	116156
M43195	110808	NA335	111036	ND025	112295	RSW20R13	115402
M43196	110808	NA336	112162	ND036	112541	RSW20R-13	115402
M44684	110808	NA337	111331	ND039	110793	S0001201952	116260
M53436	111307	NA345	112162	ND046	111068	S0001250303	114892
M53486	111307	NA346	111321	ND047	111063	S000V1196228	111307

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
S635329A	113934	SG15S017	113755	TA000A33001	112530	TG12C065	116180
SG09B063	113575	SG15S018	112461	TA000A34501	113652	TG12C069	114067
SG10B010	112458	SG15S019	114128	TA000A34801	110802	TG12C076	115862
SG10B012	111426	SG15S021	112460	TA000A35201	111309	TG12C077	115921
SG10B016	115711	SG15S022	112461	TA000A39101	111309	TG12C078	114463
SG10B019	112458	SG15S024	113640	TA000A44301	113517	TG12C079	115459
SG10B020	115711	SG15S025	115369	TA000A48201	113792	TG12C090	115587
SG10B021	112480	SG15S030	112468	TA000A48401	113600	TG12C092	116182
SG10B022	112469	SG15S031	113948	TA000A48402	113600	TG12C094	113862
SG10B023	113246	SG15S032	114680	TA000A52201	111847	TG12C105	116022
SG10B041	111426	SG15S037	114128	TA000A52202	114114	TG12C107	115959
SG10B048	113946	SG7S010	112199	TA000A55401	111515	TG12C110	114757
SG10B071	113529	SG7S012	113403	TA000A55601	113791	TG12C120	114811
SG11B010	114781	SG7S013	112199	TA000A56901	113331	TG12C120	116311
SG12B010	113882	SG7S014	112058	TA000A57301	112333	TG12C122	115459
SG12B011	113751	SG7S015	113405	TA000A57401	113330	TG12C127	115459
SG12B012	112397	SG7S020	113879	TA000A58101	114219	TG12C140	115587
SG12B015	112002	SG7S021	111990	TA000A58201	113343	TG12C141	115587
SG12B017	112471	SG7S024	112058	TA000A58602	113519	TG12C143	115583
SG12B018	113283	SG7S025	112229	TA000A61201	113331	TG12C143	116183
SG12B021	113300	SG7S028	113577	TA000A62401	113792	TG12C145	115459
SG12B023	113302	SG7S070	113403	TA000A64401	113506	TG12C150	114463
SG12B024	113835	SG7S071	112199	TA000B13001	111710	TG12C151	113862
SG12B025	113751	SG7S074	113577	TA000B16701	110664	TG12C170	115438
SG12B027	112535	SG7S099	115827	TA000B28101	111710	TG12C173	114847
SG12B029	112193	SG8B011	112075	TA000B33801	110802	TG12C175	114067
SG12B030	113245	SG8B018	112273	TA0B09601	110540	TG12C191	115861
SG12B038	114673	SG8B020	113603	TC15C020	113640	TG12C193	116022
SG12B039	115307	SG8B021	113575	TG10B013	113946	TG12C199	116182
SG12B040	113247	SG8B022	113246	TG10B024	113946	TG12C2013	116182
SG12B042	112002	SG8B023	113253	TG11C010	115310	TG12S101	115384
SG12B047	116337	SG8B026	113253	TG11C011	113940	TG12S111	115667
SG12B049	112397	SG8B027	113340	TG11C011	116048	TG12S220	115384
SG12B050	113248	SG9B010	112399	TG11C014	113874	TG12S221	115667
SG12B052	113919	SG9B011	112399	TG11C015	114769	TG12S247	115667
SG12B054	113751	SG9B013	111989	TG11C016	115621	TG14C011	113992
SG12B060	113302	SG9B015	112079	TG11C017	115370	TG14C012	114884
SG12B062	113877	SG9B017	112396	TG11C021	114699	TG14C014	115859
SG12B065	113871	SG9B018	113887	TG11C022	115310	TG14C015	113992
SG12B068	113245	SG9B024	112274	TG11C024	115853	TG14C016	113992
SG12B071	112471	SG9B025	114522	TG11C027	115766	TG14C020	114322
SG12B072	113245	SG9B027	112399	TG11C034	113940	TG14C022	114780
SG12B074	113882	SG9B029	111873	TG11C034	116048	TG14C023	115730
SG12B075	116337	SG9B033	112144	TG11C035	114699	TG14C025	114722
SG12B080	112472	SG9B035	115549	TG11C036	114406	TG14C026	113992
SG12B081	113919	SG9B037	111967	TG11C040	115419	TG14C027	114884
SG12B087	112197	SG9B038	111943	TG11C041	114882	TG14C028	115528
SG12B089	113862	SG9B039	111943	TG11C048	113861	TG14C034	115730
SG12B090	112002	SG9B040	116165	TG11C049	115310	TG14C036	115529
SG12B092	114039	SG9B042	112396	TG11C055	115411	TG14C037	115547
SG12B095	113248	SG9B043	113575	TG11C056	115653	TG14C039	115767
SG12B096	112471	SG9B047	112144	TG11C057	115854	TG14C040	115922
SG12B097	113245	SG9B048	113253	TG11C059	114406	TG14C042	114780
SG12B098	113919	SG9B049	111989	TG11C060	115411	TG14C043	115826
SG12B103	114673	SG9B050	116165	TG11C061	115310	TG14C049	115916
SG12B105	113862	SG9B054	113950	TG11C062	113940	TG14C050	115730
SG12B107	113245	SG9B055	113887	TG11C062	116048	TG14C051	115826
SG12B108	113248	SG9B057	113253	TG11C063	115766	TG14C078	114322
SG12B109	113919	SG9B059	111989	TG11C064	113940	TG15C011	113510
SG12B110	112471	SG9B063	113575	TG11C064	116048	TG15C012	113881
SG12B116	113248	SG9B064	113246	TG11C065	115419	TG15C017	116172
SG12B122	113245	SG9B065	113575	TG11C066	114882	TG15C018	113858
SG12B123	112471	SG9B066	113575	TG11C067	115707	TG15C020	113640
SG12B124	114039	SG9B067	113246	TG11C068	115653	TG15C022	113755
SG12S051	115438	SG9B068	115418	TG11C069	114882	TG15C023	113948
SG12S055	113503	SG9B077	112298	TG11C074	114699	TG15C027	114720
SG12S073	114080	SG9B078	112079	TG11C076	114827	TG15C028	113640
SG12S077	115438	SG9B079	115418	TG11C116	115707	TG15C032	115858
SG14B010	114722	SG9B087	111989	TG12C015	114757	TG15C034	114130
SG14B011	113252	SG9B088	111989	TG12C033	114495	TG15C034	116069
SG14B012	113510	SG9B107	115549	TG12C036	115583	TG15C038	113881
SG14B013	113510	SG9B121	115418	TG12C036	116183	TG15C042	115858
SG14B016	114722	ST35C015	114046	TG12C038	114866	TG15C043	113510
SG14B017	113871	TA00023301	111710	TG12C052	114847	TG15C048	115856
SG14B019	112193	TA000A06101	111344	TG12C054	115861	TG15C053	113640
SG14B020	112193	TA000A07401	111406	TG12C059	114811	TG15C054	113755
SG14B022	114722	TA000A14501	111405	TG12C059	116311	TG15C056	114130
SG15L012	113251	TA000A15101	110659	TG12C061	114811	TG15C056	116069
SG15L026	113251	TA000A17301	113518	TG12C061	116311	TG15C057	114130
SG15S010	114680	TA000A28801	111237	TG12C062	116066	TG15C057	116069
SG15S016	112460	TA000A30601	114114	TG12C063	115810	TG15C058	114509

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TG15C059	115857	TG23C017	115413	TM000A13701	113638	VA100	111185
TG15C064	113881	TG23C018	116189	TM000A13901	113521	VA101	110179
TG15C065	116172	TG23C019	115912	TM000A14401	113020	VA101	110969
TG15C072	115860	TG23C033	116189	TM000A14901	111476	VA102	110178
TG15C073	114720	TG7S010	113405	TM000A15701	111851	VA102	110770
TG15C091	115857	TG7S012	115659	TM000A18001	114885	VA102	110968
TG15C093	114720	TG7S014	113405	TM000A18601	111565	VA102	111185
TG15C094	115913	TG8C011	114877	TM000A19301	111241	VA102	111289
TG15C095	115631	TG8C018	115531	TM000A21901	113141	VA102	111362
TG15C098	113858	TG8S010	113721	TM000A23501	111849	VA103	110969
TG15C103	114724	TG8S012	113720	TM000A23601	113937	VA103	111086
TG15C112	115369	TG8S012	116064	TM000A24301	111786	VA103	111289
TG15C115	112460	TG8S013	113720	TM000A27301	113659	VA103	111364
TG15C116	112461	TG8S013	116064	TM000A27601	110958	VA103	111366
TG15C118	113640	TG8S014	113720	TM000A28901	113727	VA104	110759
TG15C119	113755	TG8S014	116064	TM000A30801	111912	VA104	110770
TG15C121	114130	TG8S016	113720	TM000A31001	112322	VA104	110968
TG15C121	116069	TG8S016	116064	TM000A31201	113796	VA104	111086
TG15C123	116184	TG8S017	111718	TM000A33401	113797	VA104	111289
TG15C124	115920	TG8S019	115531	TM000A34001	114270	VA104	111362
TG15C125	115857	TG8S021	113721	TM000A34101	113445	VA104	111364
TG15C130	116185	TG8S022	113720	TM000A35301	111849	VA104	113574
TG15C134	115369	TG8S022	116064	TM000A36001	111912	VA105	110968
TG15C135	115364	TG8S023	113720	TM000A36101	113445	VA105	111185
TG15C142	115356	TG8S023	116064	TM000A37001	112322	VA105	113378
TG15C144	115953	TG8S024	114293	TM000A37201	113659	VA106	110770
TG15C146	114721	TG8S025	111718	TM000A37301	110958	VA106	111362
TG15C152	114724	TG9B024	113575	TM000A38001	114820	VA106	111364
TG15C154	115369	TG9B025	113246	TM000V23601	113937	VA106	111366
TG15C157	115834	TG9B026	113946	TS10E1	113963	VA107	110179
TG15C169	114724	TG9B028	112469	TS10E11	113963	VA107	110969
TG15C174	114805	TG9B043	113405	TS10E26	114034	VA107	111086
TG15C176	114805	TG9B044	113946	TS10E3	113932	VA107	111184
TG15C182	115988	TG9B045	113575	TS10E4	112218	VA107	111364
TG15C183	114724	TG9B047	114879	TS10E5	112218	VA109	111076
TG15C186	114724	TG9B049	114848	TS12E1	114175	VA109	112162
TG15C189	115364	TG9B050	112469	TS12E10	111906	VA110	110770
TG15C190	115631	TG9B051	112469	TS12E30	116046	VA111	110178
TG15C211	115364	TG9B053	114879	TS12E36	115574	VA111	110179
TG15C234	114724	TG9B064	113575	TS12E9	113897	VA111	110759
TG15S205	115364	TG9B065	113246	TS12ER20	115611	VA111	110968
TG15S218	115364	TG9B066	113946	TS12ER22	115612	VA111	111184
TG16C010	115919	TG9B068	114848	TS12ER22M	115612	VA111	111185
TG16C013	115856	TG9C013	115543	TS12MR11	114163	VA111	111204
TG16C014	115858	TG9S010	113722	TS14-62	113254	VA111	111289
TG17C010	113896	TG9S010	115963	TS14E11	113905	VA112	110178
TG17C010	116158	TG9S011	114451	TS14E110	113254	VA112	111185
TG17C010B	113896	TG9S014	115622	TS14E42	115559	VA112	111289
TG17C010B	116158	TG9S015	113722	TS14E42	116054	VA113	111075
TG17C011	113896	TG9S015	115963	TS14E6	115741	VA114	113376
TG17C011	116158	TG9S016	113722	TS18E1	113842	VA115	110972
TG17C015	114524	TG9S016	115963	TS18E13	113933	VA115	111168
TG17C015	116295	TG9S021	113722	TS18E3	113841	VA116	110972
TG17C019	116038	TG9S021	115963	TS18E33	114029	VA116	111168
TG17C020	114408	TG9S022	113722	TS18E331	114029	VA117	110360
TG17C021	114189	TG9S022	115963	TS18ER121	114299	VA117	110913
TG17C021B	114189	TG9S027	114451	TS18ER123	113841	VA119	110891
TG17C022	114408	TG9S036	113722	TS18ER20	115376	VA119	111289
TG17C023	115414	TG9S036	115963	TS18ER22	115634	VA120	110350
TG17C024	114831	TG9S037	115622	TS2232	114074	VA121	110179
TG17C026	114832	TG9S039	114451	TS22E20	115745	VA121	110969
TG17C027	114189	TG9S060	115668	TS22E26	114030	VA121	111086
TG17C028	114042	TG9S140	113722	TS22E36	115769	VA122	113474
TG17C028	116113	TG9S140	115963	TS22E37	115769	VA123	110360
TG17C030	114042	TM000A0191	110958	TS22E45	115948	VA123	110913
TG17C030	116113	TM000A0241	110808	TS22E5	114074	VA123	111287
TG17C030B	114042	TM000A0301	113456	TS22E5B	114074	VA124	111075
TG17C030B	116113	TM000A03801	110810	TS22E8	114074	VA127	110919
TG17C032	114835	TM000A03901	110808	TS22E9	114074	VA128	110975
TG17C034	114385	TM000A04001	110811	TS24E3	115839	VA128	111653
TG17C035	114189	TM000A04101	111241	TS24E30	115839	VA130	111071
TG17C036	115923	TM000A05101	110810	TS24E6	115949	VA132	110358
TG17C039	116186	TM000A05501	110808	TS8E1	111641	VA132	110890
TG17C041	114102	TM000A06001	110576	TS8E2	110584	VA132	110968
TG17C041	116068	TM000A06101	110809	TS8E2	116306	VA132	111100
TG17C044	115414	TM000A06701	110389	TS8E3	114199	VA135	111738
TG17C048	113896	TM000A06901	110389	TS8E4	113267	VA135	112238
TG17C048	116158	TM000A07101	110245	TS8E5	114199	VA138	110877
TG17C054	114831	TM000A08401	111307	TS8E6	114095	VA138	112310
TG17C061	114102	TM000A08601	115674	VA100	110178	VA140	111355
TG17C061	116068	TM000A08701	113129	VA100	110968	VA140	112238

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VALEO <i>Continued</i>							
VA141	110365	VA230	110168	VA345	113500	VS197	110394
VA141	110913	VA231	111176	VA349	112769	VS201	113574
VA143	110889	VA234	113920	VA353	112679	VS204	110160
VA144	111036	VA235	111361	VA364	111353	VS204	111054
VA147	111948	VA236	110348	VA365	111477	VS204	111489
VA151	110360	VA237	110385	VA366	111352	VS205	111123
VA151	110913	VA238	111578	VA367	111479	VS205	111127
VA153	110367	VA243	110496	VA374	110682	VS206	111063
VA155	110913	VA243	110628	VA377	112229	VS207	110336
VA155	110919	VA244	110138	VA380	110913	VS207	111030
VA155	110975	VA245	111364	VA381	110107	VS207	111131
VA155	112098	VA246	110968	VA382	111154	VS207	111269
VA159	110972	VA248	110607	VA382	111288	VS209	110142
VA159	111168	VA248	111362	VA382	112735	VS210	110144
VA159	112056	VA250	110927	VA383	111288	VS211	110152
VA160	111043	VA252	110664	VA384	112162	VS215	110278
VA162	110890	VA256	110607	VA390	111317	VS218	110279
VA163	113376	VA256	112149	VA391	111354	VS219	110149
VA164	110743	VA259	110607	VA391	111369	VS219	110808
VA165	110969	VA263	111093	VA392	111354	VS223	113380
VA165	112128	VA263	111149	VA392	112529	VS224	110421
VA166	111035	VA264	110923	VA392	116129	VS224	111475
VA166	112719	VA264	111093	VA393	112056	VS225	110402
VA166	116331	VA266	111325	VA98	110178	VS225	111385
VA173	111082	VA266	112756	VA99	110179	VS226	110152
VA173	112728	VA269	111154	VA99	110969	VS226	110157
VA174	110891	VA271	111321	VS102	111102	VS226	110158
VA174	110968	VA274	110975	VS103	110585	VS226	110315
VA174	111204	VA274	111653	VS104	110354	VS226	110479
VA175	110178	VA275	111153	VS104	110440	VS227	112455
VA175	110179	VA277	112750	VS104	110441	VS228	110249
VA175	110759	VA281	112687	VS104	112439	VS230	110149
VA175	110969	VA282	112800	VS106	111131	VS230	110157
VA175	111086	VA283	112754	VS107	110831	VS230	110808
VA175	111184	VA284	111076	VS108	110831	VS230	111310
VA175	111289	VA284	112162	VS109	111103	VS231	111059
VA180	110743	VA285	112299	VS109	111103	VS232	110365
VA182	111362	VA286	112292	VS111	111102	VS233	110397
VA186	110975	VA287	112230	VS113	110831	VS234	110465
VA187	111653	VA289	112772	VS114	110847	VS235	111030
VA189	111841	VA291	110619	VS116	112541	VS236	110584
VA191	111289	VA295	112298	VS117	110587	VS236	116306
VA195	111287	VA296	112782	VS117	111070	VS239	110847
VA196	111180	VA298	110374	VS118	111063	VS240	110709
VA196	111767	VA298	111148	VS119	110867	VS240	111749
VA196	116133	VA298	113376	VS120	110867	VS241	112124
VA199	111289	VA300	111620	VS123	111131	VS243	111865
VA200	110077	VA300	111654	VS123	111750	VS244	111608
VA200	111841	VA300	111686	VS124	110831	VS247	111442
VA202	111094	VA301	110611	VS128	110461	VS249	110862
VA202	112149	VA301	110882	VS129	110793	VS249	111347
VA202	112735	VA301	110890	VS129	111066	VS249	111911
VA203	111035	VA301	110912	VS132	111100	VS249	114118
VA203	111078	VA301	111620	VS137	110336	VS251	110522
VA207	110890	VA301	112719	VS138	111131	VS251	113134
VA209	111082	VA301	112768	VS139	110338	VS254	111059
VA209	112728	VA301	116331	VS140	111070	VS255	111060
VA211	112728	VA304	111654	VS142	110367	VS259	111214
VA212	111289	VA305	111411	VS142	110866	VS261	111750
VA214	111169	VA306	110882	VS143	110367	VS262	110867
VA214	112056	VA307	112681	VS144	111068	VS262	112290
VA215	112056	VA308	111498	VS145	110365	VS263	111131
VA217	112162	VA309	111356	VS148	110368	VS264	111131
VA218	110137	VA309	111364	VS148	111112	VS265	111030
VA218	110138	VA310	111176	VS149	111010	VS270	112295
VA220	110128	VA310	111293	VS153	112651	VS272	110584
VA220	110264	VA313	111368	VS156	111025	VS272	116306
VA221	110168	VA323	111176	VS168	112541	VS274	112235
VA221	110264	VA324	110891	VS169	110352	VS277	112321
VA222	110318	VA325	110631	VS173	110844	VS278	110865
VA224	110138	VA326	110358	VS173	113269	VS279	111029
VA225	110168	VA331	111264	VS174	110839	VS280	111029
VA225	113793	VA332	110631	VS174	110996	VS281	111115
VA226	110168	VA334	111532	VS178	110444	VS283	111070
VA226	110267	VA335	111318	VS179	111865	VS284	111029
VA226	110307	VA336	113604	VS182	110365	VS285	111070
VA226	110458	VA338	112688	VS186	112295	VS285	114460
VA227	110134	VA338	113485	VS189	110858	VS286	110352
VA227	110136	VA339	112703	VS193	110363	VS287	111422
VA227	110168	VA343	110628	VS194	110512	VS291	111619
VA229	110134	VA344	112769	VS195	110839	VS292	111421

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VS292	116327	20-100-01011	112251	3.852.2287F	115724	028903018BX	111988
VS296	111030	20-100-01014	113910	3.852.2313G	114466	028903018F	111676
VS297	110842	20-100-01014	113910	3.852.2319F	114019	028903018FX	111676
VS298	110842	20-100-01015	111900	3.852.2319F	116047	028903018X	111353
VS302	110814	20-100-01015	111900	3.852.2321F	114383	028903023E	111676
VS302	111693	20-100-01020	112251	3.852.2321F	116361	028903023EX	111676
VS303	110807	20-100-01020	112251	3.852.2324F	114016	028903025C	113885
VS305	110808	20-100-01021	113905			028903025CX	113885
VS306	110810	20-100-01022	112821	VOLKSWAGEN		028903025E	111676
VS307	111065	20-100-01022	112821	001911023	111823	028903025EX	111676
VS308	111851	20-100-01022	115870	001911023B	115542	028903025G	111352
VS309	110862	20-100-01022	115870	001911023C	111823	028903025GX	111352
VS310	113389	20-100-01023	113794	00A903025A	111902	028903025H	111353
VS312	111728	20-100-01023	113794	012911023E	116039	028903025HX	111353
VS314	111312	20-100-01025	112290	012911023F	116039	028903025P	111479
VS316	111130	20-100-01025	114119	0175903015E	111094	028903025PX	111479
VS317	111442	20-100-01027	113906	020911023	111748	028903025Q	111477
VS317	112214	20-100-01027	113906	020911023A	111748	028903025QX	111477
VS318	111251	20-100-01029	113908	020911023AX	111748	028903025S	111988
VS319	111251	20-100-01029	116062	020911023B	112286	028903025SX	111988
VS320	110585	20-100-01032	111374	020911023D	112286	028903026G	111828
VS320	113481	20-100-01032	111374	020911023DX	112286	028903027D	111988
VS321	111063	20-100-01034	113910	020911023F	111909	028903027E	113770
VS321	111251	20-100-01036	113911	020911023H	111909	028903027L	111820
VS326	112295	20-100-01039	115641	020911023J	111748	028903027N	111899
VS329	111748	20-100-01042	115405	020911023L	111748	028903027P	111898
VS333	110394	20-100-01044	114092	020911023M	111748	028903028	113770
VS338	110152	20-100-01047	111906	020911023MMX	111748	028903028C	112075
VS339	111136	20-100-01049	112235	020911023N	111748	028903028D	111989
VS340	111749	20-100-01050	112821	020911023P	112286	028903028DX	111989
VS342	111069	20-100-01050	115870	020911023PX	112286	028903028E	112002
VS343	111069	20-100-01053	114119	020911023R	112286	028903028G	111820
VS344	111489	20-150-01001	113883	020911023S	111909	028903028J	111884
VS345	111251	20-150-01002	113912	020911023T	111909	028903029A	112396
VS358	112340	20-150-01002	116362	020911024A	112286	028903029B	112397
VS371	113745	20-150-01004	113708	021903016	116186	028903029D	112396
VS456	112290	20-150-01004	113708	021903017	111353	028903029E	112397
YGA000061	115674	20-150-01005	113709	021903017A	111477	028903029G	112002
		20-150-01005	113709	021903017A	111477	028903029M	113406
VALMET		20-150-01006	113709	021903020DX	110358	028903029N	115763
835330965	113484	20-150-01006	113709	021903023J	111353	028903029NX	115763
835339189	111740	20-150-01007	113913	021903023J	111353	028903029Q	113252
83646400	113901	20-150-01007	113913	021903025B	111991	028903029R	112396
83646500	113570	20-150-01008	113710	021903025BX	111991	028903029S	112396
836640927	112556	20-150-01008	116124	021903025C	113885	028903029T	112396
836640940	114254	20-150-01009	113710	021903025G	112709	028903030	112002
836662073	114254	20-150-01009	113710	021903025K	112002	028903030A	112002
836662073	116134	20-150-01009	116124	021903026A	113884	028903030B	112002
836666039	113610	20-150-01010	113710	021903026B	116173	028903031	112397
836666226	113610	20-150-01010	113710	021903026L	116038	028903031A	112397
836666721	113610	20-150-01010	116124	022903028A	113884	028903031X	112397
836673290	113570	20-150-01034	113912	022903028B	114109	028911023M	113387
836673344	113949	20-150-01034	116362	023903023	111353	02A911023C	112166
836873290	113570	AMHB3C11000AA	115869	023903023B	111353	02A911023D	112131
		BF	112946	025911023	113847	02A911023DX	112131
		CA	112949	025911023A	113847	02A911023E	112131
VAUXHALL → OPEL		CE	112947	025911023AX	113847	02A911023EX	112131
		CN	112959	026903015	112149	02A911023F	111749
VENDOR		CT	112956	026903015A	112149	02A911023FX	111749
A000B0431	110540	CV	112951	026903015D	112149	02A911023H	112166
		CW	112947	026903015DX	112149	02A911023HX	112166
VETUS		CY	112954	026903015E	112149	02A911023J	111900
31A68-00400	112492	DH	112958	026903015EX	111094	02A911023JX	111900
31A68-00401	112492	DK	112961	026903017	112149	02A911023L	112005
31A68-00402	112492	KD	112940	026903017A	112149	02A911023LV	112005
		KJ	112940	026903017AX	111094	02A911023LX	112005
				026903017N	112149	02A911023Q	112166
VISTEON		VM		026903017X	112149	02A911023R	111900
20.150.01005	113709	3.553.0061A	115472	026903023A	112149	02A911023S	114160
20-100-01001	112235	3.553.2022A	114265	026903023B	112149	02A911023T	111749
20-100-01002	112340	3.553.2032F	115535	026911023	110865	02A911023TX	111749
20-100-01003	111374	3.553.2039F	114265	026911023B	110865	02A911024	111900
20-100-01005	112235	3.553.2040F	115537	026911023BX	110865	02A911024B	111900
20-100-01005	112235	3.553.2053F	114402	026911023C	112321	02A911024D	111900
20-100-01006	113701	3.553.2054F	114055	026911023CX	112321	02A911024E	114160
20-100-01007	112290	3.553.2055F	114020	026911023G	112321	02A911024G	116440
20-100-01008	112290	3.553.2056F	115537	026911023GX	112321	02A911024X	111900
20-100-01008	112290	3.553.2063F	114055	026911023X	110865	02A911203	112131
20-100-01010	111906	3.553.2064F	114402	028903018	111353	02B911023A	112052
20-100-01010	111906	3.852.2236F	110890	028903018A	111820	02B911023AX	112052
20-100-01010	111906	3.852.2262F	115752	028903018AX	111820	02B911023B	112306
				028903018B	111988	02B911023BX	112306

