



Automotive Components since 1963

ELECTRICAL PARTS & ENGINE MANAGEMENT

2011/2012



ELECTRICAL PARTS & ENGINE MANAGEMENT

**Edition
2011/2012**



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ABBREVIATIONS:

AC=Air Condition, **Alu**=Aluminium, **Amp.**=Ampere, **AT**=Automatic Transmission, **Cat.**=Catalyzer, **Ch.**=Chassis, **Cyl.**=Cylinder, **CW**=Clockwise rotation, **Eur.**=European application, **FWD**=Front Wheel Drive, **H**=Height, **HD**=Heavy Duty construction, **HP**=Horse Power, **I.D.**=Inner Diameter, **kW**=Kilowatt, **L**=Length, **LHD**=Left Hand Drive, **LL**=Lead Length, **M**=Minimum supply, **MT**=Manual Transmission, **Mtr.**=Metre, **O.D.**=Outer Diameter, **O.E.**=Original Equipment, **PS**=Power Steering, **RHD**=Right Hand Drive, **Th.**=Thickness, **V.**=Volt, **W/**=With, **W/o**=Without, **W.**=Width, **4WD**=Four Wheel Drive, **[]**=Eng. no.

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Care is taken to ensure the accuracy of descriptions and applications of each item, but  assumes no responsibility for possible errors. O.E.M. names and numbers are used for reference purposes only.
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CCTV Rear Observation System



160775 Rear Observation Kit
12 / 24 V., Display size 7", Monitor LED,
Extension cable 20 m, Camera Colour,
Accessories DVD, No. of cameras 4+1,
Audio Yes, Extra camera Yes,
Infrared Yes
Camera: Cargo 160796. Monitor w/ quad.



160783 Rear Observation Kit
12 / 24 V., Display size 7", Monitor LED,
Extension cable 20 m, Camera Colour,
Accessories DVD, No. of cameras 3+1,
Audio Yes, Extra camera Yes,
Infrared Yes
Camera: Cargo 160796.



160793 Rear View Mirror Monitor kit
12 / 24 V., Display size 4.3",
Camera Colour, Accessories DVD,
No. of cameras 2, Audio Yes,
Extra camera Yes
w/o camera and extension cable. Use
camera: Cargo 160610, 160790, 160796.
Extension cables use: Cargo 160611,
160612, 160613, 160672.



160882 CCTV Multimedia System
12 V., Display size 3.5",
Monitor Multimedia rear view mirror,
Camera Color - Wireless,
No. of cameras 1, Audio No,
Extra camera No, Infrared Yes
w/ handsfree bluetooth. Camera IP67.



160886 Rear Observation Kit
12 / 24 V., Display size 5.8",
Monitor TFT-LCD, Extension cable 20 m,
Camera Colour, No. of cameras max. 2,
Audio Yes, Extra camera Yes, Infrared Yes
Incl. 1 remote control. Camera: Cargo
160887.

Cameras



160610 CCTV Camera
Servicing: Cargo:160775, 160783, 160793.
12 V., Type Colour, Signal PAL,
Colour Black, O.D. 30 mm, Length 70 mm,
Picture sensor 1/3" CCD, Weight 200 gram,
Material Aluminium,
Shutter rate 1/50 - 1/100.000 sec,
Light sensitivity 0.9 lux,
Resolution >330 TV lines,
Microphone No, Mirror function Yes,
Infrared No, Protection degree IP 68
Wide angle 110° diagonal.



160790 Colour Camera, Mini
Servicing: Cargo 160775, 160783, 160793.
12 V., Type Colour, Signal PAL,
Colour Black, O.D. 21 mm, Length 40 mm,
Picture sensor 1/4 inch CCD,
Weight 240 gram, Material Aluminium,
Light sensitivity 1.2 lux, Microphone No,
Mirror function Yes, Infrared No,
Protection degree IP 67
170° viewing angle.



160796 Colour Camera w/ Audio
Servicing: Cargo 160775, 160783, 160793.
12 V., Type Colour, Signal PAL/NTSC,
Colour White, Height 75 mm, Depth 60 mm,
Picture sensor 1/3" CCD,
Width 90 mm, Material Aluminium,
Shutter rate 1/50 - 1/100.000 sec,
Light sensitivity 0 lux,
Resolution 420 TV lines,
Microphone Yes, Mirror function Yes,
Infrared Yes, Protection degree IP 67
Mirror function optional, Wide angle H: 122°
W: 91° diagonal 156°



160880 Side Camera
Servicing: Cargo 160775, 160783, 160793.
12 V., Type Colour, Signal PAL,
Colour Black, Height 60.7 mm,
Depth 82.6 mm, Picture sensor 1/4" CCD,
Width 61.12 mm, Material Aluminium,
Shutter rate 1/60 - 1/100.000 sec,
Light sensitivity 0 lux/ IR LED on,
Resolution 380 TV Lines, Microphone No,
Mirror function Yes, Infrared Yes

**160887** Colour Camera

Servicing: Cargo 160886.

12 V., Type Colour, Signal PAL,
Colour Black, Height 43 mm, Depth 57 mm,
Picture sensor 1/3" CCD, Width 75 mm,
Material Aluminium, Light sensitivity 0 lux,
Resolution 420 TV Lines,
Microphone Yes, Mirror function Yes,
Infrared Yes, Protection degree IP 68
150° viewing angle.

Monitors**160776** Monitor

Servicing: Cargo 160775.

12 / 24 V., Type LED, Signal PAL/NTSC,
Display size 7", No. of cameras 4+1,
Loudspeaker Yes, Mirror function Yes

**160784** Monitor

Servicing: Cargo 160783.

12 / 24 V., Display size 7", Monitor LED,
No. of cameras 3+1, Audio Yes

**160898** Monitor

Servicing: Cargo 160886

12 / 24 V., Type TFT-LCD, Signal PAL/NTSC,
Display size 5.8", Loudspeaker Yes,
Mirror function No

Accessories**160603** 6 pin mini DIN to RCA connection

Plug Mini Din 6 pin / RCA

**160663** Trailer Cable Kit

Servicing: Cargo 160775, 160783.

Coil length 3 m,
Socket to camera cable 0.2 m,
Socket to monitor cable 0.5 m,
Plug Mini Din 6 pin,
Trailer cable kit Mini Din 6 pin

**160785** Adaptor

Adapter that enables the use of Cargo
160774 together w/ kit: Cargo 160780.

**160789** Mounting Bracket

For vertical mounting of monitors in Cargo
160775 and 160783.

**160916** Trailer Cable Kit

Servicing: Cargo 160886.

Coil length 3 m,
Socket to camera cable 0.2 m,
Socket to monitor cable 0.5 m,
Plug 4 pin, Trailer cable kit 4 pin

**160961** Power Cable

Servicing: Cargo 160886.

CCTV Extension Cable

CARGO	Length	Plug
160611	20 m	Mini Din 6 pin
160612	15 m	Mini Din 6 pin
160613	10 m	Mini Din 6 pin
160672	6 m	Mini Din 6 pin
160888*	20 m	4 pin

* Only for 5.8" system.

Parking Sensors**160884** Parking Sensor

9 - 14 V.,
Display dimension 128 x 27 x 22 mm,
Sensor diameter 20 mm
4 sensors. Wireless.



160930 Parking Sensor
9 - 14 V.,
Display dimension 128 x 27 x 22 mm,
Sensor diameter 20 mm
8 sensors. Wireless.

Reversing Alarms

Pkg 25



160346 Reversing Alarm
12 V., 20 Watt, 90 Db, **Bulb** Halogen
w/ "beep-beep" warning sound. BA15S.

Pkg 25



160410 Reversing Alarm
24 V., 20 Watt, 90 Db, **Bulb** Halogen
w/ "beep-beep" warning sound. BA15S.



160481 Reversing Alarm
12 / 24 V., 2500 Hz, 96 Db,
Waterproof Yes



160482 Reversing Alarm
12 / 24 V., 900 Hz, 100 Db,
Waterproof Yes, **ADR approved** Yes
Night attenuation, excluding when fog lights are on.



160689 Reversing Alarm
12 / 80 V., 3200 Hz, 85 Db,
ADR approved No

Buzzers



160533 Warning Buzzer
24 V., 21 mA, 400±100 Hz, 99 Db



160534 Warning Buzzer
12 V., 25 mA, 400±100 Hz, 97 Db



160636 Buzzer
400±100 Hz, 97 Db
48V.

Horns

Air Horns Marine



160047 Marine Horn
380 Hz, **Material** Chromed Brass
*To be powered by electric air compressor.
Audibility at least 1500 mtr. over open water.*



160048 Marine Horn
380 Hz, **Material** Stainless steel
*To be powered by electric air compressor.
Audibility at least 1500 mtr. over open water.*



160632 Marine Air Horn
24 V., 228 Hz, **Material** Stainless steel



160634 Marine Air Horn
12 V., 630 Hz, **Type** Single tone.,
Material Enameled Brass
*Approvals Rina ELE/35398/2, LLoyds
Register MSA 9800031.*



160756 Marine Air Horn
24 V., 630 Hz, **Type** Single tone.,
Material Enameled Brass
Approvals Rina ELE/35398/2, LLoyds Register MSA 9800031.

Air Horns



160038 Pneumatic Horn
330/370 Hz, **Type** Dual tone,
Material Chromed Metal, **E-approved** Yes
Operating pressure 500-1200 kPa. For trucks equipped w/ on-board air, or to be equipped w/ Cargo 160333/160334 compressor.



160355 Pneumatic Horn
Servicing: For Trucks.
210 Hz, **Type** Single tone.,
E-approved Yes
Operating pressure 300-1200 kPa. For trucks equipped w/ on-board air.



160356 Pneumatic Horn
Servicing: For Trucks.
190 Hz, **Type** Single tone.
Operating pressure 300-1200 kPa. For trucks equipped w/ on-board air.

Compressor Type



160002 Compressor Horn
12 V., 630 - 795 Hz, **Type** Dual tone,
Material Shockproof plastic,
E-approved Yes



160508 Compressor Horn
24 V., 692 - 756 Hz, **Type** Dual tone,
Material Shockproof plastic,
E-approved Yes

Accessories



160039 Electric Valve

Pkg 10



160042 Y-Connector
For hose I.D. 8 mm.



160213 Compressor
24 V.
For marine horn on boats under 20 mtr. Fits Cargo 160047 and 160048. Max. 2.5 bar.



160333 Compressor
12 V., **Type** 1, 2 og 3 tones
Approved for boats until 12 mtr.



160334 Compressor
24 V., **Type** 1, 2 og 3 tones
Max. 0.9 bar.



160713 Compressor
Servicing: Fire brigade
12 V.



160905 Compressor
Servicing: Fire brigade
24 V.



160743 Compressor Horn
12 V., 310 Hz, **Type** Single tone.



160744 Compressor Horn
24 V., 310 Hz, **Type** Single tone.



160036 Twin Fanfare Horn
12 V., 410 - 510 Hz, **E-approved** Yes



160059 Horn
12 V., 400 Hz, **Type** Single tone.,
Material Steel, **E-approved** Yes



160302 Horn
24 V., 400 Hz, **Type** Single tone.,
E-approved Yes



160335 Horn
12 V., 335 Hz, **Type** Single tone.,
E-approved Yes



160336 Horn
24 V., 335 Hz, **Type** Single tone.,
E-approved Yes



160393 Horn
36 - 48 V., 335 Hz, **Type** Single tone.,
E-approved Yes



160414 Horn
24 V., 370 Hz, **Type** Single tone.,
Material Chromed Brass
Model EM2.



160415 Horn
12 V., 370 Hz, **Type** Single tone.,
Material Chromed Brass
Model EM2.



160658 Horn
Servicing: VW.
12 V., 335 Hz, **Type** Single tone.,
Material Steel, **E-approved** Yes
w/ K-Jetronic connection.



160712 Horn
12 V., **Type** Dual tone
w/ K-Jetronic connection.



160746 Horn
Servicing: Scooters & Motor Cycles.
12 V., 410 - 510 Hz, **Type** Single tone.,
Material Steel, **E-approved** Yes
Ø70mm

Pkg 50



190097 PVC Pipe
I.D. 8 mm, **Temperature** -15° til +60°,
Pipe Transparent plastic, 50 m

Voltage Converters

Switch Mode



160306 Voltage Converter
24 V. In, 13.8 V. Out,
18 Amp. (5 min), 12 Amp.-Cont,
160 Watt - Out, Dimension 128 x 87 x 50
CE-approved. The converter is supplied
w/ a unique mounting bracket. The
converter is intended for use w/ heavy duty
communication equipment or other similar
equipment. Fitting instruction included.



160387 Voltage Converter
24 V. In, 13.8 V. Out, 6 Amp. (5 min),
3 Amp.-Cont, 40 Watt - Out,
Dimension 68 x 87 x 50
CE-approved. The converter is supplied w/ a
unique clip mounting bracket. The converter
is intended for use w/ radios, cassette players
or other similar equipment. Fitting instruction
included.



160388 Voltage Converter
24 V. In, 13.8 V. Out, 10 Amp. (5 min),
6 Amp.-Cont, 75 Watt - Out,
Dimension 90 x 87 x 50
CE-approved. The converter is supplied w/ a
unique clip mounting bracket. The converter
is intended for use w/ radios, cassette players
or other similar equipment. Fitting instruction
included.



160389 Voltage Converter
24 V. In, 13.8 V. Out,
30 Amp. (5 min), 24 Amp.-Cont, 330
Watt - Out, Dimension 168 x 87 x 50
CE-approved. The converter is supplied
w/ a unique clip mounting bracket. The
converter is intended for use w/ high power
audio installations and high frequency radio
transmission or other similar equipment.
Fitting instruction included.



160390 Voltage Converter
24 V. In, 13.8 V. Out, 6 Amp. (5 min),
3 Amp.-Cont, 40 Watt - Out,
Dimension 90 x 87 x 50
CE-approved. The converter is supplied w/ a
unique clip mounting bracket. The converter
is intended for use w/ the same equipment
as Cargo 160387, but for systems where
full isolation is required e.g. marine electrical
systems and vehicles for petroche.



160391 Voltage Converter
24 V. In, 13.8 V. Out,
10 Amp. (5 min), 6 Amp.-Cont,
75 Watt - Out, Dimension 128 x 87 x 50
CE-approved. The converter is supplied w/ a
unique clip mounting bracket. The converter
is intended for use w/ the same equipment
as Cargo 160388, but for systems where full
isolation is required e.g. marine electrical
systems. Fitting instruction included.



160392 Voltage Converter
24 V. In, 13.8 V. Out,
18 Amp. (5 min), 12 Amp.-Cont,
144 Watt - Out, Dimension 168 x 87 x 50
CE-approved. The converter is supplied w/ a
unique clip mounting bracket. The converter
is intended for use w/ the same equipment as
Cargo 160306, but for systems that require
full isolation. Fitting instruction included.



160502 Trailer Connecting Unit
Servicing: For 12V. trailer pulled by a 24V.
vehicle.
12 / 24 V., No. of poles 7, IP rating IP 65
Mounted w/o use of converter.



160579 Voltage Converter
36 - 90 V. In, 12 V. Out, 6 Amp.-Cont,
Dimension 134 x 94 x 18,
Protection degree IP 68



160580 Voltage Converter
36 - 90 V. In, 12 V. Out, 15 Amp.-Cont,
Dimension 134 x 94 x 48,
Protection degree IP 68



160640 Converter
24 V. In, 12 V. Out, 60 Amp. (5 min),
50 Amp.-Cont, 600 Watt - Out



160642 Converter
12 V. In, 24 V. Out, 4 Amp. (5 min),
3 Amp.-Cont, 72 Watt - Out,
Dimension 89 x 87 x 50



160644 Converter
12 V. In, 24 V. Out,
9 Amp. (5 min), 7 Amp.-Cont,
168 Watt - Out, Dimension 167 x 87 x 50



160646 Converter
12 V. In, 24 V. Out,
13 Amp. (5 min), 10 Amp.-Cont,
240 Watt - Out, Dimension 217 x 87 x 50



160899 Trailer Light Converter Adapter
24 V. In, 12 V. Out,
6 x 70 Watt - Out
Max output 220W. 7 - 13 pole.



160900 Trailer Light Converter Adapter
24 V. In, 12 V. Out,
6 x 70 Watt - Out
Max output 220W. 7 - 7 pole.



160901 Trailer Light Converter
24 V. In, 12 V. Out
Output: 2 x 42W + 4 x 60W. Level B. To be
used when Cargo 160899 and 160900
are not suited.



160960 Power Converter
Servicing: Used for mounting computers in
trolleys.
10 - 32 V. In, 12 V. Out,
6 Amp.-Cont, 72 Watt - Out,
Dimension 167 x 87 x 50,
Protection degree IP533
Modified to stabilize the output voltage.

Relay Boxes



160167 Relay Box
Servicing: For 12V. trailer pulled by a 24V.
vehicle.
12 / 24 V., 10 Amp., 250 Watt,
No. of poles 7
Switches the voltage from 24V to 12V by 5
relays. Run at 24V and leading 12V from
one of the batteries or converter to the lamps
of the trailer. For continuous use it has to
be connected via a converter. For internal
mounting.



160797 Relay Box
12 - 12 V., 5 x 8 Amp., 5 x 250 Watt
To reduce voltage drop, if you use vehicles
w/ trailer. Fitted w/ 5 x 12V relays the 12V
function will not be affected.

Voltage Inverters

Pure Sine Wave



160494 Voltage Inverter
12 V. In, 230 V. Out,
250 Watt continuous, Type Pure sine,
Dimension 190 x 110 x 75, Weight 2.5

Modified Sine Wave



160541 Voltage Inverter
12 V. In, 230 V. Out, <20 Amp.-Max/Cont.,
<0.3 Amp.-standby,
150 Watt continuous, 450 Watt - Max,
Type Modified sine, Dimension 165 x 91 x 58,
Weight 0,850, Over heating Yes,
Overloading Yes, Short circuit Yes



160542 Voltage Inverter
24 V. In, 230 V. Out, <10 Amp.-Max/Cont.,
<0.3 Amp.-standby,
150 Watt continuous, 450 Watt - Max,
Type Modified sine, Dimension 165 x 91 x 58,
Weight 0,85, Over heating Yes,
Overloading Yes, Short circuit Yes



160543 Voltage Inverter
10 - 15 V. In, 230 V. Out,
<20 Amp.-Max/Cont.,
<0.3 Amp.-standby, 300 Watt continuous,
1000 Watt - Max, Type Modified sine,
Dimension 190 x 91 x 58, Weight 1.1,
Over heating Yes, Overloading Yes,
Short circuit Yes



160544 Voltage Inverter
24 V. In, 230 V. Out, <35 Amp.-Max/Cont.,
<0.3 Amp.-standby, 300 Watt continuous,
1000 Watt - Max, Type Modified sine,
Dimension 190 x 91 x 58, Weight 1.1,
Over heating Yes, Overloading Yes,
Short circuit Yes



160545 Voltage Inverter
10 - 15 V. In, 230 V. Out, <0.3 Amp.-standby,
600 Watt continuous, 1500 Watt - Max,
Type Modified sine,
Dimension 242 x 91 x 58, Weight 1.7,
Over heating Yes, Overloading Yes,
Short circuit Yes



160546 Voltage Inverter
24 V. In, 230 V. Out, <0.3 Amp.-standby,
600 Watt continuous, 1500 Watt - Max,
Type Modified sine, Dimension 242 x 91 x 58,
Weight 1.7, Over heating Yes,
Overloading Yes, Short circuit Yes



160569 Voltage Inverter
12 V. In, 230 V. Out, <2 Amp.-standby,
1500 Watt continuous, 3500 Watt - Max,
Type Modified sine,
Dimension 395 x 240 x 90, Weight 3.80,
Over heating Yes, Overloading Yes,
Short circuit Yes



160581 Voltage Inverter
24 V. In, 230 V. Out, <1 Amp.-standby,
1500 Watt continuous, 3500 Watt - Max,
Type Modified sine,
Dimension 395 x 240 x 90, Weight 5.5,
Over heating Yes, Overloading Yes,
Short circuit Yes



160660 Voltage Inverter
10 - 15 V. In, 230 V. Out,
<0.8 Amp.-standby, 1000 Watt continuous,
2500 Watt - Max, Type Modified sine,
Dimension 310 x 205 x 75, Weight 5.0,
Over heating Yes, Overloading Yes,
Short circuit Yes



160676 Voltage Inverter
24 V. In, 230 V. Out, <0.8 Amp.-standby,
1000 Watt continuous, 2500 Watt - Max,
Type Modified sine,
Dimension 310 x 205 x 75, Weight 5.0,
Over heating Yes, Overloading Yes,
Short circuit Yes

Voltage Reducer



160627 Voltage Reducer
Set w/ 2 resistors. Reduces the voltage with
0.75 V. Secures the lifetime of the headlight
bulbs in cars w/ high voltage. 12/24V.