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VOLKSWAGEN <i>Continued</i>							
02B911023C	112167	02Z911023HX	113842	036903023PX	110913	03C903025DX	114884
02B911023CX	112167	02Z911023M	114299	036903023X	110360	03C903025F	115767
02B911023D	113387	02Z911023N	114299	036903024D	113874	03C903025FX	115767
02B911023DX	113387	02Z911023P	114299	036903024H	113874	03C903025J	115767
02B911023E	112444	02Z911023R	115338	036903024J	113874	03D903025D	113253
02B911023F	113677	02Z911023RX	115338	036903024N	113874	03D903025E	113253
02B911023J	113387	02Z911023S	115336	036903025A	111288	03D903025H	113253
02B911023L	113387	02Z911024A	115336	036903025E	110913	03D903025J	113253
02B911023M	112444	02Z911024B	115336	036903025G	110913	03D903025M	115767
02B911023N	113387	02Z911024H	115336	036903025L	111288	03F903023D	115765
02E911022C	115539	02Z911024J	113842	036903025Q	111288	03F903023DX	115765
02E911022C	116156	02Z911024K	114299	036903025QX	111288	03F903023F	115765
02E911023H	113509	02Z911024L	115336	036903026B	113887	03G903016A	114831
02E911023J	115333	02Z911024P	114163	036903026C	113887	03G903016G	114322
02E911023L	115311	02Z911024Q	115818	036903027C	111288	03G903023	116038
02E911023Q	115539	030903023A	111352	036903027E	111288	03G903023F	114697
02E911023Q	116156	030903023B	111352	036903027G	111288	03G903023Q	114697
02E911023S	115900	030903023BX	111352	036903028A	113887	03G903023X	114109
02E911023SX	115900	030903023C	111479	036911023Q	113750	03G911023	114096
02E911023T	115539	030903023D	111352	036911023QX	113750	03G911023A	114177
02E911023T	116156	030903023DX	111352	036911023S	112307	03G911023AX	114177
02E911024A	115638	030903023E	111352	036911023SX	112307	03L903023	115433
02E911024B	115561	030903023EX	111352	036911025B	112307	03L903023B	115713
02E911024C	115539	030903023F	111479	037903023E	111477	03L903023B	116319
02E911024C	116156	030903023FX	111479	037903023G	111477	03L903023BX	115713
02E911024D	115561	030903023H	112075	037903023GX	111477	03L903023BX	116319
02E911024H	115539	030903023J	111989	037903023P	112149	03L903023D	115712
02E911024H	116156	030903023JX	111989	037903023Q	111353	03L903023DX	115712
02E911024J	115539	030903023M	113887	037903023QX	111353	03L903023E	114109
02E911024J	116156	030903029A	113887	037903025C	111820	03L903023F	113992
02M911021B	113773	031903023	111154	037903025E	112075	03L903023G	115370
02M911021G	115560	031903023D	111154	037903025F	113887	03L903023L	115826
02M911021H	115696	031911023A	115540	037903025L	112273	03L903023LX	115826
02M911021P	115402	034903015T	112750	037903025M	112274	03L903023P	115730
02M911023	114174	034903016A	112750	037903025S	112273	03L903024C	114697
02M911023A	112429	034903016D	112750	037903025T	112274	03L903024D	115826
02M911023C	112429	034903016G	112750	037903026C	113887	03L903024F	115712
02M911023D	112429	034911023	111010	037911023	111059	03L903024G	114697
02M911023F	112429	034911023A	111010	038903018	113888	03L903024H	114697
02M911023G	113773	034911023X	111010	038903018A	112274	03L903024J	114109
02M911023M	113773	035903015	110911	038903018EX	112399	03L903024K	115713
02M911023N	113841	035903015A	111139	038903018F	113751	03L903024K	116319
02M911023P	113841	035903015E	111139	038903018P	112079	03L911021	115635
02M911023PX	113841	035903015N	111139	038903018PX	112079	03L911021C	115635
02M911023Q	113678	035903015X	110911	038903018Q	112002	03L911021E	115636
02M911023R	112429	035903017A	112729	038903018R	112274	03L911021G	115636
02M911024	113841	035903017AX	112729	038903018RX	112274	03L911021H	115635
02M911024A	113841	035911023D	111010	038903023	113340	03L911024A	115636
02M911024B	115402	035911023L	111010	038903023K	113340	03P903023D	115529
02M911024C	115402	035911023LX	111010	038903023L	112079	040903015G	110911
02M911024G	115402	035911023M	111010	038903023L	114789	040903025.3	111096
02M911024H	115964	035911023N	111010	038903023Q	113340	043903023	111096
02M911024HX	115964	035911023O	111010	038903023R	112079	043903023A	111096
02M911024J	115560	035911023Q	111010	038903023S	112002	043903023B	111096
02M911024P	113841	035911023QX	111010	038903023T	113888	043903023C	111096
02M911024Q	115560	036903017	110913	038903024A	112079	043903023CX	111096
02M911024R	115696	036903017A	110360	038903024A	114789	043903023D	111096
02M911024S	115402	036903017AX	110360	038903024B	113340	043903023DX	111096
02T911023C	112438	036903017B	110913	038903024D	112079	043903023G	111096
02T911023E	112435	036903017G	111287	038903024E	112079	043903025A	111096
02T911023G	113515	036903017GX	111287	038903024F	112002	045903023	112079
02T911023H	112438	036903017K	111288	038903024G	112002	045903023A	113275
02T911023M	114176	036903017KX	111288	038903025	112075	045903023D	115764
02T911023R	114034	036903017X	110913	038903025M	113888	045903023F	113275
02T911023S	114034	036903018B	113874	039903025E	113253	045903023H	115714
02T911023T	114176	036903021	111288	039903027A	111288	045903023SE	112079
02T911024	114062	036903023	110360	039903027C	111288	045903026C	113887
02T911024A	114034	036903023B	110360	03C903023	114769	046903015	113758
02T911024B	114034	036903023C	110360	03C903023A	114884	046903015A	110911
02T911024J	115401	036903023D	110913	03C903023AX	114884	046903015F	113758
02T911024K	114034	036903023E	110913	03C903023B	114769	046903015G	112750
02T911024N	114034	036903023F	110360	03C903023BX	114769	046903017	113758
02T911024Q	114176	036903023G	110913	03C903023C	114884	046903017A	110911
02Z911021C	115336	036903023H	110913	03C903023D	114769	046903017AX	110911
02Z911021K	115336	036903023J	110360	03C903023DX	114769	046903017X	113758
02Z911023C	114034	036903023K	110913	03C903023G	113861	046911023B	112537
02Z911023E	114163	036903023L	110360	03C903023GX	113861	046911023BX	112537
02Z911023F	113842	036903023M	110913	03C903023H	115854	047903015	111139
02Z911023FX	113842	036903023N	110360	03C903023S	115528	047903015G	112273
02Z911023G	114163	036903023NX	110360	03C903023T	115528	047903015H	112274
02Z911023H	113842	036903023P	110913	03C903025D	114884	047903015J	110622

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
047903015M	112387	059903018TX	115910	068903031Q	112799	06C911023	115946
047903015O	112419	059903019C	115631	068903031R	112765	06D903016	116172
047903017	112419	059903023A	115859	068903031RX	112765	06D903016A	114722
047911023C	112388	059903023G	116179	068903031SX	111287	06D903016D	115953
047911023G	112388	059903023GX	116179	068903033B	111094	06D903016DX	115953
049903015C	110911	059911021G	115735	068911023AX	110368	06D911021B	115394
049903015F	113758	059911021GX	115735	068911023D	111069	06D911023	115947
049903015FX	113758	059911021K	115735	068911023DX	111060	06D911023A	115947
049903015G	110911	059911021M	115948	068911023E	110996	06D911023B	115394
049903015GX	110911	059911022	115948	068911023EX	111060	06E903016	115919
049903015H	112747	059911023A	115938	068911023G	111060	06E903016D	115858
049903015T	110911	059911023H	111995	068911023GX	111060	06E903016DX	115858
049903017A	110919	059911023Q	114094	068911023J	111069	06E903016F	115919
049903017C	110919	059911023S	114690	068911023JX	111060	06E903016G	115414
049903017CX	110919	059911023SX	114690	068911023M	111069	06E903016K	115414
049903023B	110911	059911024	114094	068911023MX	111069	06E903016S	115913
049903023E	111653	059911024C	115375	068911023R	111694	06E903016SX	115913
049903023F	111653	059911024D	114094	068911023S	111694	06E903018	115919
049903023FX	111653	059911024E	114775	068911023SX	111694	06E903018E	115919
049903023J	111653	059911024F	115938	068911023T	112286	06E911021B	115559
049903023R	110919	059911024G	114094	068911023TX	112286	06E911021B	116054
049903023T	110919	059911024J	114690	068911024B	111694	06E911023B	114837
049903023TX	110919	059911024K	116000	068911024BX	111694	06F903023A	113992
049903027F	110919	060903017A	111653	068911024C	111694	06F903023B	115621
049911023G	110865	060903017AX	111653	068911024E	111694	06F903023C	113992
049911023GX	110865	062911023	114304	068911024F	111694	06F903023D	115370
049911023H	110865	063903015	111139	068911024G	111694	06F903023E	115370
04C903023B	115695	063903017	111139	068911024K	111060	06F903023EX	115370
04E903023H	115916	063903017X	111139	068911024L	114171	06F903023F	113992
04E903023K	115916	068903017A	110360	068911024T	111694	06F903023G	115621
04L903023L	114322	068903017B	110913	069903017A	112729	06F903023H	113992
052903015	110360	068903017BX	110913	069903017AX	112729	06F903023J	113992
052903017	110360	068903017F	110913	069903023D	112729	06F903023L	115707
052903017X	110360	068903017K	111288	069903023F	111094	06F903023M	115707
052903023	110360	068903017L	111154	069903023G	112729	06F903023N	115730
053911023	112321	068903017M	111287	069903023H	112729	06F903023P	115730
053911023A	112321	068903017MX	111287	069911023	111112	06H903016L	115367
053911023AX	112321	068903017N	111094	069911023A	111112	06H903016LX	115367
053911023B	112321	068903017NX	111094	069911023AX	111112	06H903017E	115547
053911023BX	112321	068903017P	112729	069911023B	111120	06H911021	115733
054903015	112750	068903017PX	112729	069911023BX	111120	06H911021A	115394
054903015C	112806	068903017Q	112765	069911023C	112537	06H911021D	115733
054903015K	112806	068903017QX	112765	069911023CX	112537	06H911021E	115394
054903015KX	112806	068903017S	112735	069911023D	112537	06H911021X	115733
055903023	110360	068903017SX	112149	069911023DX	112537	06H911024A	115733
055903023S	111653	068903017T	111154	069911023E	112221	06J903023C	114722
055911023A	110864	068903017TX	111154	069911023F	111855	06K903023	114722
055911023AX	110864	068903018B	112729	069911023F	116128	070903024	113947
055911023E	111059	068903018BX	112729	069911023H	112014	070903024A	113947
055911023F	111059	068903018P	112729	069911023J	112430	070903024B	113947
055911023FX	111059	068903023B	110360	069911023K	112014	070903024F	113947
055911023H	111059	068903023C	110913	069911023L	112221	070903139	113947
055911023J	111059	068903023F	110913	069911023M	112430	070911023B	114723
055911023K	111059	068903023J	111653	069911023N	111112	071903016C	116017
055911023L	111059	068903023L	110360	06A903023	111989	071903016G	111478
055911023M	111059	068903023N	110913	06A903023E	115922	074903018A	113884
055911023R	111059	068903023T	112729	06A903026	111989	074903023	111154
057911023E	114776	068903025	110360	06A903026A	111989	074903023H	112750
058903016A	111478	068903025A	110913	06A903026B	112075	074903023Q	111477
058903016B	111478	068903025Q	110360	06B903016A	112399	074903023X	111154
058903016BX	111478	068903027H	110919	06B903016AB	114722	074903025A	112765
058903016E	111478	068903029A	112729	06B903016AC	116172	074903025B	112799
058903018A	111478	068903029D	112729	06B903016AD	113882	074903025BX	112799
058903018B	111478	068903029F	112729	06B903016AE	116337	074903025J	113754
058911023B	112321	068903029G	112729	06B903016AF	114722	074903025K	112043
058911023BX	112321	068903029K	112765	06B903016B	113882	074903025M	113888
059903015	113758	068903029M	112729	06B903016D	112399	074903025Q	113754
059903015F	113751	068903029N	112729	06B903016E	113882	074903025R	113754
059903015G	113751	068903029P	112729	06B903016F	113283	074903025S	113884
059903015GX	113751	068903029R	112735	06B903016G	113283	074903026	112079
059903015R	114408	068903029S	111094	06B903016Q	116172	075903023	112729
059903016D	115856	068903031	111154	06B903016S	116337	075903023A	112729
059903016E	114780	068903031B	111288	06B903016AA	114722	076903023D	111653
059903016G	114780	068903031C	111287	06B911023	112321	076903023J	112149
059903016J	115631	068903031D	111287	06B911023A	114179	076903023M	111653
059903016P	115906	068903031H	111154	06B911023B	115961	076903023N	112735
059903016PX	115906	068903031J	112735	06B911023X	112321	076911023A	114317
059903017K	114408	068903031JX	112735	06C903016	113751	077911023J	115744
059903018E	115910	068903031K	111094	06C903016A	113751	078903015A	112806
059903018EX	115910	068903031KX	111094	06C903016B	113510	078903015AX	112806
059903018K	115910	068903031L	111287	06C903016J	114408	078903015C	112806

STARTERS & ALTERNATORS

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VOLKSWAGEN <i>Continued</i>							
078903015F	112806	211903031A	111225	20466316	115577	30644972	116053
078903015FX	112806	211911023	110363	20466317	114212	30658085	114312
078903016	113510	2H0911023H	115736	20509446	113768	30658086	115708
078903016AB	113510	2H0911023K	115736	20536466	112116	30658086	116352
078903016AC	113510	2H0911023K	115736	20553711	110207	30658087	115708
078903016CA	113510	2T2911023B	114001	20563533	115593	30658087	116352
078903016F	113751	311911023B	110363	20563533	115887	30658567	113303
078903016H	113751	311911023C	110363	20572417	114872	30659131	115412
078903016HX	113751	311911023D	110363	20572417	115875	30659136	115412
078903016R	113510	311911023DX	110363	20707050	116014	30659314	116051
078903016S	113510	330903015	112149	20714203	114872	30659341	115412
078911023	112309	441.04003-226.6	112387	20714203	115875	30659390	114724
078911023A	112309	441.04009-219.6	112236	20732404	114310	30659478	115769
078911023D	111769	4Z7903015	113510	20732404	115888	30659555	116052
078911023X	112309	6K0903028	111884	20732977	115593	30667018	115753
079911021B	115559	6U0911023A	112236	20732977	115887	30667058	113911
079911021C	115559	6U0911023B	111214	20739778	114880	30667058	116157
079911021C	116054	7M5903028	112002	20741686	114078	30667067	113922
079911021D	115559	BCA903015	112735	20770016	115824	30667068	113849
079911021D	116054	J2702054352	111483	20849349	114212	30667069	114065
07C911023G	115996	J2702054700	111483	20849350	114212	30667071	113978
07K903025A	113992	TJG911023B	113346	20849352	114212	30667072	114083
07Z911023A	115941			20891242	114872	30667102	111906
07Z911023B	115941			20891242	115875	30667103	114810
085911023A	111904	VOLVO		20898062	114303	30667119	115412
085911023AX	111904	10219978	116044	20900793	114873	30667295	115417
085911023B	113750	1089861	112345	20938971	114323	30667299	114746
085911023BX	113750	1089862	112803	20938971	115889	30667494	113911
085911023E	114758	1096757	111631	20997663	114323	30667494	116157
085911023J	113750	1096758	111746	21025968	115593	30667501	115601
085911023JX	113750	11030906	110208	21025968	115887	30667524	115753
085911023K	111904	11031126	110207	21036377	115593	30667525	115753
085911023L	111904	11127679	113827	21036377	115887	30667787	114312
085911023M	111904	11170011	111631	21041752	114407	30667788	115708
091911023	110858	11170134	114212	21041756	114880	30667788	116352
091911023A	111061	11170321	114212	21041876	114078	30667874	113911
091911023AX	111061	11716111	113991	21067513	111638	30667874	116157
091911023B	111061	1257938	111112	21103701	114819	30667894	114312
091911023BX	111061	1257939	111120	21164603	114733	30667895	115708
091911023X	110858	1308719	110881	21164603	115894	30667895	116352
09A911023	114308	1323488	110881	21289221	114303	30667896	115753
09A911023A	115523	1323912	110881	21306350	114733	30724473	113303
09A911023B	115523	1324957	110881	21306350	115894	30737529	114810
0AH911023	114175	1328392	111120	21311522	112494	30755494	113978
0AH911023A	114175	1346707	111054	21314102	114873	30773111	115606
0AH911023B	114173	1357199	111489	21423488	114818	30782052	113303
0AH911023BX	114173	1359119	111047	21429783	114212	30782228	113303
0AH911023F	115645	1363451	112818	21429789	114212	30795169	115365
0AH911023G	115645	1363496	112746	21429790	114078	30795422	113922
0AH911023H	115945	1363511	112746	21429791	115824	30795423	113849
0AH911023HX	115945	1367049	111047	21477589	111638	30795495	114083
0AM911021B	115610	1374082	114157	21561402	116098	308043	110207
0AM911021E	115610	1398327	112746	21598436	115593	3080846	113605
0AM911023B	115611	1502272	111528	21598436	115887	30808465	113605
0AM911023D	115376	1505107	110112	21598446	115593	3088362	113248
0AM911023F	115337	1505307	110112	21598446	115887	31260072	115908
0AM911023G	115610	15063541	114212	21598449	115593	31268035	115641
0AM911023H	115610	1509425	112742	21598449	115887	31285512	116049
0AM911023J	115610	1542195	111047	21632125	114872	31285593	113849
0AM911023K	115612	1545417	111047	21632125	115875	31285595	113849
0AM911023L	115634	1547049	112116	21632127	114872	31285808	114724
0AM911023M	115610	1578139	112742	21632127	115875	31288155	113849
0AM911023N	115944	1578140	110112	22175633	112494	31288275	111906
0AM911023Q	115376	1578938	112742	22218391	114078	31288879	115606
0AM911023R	115944	1607362	111528	22218391	115494	31327066	115588
0AM911023T	115612	1621048	112803	22218392	115824	31419556	115412
111911023BT	110363	1626195	112251	22344130	115593	3173821	111631
111911023C	110363	1676822	114047	22344130	115887	3412455	110585
111911023D	110363	1684865	114157	22602940	114872	3430012	110585
113903031G	111225	17204335	114212	22602940	115875	3523301	111489
113903031GX	111225	20397219	114193	240340	110205	3523422	112557
113903031K	111225	20397219	115877	240504	110208	3545364	112557
113903031M	111225	20405828	112494	240519	110537	3581774	111047
113903031N	111225	20409228	114212	240524	111217	3587218	114843
113903031P	111225	20409240	114212	240847	111217	3587625	111786
113903031PX	111225	20430564	113830	241599	113482	3588491	114818
113903031Q	111225	20430564	115884	243007	112132	3594614	114818
114901012	110542	20431073	113830	24437136	113276	36000037	115434
176911023	111060	20450305	114310	2557832	110175	36000038	115412
1HS911023B	111748	20450305	115888	3032961	112343	36000039	115641
211903031	111225	20451445	112116	30620870	113248	36000041	114746
		20466315	114212				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
36000207	115606	4785539	113482	8111921	112059	85000629	114212
36000210	115966	4785541	112132	8111943	111722	85000644	114880
36000220	115417	4880691	112132	8112614	111631	85000668	114303
36000221	113911	4880692	113482	8113097	113186	85000677	113830
36000221	116157	4880693	113482	8113165	112116	85000677	115884
36000223	115671	4881097	112507	8113258	111631	85000709	110112
36000237	113303	4881598	111638	8113860	114047	85000710	112784
36000598	113922	5001599	110160	8113908	110112	85000711	112742
36000599	113849	5001613	110160	8113909	112784	85000712	112803
36000639	116052	5001614	110160	8113910	112742	85000713	111746
36000798	115365	5001668	110367	8113911	112345	85000714	111746
36000947	115769	5001669	110367	8113912	112803	85000715	111746
36001081	116049	5001677	110112	8113918	112116	85000716	112803
36001117	114724	5001679	110112	8144401	111631	85000749	114733
36001341	115412	5001680	110207	8156816	111631	85000749	115894
36001408	115588	5001683	110208	8156817	111746	85000750	114323
36001497	115606	5001686	110205	8192262	114047	85000750	115889
36001501	114724	5001759	111047	8192965	110980	85000883	115593
36001519	115769	5001782	112742	8192965	114033	85000883	115887
36001683	116051	5001835	112742	8251071	112072	85000934	115593
36002496	115641	5001867	111112	8251551	112818	85000934	115887
36002497	113906	5002048	110881	8251635	111719	85003104	112343
36002574	113978	5002050	111120	8251639	112557	85003257	114303
36002575	114083	5002271	110881	8251641	112471	85003303	114047
36002584	115908	5002476	112541	8251642	112295	85003304	114033
36002642	113303	5002633	112756	8251643	112474	85003355	114212
36002761	111906	5002698	111063	8251648	112458	85003357	114212
36012505	114724	5002781	111319	8251655	112072	85003983	111631
36012619	115412	5003001	110881	8251725	112471	85020823	114212
36013613	116053	5003027	110208	8252875	114814	85020823	115488
36050262	113272	5003028	110207	8252889	112475	8553265	111277
36050263	114312	5003029	110205	8253502	112199	858838	111397
36050266	115708	5003089	112784	8253504	112218	858839	111397
36050266	116352	5003261	112742	8253505	113761	859252	111047
36050268	115709	5003312	110980	8253507	112144	859722	112277
36050282	112072	5003349	112345	8253534	113577	8601699	112072
36050997	113849	5003398	112803	8253611	112458	8601841	112072
3801296	114818	5003448	112345	8253632	112144	8602002	112327
3801351	112534	5003564	111489	8253634	115442	8602082	112557
3803074	111054	5003617	110160	8253785	112471	8602083	112295
3803200	112277	5003665	112746	8253786	112474	8602084	112818
3803598	111219	5003708	111120	8253797	113403	8602085	112818
3803646	113303	5003802	110881	8253813	112458	8602096	112557
3803847	114819	5003804	112746	8253860	113245	8602102	113605
3803912	114845	5003975	112557	8253873	112218	8602138	112557
3803938	114818	5003996	112557	8253980	113248	8602274	112474
3817662	113971	5240360	110160	833031	113705	8602276	112072
3827444	114527	6205473	112098	834339	111054	8602277	112078
3840181	113971	6209191	110766	8348930	111277	8602279	112471
3840183	114845	6226486	110527	834976	111054	8602343	113272
3841359	114818	6601769	110537	838060	113705	8602355	113303
3854190	111183	6643669	111217	8408080	110160	8602356	113248
3860171	111710	6643899	110537	8410664	110225	8602360	112434
3860566	111786	6686461	110205	841762	111397	8602556	112458
3862613	114664	6779261	112345	841765	111397	8602629	113272
3862665	114664	6779713	112742	842765	111397	8602710	113272
3884950	114664	6882364	110112	845940	111528	8602714	115709
3885317	111786	6886493	110112	847307	111218	8602806	112471
3963143	111631	7240524	111217	849563	113382	8602818	113303
3964839	112116	8034993	110060	85000087	113830	8602924	114315
3976608	113186	8111001	112078	85000087	115884	8603182	113922
3978044	111638	8111107	112557	85000148	114193	8603262	114312
3978710	114033	8111119	113754	85000148	115877	8603265	115708
3986428	111631	8111122	113754	85000186	112116	8603265	116352
3986429	111746	8111302	112818	85000221	112345	8603271	113978
420718	111638	8111509	111619	85000257	114212	8603272	114083
420731	110980	8111510	112295	85000295	114310	8603292	113906
420760	114047	8111537	113500	85000295	115888	8603377	111906
420780	110207	8111569	111803	85000438	110208	8603388	115753
4220357	112097	8111571	112679	85000439	110207	8603409	113911
465471	111793	8111572	113481	85000440	110980	8603409	116157
465929	110208	8111634	112557	85000443	114047	8603496	114810
465930	110207	8111635	113605	85000446	114047	8603539	113303
465931	110205	8111701	111251	85000447	114033	8603604	115601
468202	110205	8111811	112679	85000450	110208	8603605	115753
469414	110208	8111838	112165	85000507	111631	8603689	113906
477049	110980	8111839	112165	85000526	114310	8603690	113908
4772059	113850	8111840	111641	85000526	115888	8603690	116062
4778060	111046	8111887	112557	85000592	114078	8603898	115753
4785484	114170	8111906	111719	85000626	114212	8622742	114315
4785538	113482	8111920	111718	85000628	114212	8622786	113272

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VOLVO <i>Continued</i>							
8637848	113272	10879N	116082	11077N	115904	1-1189-01MI	110802
8651665	115709	10879NOS	116082	11077R	115904	11189N	114827
8666579	113922	10881N	114507	11078N	115473	11189R	114827
8666581	114065	10884N	113659	11078R	115473	11191N	115737
8676015	114157	10909N	115570	11081N	115709	11191R	115737
8676489	113272	10930N	115691	11082N	115709	1-1199-01	110659
8676496	113272	10931N	113743	11082R	115708	1-1199-01MD	110659
8676498	113272	10932N	114516	11083N	113858	1-1200-01MI	110318
8676499	115709	10938N	114657	11083N	115976	11202N	114827
867975	111397	10939N	115463	11083R	113858	11202R	114827
867976	111397	10982N	115733	11083R	115976	11205R	115928
868082	111397	11001N	113517	1-1085-01ND	110628	11206R	114491
868421	111397	11001R	113517	11085N	115791	11207R	112396
868422	111397	11005N	110138	11085R	115791	1-1208-01MI	110805
868425	111397	11005R	110138	11086R	111779	1-1209-01MI	110318
868426	111397	1-1007-02ND	110577	11088	114273	11210N	112396
868427	111658	1-1007-02ND-2	110577	11088	115416	11210N	112397
868428	111658	11008N	115786	1-1090-01ND	110675	11210R	112396
868431	111658	11008R	115786	11091N	114312	11210R	112397
868433	111397	11011N	113657	1-1092-01ND	113085	11212N	113882
868434	111658	11011R	113657	11094N	115936	11212R	113882
8688170	113978	11014N	112327	1-1096-01HI	110307	11215N	115905
8697585	115671	11014R	112327	11098R	112193	11215R	115905
8697650	115641	1-1015-01	110927	11101N	115865	11216N	113953
870977	111054	1-1017-01MI	111578	11101R	115865	11217N	114454
872021	111658	1-1017-01ND	111578	11103R	110890	11220N	115532
872258	112165	1-1018-01ND	110138	1-1104-01HI	110458	11221N	116038
873348	112165	1-1019-01ND	110675	11107R	112191	11223R	115753
873633	113382	11020N	115853	1-1109-01HI	110168	11225N	115453
873770	113382	11020R	113652	1-1111-01HI	110128	11226N	115453
873771	111658	1-1023-01ND	111609	1-1111-01MI	110128	1-1227-01MD	110804
873986	111631	11024N	115796	1-1112-01	110264	1-1227-01MI	110804
874385	114257	11024R	115796	1-1112-01HI	110264	1-1228-01ND-1	110965
874501	114818	1-1025-01ND	111705	1-1112-01MI	110264	1-1229-01MI	111279
874502	113971	11025N	115797	1-1116-01HI	110707	1-1229-02MI	111279
874670	114845	11025R	115797	1-1120-01HI	111264	1-1230-01ND	110967
881682	111219	1-1026-01ND	111705	1-112-01	110264	11231N	115925
881683	111218	1-1026-01ND-2	111705	11123R	113835	11231R	115925
881684	111219	11027N	113517	1-1124-01HI	110307	1-1236-01HI	110697
9011063163	111658	11027R	113517	11124N	113835	1-1237-01ND	110679
9031146	111321	11032	116140	11124R	113835	1-1240-01ND	110679
9031302	110585	1-1033-01ND	110138	1-1128-01	110632	1-1242-01ND	110675
9031303	112295	1-1039-01DR	110682	1-1128-01HI	110632	1-1250-31DR	110499
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9130002	112557	1-1039-01ND-2	110682	11134N	113992	1-1250-33DR	110499
9130003	112557	1-1039-02ND	110682	11134R	113992	1-1253-01HI	110267
9130217	112557	11041N	115835	11135N	113885	11254N	113992
9130273	112557	11041R	115835	11135R	113885	11255R	113352
9130274	112557	1-1042-01ND	111435	1-1138-01MI	110134	11260N	114524
9130485	112557	1-1043-01ND	111435	1-1142-01MI	110664	11260R	114524
9148665	112557	11043N	114257	1-1142-01MI-2	110664	11262R	113896
9162424	112557	11043R	114257	1-1145-01MI	110664	1-1263-01BO	110877
9162468	112557	11049N	114258	1-1147-01MI	110133	1-1267-01BO	110877
9162617	112818	11049R	114258	1-1148-01MI	110133	1-1273-01BO	110877
9162618	112818	1-1050-02ND	110496	1-1152-01MI	112270	11279N	113352
9162683	112557	11050N	114080	1-1156-01MI	110318	11279R	113352
9162684	112557	11050R	114080	1-1159-01MI	110136	11281R	116186
9164940	112557	1-1051-01ND	110496	11159N	113510	1-1282-01MO	110975
9164941	112557	11051N	112069	11159R	113510	1-1283-24BO	111149
9442130	113754	11051R	112069	1-1160-01MI	111342	1-1293-01BO	110881
9442188	112557	1-1053-01ND	110682	11162N	115414	1-1297-01BO	112746
9442841	112078	1-1053-01ND-2	110682	11162R	115414	11300R	116012
9447863	112557	1-1054-01ND	110496	11163N	113316	11301N	114524
9459038	112078	11054R	114810	11163R	113316	11301N	116012
9459077	112072	11055N	113782	11164R	111950	11301N	116121
9459092	112072	11055R	113782	1-1166-02ND	110496	11301R	114524
9459093	113754	11056R	115975	1-1167-01BO	110759	11301R	116121
9459468	112434	11058N	114214	1-1167-01BO	111289	11302N	115804
9472908	112072	1-1062-01ND	110675	11168N	114865	11303N	115532
9496882	113303	1-1062-02ND	110675	11168R	114865	11303R	115532
9519360	112343	1-1063-01ND	111705	11169N	116110	11304N	116057
9520621	112343	1-1064-01ND	110138	11169R	116110	11304N	116100
9521761	111746	11064N	116172	11174R	115786	11306N	114042
982200	111277	11064R	116172	11176N	115661	11306N	116113
983248	111277	11065N	113510	11176R	115661	11306R	114042
F13210170	115674	11065R	113510	111773A	112261	11306R	116113
		11068N	114737	11177N	114841	11307N	114380
		11068R	114737	11177R	114841	11307N	116060
		11070N	114722	11184R	113352	11308N	114230
		11070R	116172	11188N	115855	11309N	114835
		1-1076-01ND	111435	11188R	115855	11310R	116101
WAI							
10707N	114031						
10707N	115892						
10808N	111863						

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
11311N	114857	1-1423-01HI-2	110631	1-1613-10FD	111200	1-1715-36DR	110235
11312N	113858	11425N	115730	1-1613-11FD	111200	1-1715-40DR	110235
1-1315-01LU	110179	1-1427-01	111264	1-1613-12FD	111200	1-1715-41DR	110235
11319N	114780	1-1427-01HI	111264	1-1613-13FD	111200	1-1715-42DR	110235
1-1321-01LU	110968	1-1427-01MI	111264	1-1613-14FD	111200	1-1715-43DR	110235
1-1323-01LU	110968	1-1428-01MI	111342	1-1613-32FD	112927	11716N	115810
1-1329-01BO	111289	1-1431-10FD	111199	1-1621-21DR	112338	1-1718-31DR	110235
11330N	111906	1-1431-11FD	111199	1-1622-21DR	110500	1-1720-10DR	110235
11330R	111906	1-1431-12FD	111199	1-1623-31DR	110498	1-1720-11DR	110235
11332R	114200	1-1432-01MD	111406	1-1624-31DR	110498	1-1720-16DR	110235
11333N	114200	1-1432-01MI	111406	1-1625-21DR	110499	1-1720-17DR	110235
11333N	115658	1-1434-01MD	110802	1-1625-32DR	110499	1-1720-21DR	110235
11333R	115658	1-1434-01MI	110802	1-1625-33DR	110499	1-1720-31DR	110235
11334N	114811	1-1434-01MI-2	110802	1-1627-32DR	110499	1-1720-32DR	110235
11334N	116311	11440N	116037	1-1628-21DR	112338	1-1720-33DR	110235
11334R	114811	11440R	116037	1-1628-32DR	110500	1-1720-34DR	110235
11336N	115604	1-1447-01ND	112746	1-1628-33DR	112640	1-1720-43DR	110235
1-1337-01BO	110890	1-1449-01BO	111086	1-1629-21DR	112338	1-1720-45DR	110235
1-1337-01MM	110611	1-1450-01BO	111086	1-1629-31DR	112629	1-1721-32DR	110235
1-1338-01BO	110890	1-1451-01BO	110759	1-1629-33DR	112640	11721N	115433
1-1338-01BO	110912	1-1452-01BO	111289	1-1629-34DR	112640	1-1725-10DR	111713
1-1338-01MM	110912	1-1453-01BO	111289	11632N	114751	1-1725-12DR	111713
1-1341-01MM	111035	11454R	116199	11633N	114902	1-1725-13DR	111713
1-1343-01BO	111148	11455N	115532	1-1634-32DR	110502	1-1725-30DR	111713
1-1343-01IK	111035	11455R	115532	1-1635-31DR	110503	1-1725-31DR	111713
1-1343-01MM	111035	11457N	115912	1-1636-31DR	110503	1-1725-34DR	111713
11343N	115340	11457RW	115912	1-1636-32DR	110503	1-1727-40DR	111713
11343R	115340	1-1460-01BO	111653	1-1638-32DR	111090	1-1730-31DR	112888
11344N	115548	11461N	115913	1-1638-33DR	111090	1-1734-11DR	110508
11344R	115340	11461R	115913	1-1639-35DR	110984	1-1734-12DR	110508
11344R	115548	1-1465-01VA	111154	1-1640-31DR	110984	1-1734-19DR	110508
11345N	115966	11466N	115367	1-1640-35DR	110984	1-1734-21DR	110508
11345R	115966	1-1468-01BO	111094	1-1643-31DR	110985	1-1734-23DR	110508
1-1347-01BO	111620	1-1469-01BO	111287	1-1644-31DR	110985	1-1734-24DR	110508
11347N	115606	11471N	114467	1-1645-31DR	110986	1-1734-25DR	110508
1-1352-01BO	110923	11471R	114467	1-1646-31DR	110986	1-1734-40DR	110508
1-1352-01BO	111093	1-1474-01BO	110911	1-1650-01DR	112447	1-1734-41DR	110508
1-1355-01BO	110923	11475N	115306	1-1651-01DR	112447	1-1734-44DR	110508
11355R	114189	11488N	115708	1-1652-31DR	110984	1-1734-46DR	110508
11358N	114189	11491N	115603	1-1652-32DR	110502	1-1734-47DR	110508
11358R	114189	11492N	115603	1-1653-21DR	111220	1-1734-48DR	110508
1-1360-01SV	110931	11501N	115843	1-1659-31DR	110499	1-1734-49DR	110508
11360N	113884	11501R	115843	1-1665-31DR	110503	11734N	115583
1-1361-01PR	110931	1-1503-00ND	111193	1-1666-31DR	110503	11736N	114114
11362N	116169	1-1503-02ND	111193	1-1668-22DR	110724	1-1737-11DR	110508
11362R	116169	1-1507-01ND	111193	11675N	115608	1-1737-12DR	110508
1-1363-01BO	112693	1-1507-02ND	111193	1-1681-12DR	112880	1-1737-13DR	110508
1-1366-01BO	111139	1-1510-01ND	111193	1-1683-11DR	112880	1-1737-14DR	110508
1-1369-01SV	111139	1-1511-01ND	113063	1-1690-21DR	112884	1-1737-16DR	110508
1-1372-01LU	110178	1-1524-01HI	110128	11691N	115320	1-1737-21DR	110508
1-1374-01LU	110891	1-1527-03ND	111193	1-1694-41DR	112886	1-1737-23DR	110508
1-1375-00LU	111185	1-1532-01ND	110138	11698N	115959	1-1737-24DR	110508
1-1375-01LU	111185	1-1537-01MI	111279	1-1706-10DR	110492	1-1737-25DR	110508
1-1376-01LU	111185	1-1537-02MI	111279	1-1706-11DR	110492	1-1737-27DR	110508
1-1377-01LU	111184	1-1538-01BO	111991	1-1706-12DR	110492	1-1737-28DR	110508
11377N	115760	1-1539-00BO	111820	1-1706-15DR	110492	1-1737-29DR	110508
11377R	115760	1-1539-01BO	111820	1-1706-32DR	110492	1-1737-35DR	110508
1-1378-01LU	110179	1-1539-02BO	111477	1-1706-42DR	110492	1-1737-38DR	110508
1-1386-01BO	111096	1-1539-03VA	111477	1-1706-43DR	110492	1-1737-39DR	110508
1-1387-01BO	111094	1-1546-01ND	111705	1-1706-46DR	110492	1-1737-40DR	110508
1-1387-01BO-1	111094	1-1549-01LU	110178	1-1707-12DR	110724	1-1737-410DR	110508
1-1387-01VA	111094	1-1551-01LU	110178	1-1707-41DR	110235	1-1737-411DR	110508
1-1387-01VA	112149	1-1552-01LU	113378	11711N	115437	1-1737-41DR	110508
11388N	114109	1-1556-01ND	110137	1-1713-13DR	110492	1-1737-43DR	110508
1-1392-00BO	110975	1-1557-01BO	110899	1-1713-14DR	110492	1-1737-48DR	110508
1-1395-01BO	111653	11559N	115320	1-1713-21DR	110492	1-1738-21DR	110508
11396N	115923	11565N	114472	1-1713-32DR	110492	1-1738-22DR	110471
1-1398-01BO	110919	1-1566-01HI	110458	1-1714-30DR	110492	1-1738-42DR	110508
1-1398-01VA	110919	1-1567-01HI	110168	1-1714-31DR	110492	1-1740-10DR	110508
1-1399-01BO	111154	1-1572-01BO	111086	11714N	114697	1-1740-12DR	110508
1-1400-01BO	112750	1-1578-01MI	110136	1-1715-10DR	110235	1-1740-21DR	110508
1-1402-01BO	110360	11578N	115795	1-1715-12DR	110492	1-1740-41DR	110508
1-1403-00BO	110913	1-1585-00BO	110975	1-1715-13DR	110235	1-1743-10DR	110508
1-1404-01MO	110913	1-1586-00BO	110360	1-1715-23DR	110235	1-1743-12DR	110508
1-1407-01BO	110360	1-1587-00BO	110913	1-1715-25DR	110492	1-1743-13DR	110508
11415N	115477	1-1593-02HI	110267	1-1715-27DR	110492	1-1743-15DR	110508
11415RW	115477	1-1596-01ND	111435	1-1715-30DR	110235	1-1743-17DR	110508
1-1418-01ND	111538	1-1600-01MI	111315	1-1715-31DR	110235	1-1743-19DR	110508
1-1419-01ND	111538	1-1600-01MI-2	111315	1-1715-33DR	110235	1-1743-20DR	110508
1-1420-01ND	112102	1-1612-31FD	112927	1-1715-34DR	110235	1-1743-212DR	110508
1-1423-01HI	110631	1-1612-32FD	112927	1-1715-35DR	110235	1-1743-21DR	110508

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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1-1743-23DR	110508	1-1758-35DR	110233	1-1860-01ND	111435	1-1996-21DR-1	112893
1-1743-24DR	110508	1-1758-410DR	110233	1-1864-01ND	113089	1-2001-01HI	111704
1-1743-25DR	110508	1-1758-41DR	110233	1-1873-01MD	111237	1-2009-01ND	111705
1-1743-26DR	110508	1-1758-43DR	110233	1-1873-01MI	111237	1-2010-01CH	110236
1-1743-28DR	110508	1-1758-44DR	110233	1-1876-01MI	111285	1-2010-02CH	110236
1-1743-312DR	110508	1-1758-45DR	110233	1-1878-01HI	112977	1-2010-03CH	110236
1-1743-313DR	110508	1-1758-46DR	110233	1-1886-01MD	110802	1-2024-20FD	112946
1-1743-31DR	110508	1-1760-21DR	110233	1-1888-01ND	110563	1-2024-21FD	112946
1-1743-38DR	110508	1-1760-22DR	110233	1-1894-01MI	110927	1-2024-22FD	112946
1-1743-39DR	110508	1-1760-33DR	110233	1-1895-13DR	110984	1-2024-22-FD	112946
1-1743-40DR	110508	1-1761-21DR	110505	1-1904-10FD	112942	12026N	112097
1-1743-410DR	110508	1-1762-21DR	110505	1-1904-11FD	112942	1-2028-01CH	110514
1-1743-411DR	110508	1-1762-41DR	110505	1-1904-12FD	112942	12029N	111180
1-1743-41DR	110508	1-1763-01ND	111579	1-1905-01ND	111578	12029N	116133
1-1743-43DR	110508	1-1765-20FD	112936	1-1910-01BO	111369	1-2030-30FD	112940
1-1743-48DR	110508	1-1765-21FD	112936	1-1911-01BO	112557	1-2030-31FD	112940
1-1743-49DR	110508	1-1766-12DR	111711	1-1912-01DR	112989	12031N	110766
1-1744-21DR	110471	1-1766-21DR	110500	1-1912-02DR	112989	1-2032-20DR	110724
1-1744-22DR	110508	1-1766-22DR	112639	1-1912-03DR	112989	1-2038-01DR	111854
1-1744-41DR	110508	1-1766-32DR	110500	1-1914-00DR	110937	12038N	110970
1-1745-20DR	110508	1-1766-33DR	112640	1-1915-00DR	112994	12038N	111948
1-1745-21DR	110508	1-1776-00DR	110300	1-1915-00DR-1	112994	12040R	111289
1-1745-22DR	110471	1-1781-01DR	111854	1-1915-01DR	111232	12041N	111185
1-1745-42DR	110508	1-1789-11FD	111252	1-1915-02DR	111232	1-2044-00DR	112824
1-1746-21DR	110508	1-1789-30FD	111252	1-1915-03DR	111232	1-2044-00DR-1	112824
1-1746-40DR	110508	1-1789-31FD	111252	1-1915-04DR	111232	1-2045-01BO	112773
1-1746-41DR	110508	1-1789-32FD	111252	1-1915-05DR	111232	1-2046-20FD	112936
1-1747-30DR	110508	1-1794-01FD	110237	1-1918-00DR	112993	1-2046-21FD	112936
1-1747-31DR	110508	1-1796-00FD	110237	1-1918-00DR-1	112993	12046N	111289
1-1749-11DR	110471	1-1796-01FD	110237	1-1918-02DR	112996	12046N	113474
1-1749-13DR	110471	1-1796-02FD	110237	1-1918-03DR	112996	1-2048-11FD	112151
1-1749-14DR	110471	1-1796-03FD	110237	1-1918-04DR	112996	12055N	110137
1-1749-15DR	110471	1-1796-04FD	110237	1-1922-11MO	110408	12055R	110137
1-1749-17DR	110471	1-1796-05FD	110237	1-1936-01ND	111518	1-2059-01MD	111405
1-1749-21DR	110471	1-1796-06FD	110237	1-1937-00LN	110937	12060N	111261
1-1749-22DR	110471	1-1796-09FD	110237	1-1938-01PR	111397	12060N	112261
1-1749-24DR	110471	1-1796-27FD	110237	1-1939-01MI	110133	1-2061-01MI	111384
1-1749-26DR	110471	1-1802-31DR	112614	1-1940-01HI	113412	1-2062-01-1	112068
1-1749-32DR	110471	1-1802-31DR-1	112614	1-1940-02HI	113412	1-2062-MI	112068
1-1749-35DR	110471	1-1802-42DR-1	111223	1-1945-01PR	111397	1-2064-00DR	112824
1-1749-36DR	110471	1-1808-01BO	111479	1-1946-01ND	110564	1-2065-00DR	112824
1-1749-410DR	110471	1-1808-01VA	111479	1-1947-01MD	110959	1-2065-00DR-1	112824
1-1749-41DR	110471	1-1809-01BO	111352	1-1948-01MD	111710	1-2065-00DR-2	112824
1-1749-42DR	110471	1-1809-01VA	111352	1-1949-01BO	111987	12066N	111215
1-1749-43DR	110471	1-1810-01BO	112806	1-1950-01BO	112529	12066R	111215
1-1749-46DR	110471	1-1812-01BO	112687	1-1950-01BO	116129	12068N	110137
1-1749-48DR	110471	1-1813-01BO	111353	1-1950-41VA	111369	12068N	110258
1-1749-49DR	110471	1-1813-01VA	111353	1-1950-42BO	111369	12068N	111195
1-1751-22DR	110471	1-1814-02BO	112194	1-1950-42VA	112529	1-2071-01DR	112868
1-1751-41DR	110471	1-1815-00BO	112194	1-1950-42VA	116129	1-2071-01DR-1	112868
1-1752-20DR	110471	1-1815-01BO	112194	1-1950-44BO	111369	1-2071-01DR-2	112868
1-1752-22DR	110471	1-1816-01BO	112557	1-1950-45BO	110890	12072N1G	111086
1-1753-11DR	110471	1-1818-01CH	110236	1-1951-01MD	110659	12072N-1G	110770
1-1753-20DR	110471	1-1818-04CH	110236	1-1952-01MD	110659	12072N-1G	111086
1-1755-11DR	110233	1-1818-05CH	110236	1-1955-01MI	110659	12072N-1G	111356
1-1755-13DR	110233	1-1820-01CH	110514	1-1956-01MI	111807	12072N-1G	111364
1-1755-18DR	110233	1-1820-02CH	110514	1-1957-01MI	111807	12072N-1G	112238
1-1755-21DR	110233	1-1821-01CH	110514	1-1960-01MI	111495	12072N3G	111356
1-1755-22DR	110233	1-1825-01CH	110514	11960N	115445	12072N-3G	110770
1-1755-23DR	110233	1-1826-01CH	110514	1-1961-01MI	111279	12072N-3G	111086
1-1755-25DR	110233	1-1826-02CH	110514	1-1964-01ND	111705	12072N-3G	111356
1-1755-26DR	110233	1-1827-01BO	112557	1-1967-01ND	110496	12072N-3G	111364
1-1755-31DR	110233	1-1831-01	111285	1-1968-01ND	110967	12072N-3G	112238
1-1755-32DR	110233	1-1831-01MI	111285	1-1969-01ND	111610	12073N	110179
1-1755-36DR	110233	1-1831-01ND	111285	1-1978-01ND	111518	12073R	110179
1-1755-41DR	110233	11832N	114847	1-1980-01ND	112101	12074R	111364
1-1755-44DR	110233	1-1833-01MI	111375	1-1982-01ND	111579	1-2075-01ND	113235
1-1755-45DR	110233	11833N	115814	1-1982-01ND-2	111579	1-2076-01MI	111406
1-1755-46DR	110233	1-1834-01MD	111309	1-1983-01ND	111468	12077N	113562
1-1755-49DR	110233	1-1835-01ND	112102	1-1983-01ND-2	111468	1-2080-01ND	111468
1-1756-21DR	110233	11836N	114839	1-1985-01DR	112615	12080N	110620
1-1756-22DR	110233	1-1838-01ND	111517	1-1985-01DR-1	112615	12080R	110620
1-1756-23DR	110233	1-1839-01ND	111518	1-1985-01-DR-2	112615	1-2081-01ND	111518
1-1757-21DR	110233	1-1840-01ND	111678	1-1991-30FD	112939	12081N	115462
1-1758-11DR	110233	1-1841-01LU	111948	1-1991-31FD	112939	12081R	115462
1-1758-13DR	110233	1-1844-01BO	111676	11993R	115930	1-2087-01ND	113071
1-1758-18DR	110233	1-1846-01BO	111369	1-1995-21DR	111712	1-2087-01ND-2	113071
1-1758-21DR	110233	1-1846-01VA	111354	1-1995-21DR-1	111712	12088N	111289
1-1758-23DR	110233	1-1847-01BO	111076	1-1995-21DR-2	111712	12089N	110178
1-1758-29DR	110233	1-1858-01ND	111428	1-1995-22DR	111712	12089N	111185
1-1758-31DR	110233	1-1859-01ND	111435	1-1996-21DR	112893	12089N	111363