Chargers

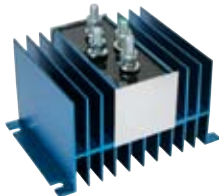


160874 Charger 300W
230 / 24 V., 12 Amp.,
Dimension 235 x 87 x 58, Weight 1.660,
Drifts temperature -30° - + 55°,
Autostop Yes, w/Approval IP67
230VAC - 24VDC 12A.

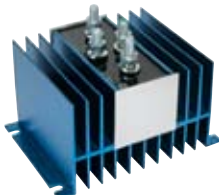


160875 Charger
230 / 12 V., 17 Amp.,
Dimension 235 x 87 x 58, Weight 1.660,
Drifts temperature -30° - + 55°,
Autostop Yes, w/Approval IP67
230VAC - 12VDC 12A.

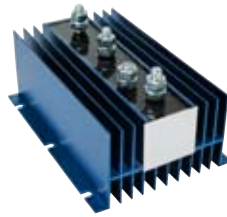
Battery Isolators



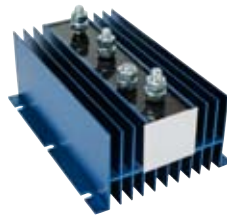
160342 Battery Isolator
Servicing: Boats, autocampers, industrial vehicles.
6 - 36 V., 70 Amp. max current,
Dimension 85 x 115 x 95,
No. of batteries 2, Compensate diode No
Eliminates multi-battery drain when 2 or more batteries are in a charging system.



160343 Battery Isolator
Servicing: Boats, campers, industrial vehicles
6 - 36 V., 70 Amp. max current,
Dimension 85 x 115 x 95,
No. of batteries 2, Compensate diode Yes
Eliminates the multi battery drain when 2 or more batteries are in a charging system. With compensationsdiode which allows a higher charging current.



160398 Battery Isolator
Servicing: Boats, autocampers, industrial vehicles.
6 - 36 V., 120 Amp. max current,
Dimension 170 x 115 x 95,
No. of batteries 2, Compensate diode No
Eliminates multi-battery drain when 2 or more batteries are in a charging system.



160399 Battery Isolator
Servicing: Boats, campers, industrial vehicles
6 - 36 V., 120 Amp. max current,
Dimension 170 x 115 x 95,
No. of batteries 2, Compensate diode Yes
Eliminates the multi battery drain when 2 or more batteries are in a charging system. With compensationsdiode which allows a higher charging current.



160735 Battery Isolator
12 / 24 V., 150 Amp. max current,
No. of batteries 2
This cutoff relays, differs from others because is especially can be used on models which need power at B +. to start up the generator load. When connecting additional contact may also be used to boost the starting battery. 0-volt drop. E-Market. Waterproof.



160740 Split Charge Relay
Servicing: Boats, autocampers, industrial vehicles.
12 V., 180 Amp. max current,
Dimension 120 x 80 x 70,
No. of batteries 2, Compensate diode No
Microprocessor controlled relay. Allows charging on the auxiliary battery at 13.4 volt charging voltage.



160742 Split Charge Relay
Servicing: Boats, autocampers, industrial vehicles.
24 V., 80 Amp. max current,
Dimension 120 x 80 x 70,
No. of batteries 2, Compensate diode No
Microprocessor controlled relay. Allows charging on the auxiliary battery at 27 volt charging voltage.



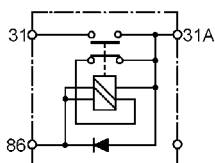
160876 Split Charge Relay
12 V., 70 Amp. max current,
Dimension 60 x 34 x 70,
No. of batteries 2



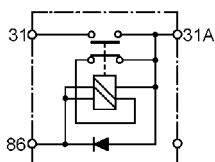
160877 Split Charge Relay
24 V., 50 Amp. max current,
Dimension 60 x 34 x 70,
No. of batteries 2

Battery Switches

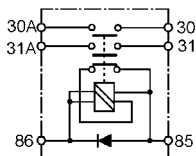
Electromagnetic



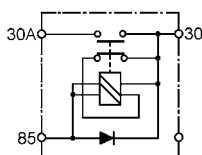
180232 Battery Switch
Servicing: Industrial vehicles, buses, tractors, lift trucks and boats.
 12 V., 2500 Amp. (5 min), 250 Amp.-Cont.
Type Electromagnetic, **Switch** Negative



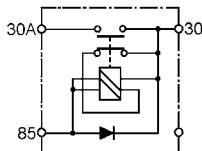
180233 Battery Switch
 24 V., 2500 Amp. (5 min), 250 Amp.-Cont.
Type Electromagnetic, **Switch** Negative



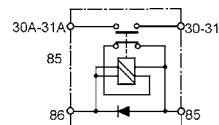
180556 Battery Switch
 24 V., 2500 Amp. (5 min), 250 Amp.-Cont.
Type Electromagnetic, **Switch** Positive/ Negative



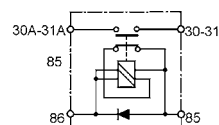
180602 Battery Switch
 12 V., 2500 Amp. (5 min), 250 Amp.-Cont.
Type Electromagnetic, **Switch** Positive



180603 Battery Switch
 24 V., 2500 Amp. (5 min), 200 Amp.-Cont.
Type Electromagnetic, **Switch** Positive



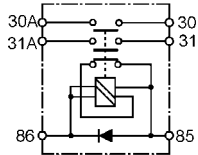
180604 Battery Switch
 12 V., 2500 Amp. (5 min), 250 Amp.-Cont.
Type Electromagnetic, **Switch** Positive/ Negative
 w/ seperate power supply.



180605 Battery Switch
 24 V., 2500 Amp. (5 min), 200 Amp.-Cont.
Type Electromagnetic, **Switch** Positive/ Negative
 w/ seperate power supply.



181476 Battery Switch
 24 V., 2500 Amp. (5 min), 250 Amp.-Cont.
Type Electromagnetic,
No. of mounting holes 4, **Poles** 4,
Switch Positive/ Negative,
Explosionproof Yes, **Approval** Ex
Plug: Cargo 181545.



181562 Battery Switch
12 V., 2500 Amp. (5 min), 250 Amp.-Cont, Switch Positive/ Negative

Change Over



180290 Battery Switch Relay
For serial and parallel connection of two 12V. batteries in 12V. systems w/ 24V. starter.

Battery Main Switches



180028 Battery Main Switch
24 V., 500 Amp. (5 min), 100 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 38 mm, Material Plastic, Key Yes
Spare key: Cargo 180029 or 180143. Pole: Ø 10 mm.



180087 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 100 mm, Material Metal, Key Yes
Spare key: Cargo 180202.



180203 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 100 mm, Material Plastic, Key Yes, Protection degree IP 66
Spare key: Cargo 180029.



180211 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 100 mm, Material Metal, Key Yes, Protection degree IP 65
Spare key: Cargo 180288 or 180333. Rubber boot: Cargo 180375.



180216 Battery Main Switch
24 V., 500 Amp. (5 min), 100 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 45 mm, Material Plastic, Key Yes, Protection degree IP 4x
Spare key: Cargo 180029 or 180143. Rubber protection cap: Cargo 180374.



180229 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 100 mm, Material Plastic, Key Yes, Protection degree IP 66
Spare key: Cargo 180029.



180271 Battery Main Switch
12/24 V., 1000 Amp. (5 min), 300 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 45 mm, Material Plastic, Poles 10, Key Yes, Waterproof Yes, Protection degree IP 65
Rubber boot: Cargo 180375. Working temp. -30C°/+65C°.



180276 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 110 mm, Material Plastic, Poles 2, Key Yes, Waterproof Yes, Explosionproof Yes, Protection degree IP 667
Rubber boot: Cargo 180375. For alternator w/ integral regulator. W/D+ contact.



180279 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont, Type Battery, No. of mounting holes 2, Mounting holes distance 110 mm, Material Plastic, Poles 1, Key Yes, Explosionproof Yes, Pneumatic Yes, Protection degree IP 65
Rubber boot: Cargo 180375. Spare key: Cargo 180292.



180289 Battery Main Switch
24 V., 2500 Amp. (5 min),
250 Amp.-Cont, Type Battery,
No. of mounting holes 2,
Mounting holes distance 38 mm,
Material Metal, Key Yes,
Protection degree IP 65
Rubber boot: Cargo 180375.



180291 Battery Main Switch
24 V., 2500 Amp. (5 min),
250 Amp.-Cont, Type Battery,
No. of mounting holes 2,
Mounting holes distance 110 mm,
Material Plastic, Poles 2, Key Yes,
Explosionproof Yes, Pneumatic Yes,
Protection degree IP 65



180313 Battery Main Switch
24 V., 500 Amp. (5 min), 100 Amp.-Cont,
Type Battery, No. of mounting holes 2,
Mounting holes distance 45 mm,
Key No, Protection degree IP 4x
Spare key: Cargo 180029 or 180143. Rubber
protection cap: Cargo 180374.



180326 Battery Main Switch
24 V., 2500 Amp. (5 min),
250 Amp.-Cont, Type Battery,
No. of mounting holes 2,
Mounting holes distance 100 mm,
Protection degree IP 65
Rubber boot: Cargo 180375.



180596 Battery Main Switch
12 V., 500 Amp. (5 min), 100 Amp.-Cont,
Type Battery, No. of mounting holes 2,
Mounting holes distance 38 mm,
Material Plastic, Secondary circuit Yes,
Key Yes
Spare key: Cargo 180029.



180614 Battery Main Switch
24 V., 1000 Amp. (5 min), 75 Amp.-Cont,
Type Battery, No. of mounting holes 2,
Mounting holes distance 38 mm,
Material Metal, Key Yes



181238 Battery Main Switch
24 V., 2500 Amp. (5 min),
250 Amp.-Cont, Type Battery,
No. of mounting holes 2,
Mounting holes distance 38 mm,
Material Metal, Key Yes
Rubber boot for terminals: Cargo 180375.



181475 Battery Main Switch
24 V., 2500 Amp. (5 min), 250 Amp.-Cont,
No. of mounting holes 2,
Mounting holes distance 100 mm,
Protection degree IP 65
Spare key: Cargo 180288, w/o chain and
rubber cap.
Rubber boot: Cargo 180375

Remote Control



180280 Pneumatic Remote Control
Servicing: Cargo 180279, 180291

Rubber Boots



180375 Terminal Boot
Servicing: Cargo 180211, 180271, 180272,
180274, 180275, 180276, 180277, 180278,
180279, 180289, 180291, 180326, 180338.

Material Rubber
Supplied in kit of 2 pcs.

Rubber Protection Caps

Pkg 10



180374 Terminal Boot
Servicing: Cargo 180216, 180313.
Material Rubber

Waterproof



180272 Battery Main Switch
Servicing: Marine.
 24 V., 1000 Amp. (5 min),
 150 Amp.-Cont, Type Battery,
 No. of mounting holes 2,
 Mounting holes distance 45 mm,
 Material Metal, Key Yes, Waterproof Yes,
 Protection degree IP 67
Spare key: Cargo 180273. Rubber boot: Cargo 180375.



180274 Battery Main Switch
 24 V., 2500 Amp. (5 min),
 250 Amp.-Cont, Type Battery,
 No. of mounting holes 2,
 Mounting holes distance 65 mm,
 Material Plastic, Key Yes,
 Protection degree IP 67
Rubber boot: Cargo 180375 . For alternator w/ separate regulator.



180275 Battery Main Switch
 24 V., 2500 Amp. (5 min),
 250 Amp.-Cont, Type Battery,
 No. of mounting holes 2,
 Mounting holes distance 65 mm,
 Material Plastic, Key Yes,
 Waterproof Yes, Protection degree IP 67
Rubber boot: Cargo 180375. For alternator w/ intergral regulator. W/D+ contact.



180277 Battery Main Switch
 24 V., 2500 Amp. (5 min), 250 Amp.-Cont,
 Type Battery, No. of mounting holes 2,
 Mounting holes distance 110 mm,
 Material Plastic, Poles 2, Key Yes,
 Waterproof Yes, Explosionproof Yes,
 Protection degree IP 67
Rubber Boot: Cargo 180375. For alternator w/ separate regulator.



180278 Battery Main Switch
 24 V., 3000 Amp. (5 min), 300 Amp.-Cont,
 Type Battery, No. of mounting holes 2,
 Mounting holes distance 100 mm,
 Material Metal, Key Yes, Waterproof Yes,
 Protection degree IP 67
Rubber boot: Cargo 180375.



180338 Battery Main Switch
 24 V., 2500 Amp. (5 min), 20 Amp.-Cont,
 Type Battery, No. of mounting holes 2,
 Mounting holes distance 65 mm,
 Material Plastic, Secondary circuit Yes,
 Key Yes, Waterproof Yes,
 Protection degree IP 67
Rubber boot: Cargo 180375 . For alternator w/ separate regulator.

Spare Keys

Pkg 10



180029 Key
Servicing: Cargo 180028, 180203, 180216,
 180229 , 180313.
 Shaft length 11 mm, Pin 2

Pkg 10



180143 Key
Servicing: Cargo 180028, 180216, 180313.
 Shaft length 9 mm

Pkg 5



180202 Key
Servicing: Cargo 180087.



180273 Key
Servicing: Cargo 180272.

Pkg 5



180288 Key
Servicing: Cargo 180211.
Pin 2



180292 Key
Servicing: Cargo 180279.
Material Plastic

Pkg 5



180333 Key
Servicing: Cargo 180211.
Pin 1

Pkg 10



180619 Key
Shaft length 11 mm, **Pin** 1

Pkg 10



181270 Key
Shaft length 11 mm, **Pin** 1
w/o dust cover.



181477 Key
Servicing: Cargo 180278.



181578 Key
Servicing: Cargo 180614.
For battery main switch.

Emergency Stop Switches



181247 Emergency Stop Button
Protection degree IP65
Emergency stop button operable w/ push button, turn for reset.



181271 Emergency Stop Button
Protection degree IP66
Emergency stop button operable w/ push button, turn for reset.

Switches

Control Boxes

Voltage and amperage specifications for the control boxes

		AC	
Voltage (V.)	220	380	500
Current max. (A.)	10	4.5	4

		DC	
Voltage (V.)	24	48	100
Current max. (A.)	5	3	2



181244 Control Box
 220 V. - AC, 24 V. - DC, 5 Amp.-Max,
Buttons 2, **Protection degree** IP 65
Lift and lower operated by spring return push button.



181245 Control Box
 220 V. - AC, 24 V. - DC, 5 Amp.-Max,
Buttons 3, **Protection degree** IP 65
Lift-stop-lower operated by spring return push button.



181246 Control Box
 220 V. - AC, 24 V. - DC, 5 Amp.-Max, -
Buttons 2, **Protection degree** IP 65
Lift and lower operated by spring return push button.



181540 Remote Lift Control Set
Servicing: Lift, doors, ports, winches, hoists etc.
 12 V. - AC, 12 V. - DC, **Buttons** 3,
Protection degree IP 65
 Set of hand transmitter, receiver and antenna. Individual coding. Coverage 50 - 125m. w/o emergency stop



181577 Control Box For Tail Lift
 12 - 24 V. - DC, **Buttons** 3,
Protection degree IP 65

Spare Parts



181541 Remote Control
Servicing: Cargo 181540.
Buttons 3, **Protection degree** IP 65
 3 x 1.5V AAA battery.



181542 Receiver For Lift Control
Height 45 mm, **Length** 120 mm,
Width 133 mm, **Inlet** 2,
Lid mounting Screws, **Connector** Screw,
Protection degree IP65
 For Cargo 181540.



181543 Antenna
Colour Black, **Length** 350 mm,
Material Rubber, **Amplifier built in** No
 For Cargo 181542.

Switches

Ignition / Light



180045 Ignition/Light Switch
Mounting hole 26.5 mm, **Terminals** 6,
 Switch **combination** Parkinglight-off-
 ignition-sidelight-driving light
 Spare key: Cargo 180341.



180324 Ignition/Light Switch
Mounting hole 26.5 mm, **Terminals** 7,
 Spare Key: Cargo 180341.

Diesel Starter



180044 Ignition Switch
Servicing: Deutz, IH.
Mounting hole 26.5 mm, **Terminals** 10,
 Switch **combination** Parking light-off-
 ignition-glow-start, **Protection degree** IP 63
 Supplied w/ 2 keys. Spare key: Cargo
 180340. Multiplug: Cargo 181595 + 181596.



181235 Ignition Switch
Servicing: Massey Ferguson.
Mounting hole 16 mm, **Terminals** 6,
 Switch **combination** Off-ignition-glow-start



181236 Ignition Switch
Mounting hole 16 mm, **Terminals** 4,
 Switch **combination** Off-ignition-glow-start



181237 Ignition Switch
Servicing: Massey Ferguson.
Mounting hole 16 mm, **Terminals** 7,
 Switch **combination** Off-aux-ignition-glow-
 start

Ignition Lock



180025 Ignition Starter Switch
Mounting hole 18.5 mm, **Terminals** 3,
 Switch **combination** Off-start
 Spare key: Cargo 180339.

Ignition Starter



180027 Ignition Starter Switch
Mounting hole 18.5 mm, **Terminals** 5,
Switch combination Off-start
Spare key: Cargo 180339. Multiplug: Cargo 181597.



180041 Ignition Starter Switch
Mounting hole 26.5 mm, **Terminals** 7,
Switch combination Parking light-off-start, -
Protection degree IP 63
Spare key: Cargo 180340.