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
12089N	113378	1-2173-11FD	112949	1-2250-01BO	112426	12338N	111048
12090N	111740	1-2173-11FD-1	112949	1-2251-01BO	113486	12339N	111048
12091N	112722	1-2173-11FD-2	112949	12251N-1G	110562	1-2344-00BO	111843
1-2094-01MI	113035	12174N-1G	110959	12251N-1G	110657	12346N	114218
12094R	112718	12174N-6G	111710	1-2252-11BO	112194	1-2347-41ND	111048
12095N	112718	12174R-1G	110959	1-2252-31BO	112530	1-2349-01FD	112958
12095N	113529	12174R-1G	111069	1-2252-42BO	111902	1-2349-01FD-2	112958
12096N	112722	12174R-1G	111619	12252N	110657	12349N	115793
1-2098-01HI	111381	1-2175-31	111223	12252R	110657	1-2350-11FD	112959
1-2104-01MD	111807	12175N	110540	1-2253-01BO	112193	1-2350-11FD-2	112959
12107N	113793	12176N-1G	111710	12253N	113212	12351N	115435
12108N	112270	12176N-6G	111710	1-2258-01BO	112530	12355N	113715
1-2109-11BO	111850	12177N	111710	12259N	112160	12356N	113742
12109N	112270	12179N	111048	12260N	110562	12356R	113742
12110N	110112	12179R	111048	1-2264-31FD	112954	12363N	116109
12110N	111528	12180N	110374	12267N	111051	12365N	111355
12110N	113477	12180R	110374	12270N	111048	12365N	112722
12110R	110112	12180-SECN	110620	12272N	112375	12370N	112062
12110R	111528	12180-SEN	110620	12273N	111186	12373N	115605
12110R	113477	12181N	111017	12275N	113793	12377N	112343
12114N	110448	12182N	110564	1-2279-00DR	112834	1-2378-01MD	111309
1-2115-01MI	111406	12184N	111018	1-2280-00DR	112834	12379N	112529
12115N	112270	12185N	111018	1-2280-00DR-1	112834	12379N	116129
1-2118-01MI	112328	12186N	111017	1-2281-00DR	112834	12381N	113949
12118N	110694	12187N	110629	12281N	111686	12382N	113889
1-2119-11HD	110620	12187R	110629	12286R	110179	12382N	115485
1-2119-11ND	110620	12187-SECN	110629	12286R	111086	1-2383-01VA	111946
12126N	113347	12187-SEN	110629	12286R	111184	12383N-6GN	112197
1-2129-01BO	112806	1-2188-01ND	113365	1-2288-01MD	112327	12383R	112197
12129N	112270	1-2188-01ND-2	113365	12288N	110264	12384N	112425
12130N	111888	12188N	110620	1-2290-01DR	112615	12384R	112425
12130N	113543	12188R	110620	1-2290-01DR-1	112615	1-2385-01BO	111988
1-2131-01VA	112687	12189N	111048	1-2291-00DR	112160	12385N	115318
1-2132-01ND	110629	12190N	111048	1-2291-00DR-1	112160	12386N	112561
12132N	111042	12190R	111048	12291N	111361	12387N	113351
12134N	112097	12192N	114188	12291R	111361	12387N	115557
12135N	111419	12192R	114188	1-2292-00DR	112992	12388N	113448
12136N	112068	12195N	111830	1-2292-00DR-1	112992	12389N	113351
12138N	111495	12195R	111830	1-2293-00DR	112773	12389N	115557
12138R	111495	12196N	110620	12293N	112345	12390N	113600
12143N	113574	12196R	111048	12294N	112288	12390R	113600
12144R	110770	1-2197-21DR	112850	12294R	112747	1-2391-01MI	112270
12144R	111355	12197N	111048	1-2295-00DR	112996	1-2392-01MI	111832
12145N	111843	12198N	111048	1-2296-00DR	112996	1-2395-31BO	113489
12145R	111843	12198R	111048	1-2299-00DR	113432	12398N-OE	111510
12146R	111888	12199N	111048	1-2299-00DR-1	113432	1-2399-01BO	112002
1-2147-01MI	111806	12199R	111048	1-2300-00DR	112996	1-2401-01DR	113498
12147N	112170	1-2202-01MD	111237	1-2300-00DR-1	112996	1-2403-01DR	113350
1-2148-01ND	111779	12202N	113856	12302N	112548	1-2406-01ND	111517
12148N	112170	1-2203-01MI	112362	12303N	110802	12407N	110048
12148R	112170	1-2204-01MI	112328	1-2307-31MD	111710	12407N	110127
12149N	112493	12204N	114515	1-2308-31MD	110540	12411N	113382
12150N	113531	1-2206-21FD	112951	1-2309-31MD	111710	1-2413-01HI	111264
12151N	110105	1-2206-21FD-2	112951	12309N	110448	1-2414-11FD	112961
12152N	110178	12206N	110620	1-2310-31MD	111710	1-2414-11FD-2	112961
12152N	111185	1-2208-01BO	112557	12311	113310	12417N	111658
12152N	111356	1-2208-02BO	112557	1-2311-01BO	112709	1-2419-01DR	112853
12152N	113378	1-2211-01ND	111518	12311N	113310	1-2419-21DR	112853
1-2153-01MI	113310	1-2212-01HI	111807	1-2312-01HI	112270	1-2419-21DR	113777
12153N	112069	12219R	113470	1-2313-01HI	113347	12419N	110052
1-2154-00DR	112834	1-2221-21DR	112853	1-2315-01HI	113401	12421N	113961
1-2154-00DR-1	112834	1-2223-01MI	113322	12318N	114807	12422N	112287
12154N-OE	112112	12223N	111216	12318R	114807	12425R	110540
1-2155-21DR	111712	12223R	111216	1-2319-00LN	110937	12428N	111510
1-2156-21DR	112665	1-2224-01ND	113358	1-2320-21DR	112850	12428N	111569
1-2156-21DR-1	112665	1-2224-01ND-2	113358	12323N	113212	1-2430-01MI	111406
1-2156-21DR-2	112665	1-2224-02ND	113358	12324N	113418	12432N	114079
1-2157-01ND	111779	12224N	113716	1-2332-01HI	112270	1-2434-01MI	111344
1-2158-31FD	112947	1-2228-01ND	113235	1-2333-00DR	112996	12435N	114457
1-2158-31FD-1	112947	1-2228-01ND-2	113235	1-2333-00DR-1	112996	1-2436-01ND	111048
1-2158-31FD-2	112947	1-2231-01HI	111381	12333N	113716	1-2439-01ND	111018
12159N	111843	12231N	111832	1-2334-00DR	112995	1-2440-01VA	112399
12161N	111888	12231R	111832	1-2334-00DR-1	112995	12443N	110112
12161R	111888	1-2233-01MD	113652	1-2334-00DR-2	112995	1-2446-01MD	113656
12163N	111888	1-2236-01ND	110445	12334N	113716	1-2447-01MI	112067
12164N	110891	1-2236-10ND	110445	1-2335-01ND	110620	1-2451-01VA	111478
12165N	110801	1-2237-00BO	111888	1-2336-01ND	111048	1-2452-01BO	112075
12167N	111834	12239R	111366	1-2336-01ND	113921	1-2454-01MM	112718
12168N	113531	12243N	113212	12337N	114205	1-2458-01ND	113715
12169N	112046	1-2244-11BO	112078	1-2338-01FD	112956	12459N	111075
1-2171-01DR	111426	1-2245-11BO	112072	1-2338-11FD	112956	12459N	114084

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
1-2462-31MD	110540	1-2608-01FD	113709	12769N	115445	13214N	110965
1-2463-01MD	110540	12610N	111629	12770N	115794	13214N	110967
1-2466-01MD	113600	12610N	111833	12771N	114097	1-3219-01LU	111739
12470N	114043	12614N	113716	12771N-TO	114097	13227N	115617
12470R	114043	12615N	111842	12772N	113742	13227R	115617
1-2471-01HI	110448	12615N	112343	12775N	114113	13240N	110682
12473N	112358	1-2621-01LU	111355	12775R	114113	13243N	112734
1-2474-01HI	113418	12626N	111626	12776N	114191	13243R	112734
12475N	114364	12626N	111956	12777N	114256	13244	112746
1-2476-01ND	111048	12626R	111626	12777N-TO	114256	13244N	112746
1-2476-01ND	113921	12627N	111339	12777R	114256	13244R	112746
12476N	114725	12636R	111626	12780N	114681	13244RW	112746
1-2477-01ND	111048	12636R	111956	12781N	112062	13245N	111193
1-2478-01ND	111048	12642N	110806	12782N	114379	13245R	111193
1-2478-01ND	113921	12642N	111240	12785N	114450	13249N	110802
1-2479-01MI	110802	12642R	110806	12786N	114772	13250N	110632
1-2480-01MI	113562	12643R	112128	12790N	114698	13255	110965
1-2481-01HI	110694	12644R	112355	12791N	114698	13255	110967
1-2484-01DR	113692	12647N	114432	12792N	114896	13255N	110965
1-2485-01DR	113685	12647N	114461	12795N	114211	13255N	110967
12485N	113997	12647R	114432	12796N	114211	13271N	110802
12488N	114116	12648R	112065	12799N	112492	13271R	110802
1-2489-01DR	113694	12650N	114190	12807N	114085	13278N	111705
1-2490-01HI	113420	12651N	114518	12811N	114036	13278R	111705
12493N	115845	12651R	114518	12811N	116116	13285N	112351
12495R	111280	12653N	114679	12811N	116117	13285R	112351
1-2497-01ND	113607	12656N	112721	12814N	114302	13289N	110804
1-2499-01MI	113634	12656N	114251	12814N	114714	13289R	110804
1-2500-31BO	113531	12660R	113975	1-2816-01MI	113782	13294N	111609
1-2501-01DR	113498	12664N	111872	12816N	115848	13297	110664
1-2501-31BO	111843	12664R	111872	12819N	116131	13297R	110664
1-2516-01VA	112193	12666R	111594	1-2828-01HI	111381	13299N	110664
1-2518-41BO	112170	12667	112205	12828N	110540	13306N	111193
12518N	116075	12667N	111594	12828R	110540	13306R	111193
1-2519-01BO	112079	12667N	112128	1-2851-01ND	111215	13307N	111193
1-2520-01BO	111989	12667N	112205	12861N	113562	13307R	111193
1-2521-01BO	113300	12667R	112205	12861N	114759	13312N	111193
1-2522-01BO	112193	12667RW	112205	12880N	113899	13312R	111193
12524N-OE	113714	12670N	114683	12881N	115545	13314	111237
1-2525-01VA	111528	12670N	114813	12885N	112098	13316	110967
1-2525-01VA	111658	12670N	115385	1-2994-01BO	113352	13316R	110967
12526N	112237	12673N	114664	1-2996-01DR	113691	13319	110496
12526N	113152	12677R	112196	1-3005-00BO	112773	13321N	111705
12526N-OE	112237	12677R	115987	13018R	110877	13321R	111705
12526N-OE	113152	12678N	112389	1-3045-01DR	113694	13323N	110682
1-2527-01VA	111873	12680N	110052	13048N	111096	13323R	110682
12531N	111048	12680N-120A	110052	13048R	111096	13327R	111264
12534N	112721	12683N	113610	13056N	110923	13329N	111264
12547N	114513	12684N	111978	13056R	110923	13329R	111264
12551N	112210	12689N	114802	13059N	111397	13334N	110631
12558N	112492	12690N	114049	13068N	111397	13336N	111279
12560N	114489	12697N	116114	13068R	110048	13337N	113519
12560R	114489	12706N	111886	13068R	111397	13337R	113519
12562N	112492	12709N	112076	13075R	110890	13341N	111193
12564N	112069	12714N	114825	13080N	111096	13341R	111193
12566N	112069	12719N-OE	110977	13080R	111096	13350N	111237
12566R	112069	12723N	113351	13093R	110360	13351R	111406
12571N	112803	12723N	114753	13101R	110877	13353N	111193
12573N	112784	12723N	115498	13101R	112310	13353R	111193
12578R	113279	12724N	113998	13107N	111289	13354N-7G1	111193
12580N	110882	12724N	115492	13107R	111289	13354N-7G2	111193
12580R	110882	12728N	112559	13109R	110911	13354R-7G1	111193
12581N	114669	12730N	114456	13113R	110877	13354R-7G2	111193
12583R	110890	1-2731-01MM	113537	13127N	114411	13355R	111354
12585N	112159	12734N	113562	13143N	110445	13356N-8G	112194
12586N	110895	12737N	111411	13143R	110445	13356R	112194
12587N	112170	12737N	113763	13146R	110891	13357N	112806
12588N	113279	12738N	113763	13152N	110912	13357R	112806
12588N	114765	12738R	113763	13152R	111620	13359N	112194
12588R	114765	12739N	113967	13163N	111176	13361R	112693
12589N	113284	12739N	115742	13164R	110891	13367N	112734
12589N	115491	12740R	113621	13169R	111428	13367R	112734
12590N	112427	12744N	113886	13174R	110919	13376N	111354
12590N	115871	12745N	113971	13193N	110105	13376R	111354
12591N	113188	12746N-OE	110976	13194N	111649	13380R	111353
12591N	115484	12748N	115995	13196N	110664	13380R6G	111353
12594N	114296	12750N	110497	13203N	112736	13380R-6G	111353
12594N	115489	12751N	113633	13208N	111226	13381N6G	111477
12596N	111746	12756N	115803	13208R	111226	13381N-6G	111353
12599N	114212	12761N	112671	13209N	115715	13381N-6G	111477
12602N	113497	1-2766-01HI	112067	13209R	115715	13381N-6G	111820

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
13381N-7G	111353	13607R	111076	13780R	113322	13857N	115791
13381N-7G	111477	13609N	111514	13781N	114247	13867R	115936
13381N-7G	111820	13609R	111514	13783N	112327	13868	114511
13381R6G	111477	13610N-6G2	111369	13783R	112327	13870	113803
13382R-6G1	111820	13614	111807	13785N	111807	13871	113803
13382R-6G1	112709	13614N	111807	13786N	112362	13873N	113607
13382R7G2	111991	13614R	111807	13786R	112362	13873R	113607
13382R-7G2	111991	13615N	112362	13787N	112328	13878N	114158
13382RW	112709	13615R	112362	13788N	111384	13878N	114361
13384N	113085	13622N	111988	13788R	111384	13878R	114361
13384R	113085	13623R	112806	13792R	113489	13879N	114361
13393N	111538	13623R	113758	13794N	114362	13879R	114361
13393N	112102	13624R	113758	13794R	114362	13882N	112193
13393R	111538	13625R	112765	13795N	111950	13882R	112193
13397N	111705	13626N	111898	13796N	114433	13883N	114356
13397R	111705	13626N	111899	13796R	114433	13883R	114356
13407N	111705	13626R	111898	13797N	112194	13884N	113302
13414N	111610	13633N	114263	13797N	112530	13884R	113302
13414R	111610	13637N	111704	13798N	113486	13885N	112363
13415N	111279	13637R	111704	13798R	113486	13889N	113634
13415R	110967	13649N	113035	13800R	112557	13890N	113634
13415R	111279	13649R	113035	13801N	112072	13893	113954
13435N	111406	13657N	111381	13801R	112072	13893N	113954
13435R	111406	13657R	111381	13802N	112078	13893R	113954
13436R	111740	13664N	111946	13802R	112078	13895N	112067
13440N	111435	13664R	111946	13810N	116170	13895R	112067
13440R	111435	13671R	114362	13811N	111890	13896N	115660
13441N	111676	13673N	112357	13811R	111890	13898N	112328
13446N	111315	13679N	111779	13812N	115844	13898R	112328
13446R	111315	13680N	111779	13812R	115844	13900N	113420
13450R	111375	13692N	111806	13813N	114452	13900R	113420
13451N	110802	13692R	111806	13813R	114452	13901N	111381
13451R	110802	13696N	113763	13814N	111478	13901R	111381
13455N	111538	13696R	113763	13814R	111478	13902N	111353
13455R	111538	13697N	115742	13815N	112426	13902N	111477
13456N	110496	13697R	115742	13815R	112426	13902N	111820
13456R	110496	13700N	111285	13818R	111902	13902N	111899
13457N	111518	13700R	111285	13819N	111902	13902RW	111820
13465R	112687	13701	111309	13819R	111902	13903R	111899
13470N	112687	13701N	111309	13820N	113634	13904N	110360
13470R	112687	13701R	111309	13822N	113358	13904N	112002
13474N	111264	13702N	111405	13822R	113358	13908N	115789
13474R	111264	13703N	111406	13826N	111381	13912	113607
13482N	111579	13703R	111406	13829N	113634	13919	114115
13485N	111678	13707R	110923	13833R	111988	13921N	112399
13485R	111678	13709R	112529	13833R-6G	111988	13921RW	112399
13486N	111518	13709R	116129	13839N	111309	13922N	113751
13486R	111518	13710N-6G	111850	13839R	111309	13922R	113751
13489R	111518	13710N-6G	112196	13840N	112328	13925R	115788
13499N	111517	13710N-6G	115987	13845N	112072	13926N	115787
13499R	111517	13710R-6G	111850	13845R	112072	13926R	115787
13501R	112101	13710R-6G	112196	13846N	112193	13930N	112399
13509N	111285	13710R-6G	115987	13846R	112193	13930R	112399
13509R	111285	13711N	111518	13849N	113340	13932N	113751
13520R	112557	13711R	111518	13849R	113340	13932N	113882
13523N	111237	13718N	111384	13850N	112075	13932R	113751
13523R	111237	13719N	112067	13850R	112075	13932R	113882
13541N	112557	13719R	112067	13851N	111989	13935N	113563
13541R	112557	13728N	113317	13851N	112075	13935R	113563
13549	111264	13730	111807	13851N	112079	13937N	113317
13549N	111264	13731N	111807	13851N	113340	13937R	113317
13549R	111264	13733R	111946	13851N	113887	13943N	111426
13552N	113089	13736N	111514	13851N	114789	13945	114522
13552R	113089	13736R	111514	13851N	115482	13945R	114522
13556N	111517	13742N	113071	13851RW	112079	13946N	111989
13557N	111468	13742R	113071	13852N-6G	111989	13946N	112079
13559N	111807	13748R	113089	13852N-6G	112075	13948N	113656
13559R	111807	13751N	112328	13852N-6G	112079	13950N	111779
13564N	112977	13753N	111779	13852N-6G	112274	13951N	113283
13564R	112977	13754N	111468	13852N-6G	113340	13951N	113751
13584	110659	13758R	115748	13852N-6G	113887	13951R	113283
13584N	110659	13761R	111873	13852N-6G	114789	13951R	113751
13594N	113235	13763N	113365	13852N-6G	115482	13952N	113273
13594R	113235	13763R	113365	13852R	113887	13952R	113273
13596N	111406	13765N	113235	13853N	112002	13953N	114836
13596R	111406	13765R	113235	13853N	113275	13953R	114836
13597N	111406	13779N	111850	13853N	115483	13954N	113877
13597R	111406	13779N	113489	13855N	113489	13954R	113877
13605N	111352	13779R	111850	13855R	113489	13957R	114186
13605R	111479	13779R	113489	13856N	114433	13958N	114186
13606R	111352	13780N	113322	13856R	114433	13958R	114186

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
13961N.....	115935	14255N.....	110267	14843.....	110628	16562N.....	115344
13961R.....	115935	14255N.....	110307	14843R.....	110628	16563N.....	111755
13966N.....	113712	14255R.....	110168	14849N.....	111705	16584.....	110280
13966R.....	113712	14267N.....	110318	14849R.....	111705	16584N.....	110280
13969N.....	112772	14293R.....	110912	14857R.....	110675	16608N-M127.....	110462
13971N.....	111873	14294R.....	111035	14863N.....	115432	16608N-M127.....	110818
13972R.....	111883	14295R.....	110882	14875R.....	112149	16608N-M127.....	116137
13973N.....	113657	14303N.....	110267	14906R.....	110631	16608N-M50.....	110462
13973R.....	113657	14303N.....	110307	14910R.....	110664	16608R-M127.....	110462
13974N.....	115307	14303R.....	110267	14921R.....	112728	16608R-M127.....	110818
13974R.....	115307	14303R.....	110307	14923R.....	112728	16608R-M127.....	116137
13975N.....	112428	14329R.....	110975	14949N.....	110641	16608R-M50.....	110462
13975N.....	115673	14366R.....	110138	14951N.....	111662	16614N.....	110490
13975R.....	112428	14390N.....	112098	14951N.....	116131	16619R.....	111066
13975R.....	115673	14391N.....	111141	14959R.....	111321	16635N.....	111224
13976N.....	115473	14394N.....	110881	14970N.....	112149	16637R.....	110421
13976R.....	115473	14396R.....	112735	14970R.....	112149	16644N.....	111224
13980.....	114272	14408R.....	110913	14972R.....	112750	16658N.....	110627
13981.....	116140	14410R.....	110913	14989N.....	111578	16660N.....	110438
13982N.....	111950	14412R.....	110975	14989R.....	111578	16664N.....	110818
13986N.....	115677	14412R.....	111035	14990R.....	111096	16669N.....	112136
13986R.....	115677	14421R.....	110881	15005N.....	110483	16670N.....	110565
13995N.....	116020	14430N.....	110318	15005N.....	112119	16670N.....	111346
13995R.....	116020	14430R.....	110318	15017N.....	110482	16670N.....	113672
13996N.....	115368	14436N.....	110659	15017N.....	110483	16670N.....	114107
13996R.....	115368	14449N.....	110496	15017R.....	110482	16670N.....	115881
13997N.....	113272	14449N.....	110628	15017R.....	110483	16708N.....	110149
13997R.....	113272	14449R.....	110496	15027N.....	110484	16708N.....	110808
13998N.....	113272	14491N.....	111141	15268CN.....	111225	16708R.....	110149
13998R.....	113272	14534N.....	110128	15268N.....	111225	16711.....	110277
14000R.....	111139	14571R.....	110136	15268R.....	111225	16711R.....	110277
14001N.....	113300	14574.....	111428	15404N.....	113144	16722R.....	111061
14014R.....	110178	14585R.....	110267	15410BN.....	111919	16732R-HT.....	111728
14014R.....	110179	14588R.....	110128	15420N.....	113145	16732R-MT.....	111728
14014R.....	114884	14592N.....	110458	15421N.....	113144	16737.....	110260
14022R.....	110178	14593R.....	110138	15422N.....	113145	16737N.....	110260
14022R.....	111185	14594R.....	110931	15423N.....	113146	16737R.....	110260
14022R.....	113378	14597N.....	112270	15425N.....	113147	16739N.....	110573
14024R.....	110179	14597R.....	112270	16021N.....	116016	16739N.....	111683
14024R.....	110700	14611N.....	110496	16058N.....	114852	16739R.....	110573
14024R.....	110969	14611N.....	111705	16121N.....	111103	16739R.....	111683
14024R.....	114881	14623N.....	113768	16122R.....	111102	16740N.....	110719
14029N.....	110759	14643N.....	111428	16134R.....	111865	16756R.....	110367
14030N.....	110179	14643R.....	111428	16184R.....	110336	16756R.....	110866
14030N.....	111184	14646R.....	110318	16191N.....	112296	16771R.....	110386
14030R.....	110179	14648N.....	110697	16203N-8T.....	110144	16775R.....	110279
14030R.....	111086	14648R.....	110697	16203R.....	110144	16790N.....	110411
14030R.....	111184	14649R.....	110697	16205R.....	110142	16790R.....	110411
14030R.....	111364	14663R.....	110707	16207.....	110156	16791N.....	110421
14037N.....	110178	14679N.....	110496	16207.....	113465	16793N.....	110292
14037N.....	111289	14679N.....	111428	16207N.....	110156	16794.....	110256
14037R.....	110178	14683.....	110496	16210-9T.....	110256	16794N.....	110256
14037R.....	111289	14683.....	111705	16210N.....	110256	16795.....	110182
14037RW.....	110968	14684N.....	110965	16211.....	110142	16795N.....	110182
14037RW.....	111185	14687N.....	112270	16211N.....	110142	16795N-ND.....	110182
14037RW.....	113378	14690R.....	110318	16215R.....	110421	16795R-ND.....	110182
14048R.....	111289	14690R.....	110805	16218.....	110152	16797R.....	110585
14050R.....	110968	14690R.....	110811	16218N.....	110152	16798.....	111005
14050R.....	111185	14701.....	110136	16223N.....	110154	16798N.....	111005
14051N.....	116171	14702.....	110136	16231R.....	110154	16805.....	110277
14054N.....	110891	14702R.....	110136	16283R.....	110831	16805N.....	110277
14054R.....	110891	14735N.....	113412	16360R.....	111054	16805R.....	110277
14054RW.....	110891	14735R.....	113412	16372N.....	110531	16806R.....	111023
14088R.....	110179	14742N.....	110267	16408N.....	110865	16807N.....	111023
14088R.....	111184	14742R.....	110267	16408R.....	110865	16809R.....	110575
14092R.....	110168	14745N.....	110267	16445N.....	110368	16814R.....	111728
14105N.....	110128	14745N.....	110703	16445R.....	110368	16816N.....	111312
14105R.....	110128	14745R.....	110267	16450CN.....	110363	16816R.....	111312
14129N.....	110138	14745R.....	110703	16450N.....	110363	16823.....	110396
14129R.....	110138	14756R.....	111705	16450R.....	110363	16823R.....	110396
14130N.....	110138	14757R.....	110675	16463R.....	112295	16830N.....	110708
14130N.....	110628	14759R.....	110927	16465R.....	110338	16831.....	110411
14194N.....	110133	14778N.....	112729	16468R.....	111561	16831N.....	110411
14213.....	110128	14779R.....	110913	16484R.....	110793	16839R.....	110149
14213N.....	110128	14783N.....	111149	16488R.....	110367	16853N.....	110809
14231N.....	110264	14783R.....	111149	16500R.....	110157	16853R.....	110809
14231R.....	110264	14797R.....	110919	16522R.....	110157	16854N.....	110809
14241.....	111352	14818N.....	111154	16530N.....	111131	16857R.....	110389
14241R.....	111352	14818R.....	111154	16546R.....	110858	16873N.....	113194
14255N.....	110168	14820N.....	111093	16548R.....	110864	16884N.....	112214
14255N.....	110264	14820R.....	111093	16556R.....	110996	16889N.....	111451

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
16895N	110709	17093N	110813	17294R	110462	17586N	114167
16895R	110709	17094N	110534	17294R	116137	17592N	111970
16896N	110581	17095N	111755	17295N	110279	17592R	111970
16913N	111442	17096N	110809	17295N	111312	17593N	114443
16922N	110149	17097N	112178	17295R	111312	17605N	111765
16922N	110808	17097N	112185	17300N	110552	17612N	114748
16922N	111970	17098N	110447	17302N	113428	17614N	113429
16922R	110808	17098N	111021	17307N	111885	17616N	110944
16922R	111970	17099N	110485	17311N	112036	17628N	112546
16924	110182	17100N	110626	17311N	113238	17630N	115625
16924N	110182	17106N	110525	17315N	111404	17634N	113429
16933N	110810	17110N	110572	17316N	111047	17639N	110439
16933R	110810	17110N	113668	17318N	112041	17643N-OE	115572
16935N	110415	17110R	110572	17320N	110527	17644N	110443
16939N	110811	17110R	113668	17331N	110938	17645N	110442
16940N	110158	17112N	111004	17353N	113429	17645N	110565
16940N	110315	17114N	110530	17362N	113478	17646N	112074
16940N	110479	17131N	111241	17375N	110485	17647N	110465
16956N	111010	17131R	111241	17376N	113203	17648N	110394
16956R	111010	17132N	110810	17379N	110626	17649N	110615
16960	113408	17132R	110810	17380N	110941	17649R	110615
16960N	111442	17134N	111059	17381N	114260	17652N	110256
16960N	112214	17134R	111059	17382N	111087	17652N	110442
16966N	110394	17135N	111489	17382R	111087	17652N	110460
16975N	112214	17135R	111489	17383N	113681	17652N	110565
16975R	112214	17140N	111400	17391N	116072	17652N	111346
16978R	111544	17140R	111400	17392N	110626	17652N	111730
16980N	111490	17141N	110933	17399N	110961	17652N	114279
16984N	112660	17142N	111310	17407N	112309	17652N	114650
16986R	110386	17145	111023	17407R	112309	17653N	110818
16990N	113725	17145R	111023	17415N	111748	17653N-OE	110819
17005R	112541	17146N	111303	17415R	111748	17656N	115311
17006N	111349	17146N	111459	17416N	111749	17658N	115998
17006R	111349	17147	111312	17416R	111749	17662N	112215
17009N	111120	17149N	113745	17418N	110941	17662R	112215
17010N	110807	17149R	113745	17425N	111485	17670N	110847
17010R	110807	17157R	110587	17425R	111485	17670R	110847
17011R	110842	17163R	113481	17437N	111108	17671N	113119
17028N	110447	17168N	110533	17453N	111865	17671R	113119
17030N	111060	17170N	111552	17453R	111865	17678N	114775
17030R	111060	17171N	110713	17458N	110961	17678N	115502
17030RW	112286	17171N	111984	17459	116071	17678R	114775
17035R	110585	17176	110572	17462N	112489	17679N	113649
17037	112267	17176N	110572	17465N	111492	17679N	113665
17037N	112267	17176R	110572	17466N	111764	17681R	113649
17037R	112267	17181N	110808	17466R	111764	17685N	112368
17038	111851	17184N	110640	17467N	113044	17685R	112368
17038N	111851	17185N	110811	17467R	113044	17687R	114255
17038R	111851	17194N	110394	17469N	110810	17688N	110279
17039N	111347	17197N	111492	17469R	110810	17688N	111312
17039R	111347	17197R	111492	17481N	110713	17692N	115559
17040N	111065	17198N	110961	17485N	113169	17692N	116054
17040NVA	111851	17212R	110158	17492R	110249	17695R	111382
17040N-VA	111065	17222N	111059	17493N	113108	17698N	111851
17040N-VA	112440	17222R	111059	17495N	110713	17701N	111130
17040R	111065	17223N	112131	17495N	111984	17702AR	111911
17042N	112537	17223R	112131	17497N	112553	17702N	111911
17042R	112537	17228N	111752	17497R	112553	17702R	111911
17043R	110862	17231N	112167	17508N	112818	17703N	114226
17066N	113847	17231R	112167	17508R	112818	17703R	114226
17066R	113847	17232N	110627	17519N	110713	17704N	110808
17068N	111069	17234N	112052	17519N	111984	17704R	110808
17068R	111069	17236N	114118	17519R	111984	17709N	111307
17071N	111573	17236R	114118	17526N	112214	17713N	111382
17072N	110565	17237N	112172	17526R	112214	17713R	111382
17073N	110523	17237R	112172	17532N	111984	17717N	111552
17074N	110536	17242N	111451	17533N	113169	17719N	111756
17074N	116139	17244N-OE	111703	17534N	111463	17723N	111451
17074N	116312	17246N	111608	17534N	114255	17724N	111900
17075N	110536	17256N	110713	17546N	113402	17724R	111900
17075N	116139	17257N	111793	17546R	113402	17725N	112286
17075N	116312	17259N	111785	17548N	113114	17725R	112286
17075R	110536	17263N	111544	17548R	113114	17728N	113392
17075R	116139	17263R	111544	17559N	112846	17728R	113392
17075R	116312	17285N	110249	17564N	112301	17729N	113398
17077N	112660	17285N	111442	17564R	112301	17729R	113398
17081N	111275	17288N	110958	17573N	113116	17730N	111347
17084N	111764	17288R	110958	17578N	112276	17730R	111347
17084R	111764	17291N	113141	17578R	112276	17732N	113040
17086N	113478	17294	110462	17581N	113171	17732R	113040
17092N	110522	17294	116137	17581R	113171	17733N	113038

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
17734N.....	111971	17844N.....	113821	17976N.....	114837	18183N.....	111189
17743N.....	112214	17850N.....	111552	17976R.....	114837	18190N.....	110580
17745N.....	111608	17850N.....	113314	17977N.....	111694	18194N.....	111254
17745R.....	111608	17851N.....	115616	17977R.....	111694	18197N.....	113239
17745R.....	111803	17852N.....	113282	17977RW.....	111694	18198N.....	113172
17746N.....	113629	17852R.....	113282	17978N.....	115947	18198N.....	114738
17746R.....	113629	17853N.....	111911	17978R.....	115947	18198N.....	116071
17748N.....	113171	17854N.....	114295	17979N.....	114315	18198R.....	113172
17749N.....	111349	17854R.....	114295	17979R.....	114315	18199BN.....	111839
17749R.....	111349	17855N.....	113286	17980N.....	114763	18199CN.....	111839
17750N.....	113387	17855R.....	113286	17980R.....	114763	18199N.....	111839
17750R.....	113387	17856N.....	115940	17982N.....	115341	18203N.....	112478
17751N.....	112321	17856N.....	114308	17982R.....	115341	18205N.....	113924
17751R.....	112321	17865R.....	114308	17988N.....	114820	18205N-ND.....	113408
17754N.....	113618	17866N.....	113618	17989N.....	115569	18209N.....	111706
17754R.....	113618	17869N.....	113821	17991N.....	111374	18218N.....	112674
17755N.....	111900	17870N.....	113821	18004N.....	111197	18218N.....	113680
17758N.....	115942	17877N.....	113642	18009N.....	113596	18218R.....	113680
17758R.....	115942	17877R.....	113642	18010N.....	114823	18219N.....	113408
17761N.....	113638	17879N.....	111349	18012N.....	113597	18219N.....	114281
17762N.....	113521	17881N.....	111552	18013N.....	110485	18219R.....	113408
17762R.....	113521	17882N.....	113642	18014N.....	110485	18219R.....	114281
17764N.....	113020	17882R.....	113642	18019N.....	111021	18223N.....	110209
17764R.....	113020	17883N.....	114093	18024N.....	112074	18230N.....	111855
17765N.....	111730	17883N.....	115512	18026N.....	112555	18230N.....	116128
17765R.....	111730	17883R.....	114093	18029N.....	110529	18232N.....	112071
17770N.....	111848	17883R.....	115512	18030N.....	110521	18232N.....	112555
17772N.....	111971	17888R.....	115744	18031N.....	110517	18236N.....	115472
17772R.....	111971	17890N.....	115950	18032N.....	110520	18238N.....	111300
17774N.....	112367	17890R.....	115950	18033N.....	110518	18238N.....	111703
17774R.....	112367	17893N.....	115783	18034N.....	113968	18239N.....	112323
17775.....	116250	17897N.....	113820	18035N.....	112175	18241N.....	110576
17775N.....	116250	17902R.....	114198	18048N.....	116149	18242N.....	113129
17777N.....	112367	17905N.....	111971	18050N.....	110573	18245N.....	111913
17778N.....	111769	17906R.....	114488	18051N.....	112374	18245R.....	111913
17778R.....	111769	17909N.....	113795	18054.....	111586	18246N.....	114169
17779N.....	111382	17914N.....	113819	18054N.....	111586	18250N.....	116040
17779R.....	111382	17914R.....	113819	18054R.....	111586	18251N.....	112037
17780N.....	112005	17919N.....	114174	18055N.....	112373	18253N.....	110208
17780R.....	112005	17919R.....	114174	18058N.....	113191	18254N.....	112670
17781N.....	111909	17920N.....	113513	18059N.....	110616	18261N.....	110464
17781R.....	111909	17920R.....	113513	18061N.....	110386	18263N.....	110444
17782N.....	110847	17922N.....	114740	18061N.....	110719	18266N.....	114674
17783N.....	112300	17922R.....	114740	18065N-OE.....	111574	18266R.....	114674
17790N.....	113613	17925N.....	114477	18065N-OE.....	112267	18277N.....	110356
17790R.....	113613	17926N.....	116039	18067N.....	110820	18277N.....	111299
17792N.....	111865	17926R.....	116039	18078N.....	110656	18279N.....	111136
17792R.....	111865	17931N.....	113638	18084N.....	110555	18279N.....	111534
17794N.....	110490	17940N.....	114279	18096N.....	110182	18279R.....	111534
17796N.....	113638	17940R.....	114279	18100N-ND.....	110580	18281N.....	111247
17802N.....	112276	17945N.....	110178	18100N-ND.....	112649	18284N.....	110723
17802R.....	112276	17945N.....	110759	18104N.....	110656	18289N.....	110565
17804N.....	114316	17952N.....	115338	18107N.....	111020	18296N.....	112083
17804R.....	114316	17952R.....	115338	18110.....	110617	18299N.....	110412
17805.....	113314	17957N.....	114389	18110N.....	110617	18299N.....	111683
17805R.....	113314	17957R.....	114389	18113N.....	110206	18305N.....	111840
17805RW.....	113314	17958N.....	114137	18118N.....	114744	18310N.....	114675
17806N.....	113314	17958R.....	114137	18139N.....	113696	18313N.....	114261
17806R.....	113314	17959N.....	113821	18141N.....	110940	18314N.....	111766
17810N.....	111241	17960N.....	113821	18142N.....	110940	18319N.....	112008
17811N.....	114885	17962N.....	115637	18143N.....	113204	18326N.....	115981
17818N.....	110627	17962R.....	115637	18144N.....	110720	18327R.....	111274
17819N.....	112166	179653N.....	110819	18145N.....	113893	18328N.....	111274
17819R.....	114160	17966N.....	114178	18146N.....	110245	18328N.....	111690
17820N.....	112429	17966R.....	114178	18146N.....	110356	18328R.....	111274
17820R.....	112429	17966R-HT.....	114178	18148N.....	110246	18328R.....	111690
17821N.....	113613	17966RLT.....	114178	18148R.....	110246	18329N.....	111926
17822N.....	113613	17966R-LT.....	114178	18151N.....	111387	18330N-K.....	112010
17824N.....	113171	17967N.....	114163	18151N.....	112336	18330N-P.....	112010
17825N.....	114037	17967R.....	114163	18153N.....	115552	18330N-PL.....	112010
17825N.....	114255	17969N.....	113773	18154N.....	111197	18332N.....	111922
17825N.....	114817	17970N.....	113773	18158N.....	112545	18336N.....	111927
17825R.....	114037	17970N-VA.....	113773	18162N.....	110421	18337N.....	111921
17825RW.....	114037	17970R.....	113773	18163N.....	111272	18342N.....	114693
17827N.....	113659	17970R-VA.....	113773	18163R.....	111272	18343N.....	113429
17827R.....	113659	17971N.....	113509	18171N.....	111273	18349N.....	115992
17836N.....	114225	17971R.....	113509	18171R.....	111273	18350N.....	112246
17839N.....	113642	17972N.....	113841	18175N.....	110938	18355N.....	113974
17840N.....	111451	17972R.....	113841	18175N.....	110940	18358N.....	110856
17841N.....	114419	17973N.....	113446	18178N.....	110485	18358N.....	111100
17841R.....	114419	17975N.....	114179	18180N.....	110490	18359N.....	113478

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
18360N	111851	18630AN	115755	19095R	115943	19715N	111786
18360R	111851	18630N	115755	19097N	112544	19721R	112541
18360RW	111851	18631N	112442	19104N	115352	19722N	113979
18360RW	112440	18638N	114715	19106N	114873	19724N	113980
18361N	115609	18645N	113528	19109N	115559	19741N	114073
18364N	114523	18662N	114104	19109N	116054	19746N	114259
18365N	112172	18727N	113540	19112N	115719	19747N	113206
18369N	112034	18754N	113546	19115N	115825	19749N	114739
18371N	110524	18756N	113545	19115R	115825	19753N	113129
18374N	113182	18886N	114182	19120N	115564	19756N	110315
18375N	110210	18894N	111917	19124N	113020	19774N	110555
18376N	110980	18894N	116127	19125N	115597	19774N	114164
18377N	112119	18905BN	116078	19137N	115361	19779N	112224
18380N	110208	18905N	116078	19150N	114507	19780N	111910
18387N	113534	18915N	111334	19153N	111000	19782N	112132
18392N	112116	18916N	111335	19156N	111855	19784N	110582
18393N	110214	18917N	116046	19156N	116128	19785N	114053
18394N	111272	18919N	110442	19161N	115322	19786N	114860
18395N	112177	18930N	110205	19162N	114485	19787N	113205
18398N	113551	18931N	110207	19167N	114474	19792N	114002
18399N	112010	18936N	113725	19169N	114678	19793N	114050
18400N	110447	18940N	113655	19188N	115968	19794N	111996
18400R	110447	18940N-IK	114388	19214N	115900	19795N	113891
18402N	114340	18940N-IK	116308	19214R	115900	19796N	114196
18403N	114486	18941N	114387	19215N	115638	19802N	113891
18408N	113429	18941N	116307	19225N	115448	19820N	114527
18410N	110411	18941N-IK	113654	19226N	116275	19824N	114740
18411N	111197	18944N	113670	19227N	113906	19825N	114275
18413N	112547	18948N	110552	19241N	115768	19827N	110182
18414N	110447	18949N	112534	19253N	116269	19829N	111683
18414N	114485	18950N	110813	19257N	111785	19831N	114310
18415N	111915	18951N	113181	19269N	111001	19831N	115888
18416N	111918	18954N	113900	19278N	115741	19839N	112374
18417N	110447	18955N	114021	19294N	113819	19839N	116112
18419N	110447	18956N	114033	19311R	115696	19842N	113210
18419N	112547	18957N	111638	19320N	114086	19846N	114340
18420N	111917	18958N	112494	19320N	115896	19847N	114222
18421N	112011	18959N	113277	19400N	114196	19848N	114222
18422N	111221	18960N	113675	19491N	115571	19855N	114399
18424N	113207	18962N	113195	19508N	110411	19859N	115821
18426N	110417	18963N	113746	19524N	113550	19861N	114002
18426N	114197	18967N	114460	19535N	114330	19861N	114021
18427N	114400	18967RW	111070	19538N	113830	19868N	114267
18440N	114401	18973N	114479	19538N	115884	19870N	114324
18447N	114685	18973N	115377	19547N	113827	19872N	114712
18449N	112083	18978N	114459	19547N	113830	19872R	114712
18455N	113983	18981N	114332	19547N	115884	19876N	116076
18456N	115314	18982N	113208	19601N	110245	19880N	115465
18458N	114277	18984N	113723	19602N	114855	19906N	111683
18460N	111332	18985N	113732	19603N	114855	19907N	111683
18461N	110814	18986N	115687	19603N	115525	19908N	114870
18469N	111041	18988N	113459	19609	114444	19926N	114819
18473N	112171	18992N	115323	19610N	114375	19927N	114031
18482N	110565	19000N	113960	19612N	114716	19927N	115892
18482N	111346	19001N	115333	19614N	114224	19928N	114872
18482N	114107	19001R	115333	19615N	114891	19928N	115875
18482N	115392	19004N	115996	19618N	113725	19934N	114164
18483N	110590	19004R	115996	19622N	115450	19955N	113130
18486N	113727	19013N	116256	19624N	114487	19956N	114436
18490N	112371	19019N	115822	19637N	114523	19963N	113985
18491N	112676	19020304	112834	19637N	115514	19968N	114345
18505N	114268	19020308	112834	19638N	114213	19975N	113995
18512N	113663	19020310	112834	19638N	114253	19979N	114100
18513N	113231	19020608	113692	19648N	115595	19979N	115893
18522N	110555	19020615	113694	19653N	114447	19980N	114002
18522N	111020	19023N	115977	19655N	112442	19989N	116000
18524N	113671	19023R	115977	19655R	112442	19992N	113570
18525N	114320	19029N	115566	19659N	111041	19997R	112440
18533N	115817	19029R	115566	19662N	113757	19999N	116084
18535N	112544	19030N	110521	19662N	115594	20003N	116042
18539N	114893	19033N	114746	19664N	113183	20004N	114844
18541N	114445	19033R	114746	19666N	111001	20005N	115541
18542N	113669	19036N	114178	19669N	111015	20006N	114392
18547N	113356	19037N	115448	19670N	111015	20006R	114392
18547N	114824	19038R	114488	19679N	113466	20007R	114202
18548N	114282	19042N	115599	19694N	112672	20008R	115671
18556N	114333	19042R	115599	19694N	116144	20009N	113947
18557N	114333	19050N	113282	19697N	114098	20009R	113947
18571N	113550	19054R	115770	19698N	114867	20010N	115847
18571R	113550	19069R	115597	19708N	114874	20010R	115847
18600N	113538	19070016	113351	19709N	112374	20011R	113947