180043 Ignition Starter Switch
Mounting hole 18.5 mm, **Terminals** 4
Spare key: Cargo 180339.



181518 Ignition Starter Switch
Mounting hole 22.5 mm, **Terminals** 5
Spare key: Cargo 180339.

Spare Parts

Pkg 10



180339 Spare Key
Servicing: Cargo 180025, 180027, 180043.

Pkg 10



180340 Spare Key
Servicing: Cargo 180041, 180044.

Pkg 10



180341 Spare Key
Servicing: Cargo 180045, 180324.

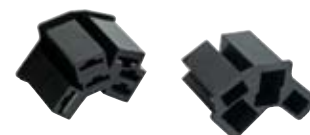
Pkg 10



181465 Spare Key
Servicing: Cargo 181235, 181236, 181237
Material Metal



181595 Central Plug Connector
Servicing: Cargo 180044.
Plug female, **No. of poles** 4
DIN 46340. Use together with Cargo 181596



181596 Central Plug Connector
Servicing: Cargo 180044
Plug multiplug, **No. of poles** 6
DIN 46340, Use together with Cargo 181595



181597 Central plug connector
Servicing: For Cargo: 180027.
Colour Black, **Plug** female,
No. of poles 6

Solenoid Shutdown - Kits

Externally Switched



090095 Solenoid Shutdown Kit
1.1 Amp., **Pull rating** 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090096 Solenoid Shutdown Kit
1.1 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090099 Solenoid Shutdown Kit
0.5 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090100 Solenoid Shutdown Kit
0.5 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090103 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel.
1.1 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090104 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel.
1.1 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090105 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel.
0.63 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090106 Solenoid Shutdown Kit
Servicing: Nippodenso, Zexel.
0.63 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090107 Solenoid Shutdown Kit
1.1 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.



090108 Solenoid Shutdown Kit
0.63 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. External.

Internally Switched



090097 Solenoid Shutdown Kit
1.1 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. Internal.



090098 Solenoid Shutdown Kit
1.1 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. Internal.



090101 Solenoid Shutdown Kit
0.5 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. Internal.



090102 Solenoid Shutdown Kit
0.5 Amp., Pull rating 89N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward. Internal.

Solenoid Shutdown

Externally Switched



090109 Shutdown Solenoid
Servicing: Universal.
12 V., 30 Amp. pull, 0.7 Amp. hold,
Thread 6, Return spring 9N,
Pull rating 40N at 25.4 mm,
Hold rating 89N
Syncro start / Woodward.



090110 Shutdown Solenoid
24 V., 17 Amp. pull, 0.25 Amp. hold,
Thread 6, Return spring 9N,
Pull rating 40N at 25.4 mm,
Hold rating 89N
Syncro start / Woodward.



090111 Shutdown Solenoid
12 V., 44 Amp. pull, 0.6 Amp. hold,
Thread 1/4", Return spring 35N,
Pull rating 75N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward.



090113 Shutdown Solenoid
24 V., 23 Amp. pull, 0.3 Amp. hold,
Thread 6, Return spring 35N,
Pull rating 75N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward.



090199 Shutdown Solenoid
12 V., 46 Amp. pull, 1.1 Amp. hold,
Thread 6, Return spring 17N,
Pull rating 89N ved 25.4 mm,
Hold rating 178N
*Syncro start / Woodward. Red=Hold,
White=Pull, Black=Ground.*

090200 Shutdown Solenoid
24 V., 18 Amp. pull, 4 Amp. hold,
Thread 6, Return spring 17N,
Pull rating 67N at 25.4 mm,
Hold rating 178N
*Syncro start / Woodward. Red=Hold,
White=Pull, Black=Ground.*



090216 Shutdown Solenoid
Servicing: Kubota.
12 V., 30 Amp. pull, 0.7 Amp. hold,
Type Stop solenoid, Return spring 17N,
Pull rating 44 N at 25.4 mm,
Hold rating 85N



090226 Shutdown Solenoid
24 V., 24 Timermodul V., 25 Amp. pull,
0.5 Amp. hold, Thread 6,
Return spring 7N,
Pull rating 111N at 25.4 mm,
Hold rating 182N
*Syncro start / Woodward. Red=Common.
White=Pull. Yellow=Hold.*



090267 Shutdown Solenoid
Servicing: Volvo Wheel loader.
24 V., 39 Amp. pull, 0.86 Amp. hold,
Pull rating 129N at 25.4 mm,
Hold rating 182N
Syncro start / Woodward.



090281 Shutdown Solenoid
Servicing: Volvo.
24 V., 25 Amp. pull, 0.5 Amp. hold,
Thread 6,
Pull rating 89N at 25.4 mm,
Hold rating 236N
Syncro start / Woodward.



090348 Shutdown Solenoid
12 V., 46 Amp. pull, 1.1 Amp. hold,
Thread 6, Return spring 4-8N,
Pull rating 111N at 25.4 mm,
Hold rating 182N
Syncro start / Woodward.



090368 Shutdown Solenoid
12 V., 12 **Timermodul V.**, 61 **Amp. pull**,
0.86 **Amp. hold**, **Pull rating** 129N at 25.4 mm,
Hold rating 182N
Syncro start / Woodward.



090370 Shutdown Solenoid
Servicing: Kubota D722, Z482.
12 V., 46 **Amp. pull**, 1.1 **Amp. hold**



090371 Shutdown Solenoid
Servicing: Kubota D722, Z482.
24 V., 25 **Amp. pull**, 0.5 **Amp. hold**



090373 Shutdown Solenoid
12 V.



090431 Shutdown Solenoid
Servicing: Universal.
24 V., 24 **Timermodul V.**, 30 **Amp. pull**,
0.57 **Amp. hold**, **Thread** 5/16 - 24,
Return spring 17.6 - 26 lbs,
Pull rating 165N, **Hold rating** 391N
Syncro start / Woodward.

Internally Switched



090160 Shutdown Solenoid
Servicing: Universal.
12 V., 30 **Amp. pull**, 0.7 **Amp. hold**,
Thread 6, **Return spring** 17N,
Pull rating 40N at 25.4 mm,
Hold rating 89N
Syncro start / Woodward.



090161 Shutdown Solenoid
Servicing: Universal.
24 V., 17 **Amp. pull**, 0.25 **Amp. hold**,
Thread 6, **Return spring** 17N,
Pull rating 40N at 25.4 mm,
Hold rating 89N
Syncro start / Woodward.



090168 Shutdown Solenoid
Servicing: Universal.
12 V., 44 **Amp. pull**, 0.6 **Amp. hold**,
Thread 6, **Return spring** 35N,
Pull rating 75N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward.



090169 Shutdown Solenoid
Servicing: Universal.
24 V., 23 **Amp. pull**, 0.3 **Amp. hold**,
Thread 6, **Return spring** 35N,
Pull rating 75N at 25.4 mm,
Hold rating 178N
Syncro start / Woodward.



090206 Shutdown Solenoid
Servicing: Yanmar Diesel.
12 V.



090210 Shutdown Solenoid
12 V., 46 **Amp. pull**, 1.1 **Amp. hold**,
Thread 1/4 - 28, **Return spring** 9N,
Pull rating 89N at 25.4 mm,
Hold rating 178N



090224 Shutdown Solenoid
12 V., 17 **Amp. pull**, 0.25 **Amp. hold**,
Thread 6, **Return spring** 17N,
Pull rating 40N at 25.4 mm,
Hold rating 89N



090225 Shutdown Solenoid
Servicing: Perkins.
12 V.



090228 Shutdown Solenoid
Servicing: Yanmar Motors.
12 V.



090268 Shutdown Solenoid
Servicing: Kubota 5 Series.
 12 V.
 w/ coil commander.



090297 Shutdown Solenoid
 24 V., 46 Amp. pull, 1.1 Amp. hold,
 Thread 6, Return spring 7-11N,
 Pull rating 107N at 25.4 mm,
 Hold rating 169N



090334 Shutdown Solenoid
Servicing: Sisu Diesel 8366 40253.
 12 V.



090402 Shutdown Solenoid
Servicing: Kubota super 5 series.
 24 V.



090406 Shutdown Solenoid
 12 V.



090430 Shutdown Solenoid
Servicing: Kubota.
 12 V.

Shut Off Solenoid



081046 Electro Valve
 12 V., 12 Timermodul V., Thread M14 - 1.5
 Can be used as emergency stop. 3-way.
 Electro valve.



081047 Electro Valve
 24 V., 24 Timermodul V., Thread M14 - 1.5
 Can be used as emergency stop. 3-way.
 Electro valve.

Pull Coil Timer Modules



090115 Pull Coil Timer
 12 V.



090116 Pull Coil Timer
 24 V.

Electro Valve

Pkg 5



080787 Electro Valve
 12 V., Thread M12 - 1.5



080789 Electro Valve
 12 V., Thread 1/2" - 20 UNF



080791 Electro Valve
 12 V., Thread M14 - 1.5



080792 Electro Valve
 24 V., Thread M14 - 1.5

Advance Solenoids

Pkg 5



080940 Actuator
Servicing: Fiat, Renault.
12 V.

Pkg 5



080941 Actuator
Servicing: Ford.
12 V.

Pkg 5



080942 Actuator
Servicing: Renault.
12 V.

Pkg 5



081117 Actuator
12 V.



081118 Actuator
12 V.



081119 Actuator
12 V.



081120 Actuator
12 V.



081121 Actuator
12 V.

Solenoid Stop



080177 Solenoid Stop
12 V.



080178 Solenoid Stop
24 V.



080207 Solenoid Stop
12 V.

Pkg 10



080208 Solenoid Stop
24 V.



080209 Solenoid Stop
12 V.



080210 Solenoid Stop
24 V.



080211 Solenoid Stop
24 V.



080212 Solenoid Stop
12 V.



080595 Solenoid Stop
12 V.



080680 Solenoid Stop
12 V.



080681 Solenoid Stop
24 V.



080873 Solenoid Stop
12 V.



080926 Solenoid Stop
24 V.



080929 Solenoid Stop
12 V.



080994 Solenoid Stop
12 V.
w/o thread on the electrical connection.



080995 Solenoid Stop
12 V.



080996 Solenoid Stop
24 V.



080998 Solenoid Stop
12 V.



081000 Solenoid Stop
12 V., Type Coil



081001 Solenoid Stop
24 V.
Insulated.



081002 Solenoid Stop
24 V.

Pkg 10

Pkg 10

Pkg 10

Pkg 10

Pkg 10



081166 Solenoid Stop
12 V.

Electrical Bilge Pumps



070154 Bilge Pump
12 V., **Capacity** 32 L/min, **Type** Bilge,
Lift height 4 m, **Dimension** 94.5 x 59,
Hose connection 19 mm
Model UP500.



070155 Bilge Pump
12 V., **Capacity** 63 L/min, **Type** Bilge,
Lift height 4 m, **Dimension** 124.7 x 78,
Hose connection 28.6 mm
Model UP1000.



070156 Bilge Pump
12 V., **Capacity** 95 L/min, **Type** Bilge,
Lift height 4 m, **Dimension** 160 x 96,
Hose connection 26.5 mm
Model UP1500.



070157 Bilge Pump
12 V., **Capacity** 126 L/min, **Type** Bilge,
Lift height 4 m, **Dimension** 200 x 96,
Hose connection 31.8 mm
Model UP2000.



070185 Bilge Pump
24 V., **Capacity** 95 L/min, **Type** Bilge,
Lift height 4 m, **Dimension** 160 x 96,
Hose connection 26.5 mm
Model UP1500.



070186 Bilge Pump
24 V., **Capacity** 126 L/min,
Lift height 4 m, **Dimension** 200 x 96,
Hose connection 31.8 mm
Model UP2000.

Accessories



070160 Automatic Float Switch
12 / 24 V.

Electrical Water Pumps



070144 Water Pump
12 V., **Capacity** 35 L/min,
Dimension 176 x 120 x 94,
Hose connection 25 mm,
Pressure (Psi) 11.6, **Pressure (bar)** 0.8
Model UP1-N. Self priming 1.5 m.



070145 Water Pump
24 V., **Capacity** 35 L/min,
Dimension 176 x 120 x 94,
Hose connection 25 mm,
Pressure (Psi) 11.6, **Pressure (bar)** 0.8
Model UP1-N. Self priming 1.5 m.



070153 Water Pump
12 V., **Capacity** 14 L/min,
Dimension 163 x 249 x 118,
Hose connection 14 mm,
Pressure (Psi) 29, **Pressure (bar)** 2
Model UP3A. Self priming 1.5 m.



070172 Water Pump
24 V., **Capacity** 14 L/min,
Type Water, **Dimension** 163 x 249 x 118,
Hose connection 14 mm,
Pressure (Psi) 29, **Pressure (bar)** 2
Model UP4A. Self priming 1.5 m.

Circulation Type



070192 Circulation Pump
Servicing: Ford, Seat, VW
 12 V., **Capacity** 850 L/h,
Type Water, **Hose connection** 20 mm,



070203 Circulation Pump
Servicing: Saab, Scania, Ferrari, Maserati.,
 Opel, Vauxhall
 12 V., **Type** Water,
Hose connection 19 mm,



070206 Circulation Pump
Servicing: Mercedes-Benz
 12 V., **Type** Water,
Hose connection 19 mm,

Spare Parts



070146 Impeller
Servicing: Cargo 070144, 070145.

Accessories



070207 In line Filter
Servicing: Cargo 070153.
 Ø: 14 mm.

Electrical Fluid Pumps



070147 Fluid Pump
 12 V., **Capacity** 14 L/min,
Dimension 163 x 166 x 95,
Hose connection 14 mm,
Pressure (Psi) 29, **Pressure (bar)** 2
 Model UP3. Self priming 1.5 m.



070148 Fluid Pump
 24 V., **Capacity** 14 L/min,
Dimension 163 x 166 x 95,
Hose connection 14 mm,
Pressure (Psi) 29, **Pressure (bar)** 2
 Model UP4. Self priming 1.5 m.



070149 Fluid Pump
 12 V., **Capacity** 26 L/min,
Dimension 199 x 174 x 108,
Hose connection 16 mm,
Pressure (Psi) 29, **Pressure (bar)** 2
 Model UP6. Self priming 1.5 m.



070150 Fluid Pump
 24 V., **Capacity** 26 L/min,
Dimension 199 x 174 x 108,
Hose connection 16 mm,
Pressure (Psi) 29, **Pressure (bar)** 2
 Model UP6. Self priming 1.5 m.



070151 Fluid Pump
 12 V., **Capacity** 330 L/min,
Dimension 139 x 108 x 86,
Hose connection 14 mm,
 Model UP3/oil. Self priming 1 m.



070152 Fluid Pump
 12 V., **Capacity** 480 L/min,
Dimension 166 x 117 x 94,
Hose connection 14 mm,
 Model UP6/oil. Self priming 1.5 m.



070173 Fluid Pump
 24 V., **Capacity** 480 L/min,
Dimension 166 x 117 x 94,
Hose connection 14 mm,
 Model UP6/oil. Self priming 1.5 m.



070208 Electrical Fluid Pump HD
12 V., **Capacity** 40 L/min,
Hose connection 16 mm,
Pressure (Psi) 36, **Pressure (bar)** 2.5
Model UP12. Self priming 4 m.



070209 Electrical Fluid Pump HD
24 V., **Capacity** 40 L/min,
Dimension 212 x 174 x 109,
Hose connection 16 mm,
Pressure (Psi) 36, **Pressure (bar)** 2.5
Model UP12. Self priming 4 m.

Spare Parts



070182 Brush Set
Servicing: Cargo 070144, -145, -149, -150, -152.
Height 8.6 mm, **Length** 18.1 mm,
Thickness 5.6 mm

Electrical Fuel Pumps

Interrupter Pumps



070003 Fuel Pump
12 V., **Capacity** 113.5 L/h,
Pressure (Psi) 4 - 5
Incl. 2 pcs 6 mm hose nipples. 8 mm = Cargo 080955. 8 mm angle = Cargo 070181. 10 mm = Cargo 081154.



070004 Fuel Pump
24 V., **Capacity** 113.5 L/h,
Pressure (Psi) 4 - 5
Incl. 2 pcs 6 mm hose nipples. 8 mm = Cargo 080955. 8 mm angle = Cargo 070181. 10 mm = Cargo 081154.



070058 Fuel Pump
Servicing: Thermo king, Carrier.
12 V., **Capacity** 113.5 L/h,
Pressure (Psi) 7 - 9.5
Incl. 2 pcs 6 mm hose nipples. 8 mm = Cargo 080955. 8 mm angle = Cargo 070181. 10 mm = Cargo 081154.



070076 Fuel Pump
12 V., **Capacity** 113 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (Psi) 9- 11.5
w/ integral filter.



070134 Fuel Pump
Servicing: New-Holland, Same.
12 V., **Capacity** 136 L/h,
Pressure (Psi) 4 - 5



070169 Fuel Pump
12 V., **Capacity** 113.5 L/h,
Pressure (Psi) 7.5
Incl. 2 pcs 6 mm hose nipples. 8 mm = Cargo 080955. 8 mm angle = Cargo 070181. 10 mm = Cargo 081154.



070176 Fuel Pump
Servicing: Race and rallycars, red dot marked.
12 V., **Capacity** 170 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (Psi) 7.5

Accessories



070177 Filter

Servicing: Cargo 070003, 070004, 070058, 070134, 070169, 070176.



070199 Glass Bowl

Servicing: Repl Purolator 42353N.
For Cargo 070076.



070200 Filter

Servicing: Cargo 070076.

Pressure Pumps



070032 Fuel Pump

12 V., **Capacity** 120 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (bar) 0.25
8 mm hose connection. Suction 0.1 bar = 1.3 mtr.



070078 Fuel Pump

12 V., **Capacity** 125 L/h,
Pressure (bar) 0.35
8 mm hose connection. Suction 0.1 bar = 1.3 mtr.



070107 Fuel Pump

24 V., **Pressure (bar)** 0.35 = 4.7 Mtr
8 mm hose connection. Suction 0.12 bar = 1.5 mtr.



070143 Fuel Pump

Servicing: Thermo king Carrier. Tested SAE J1537.

12 V., **Capacity** 155 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (bar) 0.7
Suction 0.12 bar = 1.5 mtr.



070161 Fuel Pump

12 V., **Capacity** 80 - 150 L/h,
Pressure (Kg) 0.1 - 0.4
Hose nipples 8 mm.



070213 Fuel Pump

Servicing: Terex., Suzuki

12 V., **Capacity** min. 60 L/h, **Fuel** Petrol

Accessories



070183 Filter Kit

Servicing: Thermo King / CarrierPumpe 6103W.

High Performance Fuel Pumps



070187 Fuel Pump

12 V., **Capacity** 95 L/h, **Fuel** Benzin, diesel, ethanol, methanol,
Pressure (Kg) 0.1 - 0.3,
Pressure (Psi) 1.5 - 4
Supplied w/ 2 pcs. 6 mm hose connection.



070188 Fuel Pump

12 V., **Capacity** 132 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (Kg) 0.3 - 0.5, **Pressure (Psi)** 4 - 7
Supplied w/ 2 pcs. 6 mm hose connection.



070191 Fuel Pump
12 V., **Capacity** 151 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (Kg) 0.5 - 0.7, **Pressure (Psi)** 7 - 10
Standard 6 mm hose nipples.

Solid State Pumps



070056 Fuel Pump
Servicing: Caterpillar, IH/Case.
24 V., **Capacity** 113.5 L/h,
Pressure (Kg) 0.3 - 0.45,
Pressure (Psi) 4.5 - 6



070057 Fuel Pump
Servicing: Thermo King etc.
12 V., **Capacity** 110 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (Kg) 0.7, **Pressure (Psi)** 10



070201 Fuel Pump
12 V., **Capacity** 113 L/h, **Fuel** Diesel,
Pressure (Kg) 0.31 - 0.62,
Pressure (Psi) 4.5 - 9, **Pressure (bar)** 0.3 - 0.6
Suitable w/ canola oil. Hose connection 3/8-18.