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
20013N.....	115365	20-117.....	112989	20-170-31-1.....	110986	20-244-31-1.....	112940
20014N.....	114019	20-117-1.....	112989	20-173-11-9.....	110724	20-244-31-2.....	112940
20014N.....	116047	20-118.....	110801	20-173-21.....	110724	20244N.....	111722
20018N.....	114290	20-118-1.....	110801	20-173-21-9.....	110724	20-247-10.....	112151
20018N.....	114311	20-121.....	111261	20-176-11.....	112880	20-247-11.....	112151
20018R.....	114311	20-121-1.....	111261	20-178.....	110591	20251N.....	115461
20021N.....	113280	20122N.....	114832	20-178-1.....	110591	20251N.....	116061
20023R.....	115858	20123N.....	110743	20-182-10.....	112447	20255N-OS.....	115651
20024R.....	115856	20126N.....	114089	20-182-11.....	112447	20255R.....	115651
20027N.....	115549	20126N.....	115495	20-182-11-1.....	112447	20256N.....	115364
20027R.....	115549	20-127.....	110300	20-184-30.....	110984	20256N-OE.....	115364
20028R.....	115659	20-127-1.....	110300	20-184-31.....	110984	20256R.....	115364
20028RW.....	115659	20127N.....	114314	20-184-32.....	110502	20259R.....	111035
20029N.....	114848	20-128.....	110300	20-186-20.....	111220	20264N.....	111078
20029R.....	114848	20-129.....	110937	20-186-21.....	111220	20274R.....	110178
20035N.....	115576	20129N.....	115834	20-186-21-1.....	111220	20274R.....	110759
20036N.....	114666	20129R.....	115834	20192N.....	111294	20288N.....	116224
20046N.....	114726	20130N.....	114859	20192R.....	111294	20289N.....	112427
20061N.....	110318	20131N.....	115369	20-198-11.....	110682	20289N.....	115871
20079N.....	114202	20-132.....	112265	20-199-30.....	110499	20290N.....	114382
20081N.....	115316	20-132-1.....	112265	20-199-31.....	110499	20291N.....	115798
20081N-OE.....	115316	20135N.....	114721	20-202-9.....	110237	20294N-OE.....	116185
20089N.....	115380	20-136-31.....	110503	20202N.....	114067	20295N.....	115980
20091N.....	115413	20138R.....	115910	20-208-10.....	111252	20295N-OE.....	115980
20091R.....	115413	20-139-20.....	112338	20212N.....	115683	20306R.....	111364
20095N.....	116107	20-139-21.....	112338	20212N.....	116105	20317R.....	112415
20097N.....	115852	20139N.....	115720	20213N.....	115459	20325N.....	114146
20098N.....	115647	20139N-OS.....	115720	20214N.....	114724	20327R.....	114667
20-101-1.....	110075	20-141-30.....	110498	20215N-OE.....	115579	20330N.....	115712
20-101-9.....	110075	20-141-31.....	110498	20220N.....	115498	20330R.....	115712
20-102-2.....	110233	20-141-31-1.....	110498	20-221-10.....	111199	20330RW.....	115712
20-102-9.....	110233	20-142-30.....	110499	20-221-10-1.....	111199	20331N.....	115906
20-104.....	110505	20-142-31.....	110499	20-221-10-2.....	111199	20332N.....	114099
20-105.....	110471	20-142-33.....	110499	20-221-11.....	111199	20332N.....	115649
20-106.....	110508	20-142-33-1.....	110499	20-221-11-1.....	111199	20333R.....	115704
20-109.....	110508	20-142-34.....	110499	20-221-11-2.....	111199	20334N.....	114458
20-110.....	110471	20-142-34-1.....	110499	20-221-12.....	111199	20335N.....	116009
20-1100-21.....	112884	20142N.....	112142	20-221-12-1.....	111199	20338N.....	115747
20-1104-41.....	112886	20144N.....	114462	20-221-12-2.....	111199	20340N.....	111847
20-1108.....	113432	20144N.....	115620	20224N.....	114303	20340R.....	115366
20-1108-1.....	113432	20-145-20.....	112338	20226.....	114410	20343N.....	115766
20-1109.....	112996	20-145-21.....	112338	20-228-10.....	111200	20343R.....	115766
20-111.....	110235	20-145-21-1.....	112338	20-228-10-1.....	111200	20347N.....	114508
20-1110.....	112994	20-145-32.....	112640	20-228-10-2.....	111200	20348N.....	114880
20-1111.....	112993	20-145-33.....	112629	20-228-11-1.....	111200	20350N-OS.....	115713
20-1114.....	112160	20-145-33-1.....	112629	20-228-11-2.....	111200	20350N-OS.....	116319
20111N.....	116164	20-146-31-1.....	111631	20-228-12.....	111200	20353N.....	115916
20-1120-40.....	111223	20147N.....	115528	20-228-12-1.....	111200	20355N-OE.....	115431
20-1120-41.....	111223	20147N-OS.....	115528	20-228-12-2.....	111200	20357N.....	115429
20-1121-30.....	112614	20-148-30.....	110502	20-228-13.....	111200	20358R.....	113990
20-1121-31.....	112614	20-148-31.....	110502	20-228-13-1.....	111200	20359R.....	114694
20-1121-40.....	111223	20148N.....	115767	20-228-13-2.....	111200	20360R.....	111364
20-1121-42.....	111223	20-149.....	112996	20-228-14-1.....	111200	20361N.....	114493
20-1129-31.....	112888	20-149-1.....	112996	20-228-14-2.....	111200	20362R.....	115933
20-113.....	111713	20149N.....	115765	20230N.....	111289	20365N.....	111720
20-113-1.....	111713	20-150-30.....	110503	20230R.....	111289	20365N.....	115800
20-113-2.....	111713	20-150-31.....	110503	20-232-10-1.....	112993	20366N.....	112427
20-1132-10.....	111711	20-150-31-1.....	110503	20-232-10-2.....	112993	20366N.....	115871
20-1132-12.....	111711	20-150-32.....	110503	20-232-11-1.....	112993	20375R.....	112557
20-1132-12-1.....	111711	20150N.....	112151	20-232-11-2.....	112993	20383R.....	115811
20-1132-20.....	110500	20-151-30.....	111090	20-236-20.....	112936	20385N.....	115832
20-1132-21.....	110500	20-151-31.....	111090	20-236-20-1.....	112936	20387N.....	114533
20-1132-21-1.....	110500	20-151-31-1.....	111090	20-236-20-2.....	112936	20389R.....	114826
20-1132-22.....	112639	20-151-32.....	111090	20-236-21.....	112936	20392N-OS.....	115701
20-1132-22-1.....	112639	20-152-10.....	110984	20-236-21-1.....	112936	20392R.....	115701
20-1132-30.....	112640	20-152-30.....	110984	20-236-21-2.....	112936	20394N-OS.....	116011
20-1132-32.....	112640	20-152-32.....	110984	20237N.....	114235	20395R.....	115863
20-1132-33.....	112640	20-152-32-1.....	110984	20-238-10.....	112942	20396N.....	114706
20-1132-33-1.....	112640	20-152-33.....	110984	20-238-11.....	112942	20396R.....	114706
20-1137-10.....	111854	20-154.....	112995	20-241-30.....	112939	20399N.....	114879
20-1137-11.....	111855	20-154-1.....	112995	20-241-30-1.....	112939	20399N.....	116175
20-1137-11.....	116128	20-159-1.....	111250	20-241-30-2.....	112939	20400N.....	116174
20-1137-11-1.....	111854	20-159-9.....	111250	20-241-31.....	112939	20409N.....	115587
20-113-9.....	111713	20160N.....	114229	20-241-31-1.....	112939	20409RW.....	115587
20113N.....	115315	20-167-30.....	110985	20-241-31-2.....	112939	20410RW.....	115459
20-114-9.....	110492	20-167-31.....	110985	20243N.....	114078	20411R.....	114721
20-1149-40.....	112615	20-167-31-1.....	110985	20243N.....	114846	20412R.....	115707
20-1149-41.....	112615	20-168.....	110235	20-244-30.....	112940	20422R.....	110622
20-1150-10.....	111712	20-168-9.....	110235	20-244-30-1.....	112940	20424R.....	114157
20-1150-11.....	111712	20-170-30.....	110986	20-244-30-2.....	112940	20426R.....	111653
20-1156-21.....	112893	20-170-31.....	110986	20-244-31.....	112940	20428R.....	111075

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
20433N	111075	20790R	113376	21117R	111076	2-1247-MD	110808
20437R	111075	20796N	114495	21117R	112162	2-1247-MI	110808
20441R	110972	20-8101-1	113347	2-1118	111312	2-1254-MI	112267
20441R	111168	20-8101-9	113347	2-1118-HI	111312	2-1254-MI-2	112267
20444R	114831	20-8102-1	112270	2-1118-MI	110279	21255N	111514
20453N	114882	20-8102-9	112270	2-1119-MI	111312	21256R	111514
20461R	111086	20819N	113376	2-1121-MI	111485	2-1257-BO	110842
20462R	111086	20843N	116184	2-1128-MI	111608	21258N	114386
20478R	113378	20844N	115920	2-1136-MI	110149	2-1259-BO	110772
20487R	114455	20-8600	110959	2-1141-MI	110808	2-1260R	112800
20491	116007	20-8601	111710	2-1142-MI	110149	21261N	111788
20492R	115601	20867R	111948	2-1143-MI	110389	2-1262-BO	112533
20493R	115836	20871N	112056	2-1144-MI	110808	21262N	111267
20494R	114290	20877N-OE	114408	2-1148-MI	110811	21262N	111767
20495N	115667	20878N-OE	116066	2-1149-MD	110810	21262R	111267
20-501	110937	20879N-OE	114385	2-1149-MI	110810	21262R	111767
20-501-1	110937	20901R	110619	21149R	112229	2-1263-BO	111400
20-502	110937	20-9103	110766	2-1152MI	110810	2-1267-BO	112172
20-502-1	110937	20-9104	111649	2-1152-MI	110810	21267R	110679
20506N	112458	20-9104-1	111649	21155R	111317	21268R	110679
20507R	112458	20-9105	110766	2-1156-FD	111183	2-1269-BO	111911
20517R	111176	20-9107	110882	21158N	110770	2-1269-MM	111911
20521N	113920	20-9108-1	112742	21158N	111176	2-1270-BO	110368
20532R	110770	20921N	114303	21158R	111176	2-1274-HI-1	110156
20532R	111356	20-9300	112097	2-1161-MI	112215	2-1276-BO	111065
20532R	111364	20932R	112769	2-1164-FD	111844	2-1278-BO	112295
20533R	110348	20933R	111082	2-1166-MD	110315	2-1278-VA	111347
20536R	110385	20943R	111076	2-1166-MI	110315	2-1279-BO	111851
20538R	115657	20962R	111321	2-1166-MI-2	110315	21280R	112703
20539R	113336	20967N	116178	21166R	111732	2-1285-BO	111054
20542R	111578	20977N	110116	2-1168-MI	110158	2-1287-BO	111112
20543R	110374	20984N	111411	2-1169-MI	110809	2-1288-BO	111489
20544N	116176	2-1000-MT	111442	2-1170-MI	111461	2-1288-HI	110160
20545N	115455	2-1000-ND	111442	2-1173-MI	110315	21288N	112698
20545N	116321	2-1013-HI	110249	21173N	111293	21288R	112698
20546N	115458	2-1013-ND	110249	2-1174-MD	110811	2-1289-BO	111120
20546N-OS	115458	2-1020-MT	112214	2-1174-MI	110811	2-1289-HI	111120
20565N	114219	2-1020-ND	112214	2-1176	111241	2-1290-BO	111489
20567R-55-4G	110622	2-1020-ND-1	112214	2-1176-MD	111241	21292N	111802
20567R-70	110622	2-1023-ND	110152	2-1176-MI	111241	2-1293-BO	110793
20572N	115815	2-1024-ND	110411	21178N	111148	2-1293-BO	111066
20574N	114707	2-1029-ND	110396	21178R	111148	2-1293-DU	110793
20574N	115474	2-1029-ND-1	110396	21182N	111841	2-1293-DU	111066
20594N	116182	2-1030-ND	110396	21182R	111841	2-1293-PR	110793
20-601	110427	2-1031-ND	110396	21182R	112754	2-1293-PR	111066
20607N-OE	113713	2-1034-ND	110260	2-1183-MD	110958	21297N	112681
20617N	115496	2-1035-ND	110621	2-1183-MI	110958	21298R	111498
20618N	114861	2-1037-ND	110708	21183N	111293	2-1299-PR	111063
20620R	115412	2-1046-ND	110386	2-1186-MI	110394	2-1300-BO	110587
20621N	114767	2-1050-ND	110397	21187N	111803	2-1300-PR	110587
20623N-OS	115868	2-1056-ND	111544	2-1189-ND	111310	2-1302-DU	110367
20631N	115546	2-1057-ND	110709	2-1193-HI	110573	21302N	111515
20631N-OS	115546	2-1065-ND	110713	2-1193-ND	111683	2-1302-PR	110367
20637N	116055	2-1076-HI	110277	21199R	111719	21302R	111515
20638N	114463	2-1076-MI	110277	21200N	112679	21303N	111831
20647N	115922	2-1079-1	110144	21200RW	112679	2-1303-PR	110367
20650N-OE	115475	2-1079-HI	110144	2-1206-ND	111451	2-1304-PR	110367
20652N	116226	2-1079-MI	110144	2-1207-ND	111451	2-1305-DU	110866
20655N	116191	2-1081-MI	110142	2-1209-MI	111451	2-1305-PR	110866
20655R	116191	2-1082-HI	110280	21216N	111416	2-1308-BO	110585
20662N	115631	2-1082-MI	110280	2-1216-ND	111552	2-1308-DU	110585
20674N	113849	2-1083-1	110142	21222N	112680	2-1308-PR	110585
20682N	114025	2-1083-HI	110142	2-1224-MI	110157	2-1310-PR	112295
20683N-OE	115582	2-1083-MI	110142	21224N	113447	21311R	111601
20692R	112238	2-1084-HI	110280	21224R	113447	2-1315-MM	110338
20696N	111036	2-1086	110277	2-1225-MI	110157	21315R	111812
20698R	110889	2-1086-HI	110277	21228R	110766	2-1325-LU	111865
20716N	114805	2-1086-MI	110277	21228R	112299	21327R	111689
20721N	110048	2-1087-HI	110277	2-1230-PR	112541	2-1328-LU	111103
20721N	110127	2-1088-HI	110386	2-1231-BO	111490	21328N	111413
20722N	115899	2-1089-HI	110386	2-1232-MI	111349	21328N	111689
20723N	114808	2-1092-MI	111728	2-1232-MI-2	111349	21331R	111318
20750R	111620	2-1093-HI	110279	2-1238-ND	111310	21331R	113604
20750R	111654	2-1093-MI	110279	2-1239-MI	110394	21333N	111318
20751R	111620	2-1094-1	110278	21240R	114894	21333N	113604
20751R	111654	2-1094-HI	110278	21243N	112121	2-1336-LU-1	113171
20771R	111319	2-1094-MI	110278	2-1244-MI	110394	21336R	111598
20774R	111841	2-1112-HI	110249	21244R	113338	21337R	111518
20775R	110968	2-1116-HI	111023	2-1245-BO	111127	21338N	114720
20778N-OS	116216	2-1117-HI	111459	2-1246-MD	110807	21339R	115703
20778R	116216	2-1117-MI	111459	2-1246-MI	110807	21339RW	115703

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
2-1340-BO	110363	21470N	112472	2-1604-DR	110216	2-1759-DR	111699
21345R	113832	21472N	114231	2-1605-DR	110216	2-1760DR	111699
21346R	113832	21472R	114231	2-1607-DR	110216	2-1760-DR-2	111699
2-1351-BO	110864	2-1473-DR	111034	2-1608-DR	110218	21760N	112325
2-1353-BO	110858	21473R	113340	2-1609-DR	110218	2-1761-ND	110149
21356N	111795	2-1474-DR	111786	21610R	112387	21761R	112325
21356R	111795	2-1474-DR-2	111786	2-1612-MI	113668	2-1764-BO	111347
2-1358-BO	110996	2-1476-DR	111786	2-1614-ND	110411	2-1765-BO	111865
21358N	112143	2-1477-DR	111127	21620N	113403	21765R	112413
21358R	112143	21477R	112742	2-1622-ND	110152	21767N	112413
2-1359-BO	111061	21478R	112273	2-1624-ND	110152	2-1771-MI	112846
2-1360-BO	110865	21478R	112274	2-1625-DR	112341	2-1774-MI	111552
2-1361-BO	111069	2-1480-DR	112904	2-1629-DR	112341	2-1776-HI	110820
2-1362-BO	111069	2-1481-DR	112897	2-1631-DR	112267	21776R	111285
2-1363-BO	111010	2-1481-DR-2	112897	2-1634-FD	110230	21778R	112349
2-1365-BO	111060	21481R	113253	2-1645-FD	112963	2-1780-MI	111300
21365R	113948	21486R	113253	2-1649-FD	112016	21780N	112230
2-1367-BO	111059	2-1487-DR	110221	2-1651-NK	112649	2-1781-MI	110947
21369N	114300	21490R	112419	21663R	113405	2-1782-MI	112301
21369R	114300	21491N	112273	2-1668-FD	110227	2-1783-MI	111310
21370N	112203	21491N	112274	2-1672-FD	110224	21784N	112460
21370R	112203	21491R	112274	2-1674-FD	110226	2-1789-DR	111786
2-1372-BO	111059	21493N	112469	2-1676-FD	110225	21791N	112460
2-1373-BO	111059	21493N	113405	2-1677-FD	110225	21791N	112461
2-1374-BO	112131	21493N	113575	2-1679-FD	110228	2-1796-DR	112912
2-1376-BO	112131	2-1500-DR	110414	2-1680-FD	110225	2-1796-DR-9	112912
2-1378-BO	111010	21500N	113324	2-1682-ND	110154	2-1799-FD	112646
2-1378-MM	111010	21501R	113440	2-1684-FD	110509	2-1799-FD-1	112646
21378R	112406	21504N	112144	2-1686-FD	110231	2-1800-FD	112586
21381N	111797	2-1506-DR	110221	2-1689-DR	112897	2-1800-FD-1	112586
21381R	111797	2-1508-DR	110414	2-1689-DR-1	112897	21801R	111723
2-1382-ND	111492	2-1510-DR	110221	2-1689-DR-2	112897	2-1803-BO	111755
2-1382-ND-1	111492	2-1512-DR	110221	2-1690-DR	112240	21803N	111723
21384N	111824	21512N	114728	2-1690-DR-1	112240	21803N	112782
21384R	111824	21513N	115410	2-1690-DR-2	112240	2-1805-RO	110640
21392N	111828	21514N	114779	2-1691-DR	111786	2-1806-FD	111183
21397R	112199	2-1516-DR	110221	2-1691-DR-2	111786	2-1806-FD-1	111183
2-1398-ND	111764	21516N	112416	2-1692-DR	112904	2-1807-ND	113116
2-1398-ND-2	111764	21525N	113471	2-1692-DR-1	112904	2-1807-ND-2	113116
21400N	111718	2-1526	113725	2-1692-DR-2	112904	2-1809-DR	112897
21401N	112059	2-1526-ND	113725	2-1693-ND	111455	2-1810-DR	111127
2-1401-ND	111442	2-1529-ND	111713	2-1694-HI	111382	21810N	112021
21401R	112059	2-1531-BO	112167	2-1695-ND	111492	21810R	112021
2-1404-ND	111544	2-1532-BO	111749	2-1695-ND-2	111492	2-1811-DR	112906
2-1404-ND-1	111544	2-1534-BO	111748	2-1700-ND	111984	2-1811-DR-2	112906
21404R	111990	2-1535-BO	112166	2-1700-ND-1	111984	21811N	112021
2-1405-ND	110713	2-1536-BO	112309	2-1700-ND-2	111984	21811R	112021
2-1413-DR	111034	2-1536-MM	112309	2-1702-ND	113108	2-1814-DR	112900
2-1419-FD	111374	2-1537-BO	112818	2-1702-ND-1	113108	2-1814-DR-1	112900
21419R	111937	2-1539-BO	112553	21705R	112272	21816R	112769
21420R	112057	2-1541-HI	110249	2-1719-FD	111374	21823N	113920
2-1421-ND	110421	2-1542-HI	111312	2-1719-FD-1	111374	21823R	110113
21423N	111413	2-1545-MI	110810	2-1720-BO	111851	2-1828-ND	113171
21424R	113536	2-1545-MI-2	110810	2-1722-BO	110847	21830N	112271
21427R	113942	2-1547-MI	113044	2-1724-HI	110156	21832N	113941
2-1430-BO	110336	2-1548-MI	110158	2-1724-HI-1	110156	2-1837-ND	113119
2-1430-LU	110336	2-1549-MI	111310	2-1726-ND	110627	2-1837-ND-2	113119
21430N	113770	2-1550-MI	110933	2-1727-MI	110292	2-1840-ND	113665
21431N	114114	2-1552-MI	113141	2-1728-MI	110182	2-1847-MI	112368
2-1435-ND	111451	2-1553-MI	113141	2-1733-MI	110415	2-1847-MI	112368
21435R	112058	2-1554-MI	113141	2-1735-HI	110160	2-1850-MI	111970
21437R	113603	2-1554-MI-1	113141	2-1736-HI-1	110617	2-1851-MD	110149
21439N	112480	2-1561-ND	113402	2-1737-ND	110626	2-1854-MI	111552
2-1439-ND	110411	2-1571-CH	110223	2-1739-ND	113114	2-1855-HI	111098
2-1444-MI	111108	2-1575-CH	110223	2-1740-MI	110256	2-1856-HI	111382
21444N	112480	2-1578-DR	112897	2-1741-1	110155	2-1858-MD	111307
21444N	113503	2-1580-DR	112341	2-1741-HI	110155	2-1859-MI	111451
21444R	112480	2-1581-DR	112341	2-1741-MI	110155	2-1860-MI	113038
2-1445-MI	111475	2-1585-ND	111492	2-1743-ND	110485	2-1861-MI	113040
21448N	111409	2-1588-ND	113169	2-1748	112276	2-1862-MI	111971
2-1449-BO	111061	2-1589-ND	113169	2-1748-MI	112276	2-1863-MI	111312
21455N	113599	2-1590-DR	112897	2-1748-MI-1	112276	2-1867-MT	113392
21456R	112654	2-1590-DR-1	112897	2-1749-DR	112267	2-1868-MT	113398
2-1457-BO	111400	2-1590-DR-2	112897	2-1750-ND	110942	2-1869-MT	113408
2-1460-BO	110865	2-1591-DR	112897	2-1753-ND	113428	2-1872-HI	111706
21466N	111967	2-1592-DR	112897	2-1754-ND	110490	2-1873-BO	111347
21466R	111967	2-1593-DR	110216	2-1755-FD	112340	2-1874-BO	111131
21467N	112414	2-1593-DR-2	110216	2-1755-FD-1	112340	2-1875-VA	112440
21467R	112414	2-1594-DR	110216	2-1756-FD	112235	21881N	111437
2-1469-VA	110856	2-1595-DR	111258	2-1756-FD-1	112235	2-1884-FD-1	112296
2-1470-DR	111034	2-1596-DR	111258	2-1758-DR	111786	2-1885-FD	111844