070202 Fuel Pump
24 V., **Capacity** 113 L/h, **Fuel** Diesel,
Pressure (Kg) 0.31 - 0.62,
Pressure (Psi) 4.5 - 9
Suitable w/ canola oil. Hose connection 3/8-18.

Suction Pumps



070019 Fuel Pump
Servicing: Bobcat.
12 V., **Capacity** 120 L/h, **Fuel** Petrol,
Pressure (bar) 0.1
Thread R-1/4". Suction 0.2 bar = 2.7 mtr.



070021 Fuel Pump
Servicing: VW
12 V., **Capacity** 120 L/h,
Pressure (bar) 0.1
Hose nipple 8 mm. Suction 0.2 bar = 2.7 mtr. Gasoline/diesel. Connectors can be rotated.



070184 Fuel Pump
Servicing: VW marine.
12 V., **Capacity** 120 L/h,
Fuel Benzin, diesel, ethanol, methanol,
Pressure (bar) 0.1
8 mm hose connection. Waterproof. Suction 0.2 Bar = 2.7 mtr.

Universal

Hose Nipples

Pkg 25



070077 Hose Nipple
Hose I.D. 6 mm,
Screw terminal 1/8 - 27NPTF

Pkg 10



070181 Hose Nipple
Hose I.D. 8 mm, **Screw terminal** R 1/8

Pkg 10



080854 Hose Nipple
Hose I.D. 8 mm, **Screw terminal** M14 - 1.5

Pkg 10



080855 Hose Nipple
Hose I.D. 10 mm, **Screw terminal** R1/2

Pkg 10



080857 Hose Nipple
Hose I.D. 8 mm,
Screw terminal 1/2 - 20UNF

Pkg 10



080858 Hose Nipple
Hose I.D. 8 mm, Screw terminal M16 - 1.5

Pkg 10



080875 Hose Nipple
Servicing: 8941716740, 8943627440,
8943897721, 8944195191, 8944723300,
8970178491, 8970377241, 8970664080,
8970746120, 8970758822
Hose I.D. 11 mm, Screw terminal M16 - 1.5

Pkg 10



080954 Hose Nipple
Hose I.D. 6 mm, Screw terminal M14 - 1.5

Pkg 10



080955 Hose Nipple
Hose I.D. 8 mm,
Screw terminal 1/8 - 27NPTF

Pkg 10



080958 Hose Nipple
Hose I.D. 10 mm, Screw terminal M18 - 1.5

Pkg 10



080959 Hose Nipple
Hose I.D. 10 mm, Screw terminal M14 - 1.5

Pkg 10



080960 Hose Nipple
Hose I.D. 10 mm,
Screw terminal 1/2 - 20UNF

Pkg 10



081154 Hose Nipple
Hose I.D. 10 mm, Screw terminal 1/8 - 27

Diesel Pump Kits



070162 Diesel Transfer/Filter Kit
12 V., Capacity 40 L/min, Type Fluid,
Pressure (bar) 1.1
Tank kit 12V incl 2.5 m suction hose. 2.5 m
pressure hose w/ gun, wire connection w/
alligator clips. Switch on the pump. Bypass
valve on the pump make sure it is not
overloaded by closed gun. Not for gasoline!



070175 Diesel Transfer/Filter Kit
24 V., Capacity 40 L/min, Type Fluid,
Pressure (bar) 1.1
Tank kit 24V 2.5 m suction hose w/ filter.
2.5 m pressure hose w/ pistol. 2 m cord
w/ alligator clips, switch on the pump,
bypass valve on the pump ensure against
overloading. Not gasoline!

Fuel Injection Pumps

12V



070053 Fuel Injection Pump
Servicing: Alfa Romeo, BMW, Citroen, Fiat, Lancia, Opel, Peugeot, Renault, Triumph, VW, Porsche, Seat, Jaguar, Land Rover, Talbot
Pressure 2 - 3.5 bar



070054 Fuel Injection Pump
Servicing: Peugeot, Porsche, Saab, Volvo, Mercedes, Renault, Alfa Romeo, Citroen, Fiat, Jaguar, Mercedes-Benz, Peugeot, Porsche
Pressure 2 - 3.5 bar



070055 Fuel Injection Pump
Servicing: Ford, Mercedes-Benz
Pressure 2 - 3.5 bar

Feed Pumps



090015 Feed Pump
Type Plunger, **Valves** 2



090016 Feed Pump
Type Plunger, **2Valves** 2



090019 Feed Pump
Type Plunger, **Valves** 4



090020 Feed Pump
Type Plunger, **Valves** 2



090075 Feed Pump
Type Plunger, **Valves** 4



090151 Feed Pump
Type Membrane



090156 Feed Pump
Type Membrane



090187 Feed Pump
Type Membrane



090197 Feed Pump
Type Membrane



090198 Feed Pump
Type Plunger



090202 Feed Pump
Type Plunger



090227 Feed Pump
Type Plunger, **Thread inlet** M14-1.5,
Thread outlet M14-1.5



090235 Feed Pump
Type Membrane



090250 Feed Pump
Type Membrane



090251 Feed Pump
Type Plunger



090253 Feed Pump
Type Membrane



090254 Feed Pump
Type Membrane

090314 Feed Pump
Type Membrane



090315 Feed Pump
Type Plunger



090383 Feed Pump



090384 Feed Pump



090385 Feed Pump



090386 Feed Pump



090387 Feed Pump



090388 Feed Pump



090389 Feed Pump



090390 Feed Pump



090391 Feed Pump

Feed Pump Parts



080070 Hand Primer



080071 Hand Primer
Thread M14-1.5



080168 Repair Kit
Bushing length: 40.5 mm. w/ o-ring and gasket.



080170 Repair Kit
Servicing: 0460494251
Bushing length: 30.5 mm. w/ o-ring and gasket.



080292 Glass Bowl
Servicing: Bosch.
For filter glass.



080295 Hand Primer
Thread M16-1.5



080695 Hand Pump
Thread M22-1.0



080703 Hand Primer
For hose I.D. 8 mm.



080730 Repair Kit

Pkg 5



080742 Hand Pump
Thread M16-1.5



080783 Repair Kit
Servicing: CAV.



080793 Hand Pump
Thread M14-1.5



080811 Repair Kit
Servicing: Bosch.



080840 Hand Pump
Thread M16-1.5



080852 Repair Kit
Servicing: Bosch.

Pkg 10



081003 Union
Servicing: Cargo 080695.



081058 Hot Starting Device
Servicing: VE-EDC pumps Audi, BMW, Seat, Skoda, VW.



090076 Prefilter



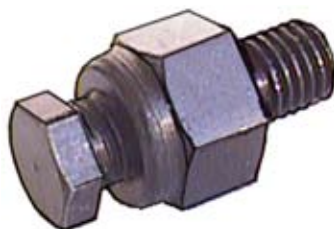
090144 Prefilter
O.D. M14 x 1.5



090159 Hand Pump
Thread 1/2"-20 UNF

Diesel Pump Parts

Pkg 10



080038 Air Screw
Servicing: DPA.

Pkg 10



080114 Hollow Screw
Hole size 0.55 cm, Thread M12 - 1.5

Pkg 50



080352 Steel Gasket
I.D. 9.7 mm, O.D. 12.7 mm,
Thickness 1.9 mm
For injection outlet.



080752 Diaphragm
Servicing: DPC.

Pkg 5



080757 Diaphragm

Pkg 10



080848 Air screw
Servicing: DPA.



080969 Diaphragm
Servicing: DPC.



090277 Start Advance
Servicing: Talbot.



090278 Start Advance
Servicing: Citroen, Peugeot.

Injectors



100597 Injector
Servicing: Yanmar air cooled single cylinder.
Engine Type: YDLL. YPFE-M. Fitted w/ nozzle DLLA150p224 opening pressure: 196 bar.



100598 Injector
Servicing: Yanmar air cooled single cylinder.
Engine Type: YDLL. YPFE-M. Fitted w/ nozzle DLLA150p224 opening pressure: 196 bar.

Filter Parts

Fuel Heaters



081176 Fuel Heater
12 V., 150 Watt, Type Electric,
Demister tube connection 8/10 mm,
Sandwich tipe No



081177 Fuel Heater
24 V., 250 Watt, Type Electric,
Demister tube connection 8/10 mm,
Sandwich tipe Yes

Water Separator



080944 Heat Exchanger
Type Water, Sandwich tipe Yes



090071 Single Cover
Thread M14 - 1.5, Hand pump No,
Universal Yes



090072 Single Cover
Thread 1/2" - 20 UNF, Hand pump No,
Universal Yes



090073 Glass Bowl
Servicing: Cargo 090193.



090145 Water Separator
Thread M14-1.5, Universal Yes,
Water separator Yes



090146 Water Separator
Thread 1/2" 20 UNF, Universal Yes,
Water separator Yes



090166 Filter Cover
Thread M14 - 1.5, Hand pump Yes
Filter thread 16 x 1.5 mm.



090167 Filter Cover
Servicing: Bosch. VW, GM.
Thread M14 - 1.5, Hand pump Yes,
Universal Yes
Filter thread 16 x 1.5 mm.



090172 Glass
For water separator.



090316 Filter Top
Thread M14 - 1.5, **Hand pump** Yes,
Universal Yes



090319 Filter Top
Thread M14 - 1.5, **Hand pump** No



090320 Filter Top
Thread 1/2" - 20 UNF, **Hand pump** No



090345 Filter Kit



090346 Filter Kit



090347 Filter Top
Servicing: Japanese appl.
Thread 20 x 1.5, **Hand pump** Yes,
Universal Yes
8 mm hose I.D.



090381 Filter Top
Thread 14 x 1.5, **Universal** Yes
Filter thread 16 x 1.5 mm.



090426 Filter Top
Hand pump No, **Universal** Yes

Bottom



090127 Filter Cup
Servicing: Cargo 090193.

Filter Houses



090193 Filter Assy
Thread M14 - 1.5, **Hand pump** No,
Water separator Yes
90 L/h.



090194 Filter Assy
Thread 1/2"-20 UNF, **Hand pump** No,
Water separator Yes
Flow 150 L/h.



090203 Filter House
Servicing: Ford Fiesta, Mondeo, Transit.
Thread M14 - 1.5, **Hand pump** Yes,
Water separator Yes
150 L/h.



090213 Filter House
Thread M14 - 1.5, **Hand pump** No,
Water separator Yes
Flow 150 L/h.



090404 Filter House
Thread 1/2 - 20, Hand pump No,
Water separator Yes



090411 Filter House
Diesel

Cabin Heaters



060210 Cabin Heater
12 V., Airflow-Speed 1 360 m³/h,
Water connection 16 mm



060211 Cabin Heater
24 V., Airflow-Speed 1 360 m³/h,
Water connection 16 mm



060216 Cabin Heater
12 V., 60 Watt - Speed 1, 77 Watt - Speed 2,
114 Watt - Speed 3, Airflow-Speed 1 264 m³/h,
Water connection 16 mm, Regulation Yes
Blower: Cargo 160483.



060220 Cabin Heater
24 V., 60 Watt - Speed 1, 77 Watt - Speed 2,
114 Watt - Speed 3, Airflow-Speed 1 264 m³/h,
Water connection 16 mm, Regulation No
Blower: Cargo 160649.



060222 Cabin Heater
12 V., Airflow-Speed 1 76 m³/h,
Water connection 12 mm, Regulation No
Heat-on 1331-12.



060223 Cabin Heater
12 V., Airflow-Speed 1 180 m³/h,
Water connection 16 mm, Regulation Yes



060233 Cabin Heater
24 V., Airflow-Speed 1 180 m³/h,
Water connection 16 mm, Regulation Yes



060234 Cabin Heater
12 V., Airflow-Speed 1 264 m³/h,
Water connection 16 mm, Regulation Yes



060235 Cabin Heater
24 V., Airflow-Speed 1 264 m³/h,
Water connection 16 mm, Regulation Yes

Heater Motors



060059 Cabin Heater Motor
Servicing: Cargo 060056.
12 V., 24 Watt, Length 63 mm,
Shaft dimension 6.35 x 16 mm,
Diameter 70 mm
Heat-on.

Pkg 5



060060 Cabin Heater Motor
Servicing: Cargo 060057.
 24 V., 24 Watt, Length 63 mm,
 Shaft dimension 6.35 x 16 mm,
 Diameter 70 mm



060213 Cabin Heater Motor
Servicing: Cargo 060210.
 12 V., 50 Watt, Length 63 mm,
 Shaft dimension 6.35 x 16 mm,
 Diameter 70 mm
 2 speed.



060214 Cabin Heater Motor
Servicing: Cargo 060211.
 24 V., 50 Watt, Length 63 mm,
 Shaft dimension 6.35 x 16 mm,
 Diameter 70 mm, Speed 1 - speed

Connectors



060228 Round Air Vent
 O.D. 101 mm
 Heat-on 66221. For Built-in.



060229 Round Air Vent
 O.D. 101 mm, Hose I.D. 70/76 mm
 Heat-on 66231. For Built-in.



060230 Round Air Vent
 O.D. 86 mm
 Heat-on 62769. For Built-in.



060231 Round Air Vent
 O.D. 68 mm
 Heat-on 1418-4. For Built-in.

Pkg 5



060238 T-Connection
 Hose I.D. 12 mm

Pkg 5



060239 T-Connection
 Hose I.D. 16 mm



060240 T-Connection
 Hose I.D. 19 mm,

Spare Parts



060215 Fan
Servicing: Cargo 060210, 060211.
 O.D. 120 mm



060219 Air Distribution Kit
Servicing: Cargo 060216, 60220.
 Demister tube I.D. 75 mm
 Heat-on 3050-30.

Accessories



060008 Hose Connection
 Heating tube I.D. 16 mm



060058 Defroster Set
Servicing: Cargo 060210 and 060211.

Pkg 5



060224 Hose Connection
Demister tube connection I.D. 16 mm



060225 Water Valve
I.D. 12 mm



060226 Water Valve
I.D. 3/8"



060227 Water Valve
Servicing: Heat-On 2100.
I.D. 16 mm



060232 Air Vent
Long air ventilator. Dim.: 200 x 40 mm.



060236 Radiator
Servicing: Cargo 060210, 060211.
Water connection Yes
Dim. 156 x 58 x 158 mm.



060237 Demister Tube
Heating tube I.D. 50 mm

Blowers



160513 Blower
Servicing: Audi, Seat, VW
12 V.



160515 Blower
Servicing: Audi, Seat, Skoda, VW
12 V.



160517 Blower
Servicing: BMW



160518 Blower
Servicing: Citroen, Peugeot



160520 Blower
Servicing: Audi, VW



160528 Blower
Servicing: Honda
12 V., Type Fan



160547 Blower
Servicing: Opel, Saab, Vauxhall
 12 V.



160550 Blower
Servicing: Ford
 12 V., Type Fan



160560 Blower
Servicing: Citroen, Peugeot
 12 V.
 RHD.



160561 Blower
Servicing: Peugeot
 12 V.
 RHD.



160562 Blower
Servicing: Peugeot
 12 V.
 RHD.



160564 Blower Motor
Servicing: Mercedes-Benz
 12 V., 120 Watt, Diameter 146 mm



160590 Blower
Servicing: Seat, VW
 12 V.
 RHD.



160591 Blower
Servicing: VW
 12 V.



160620 Blower
Servicing: Audi, VW.
 12 V.
 RHD.



160631 Blower
Servicing: Mercedes.
 12 V.



160693 Blower
Servicing: Ford.
 12 V.
 LHD.



160710 Blower
Servicing: Audi
 12 V.



160730 Blower
Servicing: Volvo.
 12 V.



160732 Blower
Servicing: Volvo.
 12 V.



160734 Blower
Servicing: Volvo.
 Length 148 mm, Shaft dimension 8 mm,
 Diameter 73 mm



160767 Blower
Servicing: Toyota Carina E, Avesis.
 12 V., Type Fan



160768 Blower
Servicing: Seat, VW
 12 V., Type Fan
 w/ resistor.



160879 Blower
Servicing: Vauxhall., Opel, Saab
 12 V., Type Fan

Centrifugal Blowers



CARGO	V	W	Capacity	Speed	Type
160483	12	.....	750 m³	.....3 - speed	
160510	12	.....	650 m³	.....3 - speed	
160511*	12	.....	831 m³	.....1 - speed	
160512	24	.....	1160 m³	.....3 - speed	
160556	24	.....	850 m³	.....3 - speed	
160557	24	.....	1050 m³	.....3 - speed	
160592	12	.....	530 m³	.....3 - speed	
160593	12	.....	260 m³	.....3 - speed	
160594	24	.....	1050 m³	.....3 - speed	
160596	24	.....	530 m³	.....3 - speed	
160639	12	.....	490 m³	.....3 - speed	
160647	12	.....	800 m³	.....3 - speed	
160649	24	.....	750 m³	.....3 - speed	Fan
160736	12	312..	1020 m³	.....3 - speed	Fan
160878	24	.....	1050 m³	.....4 - speed	Fan

* This model have to be used w/ a static pressure that is higher than 0.1 psi. (Pressure cabins).

Axial Fans



CARGO	V	Capacity	Diameter	Type
160536	12	1750 m³	305 mm	Fan
160537	12	1200 m³	225 mm	Suction
160538	12	1750 m³	305 mm	Suction
160539	12	1350 m³	255 mm	Suction
160584	24	.....	305 mm	Suction
160587	24	1450 m³	255 mm	Suction
160588	24	1060 m³	225 mm	Fan
160595	24	.....	385 mm	Fan
160597	24	1220 m³	225 mm	Fan
160598	12	1420 m³	280 mm	Suction
160599	24	1600 m³	280 mm	Suction
160600	24	1600 m³	280 mm	Fan
160601	12	1420 m³	280 mm	Fan
160619	24	2580 m³	305 mm	Fan
160714	24	1450 m³	255 mm	Fan
160715	24	2200 m³	350 mm	Fan
160737	24	2320 m³	305 mm	Fan
160738	24	2060 m³	255 mm	Fan
160739	12	2750 m³	305 mm	Suction
160777	24	3430 m³	385 mm	Suction
160799	24	1220 m³	225 mm	Suction
160885*	12	2400 m³	280 mm	Suction
160906	24	1060 m³	225 mm	Suction
160907	24	2070 m³	255 mm	Suction
160908	24	2990 m³	305 mm	
160909	24	2200 m³	350 mm	Suction
160910	12	1200 m³	225 mm	
160911	12	1350 m³	255 mm	
160912	12	2400 m³	280 mm	
160913	12	2530 m³	305 mm	
160914	12	2160 m³	350 mm	Suction
160915	12	2160 m³	350 mm	

* IP 68.

Blower Resistors



160548 Resistor
Servicing: Opel, Saab, Vauxhall.



160549 Resistor
Servicing: Opel, Vauxhall.



160565 Resistor
Servicing: Citroën, Peugeot.



160566 Resistor
Servicing: Renault



160728 Resistor
Servicing: Seat, VW



160759 Resistor
Servicing: Audi, Scania, Vauxhall, VW
 For cars w/ air condition.



160760 Resistor
Servicing: Audi, Seat, VW



160762 Resistor
Servicing: VW



160763 Resistor
Servicing: VW
For cars w/o air condition.



160764 Resistor
Servicing: , VW
For cars w/o air condition.



160765 Resistor
Servicing: BMW

160794 Blower Resistor
Servicing: Mercedes-Benz

Fan/Heater Motors

Universal

Single Shafts



160005 Universal Motor
12 V., 40 Watt, Length 121 mm,
Shaft dimension 8 x 22 mm,
Diameter 60 mm, Speed 1 - speed,
Revolutions 2000
Universal.



160006 Universal Motor
24 V., 40 Watt, Length 121 mm,
Shaft dimension 8 x 22 mm,
Diameter 60 mm, Speed 1 - speed,
Revolutions 2000
Universal.

Double Shafts



160250 Universal Motor
12 V., Length 105 mm,
Shaft dimension 10 x 110 mm,
Diameter 90 mm, Speed 3 - speed
Universal.



160251 Universal Motor
24 V., Length 107 mm,
Shaft dimension 10 x 110 mm,
Diameter 90 mm, Speed 3 - speed
Universal.



160252 Universal Motor
24 V., Length 102 mm,
Shaft dimension 80 x 65 mm,
Diameter 82 mm, Speed 1 - speed
Universal.



160253 Universal Motor
12 V., Length 86 mm,
Shaft dimension 80 x 83 mm,
Diameter 76 mm, Speed 3 - speed
Universal.



160622 D.C Motor
12 V., Type Fan, Length 223 mm,
Shaft dimension 8 x 51 mm,
Diameter 73 mm, Revolutions 3100
Universal.



160626 D.C Motor
12 V., Type Fan, Length 198 mm,
Shaft dimension 8 mm, Diameter 59.5 mm,
Revolutions 4000
Universal.



160674 Universal Motor
Universal.

Wiper Arms



160022 Wiper Arm
Length 390 mm,
Mount. on wiper shaft dimension 6 mm



160023 Wiper Arm
Servicing: Opel
Length 420 mm,
Mount. on wiper shaft dimension 6 mm



160024 Wiper Arm
Servicing: Opel
Length 450 mm,
Mount. on wiper shaft dimension 6 mm



160256 Wiper Arm
Length 450 mm, Wiper arms distance 57,
Mount. on wiper shaft dimension M6 cone
+ M8 shaft, Adjustable length No
Usable w/ wiper motor: Cargo 160258,
160290, 160291, 160357, 160408.



160257 Wiper Arm
Length 400 mm, Wiper arms distance 57 mm,
Mount. on wiper shaft dimension M6 cone
+ M8 shaft, Adjustable length No
Usable w/ wiper motor: Cargo 160258,
160290, 160291, 160357, 160408.



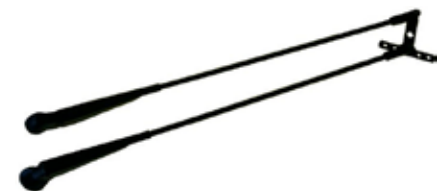
160338 Wiper Arm
Length 700 mm, Wiper arms distance 55,
Mount. on wiper shaft dimension 2 x 8
mm cone, Adjustable length No
Usable w/ wiper motor: Cargo 160340 and
160345.



160339 Wiper Arm
Length 400 mm, Wiper arms distance 57 mm,
Mount. on wiper shaft dimension Ø: 6 mm
+ M8 shaft, Adjustable length No
Usable w/ wiper motor: Cargo 160292 and
106293.



160358 Wiper Arm
Length 500 mm, Wiper arms distance 57 mm,
Mount. on wiper shaft dimension M6 cone
+ M8 shaft, Adjustable length No
Usable w/ wiper motor: Cargo 160258,
160290, 160291, 160357, 160408.



160359 Wiper Arm
Length 550 mm, Wiper arms distance 57 mm,
Mount. on wiper shaft dimension M6 cone
+ M8 shaft, Adjustable length No
Usable w/ wiper motor: Cargo 160258,
160290, 160291, 160357, 160408.



160484 Wiper Arm
Length 340 - 420 mm,
Wiper arms distance 57 mm,
Mount. on wiper shaft dimension M8 cone
+ M8 shaft, Adjustable length Yes



160485 Wiper Arm
Length 430 - 500 mm,
Wiper arms distance 57 mm,
Mount. on wiper shaft dimension M8 cone
+ M8 shaft, Adjustable length Yes



160486 Wiper Arm
Length 340 - 420 mm,
Mount. on wiper shaft dimension M8 cone,
Adjustable length Yes



160487 Wiper Arm
Length 430 - 500 mm,
Mount. on wiper shaft dimension M8 cone,
Adjustable length Yes



160571 Wiper Arm
Length 680 mm, Wiper arms distance 60 mm,
Mount. on wiper shaft dimension 2 x M8
cone



160608 Wiper Arm
Length 680 mm,
Wiper arms distance 110 mm,
Mount. on wiper shaft dimension 2 x M8
cone

Wiper Blades

For Passenger Cars

Standard Type



160628	280 mm	11"
160633	330 mm	13"
160635	350 mm	14"
160638	380 mm	15"
160641	410 mm	16"
160643	430 mm	17"
160645	450 mm	18"
160648	480 mm	19"
160650	500 mm	20"
160653	530 mm	21"
160655	550 mm	22"
160661	610 mm	24"

W/ Spoiler



160741	400 mm	16"
160745	450 mm	18"
160748	480 mm	19"
160750	510 mm	20"
160753	530 mm	22"
160755	550 mm	22"
160761	610 mm	24"
160766	660 mm	26"
160771	710 mm	28"

Flat Blade Type



160811	280 mm	11"	For curved glass
160813	330 mm	13"	For curved glass
160814	350 mm	14"	For curved glass
160815	380 mm	15"	For curved glass
160816	410 mm	16"	For curved glass
160817	430 mm	17"	For curved glass
160818	450 mm	18"	For curved glass
160819	480 mm	19"	For curved glass
160820	510 mm	20"	For curved glass
160821	530 mm	21"	For curved glass
160822	550 mm	22"	For curved glass
160824	610 mm	24"	For curved glass
160826	660 mm	26"	For curved glass

Display for Wiper Blades



160586

Display for wiper blades, for passenger cars

For Trucks



160321	400 mm	16"
160322	450 mm	18"
160323	500 mm	20"
160324	500 mm	20"
160325	600 mm	24"
160326	600 mm	24"
160327	650 mm	26"
160328	700 mm	28"
160329	800 mm	32"
160330	1000 mm	40"
160370	650 mm	26"
160411	700 mm	28"
160757	900 mm	36"

Universal



160019	300 mm	12"	
160025	360 mm	14"	For flat glass
160026	400 mm	16"	For flat glass
160028	330 mm	13"	
160035	350 mm	14"	

Abbreviations, see first pages.

All measurements are in mm. unless else stated.

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

Mounting Parts



160727

K - Connector for trucks



160758

Adapter kit for trucks

Wiper Motors



160150 Wiper Motor

Servicing: Fiat 127, Lada 2101.

12 V.



160376 Wiper Motor

Servicing: Fiat Uno.

12 V.



160395 Wiper Motor

Servicing: Nissan Patrol 86-93.

12 V., Position Rear windscreen



160396 Wiper Motor

Servicing: Nissan Patrol 86-93.

24 V., Position Rear windscreen



160671 Wiper Motor

Servicing: Citroën, Fiat, Peugeot.

12 V.



160704 Wiper Motor

Servicing: Scania 94-164, 95-04.

24 V.



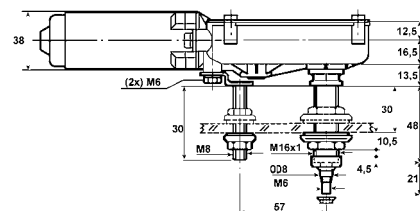
160881 Wiper Motor

Servicing: TEREX / SCHAEFF
5388665196.

12 V., Shaft 1 length 38 mm,

Wiper shaft w/ 1 Shaft

Universal

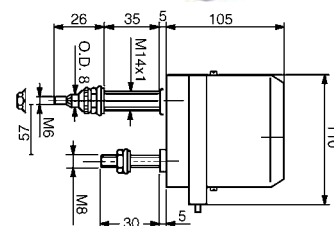


160258 Wiper Motor

12 V., Distance between shafts 57 mm,

Wiper angle 95°,

Wiper shaft w/ 2 shafts for parallelogram

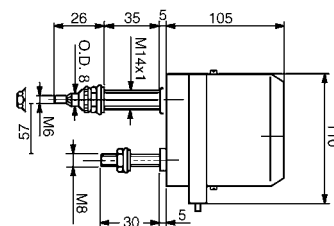


160290 Wiper Motor

12 V., Distance between shafts 57 mm,

Wiper angle 95°,

Wiper shaft w/ 2 shafts for parallelogram

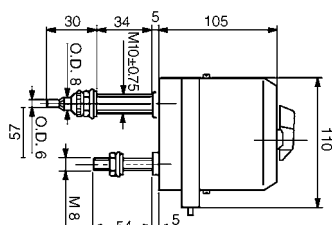


160291 Wiper Motor

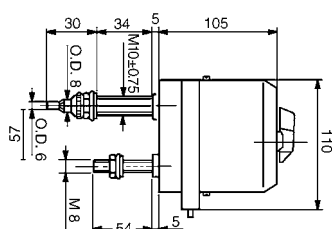
24 V., Distance between shafts 57 mm,

Wiper angle 95°,

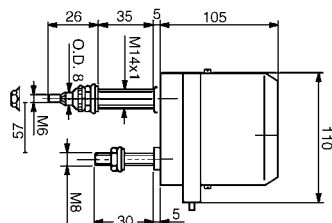
Wiper shaft w/ 2 shafts for parallelogram



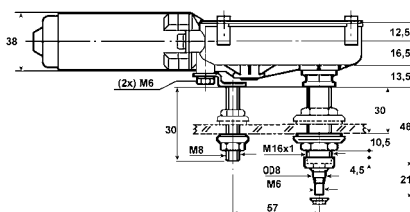
160292 Wiper Motor
12 V., Distance between shafts 57 mm,
Wiper angle 110°,
Wiper shaft w/ 2 shafts for parallelogram



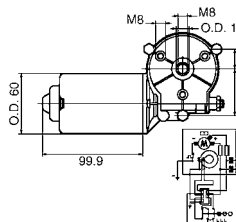
160293 Wiper Motor
24 V., Distance between shafts 57 mm,
Wiper angle 110°,
Wiper shaft w/ 2 shafts for parallelogram



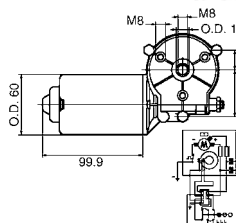
160357 Wiper Motor
12 V., Distance between shafts 57 mm,
Wiper angle 90°,
Wiper shaft w/ 2 shafts for parallelogram



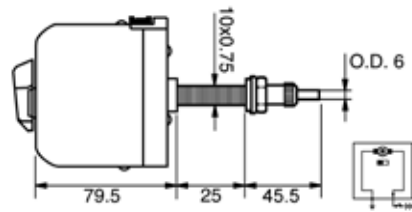
160408 Wiper Motor
24 V., Distance between shafts 57 mm,
Wiper angle 95°,
Wiper shaft w/ 2 shafts for parallelogram



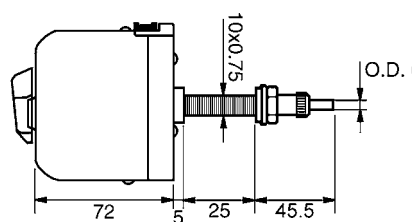
160503 Wiper Motor
12 V.



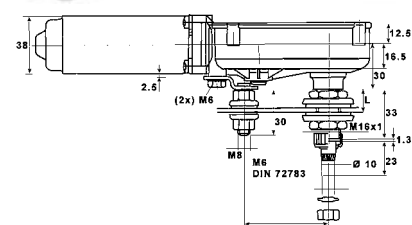
160504 Wiper Motor
24 V.



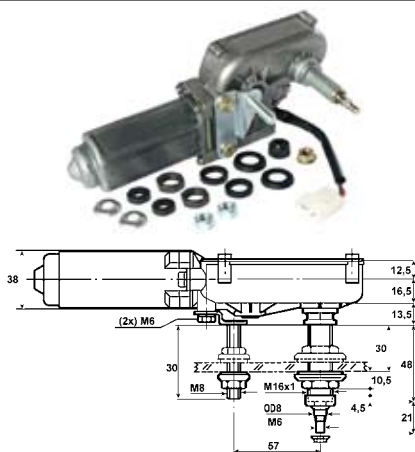
160506 Wiper Motor
12 V., Wiper angle 110°,
Wiper shaft w/ 1 Shaft
Moment: 0.8NM



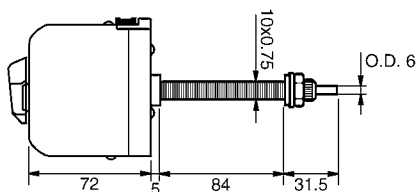
160558 Wiper Motor
12 V., Position Rear windscreen,
Wiper angle 85°, Wiper shaft w/ 1 Shaft



160659 Wiper Motor
12 V., Distance between shafts 57 mm,
Wiper angle 85°,
Wiper shaft w/ 2 shafts for parallelogram
1 speed.



160725 Wiper Motor
12 V., Distance between shafts 57 mm,
Wiper angle 90°



CARGO	V	Wiper angle
160031*	12	85°
160032*	24	85°
160033*	12	110°

* Fitted w/ an interchangeable bearing allowing the shaft to be cut in any size.

Spare Parts



160726 Control Unit
24 V.

Windscreen Washers



160186 Washer Kit
12 V., Capacity 140 ml/min,
Can capacity 1.2 L, Type Complete kit
Sprinkler pump: Cargo 160360. Dim: 130 x 190 x 100 mm.



160187 Washer Tank
12 V., Can capacity 3 L, Type Can
Sprinkler pump: Cargo 160360. Dim: 200 x 207 x 100 mm.

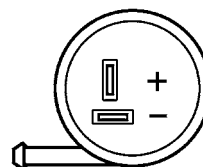


160188 Washer Tank
24 V., Can capacity 3 L, Type Can
Washer motor: Cargo 160360.

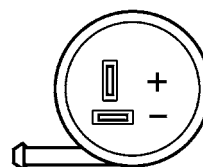


160273 Washer Tank
24 V., Can capacity 1.2 L,
Type Complete kit
Washer motor: Cargo 160360.

Pumps



160197 Washer Pump
Servicing: Porsche, Opel, Mercedes, Volvo.,
Alfa Romeo, Audi, BMW, Fiat, Ford, Lancia,
Mercedes-Benz, Opel, Porsche, Saab, Seat
12 V., Capacity 2400 ml/min, Type Single



160198 Washer Pump
Servicing: Scania., Mercedes-Benz, Opel
24 V., Capacity 2400 ml/min, Type Single



160223 Washer Pump
Servicing: Peugeot 104, 504.
12 V., Capacity 1500 ml/min, Type Single
For independent mounting in engine compartment.



160289 Washer Pump
24 V., Capacity 1500 ml/min, Type Single



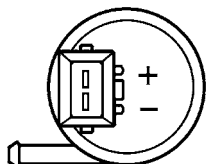
160332 Washer Pump
12 V., Capacity 1500 ml/min, Type Single



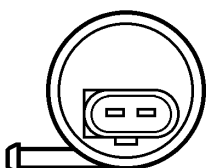
160360 Washer Pump
Servicing: Rover Group, Honda.
12 V., Capacity 1400 ml/min, Type Single



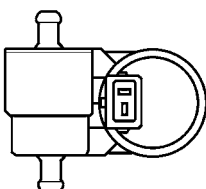
160361 Washer Pump
Servicing: Skoda Favorit.
12 V., Capacity 1200 ml/min, Type Single
Replacing original pump 115930290 on Skoda Favorit.



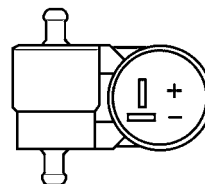
160378 Washer Pump
Servicing: Ford, Opel, Seat, VW
12 V., Capacity 2200 ml/min, Type Single



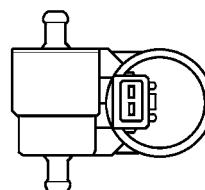
160379 Washer Pump
Servicing: Mercedes-Benz
12 V., Capacity 2200 ml/min, Type Single



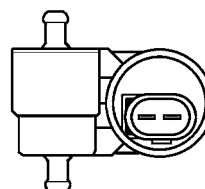
160380 Washer Pump
Servicing: Volkswagen, Opel, Seat, Ford.
12 V., Capacity 2400 ml/min, Type Dual



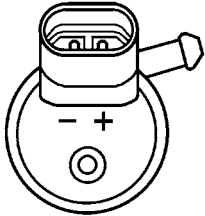
160381 Washer Pump
Servicing: Audi, Ford, Opel, VW, Wartburg
12 V., Capacity 2000 ml/min, Type Dual



160382 Washer Pump
Servicing: Ford, Opel, Seat, Vauxhall, VW
12 V., Capacity 2400 ml/min, Type Dual



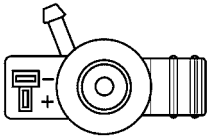
160383 Washer Pump
Servicing: Volkswagen, Smart, Seat, Audi, BMW.
12 V., Capacity 2200 ml/min, Type Dual



160385 Washer Pump

Servicing: GM, Pontiac Firebird, Oldsmobile Ciera Delta.

12 V., Capacity 2600 ml/min, Type Single



160386 Washer Pump

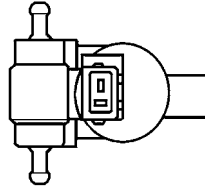
Servicing: Escort, Fiesta, Honda Accord, Peugeot (UK), Ford

12 V., Capacity 1800 ml/min, Type Single



160507 Washer Pump

24 V., Capacity 1500 ml/min, Type Single



160535 Washer Pump

Servicing: Daihatsu, Ford, Mazda

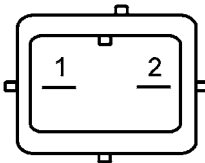
12 V., Capacity 1800 ml/min, Type Dual



160583 Washer Pump

Servicing: Daihatsu, Mazda, Mitsubishi.

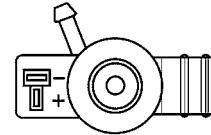
12 V., Capacity 1350 ml/min, Type Single
For rear windscreen.



160629 Washer Pump

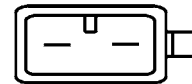
Servicing: Citroen, Peugeot 106,206,306....

12 V., Capacity 1700 ml/min, Type Dual



160630 Washer Pump

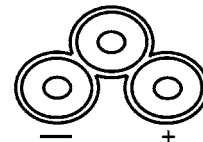
24 V., Capacity 1800 ml/min, Type Single



160677 Washer Pump

Servicing: Daewoo, Hyundai, Kia, Mazda, Mitsubishi, Toyota.