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
2-1885-FD-1	111844	2-2001-DR	113550	2-2147	111915	2-2252	112830
2-1889-BO	112555	2-2002-BO	111030	2-2147-9	111915	2-2252-UT	112830
2-1890-BO	111900	2-2003-MI	113618	2-2148	112010	2-2253	112829
21890R	113285	2-2006-HI	110412	2-2149	112010	2-2253-UT	112829
21891N-7G	113285	2-2007-HI	110552	2-2150	111917	22254N	110706
21891N-7G	113913	2-2008-HI	112478	22150N	113708	22254R	110706
21891N-7GL	113285	2-2009-HI	113408	22150R	113708	2-2260-VA	113659
21891R-0G	113913	22009R	111086	2-2151	111918	2-2261-BO	111851
21891R-7G	113913	2-2012-HI	111586	2-2151-9	111918	22262N	111076
2-1894-FD	113222	2-2014-HI	110719	2-2153	112010	2-2264-HI	111247
2-1894-FD-1	113222	2-2015-HI	112674	2-2154	112011	2-2266	112566
2-1899-BO	111865	2-2016-HI	112374	2-2155	112145	2-2271-DR	112232
21901N	111756	2-2022-DR	112546	22155R	113709	2-2276-ND	111224
21901R	111756	2-2022-ND	112546	2-2156	112146	2-2278-ND	110436
2-1902-BO	112034	2-2024-MI	111273	2-2158	110654	2-2281-LU	110565
21902R	112202	2-2026-HI	110462	2-2160	110647	2-2282-LU	112136
2-1904-BO	112286	2-2033-MI	113638	2-2162	112157	2-2283-BO	110521
2-1906-MI	113638	2-2035-ND	113663	2-2163	112247	2-2284-BO	110520
2-1908-BO	110536	2-2036-ND	110447	2-2166	110644	2-2285-BO	112037
2-1908-BO	116139	2-2037-HI	110616	2-2167-HI	111766	2-2292-LU	110819
21908N	111532	2-2038-LU	110438	2-2168-HI	112008	2-2293-LU	110462
21909R	112467	2-2041-BO	111755	22169N	114129	2-2293-LU	116137
2-1910-FD	112608	2-2042-BO	112173	22169R	114129	2-2294-VA	113478
2-1910-FD-1	112608	2-2047-ND	113172	22170R	115936	2-2295-LU	110464
2-1913-MI	113129	2-2054-DR	112902	2-2171-01ER	111732	22295N	112086
2-1913-MI-1	113129	2-2054-DR-1	112902	22172R	114129	2-2296-LU	110444
2-1914-FD	113222	2-2054-DR-2	112902	2-2175-UT	111012	22296R	110701
21914N	115652	2-2057-ND	113314	2-2177	113540	2-2297-BO	110524
21914R	115652	2-2058-ND	113314	2-2178-MT	111927	2-2298-BO	113534
2-1916-HI	110485	2-2062	111382	2-2181-MT	111921	2-2299-BO	112670
21921A	110469	2-2062-HI	111382	2-2181-MT-9	111921	2-2300-LU	110442
2-1921-BO	112171	2-2068-VA	111851	2-2184-MT	111926	2-2301-LU	110443
21921R	113485	22070N	111483	2-2186-MT	111922	2-2302-LU	110439
2-1923-BO	113613	22070N	114288	2-2186-MT-9	111922	2-2303-LU	112660
2-1924-HI	110156	22070R	114288	2-2188	110634	2-2304-LU	111573
21924R	111893	2-2073-UT	111043	2-2189	110635	2-2318-HI	112371
2-1925-BO	112041	2-2076-UT	110648	2-2190	111804	2-2321-HI	113191
21925N	111893	2-2078-UT	110240	2-2191	112563	2-2322-DR	111699
21925N	112688	2-2079-UT	110644	2-2192	112242	2-2322-DR-2	111699
21925N	113485	2-2080-UT	110647	2-2193	112313	2-2323-DR	113679
2-1927-MM	111400	2-2082-UT	110636	2-2194	112312	2-2323-DR-2	113679
2-1929-ND	110245	2-2083-UT	110949	2-2194-25	112312	2-2324	113545
2-1930-ND	110421	2-2084-BO	111769	2-2197-ND	112276	2-2325-BO	110813
2-1931-ND	111839	2-2085-BO	112074	2-2198-FD	111374	2-2333-ND	110942
2-1940-MT	113398	2-2086-MI	111300	2-2200-DR	112906	2-2335-ND	110961
2-1945-BO	112321	2-2087-MI	112323	2-2203-ND	113172	22336R	112769
2-1946-BO	111855	2-2087-MI-1	112323	2-2204-BO	111855	2-2339	112565
2-1946-BO	116128	2-2088-MI	111005	2-2204-BO	116128	2-2340-LU	110460
2-1948-HI	112373	2-2090-MI	110421	22206R	111149	2-2341-BO	112429
21948R	113879	2-2095-DR	112906	2-2207-DR	112169	2-2342-MI	113642
21950R	113879	2-2095-DR-2	112906	2-2207-DR-1	112169	2-2347-DR-1	113550
2-1951-NK	112649	2-2099-ND	113132	2-2208	113538	2-2355-BO	111851
2-1951-NK-1	112649	2-2100-HI	111247	2-2209-ND	111197	2-2355-BO	112440
2-1952-MI	111971	2-2101-MI	113210	2-2211-DR	112902	2-2355-BO-1	111851
21952N	112720	2-2102-MI	111272	2-2211-DR-2	112902	2-2355-BO-1	112440
2-1954-DR	112241	2-2103-MI	111913	2-2214-ND	112489	22359R	111747
2-1954-DR-2	112241	2-2105-ND	110580	2-2215-FD	113703	2-2375-DR-1	113827
2-1958-ND	113649	2-2106-ND	110581	2-2220-MI	113194	22389R	110163
2-1960-ND	110938	2-2107-ND	110720	2-2227-MI	111703	22393R	112086
2-1960-ND	110940	2-2108-ND	113130	2-2229-MI	110576	22394N	112093
2-1963-MI	111275	2-2112-DR	112241	2-2230-HI	110723	22394R	112093
2-1966-MI	111349	2-2112-DR-2	112241	2-2231-HI	110723	2-2401-BO	113613
2-1968-MI	111730	2-2113-DR	112904	2-2232-ND	113206	2-2403-BS	113853
2-1969-MD	113638	2-2113-DR-2	112904	2-2233-HI	113675	22407	113539
2-1970-MD	113521	2-2116-BO	111909	2-2235-HI	110574	2-2407	113539
2-1971-ND	113629	2-2124-UT	110510	2-2237-MI	112342	2-2413-UT	110648
2-1974-BO	111900	2-2125-UT	110510	2-2237-MI-1	112342	2-2432-UT	113593
2-1975-BO	112005	2-2129-UT	110510	2-2238-ND	111387	22435R	111605
2-1977-BO	110847	2-2130-HI	111840	2-2239-ND	113239	22443R	112298
2-1979-BO	112818	2-2136-DR	111848	2-2241	112244	22447N	112298
2-1981-ND-2	112120	2-2137-DR	111684	2-2242	112150	22447N	112299
2-1984-ND	112367	2-2138-ND	111765	2-2243	113476	22447N	112772
2-1988-BO	111848	2-2139-DR	112902	22243R	112228	22447R	112298
2-1989-MD	113020	2-2141-DR	112905	2-2243-UT	113476	22447R	112299
2-1990-MD	113020	2-2141-DR-2	112905	2-2246	112831	22447R	112772
2-1991-MI	112300	22142R	113284	22246N	111267	22448N	114026
2-1994-BO	113387	22142R	115491	22246R	111267	22481R	111507
2-1996-MI	110572	2-2143-DR	112240	2-2246-UT	112831	22498R	110706
2-1997-BO	111911	2-2143-DR-2	112240	2-2248-PR	111047	2-2502	113528
2-1999-DR	112239	2-2145-ND	111765	2-2251	112826	22514R	113296
2-1999-DR-2	112239	2-2145-ND-9	111765	2-2251-UT	112826	22518N	113296

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
22518N.....	114709	22921R.....	112363	23174N-5GZ.....	112457	23332R.....	114128
22518R.....	114709	22922N.....	112407	23174N-5GZ.....	113940	23341R.....	112351
22529R.....	112756	22922R.....	112407	23174R.....	112457	23344N.....	113274
22530N.....	111325	22923R.....	112327	23174R.....	113940	23346N.....	116173
22530N.....	112756	22924N.....	112327	23174RW.....	113940	23347R.....	113858
22536R.....	112557	22925R.....	113306	23174RW.....	116048	23348N.....	115543
2-2553-BO.....	112534	22929N.....	113575	23183N.....	113298	23350R.....	115310
22555.....	115921	22952N.....	112428	23183R.....	113298	23352N.....	115415
22555N.....	115921	22952N.....	115673	23185N.....	112415	23352R.....	115415
22555N-OS.....	115921	22952R.....	112428	23185N.....	113879	23353N.....	114877
2-2569-MI.....	112177	22955N.....	112462	23185N.....	114656	23356N.....	115621
22579N.....	113533	22955R.....	112462	23187N.....	113280	23356R.....	115621
22582N.....	113939	22956N.....	113519	23188R.....	111947	23358N.....	115370
22590R.....	111468	22968R.....	113407	2-3189-BO.....	113182	23359N.....	115411
22591R.....	111468	22970N.....	113881	23190R.....	115790	23361N.....	114769
2-2609-BO.....	113468	22976R.....	113577	23201R.....	114120	23364N.....	114408
22628R.....	113500	22990N.....	112471	23203N.....	113331	23364R.....	114408
22630R.....	113500	22990R.....	112471	23203R.....	113331	23367N.....	113837
22634R.....	113785	22990R.....	114673	23205N.....	113874	23368N.....	114353
22638N.....	112352	2-3000-BO.....	113181	23215N.....	113787	23369N.....	114122
22639R.....	111148	23001N.....	112384	23215R.....	113787	23370N.....	114509
2-2640-FD.....	112821	2-3005-BO.....	113900	23222R.....	113950	23381A.....	110999
2-2640-FD.....	115870	23009R.....	112002	23223N.....	113247	23421R.....	115955
2-2646-ND.....	113597	23011R.....	112458	23223N.....	113950	23430A.....	111012
2-2656-ND.....	112547	23020N.....	112197	23227N.....	113755	23431N.....	111614
22663N.....	113383	23020N.....	113889	23230R.....	113948	23431R.....	111614
22663R.....	113383	23020N.....	115485	23233N.....	113871	23465A.....	111288
2-2663-UT.....	113594	23025R.....	112415	23241N.....	113352	23486N.....	111720
22670R.....	113788	2-3030-BO.....	111332	23242R.....	113283	23498A.....	111760
22671R.....	112351	23035R.....	113836	23243R.....	116017	23502N.....	112189
22674R.....	112578	23037N.....	111950	23244R.....	113283	23513N.....	113289
22680R.....	113786	23039N.....	113518	23247N.....	113951	23513N.....	113295
2-2685-MT.....	113821	23039R.....	113518	23248N.....	115383	23528N.....	113351
2-2687-LU.....	110465	23040R.....	115929	23249R.....	116165	23535N.....	115617
2-2687-LU-1.....	110465	23049N.....	115711	23251N.....	113871	23535N.....	115617
2-2688-ND.....	113231	23053R.....	112063	23251N.....	114781	23537N.....	115716
2-2696-MI.....	113795	23054N.....	112063	23251R.....	114781	23540N.....	113945
2-2705-ND.....	110485	23054R.....	112063	23254N.....	113871	23540R.....	113945
22708N.....	111676	23059N.....	112471	23255R.....	114722	23542N.....	114700
22708N.....	113885	23064R.....	113785	23259R.....	113407	23544N.....	114841
22710N.....	112043	23069N.....	113939	23261N.....	115382	23545R.....	113718
22712R.....	111980	23070R.....	115864	23265N.....	114201	23547N.....	114663
22720R.....	113868	2-3071-BO.....	113277	23265R.....	114201	23558R.....	114024
22721N.....	114876	23071N.....	113343	23266R.....	113718	23559A.....	111224
2-2723-MI.....	113819	23071R.....	113343	23269N.....	113944	23559N.....	115531
22732N.....	113349	23075R.....	112359	23270R.....	114215	23560N.....	115531
22732R.....	113349	2-3076-BO.....	111638	23276N.....	114005	23560R.....	114293
22745R.....	111722	23076N.....	112468	23277N.....	114006	23565A.....	112255
2-2756-UT.....	113017	23076R.....	112468	23285N.....	113877	23587A.....	112255
22767R.....	112230	23082R.....	113942	23289R.....	112079	23588R.....	111154
22767R.....	112292	23089R.....	114227	23290N.....	114102	23588R.....	111287
22782R.....	112230	23095R.....	113301	23295N.....	115619	23590A.....	111224
22789N.....	112230	23098N.....	113328	23295R.....	115619	23595R.....	111287
22795N.....	114451	23098R.....	113328	23295R.....	115846	23600R.....	111071
22796N.....	115384	23099N.....	114899	23296R.....	115619	23600R.....	112299
2-2804-DR.....	113550	23100R.....	112059	23297N.....	114147	23602R.....	111071
2-2804-ND.....	112089	23104N.....	113943	23298R.....	114115	23612R.....	111164
22812R.....	113754	23105N.....	113943	23300-1KA1C.....	115361	23615R.....	110607
22815R.....	112418	23106N.....	113352	23301N.....	113640	23624R.....	110759
22818R.....	112332	23110R.....	112458	23301R.....	113640	23653R.....	111620
22819R.....	113406	23112N.....	113955	23306N.....	113321	23681N.....	111623
22820R.....	113888	23130N.....	114658	23306R.....	113321	23681N.....	111742
22821N.....	113888	23137R.....	113536	23308N.....	115550	23682N.....	110607
22837R.....	111824	23139R.....	111321	23308R.....	115550	23710N.....	111963
22850R.....	111943	23144R.....	112535	23309R.....	114112	23716R.....	111623
22851N.....	111943	23150R.....	112334	23311N.....	115438	23716R.....	115890
22851R.....	111943	23155N.....	113697	23311R.....	115438	23717R.....	111238
2-2855-UT.....	113854	23155R.....	113697	23313N.....	114024	23718N.....	111238
22857R.....	112165	23160N-5G.....	113248	23313R.....	114024	23718N.....	112129
22862N.....	112333	23161N.....	113771	23315N.....	113336	23743N.....	112056
22862R.....	112333	23162N.....	113772	23315N.....	113942	23743R.....	112056
22874N.....	112190	23162R.....	113771	23316R.....	114010	23744R.....	112056
22880R.....	112394	23162R.....	113772	23317R.....	114024	23751N.....	112144
22885R.....	115476	23163R.....	113246	23319N.....	113896	23751R.....	112144
2-2891-MI.....	113830	23164N.....	113246	23320N.....	113252	23753R.....	112772
2-2891-MI.....	115884	23166N.....	113246	23320R.....	113252	23755N.....	114386
22894R.....	114708	23166R.....	113246	23321N.....	113947	23756N.....	111411
22898R.....	112190	23167R.....	113246	23321R.....	113947	23756N.....	113537
22902N.....	113442	23171N.....	113251	23322N.....	113947	23756R.....	111411
22911R.....	112075	23174N.....	112457	23322R.....	113947	23756R.....	113537
2-2911-UT.....	110654	23174N.....	113940	23332N.....	114128	23757N.....	111411

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
23757N	111505	23880R	114131	24001N	114114	30054N	114443
23757RW	111505	23883N	113998	24001N	116302	30054R	114443
23761R	111375	23883N	115486	24003N	115417	30087N	110981
23762R	111176	23884N	114354	24003R	115417	30095N	111399
23766R	113952	23886R	114699	24006N	114284	30104N	113468
23770R	111884	23887N	113351	24013N	114009	30107N	112581
23771R	111884	23887N	114008	24015N	114463	30108N	112581
23777N	115653	23889R	112144	24017N	114806	30110N	111771
23779N	112757	23890N	113881	24019N	115615	30111N	113609
23791N	113792	23890R	113881	24019R	115615	30111N-DR	113609
23797N	113720	23892N-OE	115418	24020R	115305	30111N-DR	113851
23798N	114377	23893R	113940	24024N	113863	30111N-DR	115885
23800N	113535	23893R	116048	24024R	113863	30114N	113608
23800N	113718	23895R	114811	24027N	115409	30115N	111640
23800R	113535	23896N	114130	24027R	115409	30118N	110213
23801N	113956	23897R	115907	24028CT-WB	114704	30123N	112498
23802N	113956	23901N	114040	24030N	115653	30125N	112055
23802R	113956	23901R	114040	24044N	114768	30126N	112446
23804N	114121	23902R	114829	24045N	115356	30126N	116135
23806N	113955	23905N	114082	24046	114065	30127N	113466
23808N	113904	23905N	116043	24048R	115910	30128N	113759
23809R	113996	23905RW	114082	24052N	114866	30129N	113760
23811R	112648	23905RW	116043	24053N	114724	30130N	113934
23812R	113404	23907N	114306	24056R	113969	30131N	113134
23813N	112648	23910N	113791	24062N	114462	30134R	111136
23813N	113404	23910R	113791	24062R	114462	30141R	110338
23814R	113404	23911R	114804	24063R	114895	30152N	110206
23816R	114510	23912R	114250	24064R	114409	30153N	114327
23817N	114088	23912R	114804	24065N	114754	30154N	114323
23817N	114510	23913R	114248	24068N	115308	30154N	115889
23817N-OG	114088	23914N	114884	24068N	115346	30155N	115639
23817N-OG	115487	23914R	114884	24070N	114083	30160N	115468
23819N	114463	23915R	114431	24070R	114083	30161R	114817
23820N	113922	23916N	114431	24077N	114391	30163N	112290
23820R	113922	23917N	114244	24077R	114391	30163R	112290
23821R	113849	23917R	114244	24078R	113946	30164N	112290
23823R	113246	23918N	114803	24079N	113946	30164N	114119
23824N	111824	23919R	111384	24079R	113946	30165N	113984
23824R	111824	23922R	113720	24085N	113987	30170N	114001
23827N	114322	23923N	113720	24086R	114749	30171N	114376
23829N	115919	23923N	113722	24090R	113275	30171N	115513
23829R	115919	23923N	115963	24092R	114665	30173N	113605
23830R	114011	23923N	116064	24094N	114665	30177N	110585
23833N	114028	23925N	113958	24097N	114000	30179N	115334
23833N	115493	23925N	115499	24098N	113986	30189N	115336
23834N	114705	23925R	113958	24100N	114292	30191R	110365
23835N	114705	23927R	114245	24100R	114292	30191R	111585
23835N	115490	23933N	114023	24103N	114840	30193R	110365
23837N	113919	23934N	116029	24107N	116180	30193R	111585
23839R	113978	23941N	113970	24108N	115419	30197N	114069
23842N	114228	23941R	113970	24110R	114490	30199R	115964
23843	113972	23945R	114111	24114	114682	30200N	115685
23845R	112673	23947N	114010	24114	114904	30203N	115376
23846N	113698	23947N	114390	24115N	115631	30204N	115337
23846R	113698	23947R	114010	24116N-OS	115860	30209N	115948
23847R	115619	23947R	114390	24119N	115695	30210N	114299
23847R	115846	23949R	114019	24121N	114291	30211R	112455
23849N	115441	23949R	116047	24122N	116203	30212R	111619
23849R	115441	23950N	113861	24123R	116056	30219N	114305
23852N	113710	23955N	114881	24127N-OS	116094	30222R	112217
23852N	116124	23956N	115926	24128N	114039	30229N	115986
23853N	113710	23958R	114249	24128R	114039	30230N	114264
23853N	116124	23961N	114492	24144N	116202	30233N	115997
23855R	113888	23961R	114492	24151N	115622	30235N-OE	115561
23856N	115317	23962R	115304	24217N	116153	30235N-OE	115944
23857R	114859	23965R	114090	24230N	115739	30236N	115561
23859N	114206	23966N	114099	24251N	112457	30240N	115335
23859R	114206	23971R	114208	24400N	115759	30240N	116059
23862N	112002	23973N	115544	24400N-OE	115759	30243N	115725
23862R	112002	23975N	113862	30002N	115635	30245N	115646
23868N	114078	23975N	113940	30009R	114318	30251N	114100
23868N	115494	23976N	115434	30015N	111231	30251N	115517
23872R	113837	23977N	114064	30021N-OE	114878	30251N	115893
23873R	113993	23977R	114064	30024N	115756	30252N	112083
23874N	114406	23978N-OS	113958	30026N	114280	30253N	114106
23874R	114406	23979N	114898	30027N	114185	30254R	113239
23875N	114358	23985R	114757	30028N	111231	30255N	115611
23876N	114212	23986R	114065	30036R	111693	30256	114443
23876N	115488	23989R	115460	30046N	115360	30256N	114443
23877N	114212	23999N	114114	30053N	114778	30265N	114474
23880N	114131	23999R	114114	30053R	114778	30267N	115426

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
30268N.....	115588	30654R.....	111269	31139R.....	113674	3124N.....	110227
30269N.....	115589	30657N.....	110839	31141R.....	111047	3124N.....	110889
30269R.....	115589	30658R.....	110844	31143N.....	111641	3124N.....	111186
30270N.....	115729	30665N.....	111619	31143R.....	111641	3124N.....	111477
30271N.....	115539	30665R.....	111619	31143R.....	114095	3124N.....	112688
30271N.....	116156	30666R.....	111619	31154R.....	115407	3124R.....	110227
30271R.....	115539	30670N.....	110461	31155R.....	115407	3124R.....	110889
30272N.....	116065	30678R.....	113928	31160N.....	111420	3124R.....	111186
30274N.....	115444	30683N.....	110847	31160R.....	111420	3124R.....	111477
30274R.....	116045	30683R.....	110847	31161R.....	111088	3124R.....	112688
30275R.....	115426	30696R.....	112124	31165N.....	111680	31250N.....	112218
30276R.....	110574	30697R.....	112124	31165R.....	111680	31253N.....	116257
30276R.....	111805	30709R.....	113346	31167NBO.....	111906	31264N.....	115439
30286N.....	110352	30720N.....	111029	31167N-BO.....	111906	31264N.....	115876
30286R.....	110352	30725N.....	111805	31167RBO.....	111906	31271N.....	115626
30289N.....	115891	30726N.....	110574	31167R-BO.....	111906	31279N.....	115698
30296R.....	111068	30730N.....	110574	31170N.....	112533	31282N.....	113962
30300R.....	110831	30730N.....	112365	31170R.....	112533	31282N.....	114123
30301N.....	115402	30733N.....	110867	31171R.....	112533	31284N.....	113760
30304N.....	115574	30737N.....	110584	31172N.....	113446	31307R.....	111525
30315N.....	114833	30737N.....	116306	31172N.....	115506	31319R.....	111849
30316N.....	114689	30738R.....	111994	31172R.....	113446	3131N.....	110965
30321N.....	116087	30740N.....	113672	31172R.....	115506	3131N.....	111426
30327N.....	115558	30740N.....	115881	31173N.....	111823	3131N.....	111653
30329N.....	114220	30743R.....	111421	31173R.....	111823	3131R.....	110965
30329N.....	116132	30743R.....	116327	31179N.....	113601	3131R.....	111426
30339N.....	114159	30756N.....	111131	31179R.....	113601	3131R.....	111653
30340R.....	111102	30756R.....	111131	31183N.....	112006	3132N.....	110224
30341N.....	115607	30758R.....	111030	31184N.....	112006	3132N.....	111517
30341NOE.....	115607	30760R.....	111030	31184R.....	112006	31333N.....	114061
30341N-OE.....	115607	30775N.....	113389	31185R.....	111874	31344R.....	111724
30341NOS.....	115607	30776N.....	115312	31187N.....	112103	31346R.....	114056
30341N-OS.....	115607	30776R.....	115312	31195N.....	112454	31346R.....	113271
30343N.....	114402	30777R.....	110842	31196R.....	114233	31347N.....	111874
30350N.....	114760	30788R.....	111750	31199N.....	113752	3134N.....	111213
30350N.....	114821	30790R.....	111750	31199R.....	113752	31351N.....	114742
30364N.....	114869	30889R.....	114758	31202N.....	114321	31352R.....	111492
30366N.....	115830	30892N.....	113750	31205N.....	111931	31354N.....	110389
30367R.....	111558	30892R.....	112307	31205R.....	111931	31354R.....	110389
30368N.....	115769	30893N.....	112475	31206N.....	113267	31379R.....	111874
30371N.....	115961	30897N.....	111565	31206R.....	113267	31379R.....	114240
30371R.....	115961	30897R.....	111565	31207N.....	113346	31383N.....	115736
30388N.....	115612	30899N.....	111123	31208N.....	113281	31384N.....	115999
30388RW.....	115612	30934R.....	110518	31210R.....	114525	31397N.....	112382
30403N.....	115723	30972R.....	110575	31212N.....	113662	3142N.....	111518
30404N.....	115727	30978R.....	113701	31212R.....	113662	3142N.....	111705
30421N.....	115829	30982R.....	111455	31215N.....	114889	3142N.....	112679
30425R.....	115624	30984N.....	111984	31217N.....	111995	3142N.....	112735
30430N.....	115645	30984R.....	111984	31218N-OS.....	116051	3142R.....	111518
30431N.....	116286	30989N.....	111422	31219N.....	112236	3142R.....	111705
30431R.....	116286	30989R.....	111422	31220N.....	112435	3142R.....	112679
30451N.....	115610	3-1000-01BO.....	111225	31220R.....	112435	3142R.....	112735
30454R.....	115634	3-1003-01LU.....	110482	31222R.....	111123	31501N.....	114073
30467R.....	110394	3-1005-01LU.....	110484	31223N.....	112431	31510N.....	114020
30477N.....	111070	3-1007-01HI.....	113145	31223R.....	112431	31510R.....	114020
30477R.....	114126	3-1007-01HI-1.....	113145	31224N.....	112320	3151R.....	111141
30477RW.....	114126	3-1012-01HI.....	113145	31226N.....	111908	3152N.....	110228
30484R.....	115598	3-1012-01HI-1.....	113146	31227N.....	111904	3152N.....	111164
30485N-OS.....	114183	3-1013-01HI.....	113146	31229R.....	112083	3152R.....	111164
30492R.....	114816	3-1013-01HI-1.....	113146	31230N.....	112083	3153N.....	110225
30500N.....	115563	3-1014-01HI.....	113147	31230R.....	112083	3153R.....	110225
30500NOS.....	115563	3-1014-01HI-1.....	113147	31231N.....	112438	3157R.....	110628
30500N-OS.....	115563	3-1015-01HI.....	113144	31231R.....	112438	3182N.....	110225
30500N-OS.....	115698	3-1015-01HI-1.....	113144	31232N.....	114741	3185N.....	111169
30508R.....	115555	3-1016-HD.....	111919	31233N-OS.....	116092	3185N.....	112149
30514R.....	110402	3-1018-DR.....	113142	31235N.....	113761	3185R.....	112149
30514R.....	111385	3-1019-DR.....	113143	31235R.....	113761	3188N.....	112016
30520.....	116270	3-1022-01HI-1.....	113148	31236N.....	115442	3191N.....	111321
30525R.....	113745	3-1026-LU.....	110483	31239N.....	115644	3191N.....	111578
30528N.....	113901	3103N.....	111479	3123N.....	111185	3191R.....	111578
30531R.....	111063	31-100.....	112413	31241N.....	115330	3196N.....	111176
30533R.....	111063	31101N.....	111508	31242N.....	115728	32041N.....	111100
30560R.....	111059	31102N.....	112053	31242N-OS.....	115728	3204N.....	110682
30613R.....	110443	31102R.....	112053	31243N.....	114871	3204R.....	110620
30614R.....	111025	31112R.....	110831	31244N.....	113271	32077N.....	113268
30617N.....	110565	31115N.....	111214	31244R.....	113271	3212N.....	110509
30618N.....	114850	31115R.....	111214	31244RW.....	113271	3212R.....	110231
30619N.....	114733	31116R.....	111214	31245N.....	114761	3213N.....	110628
30619N.....	115894	31123N.....	113361	31246N.....	115949	3213N.....	111131
30649R.....	111115	31131N.....	115642	31248N.....	115613	3214N.....	110628
30650R.....	111115	31139N.....	113674	31249N.....	116024	3214N.....	111131