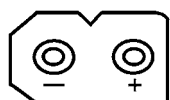
12 V., Capacity 2000 ml/min, Type Single



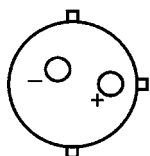
160679 Washer Pump

Servicing: Mercedes-Benz

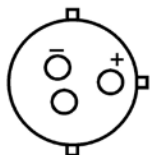
12 V., Capacity 2100 ml/min, Type Single



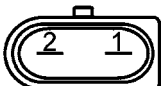
160680 Washer Pump
Servicing: BMW
 12 V., **Capacity** 2300 ml/min, **Type** Single



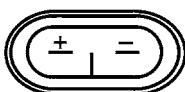
160681 Washer Pump
Servicing: Audi
 12 V., **Capacity** 2400 ml/min, **Type** Single



160682 Washer Pump
Servicing: Audi
 12 V., **Capacity** 2400 ml/min, **Type** Dual



160683 Washer Pump
Servicing: Audi, BMW, Mercedes-Benz, Seat, Skoda, VW
 12 V., **Capacity** 2200 ml/min, **Type** Dual



160684 Washer Pump
Servicing: Citroen Berlingo, Saxo, Xantia, Fiat Ulysse, Peugeot, Pegaso.
 12 V., **Capacity** 2200 ml/min, **Type** Single

Jets

Pkg 10



160190 Washer Jet
 Dual



160192 Washer Jet
 Dual

Pkg 10



160685 Washer Jet
 Dual
 Length: 52 mm.

Pkg 10



160686 Washer Jet
 Single

Pkg 10



160687 Washer Jet
 Single
 w/ wingnut. Length: 32 mm.

Pkg 10

Pkg 10



160688 Washer Jet
Dual

Pkg 2



160917 Washer Jet
Servicing: Installation of wiper arms.
Dual

Connections

Pkg 10



160195 T-Connection
For hose I.D. 4 mm.

Pkg 10



160412 Pipe Connector
For hose I.D. 3 mm.

Pkg 10



160413 Pipe Connector
For hose I.D. 4 mm.

Aerials

Plugs & Sockets



040095 Aerial Plug
Female

Pkg 10



040096 Aerial Plug
Male



040199 Aerial Plug

Pkg 10



040200 Aerial Adaptor
New to old male plug ISO>DIN.

Pkg 5



040201 Aerial Adaptor
Old to new male plug DIN>ISO.

Pkg 10



040206 Adapter Cabel
DIN-Iso.

Pkg 10



040207 Adapter Cabel
Fakra-DIN.

Pkg 10



040208 Adapter Cabel
Fakra-Iso.

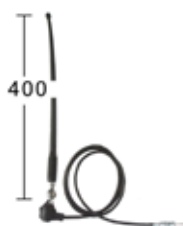
Extension Leads



040018 Aerial Extension Lead
Length 60 cm



040019 Aerial Extension Lead
Length 100 cm



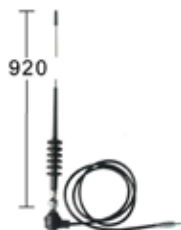
040077 Aerial
Colour Black, Length 400 mm,
Hole size 8 mm, Mounting angle 0 - 180°,
Cable length 1.2 m, Material Rubber
Removable mast.



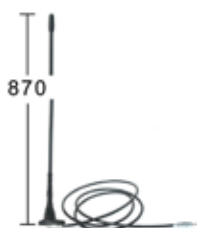
040094 Aerial Extension Lead
Length 350 cm



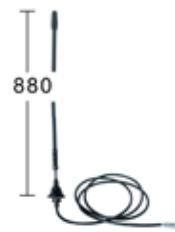
040177 Aerial
Length 950 mm, Hole size 8 mm,
Mounting angle 0 - 90°, Cable length 2.1 m,
Material Stainless steel
Extended. 2 sections.



040178 Aerial
Colour Black, Length 920 mm,
Hole size 8 mm, Mounting angle 0 - 180°,
Cable length 1.2 m
Extended.



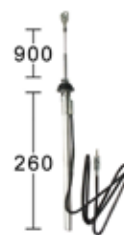
040179 Aerial
Colour Black, Length 870 mm,
Hole size 13 mm, Mounting angle 0 - 45°,
Cable length 1.6 m, Material Fiber glass
Removable mast.



040181 Aerial
Colour Black, Length 880 mm,
Hole size 18 mm, Mounting angle 0 - 45°,
Cable length 1.6 m, Material Fiber glass
Removable mast.



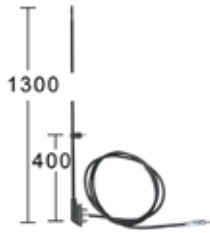
040182 Aerial
Colour Black, Length 880 mm,
Hole size 18 mm, Mounting angle 0 - 45°,
Cable length 1.6 m, Material Fiber glass
Removable mast.



040183 Aerial
Colour Chrome, Length 900 mm,
Hole size 18 mm, Mounting angle 0 - 45°,
Cable length 1.2 m, Base diameter 34 mm,
Material Steel, Amplifier built in No
4 sections.



040190 Aerial
Colour Black, Length 570 mm,
Hole size 18 mm, Mounting angle 0 - 45°,
Cable length 1.3 m, Material Fiber glass
Removable mast.



040191 Aerial
Colour Black, **Length** 1300 mm,
Hole size 12 mm, **Cable length** 1.5 m,
Material Stainless steel
Extended.



040192 Aerial Extension Lead
Length 200 cm



040211 Aerial
Length 950 mm, **Mounting angle** 0 - 90°,
Cable length 2.1 m,
Base diameter 45 x 30 mm,
Material Stainless steel
For french models among other.

Radio Accessories

Capasitors

For Car Radios



150100 Capacitor
2.2 µf, Type Universal, **Length** 100 mm



150101 Capacitor
Servicing: 0120389567, 0120450010,
 0120450015, 0120468028, 0120468037,
 0120468053, 0120468054, 0120468055,
 0120468065, 0120468066
2.2 µf, Type Universal, **Length** 80 mm



150407 Capacitor
Servicing: 0120300518, 0120300519,
 0120300522, 0120300523, 0120300524,
 0120300532, 0120300533, 0120300540,
 0120300545, 0120300546
2.2 µf, Type Universal, **Length** 40 mm

Pkg 10



150408 Capacitor
Servicing: 0120450001, 0120488256,
 0120488277, 0120488278, 0120488282,
 0120488291, 0120489315, 0120489316,
 0120689518, 0120689524
2.2 µf, Type Universal, **Length** 100 mm

Loudspeaker in Cabinet



040197 Speakers
20 / 40 Watt, 4 Ohm, Length 97 mm,
Depth 95 mm, **Width** 95 mm
w/ mounting bracket.

Loudspeaker Built-in



040193 Speakers
150 Watt, 4 Ohm, Width 100



040214 Speakers
150 Watt, 4 Ohm, System 2 - way

Radio Mounting Kits



040149 Radio Box



040170 Radio Mounting Kit
Galvanized. w/ gasket.

Dashboard Gauges

Ammeter



160697 Ammeter
Colour Black, O.D. 52 mm,
Measuring area 30-0-30, Mounting Hook fastening



160698 Ammeter
Colour Black, O.D. 52 mm,
Measuring area 60-0-60, Mounting Hook fastening

Voltmeter



160695 Voltmeter
8 - 16 V., Type Electrical operated,
Colour Black, O.D. 52 mm,
Measuring area 8 - 16, Mounting Hook fastening



160696 Voltmeter
16 - 32 V., Type Electrical operated,
Colour Black, O.D. 52 mm,
Measuring area 16 - 32, Mounting Hook fastening

Hour Meter



160702 Hour Meter
12 - 28 V., Colour Black, O.D. 52 mm,
Mounting Hook fastening
w/o illumination.



160747 Hour Meter
10 - 28 V., Type Electrical operated
w/o illumination.



160897 Hour Meter
10 - 28 V., Colour Black, O.D. 52 mm,
Mounting Hook fastening
Digital.

Fuel Gauges



160701 Fuel Gauge
12 V., Colour Black, O.D. 52 mm,
Mounting Hook fastening



160872 Fuel Gauge
24 V., Type Electrical operated,
Colour Black, O.D. 52 mm,
Mounting Hook fastening



160873 Fuel Gauge
Servicing: Cargo 160701, 160872.
12 / 24 V., Type Electrical operated

Water Temp. Gauges



160699 Water Temp. Gauge
12 V., **Type** Electrical operated,
Colour Black, **O.D.** 52 mm,
Measuring area 40-120, **Mounting** Hook
fastening
Transmitter 1/8"NPTF: Cargo 160786.



160778 Water Temp. Gauge
24 V., **Type** Electrical operated,
O.D. 52 mm, **Measuring area** 40-120,
Mounting Hook fastening
Transmitter 1/8"NPTF: Cargo 160786.

Oil Pressure Gauges



160700 Electrical Oil Pressure Gauge
12 V., **Type** Electrical operated,
Colour Black, **O.D.** 52 mm,
Mounting Hook fastening
Transmitter 1/8"NPTF: Cargo 160786.



160779 Oil Pressure Gauge
24 V., **Type** Electrical operated, **O.D.** 52 mm,
Mounting Hook fastening
Transmitter 1/8"NPTF: Cargo 160786.

Ignition Parts

Electronic Ignition Kits



150227 Electronic Ignition Kit
Servicing: Audi, Seat, Skoda, VW
Type Dry, **Terminals - module** 3
Does not fit VW w/ Telefunken plant.



150228 Electronic Ignition Kit
Servicing: VW
Type Dry, **Terminals - module** 3



150229 Electronic Ignition Kit
Servicing: Renault
Type Dry, **Terminals - module** 5



150231 Electronic Ignition Kit
Servicing: VW
Type Dry, **Terminals - module** 6



150238 Electronic Ignition Kit
Servicing: Volvo
Type Dry, **Terminals - module** 5



150293 Electronic Ignition Kit
Servicing: Volvo
Type Dry, **Terminals - module** 5



150403 Electronic Ignition Kit
Servicing: Opel, Vauxhall
Type Dry, **Terminals - module** 4



150435 Electronic Ignition Kit
Servicing: Audi, Seat, Skoda, VW
12 V., **Type** Dry



150516 Electronic Ignition Kit
Servicing: Ford, Mercedes-Benz, VW
12 V., **Terminals - module** 5

Ignition Coils



150037 Ignition Coil
12 V., Type Ordinary, O.D. 55 mm



150169 Ignition Coil
12 V., Type Super, O.D. 60 mm



150183 Electronic Ignition Coil
Servicing: Citroen, Peugeot
12 V.



150184 Electronic Ignition Coil
Servicing: Citroen, Peugeot
12 V.



150185 Electronic Ignition Coil
Servicing: Jeep, Opel, Renault, Volvo
12 V.



150187 Electronic Ignition Coil
Servicing: Opel, Vauxhall
12 V., Terminals 2



150192 Electronic Ignition Coil
Servicing: Audi, Seat, VW
12 V., Terminals 2



150196 Electronic Ignition Coil
Servicing: Opel, Vauxhall
12 V., Terminals 2



150210 Electronic Ignition Coil
Servicing: Ford
12 V.



150243 Electronic Ignition Coil
Servicing: Fiat, Lancia
12 V.



150246 Electronic Ignition Coil
Servicing: Alfa Romeo, Fiat, Lancia
12 V.
2 units on each vehicle.



150247 Electronic Ignition Coil
Servicing: Citroen, Peugeot
12 V.



150249 Electronic Ignition Coil
Servicing: Audi, Seat, VW
12 V.



150250 Electronic Ignition Coil
Servicing: BMW, Renault
12 V.
6 or 8 units on each vehicle.



150252 Electronic Ignition Coil
Servicing: Alfa Romeo, Citroen, Fiat, Honda, Kia, Lancia, Land Rover, Peugeot
 12 V.
2 units on each vehicle.



150253 Electronic Ignition Coil
Servicing: Alfa Romeo, Fiat, Lancia
 12 V.



150257 Electronic Ignition Coil
Servicing: Mercedes-Benz, Puch (Steyr-Daimler)
 12 V.



150258 Electronic Ignition Coil
Servicing: Mercedes-Benz
 12 V.



150259 Electronic Ignition Coil
Servicing: Citroen, Fiat, Innocenti, Lancia, Peugeot
 12 V.



150260 Electronic Ignition Coil
Servicing: Austin, Citroen, MG, Peugeot, Rover
 12 V.



150265 Electronic Ignition Coil
Servicing: Toyota
 12 V.



150266 Electronic Ignition Coil
Servicing: Toyota
 12 V.



150267 Electronic Ignition Coil
Servicing: Toyota
 12 V.



150269 Electronic Ignition Coil
Servicing: Acura, Honda, Rover
 12 V.
Internal threaded terminals.



150270 Electronic Ignition Coil
Servicing: Honda, Rover
 12 V.



150271 Electronic Ignition Coil
Servicing: Honda
 12 V.
Internal threaded terminals.



150272 Electronic Ignition Coil
Servicing: Honda
 12 V.



150273 Electronic Ignition Coil
Servicing: Ford, Infiniti, Nissan
12 V.



150275 Electronic Ignition Coil
Servicing: Mazda, Suzuki
12 V.



150277 Electronic Ignition Coil
Servicing: Seat, VW
12 V.



150278 Electronic Ignition Coil
Servicing: Opel, Vauxhall
12 V.



150279 Electronic Ignition Coil
Servicing: Hyundai, Mitsubishi
12 V.



150281 Electronic Ignition Coil
Servicing: Ford, Mazda
12 V.



150282 Electronic Ignition Coil
Servicing: Opel, Vauxhall
12 V., **Terminals** 2



150394 Electronic Ignition Coil
Servicing: Ford
12 V.



150405 Electronic Ignition Coil
Servicing: Fiat, Lancia
12 V.



150415 Electronic Ignition Coil
Servicing: Renault
12 V.



150416 Electronic Ignition Coil
Servicing: Ford
12 V.



150419 Electronic Ignition Coil
Servicing: Renault, Seat
12 V.



150420 Electronic Ignition Coil
Servicing: Renault
12 V.



150421 Electronic Ignition Coil
Servicing: Toyota
12 V.



150422 Electronic Ignition Coil
Servicing: BMW
12 V.



150423 Electronic Ignition Coil
Servicing: Fiat, Lancia
12 V.



150424 Electronic Ignition Coil
Servicing: Daewoo, Mercedes-Benz, Puch (Steyr-Daimler), Ssangyong, VW
12 V.



150425 Electronic Ignition Coil
Servicing: Mercedes-Benz
12 V.



150426 Electronic Ignition Coil
Servicing: Kia
12 V.



150427 Electronic Ignition Coil
Servicing: BMW, Land Rover, MG, Rover
12 V.



150428 Electronic Ignition Coil
Servicing: Audi, Seat, Skoda, VW
12 V.



150429 Electronic Ignition Coil
Servicing: Renault, Volvo
12 V.



150430 Electronic Ignition Coil
Servicing: Renault, Volvo
12 V.



150432 Electronic Ignition Coil
Servicing: Land Rover, MG, Rover
12 V.



150433 Electronic Ignition Coil
Servicing: Nissan, Renault
12 V.



150434 Electronic Ignition Coil
Servicing: Renault
12 V.



150436 Electronic Ignition Coil
Servicing: Fiat, Lancia
12 V.



150437 Electronic Ignition Coil
Servicing: Alfa Romeo
12 V.



150438 Electronic Ignition Coil
Servicing: Alfa Romeo
12 V.



150439 Electronic Ignition Coil
Servicing: Seat, VW
12 V.



150440 Electronic Ignition Coil
Servicing: Alfa Romeo
12 V.



150441 Electronic Ignition Coil
Servicing: Nissan, Renault
12 V.



150505 Electronic Ignition Coil
Servicing: Nissan, Opel, Renault, Vauxhall
12 V., **Type** Pencil



150506 Electronic Ignition Coil
Servicing: Citroen, Fiat, Lancia, Peugeot, Renault
12 V., **Type** Pencil



150508 Electronic Ignition Coil
Servicing: Audi, Seat, Skoda, VW
12 V., **Type** Pencil



150509 Electronic Ignition Coil
Servicing: Audi, Seat, Skoda, VW
12 V., **Type** Pencil



150510 Electronic Ignition Coil
Servicing: Audi, VW
12 V., **Type** Pencil



150513 Electronic Ignition Coil
Servicing: Skoda, VW
12 V., **Type** Pencil



150514 Electronic Ignition Coil
Servicing: Volvo
12 V., **Type** Pencil



150517 Electronic Ignition Coil
Servicing: Renault, Volvo
12 V., **Terminals** 4



150518 Electronic Ignition Coil
Servicing: Audi, Seat, Skoda, VW
12 V.



150519 Electronic Ignition Coil
Servicing: Mercedes-Benz, Opel, Vauxhall
12 V.



150520 Electronic Ignition Coil
Servicing: Citroen, Peugeot
12 V.



150521 Electronic Ignition Coil
Servicing: Opel, Vauxhall
12 V.



150522 Electronic Ignition Coil
Servicing: Citroen, Peugeot
12 V.



150523 Electronic Ignition Coil
Servicing: Citroen, Mazda
12 V.



150524 Electronic Ignition Coil
Servicing: Opel
12 V.



150525 Electronic Ignition Coil
Servicing: Opel
12 V.

Ignition Modules



150055 Ignition Module
Servicing: Mercedes, Peugeot, Talbot, Opel, Zastava, Vauxhall., d7es4, Alfa Romeo, BMW, Citroen, Fiat, Mercedes-Benz, Opel
Type Pick up, **Terminals** 7
Also repl. ignition modules w/ 6 terminals.



150056 Ignition Module
Servicing: Alfa, BMW, Vauxhall, Volvo, VW, GM, KHD, Renault., Audi, Opel, Porsche, Saab, Seat, Vauxhall, Volvo, VW
Type Hall, **Terminals** 7
Also repl. ignition modules w/ 6 terminals.



150057 Ignition Module
Servicing: Alfa Romeo, Citroen, Ford, Peugeot
Type Pick up, **Terminals** 5



150058 Ignition Module
Servicing: AMC, GM, Opel, Peugeot, Vauxhall., Alfa Romeo, Autobianchi, Fiat, Lancia, Polski-Fiat, Renault
Type Pick up, **Terminals** 5



150061 Ignition Module
Servicing: AMC, GM, Opel, Vauxhall., Fiat
Type Pick up, **Terminals** 8



150062 Ignition Module
Servicing: AMC, Buick, Cadillac, Chevrolet, GM, Jeep, Oldsmobile, Pontiac., Opel, Vauxhall
Type Pick up, **Terminals** 5



150063 Ignition Module
Servicing: GM., Honda, Opel, Vauxhall
Type Pick up, **Terminals** 8



150064 Ignition Module
Servicing: Opel, Vauxhall
Type Pick up, **Terminals** 7



150065 Ignition Module
Servicing: Ford
Type Pick up, **Terminals** 5



150067 Ignition Module
Servicing: Ford, Renault V.I.
Type Pick up, **Terminals** 6



150068 Ignition Module
Servicing: Chrysler., Mazda, Mitsubishi
Type Pick up, **Terminals** 5



150071 Ignition Module
Servicing: Lada
Type Hall, **Terminals** 7



150072 Ignition Module
Servicing: Ford
Type Pick up, **Terminals** 5



150074 Ignition Module
Servicing: Lada, Volvo
Type Hall, **Terminals** 7



150075 Ignition Module
Servicing: Audi, Saab, Seat, Volvo, VW, Wartburg
Type Hall, **Terminals** 7



150077 Ignition Module
Servicing: Ford
Type Hall, **Terminals** 9



150088 Ignition Module
Servicing: Fiat Uno Fire, Lancia Y10 Fire., Fiat, Innocenti, Lancia
Type Pick up, **Terminals** 5



150091 Ignition Module
Servicing: GM, Isuzu., Honda, Nissan, Subaru
Type Pick up, **Terminals** 3



150092 Ignition Module
Servicing: Toyota
Type Pick up, **Terminals** 6



150096 Ignition Module
Servicing: Chrysler, Hyundai, Mazda., Mitsubishi
Type Pick up, **Terminals** 3



150097 Ignition Module
Servicing: NEC, Oki., Honda, Rover
Type Pick up, **Terminals** 5



150098 Ignition Module
Servicing: Peugeot, Saab, Volvo., 0001512001, Citroen, Opel, Peugeot, Porsche, Renault V.I., Saab, Seat, Vauxhall
Type Amplifier, **Terminals** 7
Also repl. ignition modules w/ 6 terminals.



150154 Ignition Module
Servicing: Mercedes-Benz, Puch (Steyr-Daimler)
Type Pick up, **Terminal type** Bullet, **Terminals** 6



150157 Ignition Module
Servicing: Toyota
Type Pick up, **Terminals** 6



150160 Ignition Module
Servicing: Ford, Nissan, Suzuki., Mazda
Type Pick up, **Terminals** 5



150165 Ignition Module
Servicing: Alfa Romeo., Ferrari, Fiat, Lancia
Type Amplifier, **Terminals** 7



150167 Ignition Module
Servicing: Lancia., Volvo
Type Amplifier, **Terminals** 7



150168 Ignition Module
Servicing: Ford
Type Amplifier, **Terminals** 7



150171 Ignition Module
Servicing: Audi, Seat, Skoda, VW
Type Amplifier, **Terminals** 5



150172 Ignition Module
Servicing: VW
Type Hall, **Terminals** 8



150173 Ignition Module
Servicing: Opel, Vauxhall
Type Amplifier, **Terminals** 6



150175 Ignition Module
Servicing: Opel, Vauxhall
Type Amplifier, **Terminals** 4



150176 Ignition Module
Servicing: Autobianchi., Fiat, Lancia
Type Pick up, **Terminals** 5



150215 Ignition Module
Servicing: Skoda
Type Pick up, **Terminals** 5



150221 Ignition Module
Servicing: Infiniti, Nissan, Suzuki
Type Amplifier, **Terminals** 3



150226 Ignition Module
Servicing: Renault, Volvo
Type Amplifier, **Terminals** 6



150232 Ignition Module
Servicing: Renault
Type Amplifier, **Terminals** 7



150234 Ignition Module
Servicing: Mazda
Type Pick up, **Terminal type** Internal thread, **Terminals** 5



150235 Ignition Module
Servicing: Mazda
Type Pick up, **Terminals** 6



150236 Ignition Module
Servicing: Acura, Honda
Type Amplifier, **Terminals** 5



150237 Ignition Module
Servicing: Volvo
Type Amplifier, **Terminals** 7



150239 Ignition Module
Servicing: GM, USA., Daewoo
Type Amplifier, **Terminals** 8



150371 Ignition Module
Servicing: Mazda
Type Amplifier, **Terminals** 3



150377 Ignition Module
Servicing: Suzuki., Audi, Hyundai, Mitsubishi, Seat, Skoda, VW
Type Amplifier, **Terminals** 3



150378 Ignition Module
Servicing: Mitsubishi., Mitsubishi
Type Amplifier, **Terminals** 5



150379 Ignition Module
Servicing: BMW, Opel., Alfa Romeo, Citroen, Lancia, Peugeot, Porsche
Type Amplifier, **Terminals** 7



150380 Ignition Module
Servicing: Opel, Vauxhall
Type Amplifier, **Terminals** 4
w/ bracket.



150381 Ignition Module
Servicing: VW., Audi, Ford
Type Amplifier, **Terminals** 5



150384 Ignition Module
Servicing: Honda
Type Amplifier, **Terminals** 5



150387 Ignition Module
Servicing: Alfa Romeo., Ferrari, Opel, Volvo
Type Amplifier, **Terminals** 7



150388 Ignition Module
Servicing: Honda., Rover
Type Amplifier, **Terminals** 5



150393 Ignition Module
Servicing: Ford, VW
Type Amplifier, **Terminals** 4



150396 Ignition Module
Servicing: Audi, Seat, Skoda, VW
Type Amplifier, **Terminals** 7



150397 Ignition Module
Servicing: Mercedes-Benz
Type Pick up, **Terminal type** Bullet,
Terminals 6
w/ RPM limited.



150398 Ignition Module
Servicing: Hitachi., Honda
Type Pick up, **Terminals** 5



150406 Ignition Module
Servicing: Skoda., Audi, Seat, VW
Type Amplifier, **Terminals** 9



150409 Ignition Module
Servicing: VW, Passat., Audi
Type Amplifier, **Terminals** 7

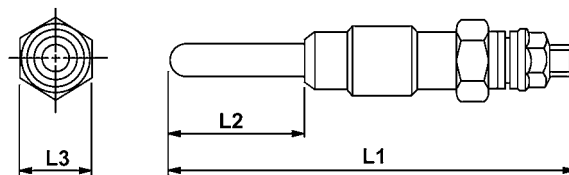


150417 Ignition Module
Servicing: Mazda
Type Pick up



150512 Ignition module
Servicing: Distributor Mitsubishi T6T57671,
T5T57071, T6T58071.
Terminals w/, **Diaphragms** w/o

Glow Plugs



Itemid	Plug V.	Battery	Amp.	Thread	L. 1	L. 2	L. 3	Glow duration
100079	0.9	12	6.3	M18 - 1.5	87.5	27.5	21	SHP
100086	11	12	10	M14 - 1.25	78	28	14	<20
100177	11.5	12	13	UNF 7/8 - 14	62	32	24	SHP
100245	5	12	11	M10 - 1.25	89	24	12	7 - 10
100246	12	12	8.5	M10 - 1.25	95	22	12	<20
100247	11	12	9	M10 - 1.25	69	19	12	<20
100248	11	12	9.2	M12 - 1.25	59	20	12	<20
100249	23	24	4.5	M10 - 1.25	76	19	12	<20
100251	11	12	8	M10 - 1.25	70	19	12	7 - 10
100252	23	24	7.5	M10 - 1.25	70	19	12	7 - 10
100253	6.5	12	11.5	M10 - 1	90	21	12	7 - 10
100254	10.5	12	6.5	M10 - 1.25	70	19	12	7 - 10
100256	8.5	12	9	M10 - 1.25	103	28	12	<20
100257	7	12	8.5	M10 - 1.25	101	28	12	7 - 10
100258	7	12	8	M10 - 1.25	95	31.5	12	7 - 10
100259	14	24	4.8	M10 - 1.25	101	28	12	7 - 10
100260	11	12	11	M10 - 1.25	96	31	12	<20
100261	10.5	12	16.5	M10 - 1.25	88	22	12	7 - 10
100270	10.5	12	8.5	M10 - 1.25	101	28	12	<20
100271	11	12	10	M10 - 1.25	68	17	12	<10
100275	10.5	12	6.5	M10 - 1.25	87	24	12	<20
100276	23	24	4.8	M10 - 1.25	67	17	12	<10
100277	6	12	8	M10 - 1.25	95	31.5	12	7 - 10
100280	20.5	24	5	M10 - 1.25	101	28	12	<20
100281	11	12	10	M10 - 1.25	101	28	12	<10
100282	23	24	4.6	M10 - 1.25	101	28	12	<20
100283	11	12	10	M10 - 1.25	101	28	12	<10
100284	11	12	10.5	M12 - 1.25	74	29	12	7 - 10
100286	8.5	12	9	M10 - 1.25	86	22	12	<20
100287	11	12	10	M10 - 1.25	88	22	12	<10
100288	12	12	11	M10 - 1.25	86	22	12	7 - 10
100291	11	12	6	M10 - 1.25	95	32	12	<10
100292	11	12	6	M10 - 1.25	89	24	12	<10
100294	11	12	15	M12 - 1.25	63	24	12	8 - 12
100295	9	12	15	M18 - 1.5	75	28	21	7 - 10
100298	5	12		M10 - 1.25	89	24	12	7 - 10
100299	5	12		M10 - 1.25	83	18	12	7 - 10
100302	11	12	7	M10 - 1.25	83	18.5	12	<10
100303	11	12	7	M12 - 1.25	66	21	12	8
100306	10	12	9	M10 - 1.25	84	20	12	5
100307	11.5	12	9	M10 - 1	125	26.5	12	5
100310	11/6.2	12	14	M10 - 1.25	94	20	12	5
100320	11	12	13	M10 - 1	81.25	24	10	<7
100323	11	12	13	M10 - 1	79	25	12	<7
100324	6.5	12	5.5	M10 - 1.25	84	21.5	12	20
100325	6.5	12	5.5	M10 - 1.25	90	21.5	12	20
100326	11	12	10	M10 - 1.25	95.1	19	12	7
100327	11.5	12		M12 - 1.25	120	27.5	12	5
100329	11	12	10	M12 - 1.25	70.1	24.5	12	6
100331	11.5	12	10	M12 - 1.25	67.6	22	12	7
100332	11.5	12	10	M12 - 1.25	70.1	24.5	12	6
100333	11	12	10	M12 - 1.25	75.6	20	12	SHP
100335	11	12	9	M10 - 1.25	88.8	28.5	10	7
100336	11	12	10	M10 - 1.25	82.4	15.7	12	5
100337	11.5	12	10	M12 - 1.25	86	28	12	4 - 9
100339	11.5	12	10	M12 - 1.25	115	27.5	12	5
100426	11	12	7.2	M10 - 1.25	83	17	12	7 - 10
100429	11	12	8 - 10	M10 - 1.25	103	25	12	7 - 10
100431	23	24	3.5	M10 - 1.25	101	28	12	7 - 10

Abbreviations, see first pages.

All measurements are in mm. unless else stated.

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

Itemid	Plug V.	Battery	Amp.	Thread	L. 1	L. 2	L. 3	Glow duration
100432	11	12	8 - 10	M12 - 1.25	65.6	25	12	6
100433	10.5	12	7.5	M10 - 1.25	70	17	12	>20
100434	10.5	12	8	M10 - 1.25	75	16	12	>20
100435	10.5	12	6.5	M10 - 1.25	74	16	12	>25
100436	11	12	10	M10 - 1	92	24	10	6
100510	11	12	7	M10 - 1.25	85	17.5	12	7
100511	11	12	22	M12 - 1.25	71.5	25	12	5
100512	11	12	22	M12 - 1.25	61	20	12	7
100513	11	12	7	M10 - 1.25	89	17.5	12	5
100514	11	12	6	M10 - 1.25	101	28	12	10
100515	11	12	6	M10 - 1.25	86	22	12	8 - 9
100516	11	12	5	M10 - 1.25	97	32	12	8
100518	11	12	7.3	M8 - 1	69	19.5	10	7
100520	11	12	6.5	M10 - 1.25	85	22.5	12	6
100521	10.5	12	9.7	M10 - 1.25	83.5	22	12	11
100522	10	12	10	M10 - 1.25	68	17	12	6
100523	11	12	6	M10 - 1.25	80	24.5	12	8.5
100524	11	12	6	M10 - 1.25	85	30	12	8.5
100527	11	12	10	M10 - 1	97	30	10	5
100528	11	12	8 - 10	M10 - 1.25	97	22	12	6
100529	11	12	8	M10 - 1	83	25	12	5
100530	11	12	10	M10 - 1	118.8	33.4	12	6
100531	10	12	10	M12 - 1.25	62	17.5	12	5
100532	10	12	8 - 10	M10 - 1	95	24.5	10	6
100533	11	12	6 - 11	M10 - 1	107	27.5	10	6
100534	11	12	8 - 10	M10 - 1	96.5	24	10	5
100535	11	12	8 - 10	M10 - 1	80	30	10	5
100536	10.5	12	8 - 10	M10 - 1	106.4	30	10	5
100537	11.5	12	8 - 10	M10 - 1	130	27	10	
100538	12	12	8 - 10	M10 - 1	126	34	10	
100539	11.5	12	8 - 10	M10 - 1	128	30	10	
100540	11	12	8 - 12	M10 - 1	75	24	10	
100541	11	12	10 - 12	M12 - 1.25	71	24.5	12	
100544	11	12	8 - 10	M10 - 1	107	28	10	
100545	11	12	10	M12 - 1.25	70.1	24.5	12	5
100547	11.5	12	10	M10 - 1.25	120.8	30.8	12	5 - 7
100548	10.5	12	10	M10 - 1	77.5	28.5	10	6
100550	11.5	12	10	M10 - 1	80.5	27	10	5 - 6
100555	11	12	10	M10 - 1.25	144.8	23.3	12	5 - 6
100556	11	12	10	M10 - 1.25	170	36.6	12	5 - 7
100557	11	12	10	M10 - 1.25	85.5	17.3	12	5 - 7
100559	11	12	10	M10 - 1.25	67.6	20.5	12	5 - 7
100560	11.5	12	10	M10 - 1.25	180	20.9	12	5 - 6
100561	11.5	12	12	M10 - 1	180	21.3	12	5 - 9
100562	11	12	10	M10 - 1.25	96	22.5	12	5 - 7
100563	11	12	12	M10 - 1.25	88.5	20.6	12	5 - 9
100565	10	12	10	M10 - 1	96.8	25	10	5 - 10
100566	9.5	12	10	M14 - 2	100.5	30	14	10>
100578	11	12	10	M10 - 1.25	210	23	12	10
100580	8	12	16	M22 - 1.5	64.5	33	24	SHP
100581	10.5	12	10	M10 - 1.25	81.1	22.5	12	7
100583	10.5	12		M18 - 1.5	86	38	21	10 - 12
100587	11	12	10		150	26.5	8	7 - 10
100590	11			M10 - 1.25				
100591	11			M10 - 1.25				
100592	11			M10 - 1				
100593								
100594	11	12		M10 - 1	135	31	10	
100595								
100600		24		7/8"				
100601		24		7/8"				
100614	5	12		M10 - 1	82	27	3/8«	
100615	11.5	12		M10 - 1	82	27	3/8«	
100616	11	12		M10 - 1	129.5	31	3/8«	
100619	11	12		M10 - 1.25	75	25	12	
100622		12						
100624	5	12	7	M8 - 1	118.5	27	8	3 - 9
100625	4.4	12		M8 - 1	117.5	29.5	8	
100627	11	12	13	M8 - 1	119	28	8	
100628	11	12	9		85.75	17.75	12	9 - 13
100634	10.5	12	7	M10 - 1.25	85	22.5	12	

Abbreviations, see first pages

All measurements are in mm. unless else stated.

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

*Available while stock last, *Product development

Itemid	Plug V.	Battery	Amp.	Thread	L. 1	L. 2	L. 3	Glow duration
100636					75.1	24	12	
100639	11	12	16	M12 - 1.25	76	21	12	7
100640	24	24		M12 - 1.25	61	20	12	
100641	5	12		M10 - 1	106,5	32	10	
100642	11	12	18	M9 - 1	152	29	8	
100643	11	12		M8 - 1	151	39.5	8	
100644	11	12	10	M10 - 1.25	72.3	24	12	
100645	11	12	17.5	M10 - 1	102.8	24	10	
100646	11	12		M10 - 1	133	28	10	
100650	11	12	14	M12 - 1.25	71	25	12	
100651	11	12		M10 - 1.25	153.5	31	12	
100652	4.4			M8 - 1	148.5	27	8	
100653	11	12		M10 - 1	179	20.8	12	

Glow Plug Relays



CARGO	Pre-heating time in sec. at +20 °C	Post heating		Temp. Measurement		Characteristic	CARGO	Pre-heating time in sec. at +20 °C	Post heating		Temp. Measurement		Characteristic
		W/	W/o	Int.	Ext.				W/	W/o	Int.	Ext.	
160416	< 8		✓	✓			160443	< 9		✓	✓		w/ "defect" warning.
160417	< 13		✓	✓			160446	< 9	✓			✓	w/ "defect" warning.
160418	< 8	✓		✓			160447	< 9	✓			✓	w/ "defect" warning.
160419	< 6	✓		✓			160449	< 7	✓		✓		Can replace Cargo 160441 and 160443 in connection w/ change to post heating glow plug.
160420	< 8	✓			✓								
160421	< 4	✓			✓								
160422	< 18		✓		✓		160451	< 7	✓			✓	
160423	< 14		✓	✓			160452				Technical specification on request.		
160424	< 8		✓	✓			160453		✓				
160425	< 9		✓	✓			160458	< 12	✓			✓	
160426	< 7	✓		✓			160459						Model UWD.
160427	< 14	✓		✓			160460			For engines w/ electronic diesel control.			
160428	< 8	✓		✓			160461						
160429	< 13		✓	✓			160464	< 5				✓	For engines w/ electronic diesel control.
160430	< 5	✓		✓									
160431	< 10		✓	✓									
160432	< 7	✓		✓			160469	< 5	✓		✓		
160433	< 9	✓			✓		160705	< 9	✓			✓	
160434	< 8	✓			✓		160706	< 9	✓			✓	
160435	< 12	✓			✓		160707	< 9	✓			✓	
160436	< 8	✓			✓		160718						
160438	< 10	✓					160719						
160439	< 5	✓					160795						
160441	< 9		✓	✓		w/ "defect" warning.							

Abbreviations, see first pages.

All measurements are in mm. unless else stated.