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
32160R	113846	32568N	113329	32712R	113937	33181N	115362
3217N	112235	32568R	113329	32714N	114059	33182N	114032
32182R	111445	32570N	113254	32715N	113964	33182R	114032
32211R	110854	32571R	112474	32715R	113964	33183N	114108
32213R	112455	32572N	112474	32716N	113977	33183R	114108
32232R	112166	32575N	113319	32720R	114776	33186N	113796
32239R	114318	32579R	112445	32726N	113962	33186R	113796
3231R	113222	32580N	114051	32726R	113962	33187N	114732
32328N	112370	32580R	114051	32727R	113962	33187R	114732
3234N	112603	32582N	112445	32727RW	113962	33193N	114071
32351N	113702	3258R	110223	32729N	113929	33193R	114071
32352N	113702	32593N	113927	3272N	111131	33194N	114094
32352R	113702	32598N	115974	32730R	114482	33196N	114096
32358R	112434	32598R	115974	32735N	114176	33196R	114096
32367N	111912	32607R	110958	32735R	114176	33198N	114062
32367R	111912	32611R	114294	32737N	113933	33198R	114062
32389N	112221	32613N	113515	32738N	114161	33206N	114297
32389R	112221	32613R	113515	3273N	110877	33212N	114283
3238N	112600	3261N	112235	3273R	110877	33216N	115349
3238N	113222	32620N	114060	32747N	113177	33217N	113938
3238R	112600	32621N	114060	32747N	115329	33220N	114317
3239N	111844	32623N	113327	32750N	114764	33221N	113451
3239N	112056	32623R	113327	32756R	115554	33221R	113451
3239R	111844	32625N	110584	32791N	113925	33222N	112436
3240N	110877	3262N	112340	32791R	113925	33223N	113935
3240N	112056	3262R	112340	32792R	113446	33223R	113935
32414N	113757	32638N	113303	32793N	114742	33224N	112026
32414R	113757	32640N	113929	32794N	115734	33224R	112026
32415N	113757	32640N	113930	32795N	116002	33226N	114854
3241N	111354	32647N	112388	32799R	113292	33226N-OE	114854
32438R	111442	32647R	112388	32801N	114127	33230N	115327
32446N	112217	32648N	113276	32801R	114127	33231R	115361
32451N	114125	32651N	115522	32802N	114091	33243N	113959
32452N	114125	32655R	111559	32802R	114091	33243R	113959
32453N	112322	32662N	114223	32803N	114742	33244N	113756
32461N	115951	32662R	114223	32805N	116083	33244N	116303
32461R	115951	32667R	113931	32893N	111679	33246N	113860
32465N	115523	32669N	113931	32957N	112822	33248N	115440
32471N	112441	32671N	116026	32957N	115880	33252N	113719
32471N	115505	32673N	113842	32958N	112823	33252N	115869
32474R	114123	32673R	113842	32958N	115872	33253N	114217
32475R	113446	32674N	113842	32964N	114072	33265N	114216
32500N	113906	32674N	115508	32965R	114071	33267R	115553
32500R	113906	32674N-OE	113842	32968N	115624	33269N	114171
32501N	112821	32674N-OE	115508	3300R	110627	33269R	114171
32501N	115870	32675N	114034	3300R	112267	33275N	114030
32501R	112821	32675R	114034	33013R	111070	33275R	114030
32501R	115870	3267N	110358	33016N	113926	33276R	114661
32505N	113911	3267N	110360	33031N	113677	33277N	114661
32507N	113794	3267N	110759	33037R	113605	33278N	113959
32507R	113794	3267N	111086	33039R	115540	33280N	114849
32508N	113908	3267N	111653	33071N	111685	33281N	115627
32508N	116062	3267N	112646	33071R	111685	33282N	115399
32510N	113910	3267R	112646	33072R	114299	33283N	113931
32512N	110461	32684N	114502	33079R	113644	33284N	115400
32512R	110461	32684RW	114502	33080N	114199	33285N	114851
32513N	114092	32687N	114175	33083N	111848	33287N	114853
32514N	113906	32688N	114173	33083R	111848	33289N	113928
32516N	113905	3268N	110385	33085N	112336	33290N	115771
32516R	113905	3268N	111183	33088N	110440	33291N	114886
32517N	111906	3268R	111183	33088R	110440	33292N	115394
32525N	111849	32690N	114144	33089N	110441	33292R	115394
32525R	111849	32690N	114237	33091N	112439	33295N	113963
32530R	112370	32690R	114144	33091R	112439	33295R	113963
32534N	114762	32695N	113445	33100N	112295	33296N	115573
32537N	113481	32695R	113445	33100N	114460	33302N	114052
32545N	114814	32699N	113323	33110N	112295	33302R	114052
32545R	114814	32699R	113323	33110R	112295	33306N	112304
32553N	112430	32700N	114723	33113R	112475	33307N	114232
32554R	115354	32703N	112474	33122N	115717	33307R	114232
32555N	112014	32706N	113678	33123N	115735	33308N	114074
32556N	113965	32706R	113678	33126N	115636	33308R	114074
32556R	113965	32706R	115507	33127N	115401	33309N	113797
32557R	113965	32708N	114162	33130N	115818	33309R	113797
32561N	115522	32708R	114162	33149N	112235	33310N	114180
32564N	112444	3270N	110682	33164N	115643	33311N	114193
32565N	112218	3270N	112586	33164R	115643	33311N	115877
32566N	112218	32710R	114304	33165R	114885	33315R	114526
32566N	113932	32711N	115733	33169N	113843	33318N	114054
32566R	112218	32711R	115733	33169R	113843	33318N	115516
32566R	113932	32712N	113937	33173N	114058	33318R	114054

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
WAI Continued							
33318R.....	115516	48932.....	110505	50-8101.....	110160	5726N.....	112826
33320N.....	114068	48952-DP.....	110505	50-8101-1.....	110160	5732N.....	110636
33325N.....	115398	48952-DP.....	110508	50-8101-8.....	110160	5734N.....	112146
33326N.....	114692	48984.....	110505	50-8102-1.....	110617	5735N.....	110648
33327N.....	114177	48993.....	110952	50-8102-8.....	110617	5736N.....	110648
33328N.....	115336	48995.....	110233	50-8103-9.....	110280	5742N.....	110634
33329N.....	115562	48995.....	110505	50-8104-9.....	110412	5742N-HD.....	110634
33330R.....	114690	49-0955.....	110636	50-8106-1.....	110616	5743N.....	110635
33334R.....	115982	4930N.....	110347	50-8106-9.....	110616	5744N.....	112242
33336N.....	115328	50-100.....	110436	50-8200-2.....	110626	5744N-HD.....	112242
33338N.....	115732	50-100-1.....	110436	50-8401.....	112341	5745N.....	111804
33345N.....	114029	50-100-2.....	110436	50-8402.....	112341	5746N.....	112563
33353N.....	114057	50-103.....	110999	50-8402-2.....	112341	5746N-HD.....	112563
33355N.....	115842	50-103-1.....	110999	50-8403.....	110602	5747N.....	112566
3339N.....	110436	50-103-2.....	110999	50-8404.....	110590	5749N.....	112312
3339N.....	110664	50-104.....	111000	50-8406.....	111041	5751N.....	112313
33404N.....	115357	50-104-1.....	111000	50-8406-1.....	111041	5754N.....	112565
33407N.....	110462	50-104-2.....	111000	50-8406-2.....	111041	5754N-HD.....	112565
33407N.....	115391	50-105.....	112341	50-8407.....	112267	5756N.....	111012
33407N.....	116137	50-105-9.....	112341	50-8410.....	110604	5757N.....	110949
33408N.....	116136	50-108.....	112089	50-8416.....	111760	5758N.....	113591
33409N.....	114388	50-108-1.....	112089	50-8417.....	112268	5761N.....	110510
33410N.....	114387	50-108-2.....	112089	50-8418.....	112652	5762N.....	112157
33410N.....	116307	50-111.....	110347	50-8420.....	112267	5763N.....	113592
33411N.....	113532	50-111-1.....	110347	50-8421.....	111760	5764N.....	112830
33412N.....	114903	50-111-2.....	110347	50-8422.....	111221	5769N.....	112829
33415N.....	115776	50-114.....	111786	50-8423.....	111222	5770N.....	112244
3510MN.....	110216	50-116.....	110414	50-8426.....	110602	5771N.....	112150
3510MR.....	110216	50-121.....	110221	50-8426-1.....	110602	5774N.....	112831
3510N.....	110216	50-124.....	110221	50-8431.....	112268	5775N.....	113017
3510N-PG.....	110216	50-125.....	110221	50-8433.....	113435	5776N.....	113539
3535N.....	110221	50-133.....	110221	50-8434.....	111760	5777N.....	113853
3550N.....	111277	50-141.....	110221	50-8436.....	112668	5777N.....	114519
3563N.....	110221	50-150.....	110436	50-8437.....	112267	5796N.....	113854
3629R.....	110216	50-150-1.....	110436	50-9100.....	110525	5801N.....	114075
3630R.....	110218	50-150-2.....	110436	50-9100-1.....	110525	5802N.....	113017
3631N-PG.....	110216	50-151.....	111000	50-9101.....	110529	5821N.....	115469
3686N.....	110216	50-151-1.....	111000	50-9101-1.....	110529	5917N.....	115406
3696N.....	110218	50-151-2.....	111000	50-9103.....	110536	5918N.....	113594
3696N.....	112897	50-151-3.....	111000	50-9103.....	116139	5919N.....	113476
3696R.....	110218	50-152.....	110999	50-9104.....	110551	5922N.....	114888
3696R.....	112897	50-152-1.....	110999	50-9105.....	110522	5930N.....	114520
3697N.....	110218	50-152-2.....	110999	50-9105-1.....	110522	5932N.....	114519
3702N.....	110347	50-153.....	112089	50-9106.....	110523	5933N.....	114517
3733N.....	110216	50-153-1.....	112089	50-9107.....	111004	5936N.....	115591
3745N.....	110347	50-153-2.....	112089	50-9108.....	110517	5937N.....	115592
3745N-Z.....	111000	50-154-9.....	111221	50-9109.....	110536	5951N.....	113593
3757N.....	111000	50-157-9.....	112267	50-9109-1.....	110536	61-6955.....	110636
3838N.....	110216	50-159.....	111224	50-9109-1.....	116139	6266N.....	113695
3838N.....	112897	50-159-1.....	111224	50-9110.....	110523	6269N-PT.....	112169
3838R.....	110216	50-159-2.....	111224	50-9110.1.....	110523	6287N.....	113695
3902N.....	110347	50-160.....	112243	50-9110-1.....	110523	6307N.....	110221
3902R.....	110347	50-160-1.....	112243	50-9112.....	110537	6307R.....	110221
3905N.....	111075	50-160-2.....	112243	50-9113.....	110512	6313N.....	111034
3945N.....	111000	50-161.....	111224	50-9115.....	110534	6313N.....	111786
3948N.....	110999	50-161-1.....	111224	50-9117.....	110206	6313R.....	111034
3974N.....	111000	50-162.....	112255	50-9120.....	110531	6316N.....	110414
3974N.....	112089	50-162-1.....	112255	50-9122-1.....	110518	6317N.....	110221
3974R.....	111000	50-171.....	111034	50-9123.....	113465	6317R.....	110221
3974R.....	112089	50-171-9.....	111034	50-9124.....	110536	6339N.....	110221
4174N.....	112006	50-173.....	111127	50-9124.....	116139	6339R.....	110221
4174R.....	112006	50-180.....	112904	50-9124-1.....	110536	6356N.....	112089
4234N.....	110468	50-181.....	112897	50-9124-1.....	116139	6356R.....	112089
4246R.....	110468	50-183.....	111034	50-9200.....	110462	6356R-USA.....	112089
42704.....	110300	50-185.....	110216	50-9200-1.....	110462	6359N-PT.....	112243
42704.....	112160	50-186.....	112240	50-9200-1.....	116137	6360N.....	110999
42704P.....	110300	50-188.....	112904	50-9303.....	110529	6360R.....	110999
42704P.....	112160	50-191.....	111127	50-9900.....	110640	6363N.....	110999
42735.....	112265	50-191-9.....	111127	50-9903-9.....	110449	6370N.....	111000
42735.....	112294	50-192.....	113153	5285N.....	110644	6370R.....	111000
42737.....	112992	50-192-1.....	113153	5399N.....	110654	6371N.....	110436
42753.....	110591	50-201.....	112963	5401N.....	110654	6371R.....	110436
4275R.....	112660	50-207.....	112016	5708N.....	110648	6380N-PT.....	112255
42763.....	111261	50-221.....	111844	5712N.....	111043	6382R.....	111224
42917.....	110505	50-222.....	113222	5713N.....	110647	6405N.....	110944
4302N.....	110468	50-232.....	112235	5716N.....	110647	6407N.....	111786
4337N.....	110506	50-233.....	112340	5718N.....	110240	6407N.....	113679
4337R.....	110506	50-234.....	111374	5719N.....	110644	6407R.....	111786
4398N.....	112175	50-239.....	112586	5722N.....	110644	6407R.....	113679
4525N.....	113172	50-240.....	111183	5723N.....	112145	6410N-PT.....	111224
48-0955.....	110636	50-241.....	112646	5724N.....	112247	6416N.....	111034

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
6416R	111034	6584N	111041	6867N-P	113550	7263N	112261
6419N	111034	6584R	115721	6867R	113550	7263R	112261
6419N	112912	6586N	110602	6904N	111982	7266N	112989
6419R	111034	6586R	110602	6904N	115801	7273-3RR	110508
6419R	112912	6587N	112268	6907N	110436	7273-9RR	110508
6423N	111786	6587R	112268	6910N	114003	7273-RR	110075
6440N-PG	112233	6589N	113452	6910R	114003	7273-RR	110508
6442N	112897	6589R	113452	6911N	113550	7277-9R	110508
6449N	112240	6590N	110510	6911N-P	113550	7278-12N	110233
6449NM	112240	6592N	111760	6913N	113550	7278-12R	110233
6449R	112240	6592R	111760	6919N	114003	7282-9R	110505
6468N	112341	6594N	112652	6924N	112089	7287-12R	110492
6469N	112341	6594R	112652	6935N	115641	7287-9N	110492
6469R	112341	6597N	111012	6935R	115641	7288-12R	110724
6470N	112897	6598N	113435	6939N	114298	7290-3R	110492
6470R	112897	6598R	113435	6946N	114298	7291-12R	110492
6471N	112904	6599N	112071	6946R	114298	7292-3N	110471
6471R	112904	6600N	112660	6947N	115773	7292-3N	110508
6481R	112900	6600N	112668	6974N	115758	7292-3R	110471
6482N	112906	6600R	112660	6975N	115758	7292-3R	110508
6483N	112912	6600R	112668	6978N	114298	7292-9N	110471
6483R	112912	6601N	111221	6996R	115575	7292-9N	110508
6485N	112241	6602N	113465	6998R	116049	7292-9RR	110471
6485R	112241	6605N	114523	7006R	110074	7294-12N	110233
6488N	112902	6612N	115405	7024N	110236	7294-12N	110471
6489N	112902	6615N	112233	7024R	110236	7294-12N	110508
6489R	112902	6616N	112232	7058N	110237	7294-12R	110233
6490N	112905	6633N	113695	7058R	110237	7294-3N	110233
6490R	112905	6638N	115347	7107R	110075	7294-3N	110471
6491N	112900	6643N	111478	7122N	110075	7294-3N	110508
6491R	112900	6645N	112235	7122R	110075	7294-3R	110471
6492N	112906	6645R	112235	7127-12R	110233	7294-3R	110508
6492NM	112906	6646N	110542	7127-3N	110075	7294-6N	110233
6492R	112906	6646N	112098	7127-3R	110075	7294-6N	110471
6492RM	112906	6646N	112722	7127-6N	110075	7294-6N	110508
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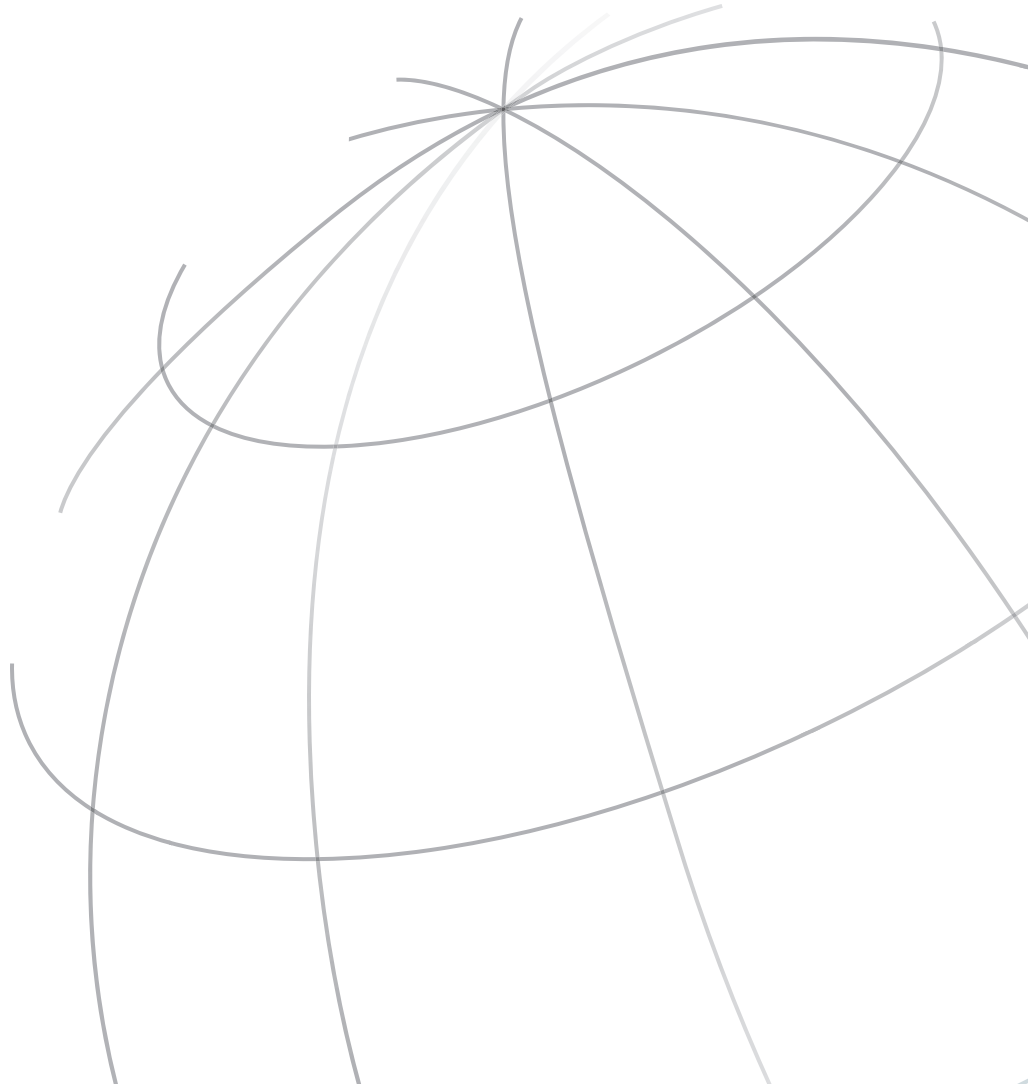
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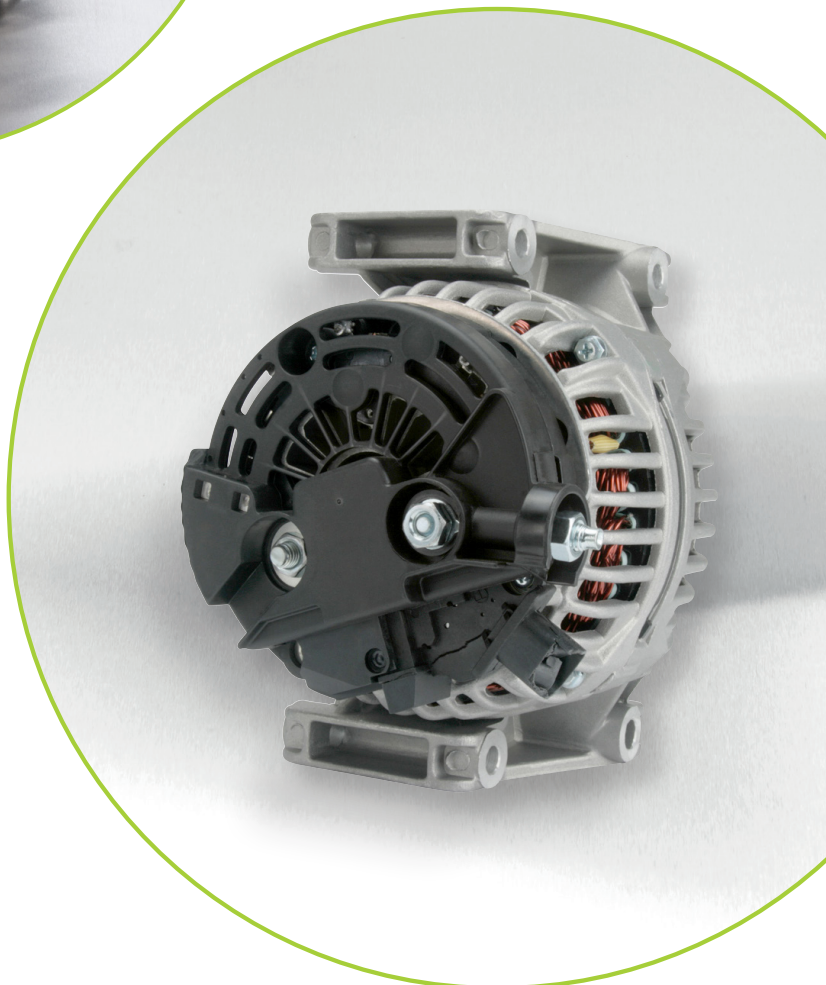
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