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

Lambda Sensors

Universal

CABLE SPECIFICATONS

COLOUR	CONNECTION
Black	Signal +
White	Pre heating +
White	Pre heating -
Grey	Signal -



181584 Universal Lambda Sensor
Servicing: Audi, BMW, Daewoo, Daihatsu, DeLorean, Fiat, Honda, Hyundai, Jaguar, Kia, Lancia, Lotus, Mazda, Mercedes-Benz
Type Universal, **Colour** Black,
Sensor diameter 21 mm,
Thread M18 x 1.5, **Pcs.** 1,



181585 Universal Lambda Sensor
Servicing: Alfa Romeo, Audi, Autobianchi, BMW, Chevrolet, Daimler, Ferrari, Fiat, Ford, Hyundai, Isuzu, Jaguar, Kia, Lancia, Mazda
Type Universal, **Colour** Black,
Sensor diameter 21.8 mm,
Thread M18 x 1.5 mm, **Connection** Signal,
Pcs. 3,



181586 Universal Lambda Sensor
Servicing: BMW, Chrysler, Citroen, Fiat, Jeep, Mazda, Mercedes-Benz, Peugeot, Renault, Seat, Skoda, Volvo, VW
Type Universal, **Colour** Black,
Sensor diameter 21.8 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 4,



181587 Universal Lambda Sensor
Servicing: Audi, Chrysler, Dodge, Fiat, Jeep, Mercedes-Benz, Nissan, Opel, Saab, Seat, Suzuki, Vauxhall, Volvo, VW
Type Universal, **Colour** Black,
Sensor diameter 21.8 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 3,



181588 Universal Lambda Sensor
Servicing: Alpina, Audi, Bentley, BMW, Citroen, Daewoo, Ferrari, Ford, Lada, Land Rover, Mazda, Mercedes-Benz, Opel, Peugeot
Type Universal, **Colour** Black,
Sensor diameter 21.8 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 4,



181589 Universal Lambda Sensor
Servicing: Alfa Romeo, Austin, BMW, Chrysler, Citroen, Ferrari, Fiat, Ford, Honda, Lancia, Land Rover, Mazda, Mercedes-Benz, MG
Type Universal, **Colour** Black,
Sensor diameter 21.8 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 4,



181590 Universal Lambda Sensor
Servicing: Aston Martin, Audi, BMW, Chevrolet, Chrysler, Citroen, Dacia, Daihatsu, Dodge, Ferrari, Fiat, Ford, Honda, Hyundai
Type Universal, **Colour** Black,
Sensor diameter 21.8 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 4,



181591 Universal Lambda Sensor
Servicing: Alfa Romeo, Audi, Bentley, BMW, Cadillac, Chevrolet, Citroen, Daewoo, Daihatsu, Fiat, Ford, Honda, Hyundai, Jeep, Kia
Type Universal, **Colour** Black,
Sensor diameter 17.6 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 4,



181592 Universal Lambda Sensor
Servicing: Alfa Romeo, Audi, Cadillac, Chrysler, Citroen, Dacia, Ferrari, Fiat, Ford, Honda, Lancia, Land Rover, Mercedes-Benz, MG
Type Universal, **Colour** Black,
Sensor diameter 17.6 mm,
Thread M18 x 1.5 mm, **Connection** Signal +,
Pcs. 4,

Accessories



180526 Gasket / Flange
Thread/hole I.D. M18

Air Mass Meters



181491 Air Mass Sensor
Servicing: Audi, Ford, Seat, Skoda, VW



181492 Air Mass Sensor
Servicing: Seat, VW



181493 Air Mass Sensor
Servicing: Audi, Ford, Seat, Skoda, VW



181494 Air Mass Sensor
Servicing: Alfa Romeo, Fiat, Lancia, Opel, Vauxhall



181495 Air Mass Sensor
Servicing: Rover, Volvo, Lancia, Toyota, Opel, Lada, Vauxhall., Alfa Romeo, Ferrari, Fiat, Honda, Lada, Lancia, Opel, Rover



181496 Air Mass Sensor
Servicing: Audi, Seat, VW



181497 Air Mass Sensor
Servicing: Audi, Seat, Skoda, VW



181498 Air Mass Sensor
Servicing: Land Rover



181500 Air Mass Sensor
Servicing: Landrover, Daewoo., BMW, Mercedes-Benz

MAP-Sensors



180557 Map sensor
Servicing: Alfa Romeo, Citroen, Daewoo, Fiat, Ford, Hyundai, Jeep, Kia, Lancia, Opel, Peugeot, Renault, Volvo
Pressure area 102 Kpa



180558 Map sensor
Servicing: Ford
Pressure area 100 Kpa,
Reference area 157.8 Hz



180559 Map Sensor
Servicing: Alfa Romeo, Citroen, Fiat, Iveco, Lancia, Peugeot
Pressure area 105 Kpa



181231 Map Sensor
Servicing: Audi, Bentley, Citroen

Temperature Sensors

Water



180804 7.3000 Water Temp. Transmitter
Servicing: Alfa Romeo, Fiat, Innocenti, Iveco, Lada, Lancia, Peugeot, Polski-Fiat, Seat, Zastava
Thread M16 - 1.5 cone

Pkg 10



180808 7.3005 Water Temp. Transmitter
Servicing: Daewoo, Opel
Thread 1/8 - 27NPT cone

Pkg 10



180820 7.3028 Water Temp. Transmitter
Servicing: Ford
Thread 1/8 - 27NPT cone
Replacing original yellow sensor.



180839 7.3073 Water Temp. Transmitter
Servicing: Audi, Seat, Volvo, VW
Thread M10 - 1



180848 7.3086 Water Temp. Transmitter
Servicing: Audi, Ford, Seat, VW
Replacing original black sensor.



180852 7.3091 Water Temp. Transmitter
Servicing: Volvo
Thread 5/8 - 18UNF
Replacing original black sensor.

Pkg 10



180878 7.3136 Water Temp. Transmitter
Servicing: Ford
Thread 1/8 - 27NPT cone
Replacing original green sensor.

Pkg 10



180883 7.3146 Water Temp. Transmitter
Servicing: Ford, Seat, Skoda, VW
Replacing original black and yellow sensor.



180893 7.3165 Water Temp. Transmitter
Servicing: Ford, Mazda
Thread 1/8 - 27NPT
Replacing original black sensor.



181397 7.3252 Water Temp. Transmitter
Servicing: Nissan, Opel, Renault
Thread M12 - 1.5



181400 7.3258 Water Temp. Transmitter
Servicing: Audi, Ford, Seat, Skoda, VW
Replacing original green sensor.



181402 7.3260 Water Temp. Transmitter
Servicing: Audi, Seat, Skoda, VW
Replacing original green and dark blue sensor.



181410 7.3278 Water Temp. Transmitter
Servicing: Audi, Ford, Mercedes-Benz, Seat, Skoda, VW
Replacing original black sensor.

Engine



180861 7.3101 Engine Management Temp. Transmitter
Servicing: Audi, Ford, Mercedes-Benz, Seat, VW
Thread M16 - 1
Replacing original blue sensor.



180875 7.3128 Engine Management Temp. Transmitter
Servicing: Alfa Romeo, BMW, Citroen, Fiat, Ford, Honda, Hyundai, Innocenti, Iveco, Lancia, Land Rover, MG, Opel, Peugeot, Rover
Thread M12 - 1.5
Replacing original blue sensor.

Pkg 10



180905 7.3191 Engine Management Temp. Transmitter
Servicing: Opel, Renault, Volvo
Thread M12 - 1.5
Replacing original white sensor.



181373 7.3308 Engine Management Temperature Transmitter
Servicing: Citroen, Fiat, Lancia, Peugeot
Thread M14 - 1.25.



181395 7.3239 Engine Management Temp. Transmitter
Servicing: Alfa Romeo, Citroen, Fiat, Iveco, Lancia, Opel, Peugeot, Saab
Thread M12 - 1.5
Replacing original light blue, white and black sensor.

w/ Warning Lights



160786 Temp. Transmitter
Servicing: Cargo 160699, 160778.
Thread 1/8" NPTF
 12/24V.

Pkg 10



180937 7.3524 Temp. Transmitter
Servicing: Citroen, DAF, Fiat, Lancia, Peugeot, Rover
Thread M14 - 1.25.,
Working temperature 120
Replacing original sensor w/ grey ring.



180941 7.3533 Temp. Transmitter
Servicing: Audi
Working temperature 125

Oil Pressure Sensors



160787 Oil Pressure Sensor
Servicing: Cargo 160700, 160779.
Thread 1/8" NPTF
 12/24V.



180702 7.0602 Oil Pressure Sensor
Servicing: Fiat, Innocenti, Lancia, Seat
Thread M14 - 1.5, **Working area** 0-8



180704 7.0605 Oil Pressure Sensor
Servicing: Alfa Romeo
Thread M10 - 1, **Working area** 0-8



180708 7.0621 Oil Pressure Sensor
Servicing: Audi, Seat, VW
Thread M10 - 1, **Working pressure** 0.6,
Working area 0 - 5

Trottle Position Sensors



180317 Throttle Sensor
Servicing: Alfa Romeo, Citroen, Fiat, Hyundai, Kia, Lancia, Opel, Peugeot, Renault, Saab, Toyota, Vauxhall, Volvo



180320 Throttle Sensor
Servicing: Mazda, Toyota

Timing Sensors

Crankshafts



150330 Crankshaft Position Sensor
Servicing: Alfa Romeo, Fiat, Lancia



150332 Crankshaft Position Sensor
Servicing: Fiat, Innocenti, Lancia



150333 Crankshaft Position Sensor
Servicing: Alfa Romeo, Fiat, Ford, Innocenti, Lancia, Maserati, Renault



150336 Crankshaft Position Sensor
Servicing: Peugeot, Volvo



150337 Crankshaft Position Sensor
Servicing: Renault, Volvo



150339 Crankshaft Position Sensor
Servicing: Volvo



150340 Crankshaft Position Sensor
Servicing: Renault



150342 Crankshaft Position Sensor
Servicing: Renault



150343 Crankshaft Position Sensor
Servicing: Citroen, Fiat, Lancia, Peugeot, Renault



150344 Crankshaft Position Sensor
Servicing: Renault



150351 Crankshaft Position Sensor
Servicing: BMW, Opel, Vauxhall



150353 Crankshaft Position Sensor
Servicing: Opel, Vauxhall



150354 Crankshaft Position Sensor
Servicing: Fiat, Lancia



150360 Crankshaft Position Sensor
Servicing: Audi



150361 Crankshaft Position Sensor
Servicing: Mercedes-Benz, Opel, Porsche, Saab, Seat, Vauxhall



150362 Crankshaft Position Sensor
Servicing: Fiat, Lancia



150365 Crankshaft Position Sensor
Servicing: Citroen, Hyundai, Kia, Peugeot



150366 Crankshaft Position Sensor
Servicing: Citroen, Peugeot



150369 Crankshaft Position Sensor
Servicing: Alfa Romeo, BMW



150370 Crankshaft Position Sensor
Servicing: Alfa Romeo, Lancia, Opel



150404 Crankshaft Position Sensor
Servicing: Ford, Nissan, Opel, Renault



150414 Crankshaft Position Sensor
Servicing: Nissan, Renault

Pkg 10



150442 Crankshaft Position Sensor
Servicing: Ford



150444 Crankshaft Position Sensor
Servicing: Audi, Ford, Seat, Skoda, VW



150445 Crankshaft Position Sensor
Servicing: Seat, VW



150448 Crankshaft Position Sensor
Servicing: Fiat, Lancia



150449 Crankshaft Position Sensor
Servicing: Opel, Vauxhall



150450 Crankshaft Position Sensor
Servicing: Opel, Vauxhall



150451 Crankshaft Position Sensor
Servicing: Alfa Romeo, Fiat, Lancia, Opel



150452 Crankshaft Position Sensor
Servicing: Alfa Romeo, Fiat, Lancia



150453 Crankshaft Position Sensor
Servicing: Audi, Seat, Skoda, VW



150454 Crankshaft Position Sensor
Servicing: Audi, Fiat, Lancia



150455 Crankshaft Position Sensor
Servicing: Citroen, Peugeot



150456 Crankshaft Position Sensor
Servicing: Citroen, Peugeot



150458 Crankshaft Position Sensor
Servicing: Hyundai



150460 Crankshaft Position Sensor
Servicing: Renault



150463 Crankshaft Position Sensor
Servicing: Audi, VW



150464 Crankshaft Position Sensor
Servicing: Audi, Skoda, VW



150465 Crankshaft Position Sensor
Servicing: Nissan, Opel, Renault, Suzuki, Volvo



150468 Crankshaft Position Sensor
Servicing: Opel, Vauxhall



150469 Crankshaft Position Sensor
Servicing: Opel, Vauxhall

Pkg 10

Pkg 10



150470 Crankshaft Position Sensor
Servicing: Audi, Seat, Skoda, VW



150471 Crankshaft Position Sensor
Servicing: Seat, Skoda, VW



150474 Crankshaft Position Sensor
Servicing: Opel, Vauxhall



150475 Crankshaft Position Sensor
Servicing: Citroen, Fiat, Lancia, Peugeot, Suzuki



150476 Crankshaft Position Sensor
Servicing: Skoda



150477 Crankshaft Position Sensor
Servicing: Audi, VW



150478 Crankshaft Position Sensor
Servicing: Citroen, Peugeot



150479 Crankshaft Position Sensor
Servicing: Citroen, Peugeot



150480 Crankshaft Position Sensor
Servicing: Citroen, Fiat, Peugeot



150481 Crankshaft Position Sensor
Servicing: Citroen, Peugeot, Renault



150482 Crankshaft Position Sensor
Servicing: Citroen, Peugeot



150485 Crankshaft Position Sensor
Servicing: Ford
Hall effect.



150491 Crankshaft Position Sensor
Servicing: Ford



150492 Crankshaft Position Sensor
Servicing: Renault



150497 Crankshaft Position Sensor
Servicing: Volvo



150502 Crankshaft Position Sensor
Servicing: Kia



150504 Crankshaft Position Sensor
Servicing: Opel, Vauxhall

Camshafts



150443 Camshaft Position Sensor
Servicing: Ford



150447 Camshaft Position Sensor
Servicing: Citroen, Peugeot
Hall effect.



150457 Camshaft Position Sensor
Servicing: Citroen, Fiat, Lancia, Peugeot
Hall effect.



150459 Camshaft Position Sensor
Servicing: Ford



150462 Camshaft Position Sensor
Servicing: Fiat, Lancia
Hall effect.



150472 Camshaft Position Sensor
Servicing: Hyundai
Hall effect.



150473 Camshaft Position Sensor
Servicing: Ford



150483 Camshaft Position Sensor
Servicing: Ford



150486 Camshaft Position Sensor
Servicing: Opel
Hall effect.



150487 Camshaft Position Sensor
Servicing: Opel, Vauxhall
Hall effect.



150488 Camshaft Position Sensor
Servicing: Alfa Romeo, Fiat, Lancia, Opel, Suzuki
Hall effect.



150489 Camshaft Position Sensor
Servicing: Audi, Seat, Skoda, VW
Hall effect.



150493 Camshaft Position Sensor
Servicing: Kia, Volvo
Hall effect.



150494 Camshaft Position Sensor
Servicing: Audi, Seat, Skoda, VW
Hall effect.



150495 Camshaft Position Sensor
Servicing: Audi, Seat, Skoda, VW
Hall effect.



150496 Camshaft Position Sensor
Servicing: Renault, Volvo
Hall effect.

Speed

Pkg 10



150446 Speed Sensor
Servicing: Ford



150461 Speed Sensor
Servicing: Audi, Seat, Skoda, VW



150466 Speed Sensor
Servicing: Audi, Seat, Skoda, VW

Pkg 10



150467 Speed Sensor
Servicing: Audi, Seat, Skoda, VW



150484 Speed Sensor
Servicing: Ford



150499 Speed Sensor
Servicing: Alfa Romeo, Lancia, Volvo



150500 Speed Sensor
Servicing: Volvo

Engine Revolution



150490 Engine Revolution Sensor
Servicing: Ford



150498 Engine Revolution Sensor
Servicing: Volvo

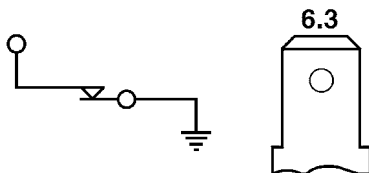


150501 Engine Revolution Sensor
Servicing: Volvo

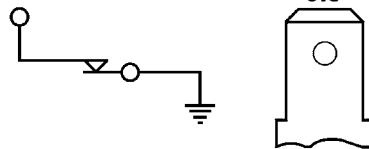


150503 Engine Revolution Sensor
Servicing: Mercedes-Benz, Puch, Puch (Steyr-Daimler)
Hall effect.

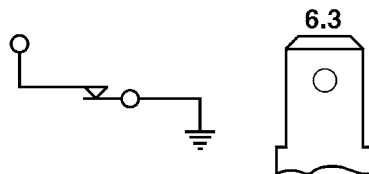
Oil Pressure Switches



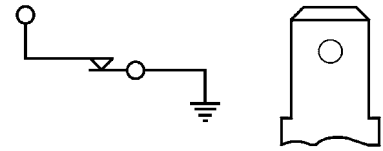
180626 Oil Pressure Switch
Thread M10 - 1 cone, **Pressure** 0.3 bar
Delivered in bulk.



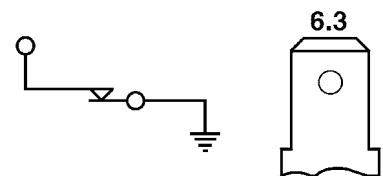
180630 7.0000 Oil Pressure Switch
Servicing: Alfa Romeo, Bedford, Fiat, Iveco, Lada, Lancia, Opel, Polski-Fiat, Seat, Subaru, Vauxhall, VW, Zastava
Thread M14 - 1.5, **Pressure** 0.3 bar



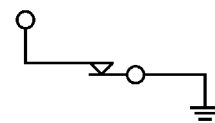
180631 7.0001 Oil Pressure Switch
Servicing: Fiat, Lancia, Seat
Thread M12 - 1.5, **Pressure** 0.3 bar



180634 7.0007 Oil Pressure Switch
Servicing: Alfa Romeo, Audi, BMW, Rover
Thread M10 - 1 cone, **Pressure** 0.3 bar
Cargo 180626 (Bulk).

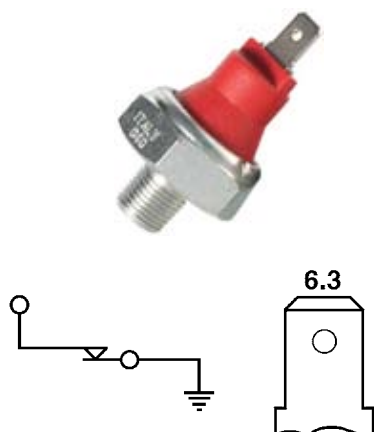


180635 7.0008 Oil Pressure Switch
Servicing: Alfa Romeo, Audi, Lancia, Seat, Volvo, VW
Thread M10 - 1, **Pressure** 0.3 bar
Replacing original brown switch.

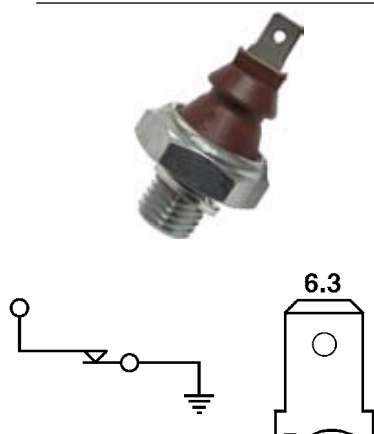


180636 7.0011 Oil Pressure Switch
Servicing: Ford, Mazda
Thread 1/4 - 18NPT cone, **Pressure** 0.3 bar

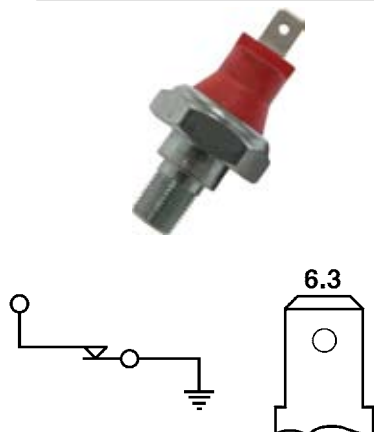
Pkg 10



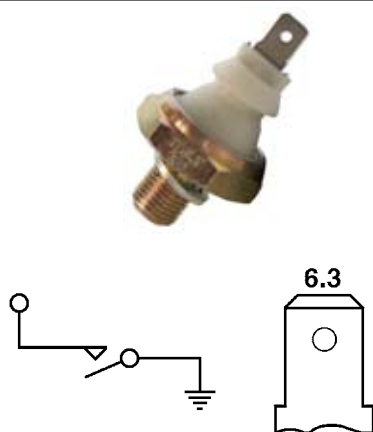
180641 7.0017 Oil Pressure Switch
Servicing: Acura, Chevrolet, Daewoo, Daihatsu, Ford, Hyundai, Kia, Mazda, Mitsubishi, Suzuki, Toyota, VW
Thread 1/8 GAS cone, **Pressure** 0.4 bar



180648 7.0026 Oil Pressure Switch
Servicing: BMW, Mercedes-Benz, Puch (Steyr-Daimler), Smart (MCC), VW
Thread M12 - 1.5, **Pressure** 0.35 bar
 Replacing original brown switch.

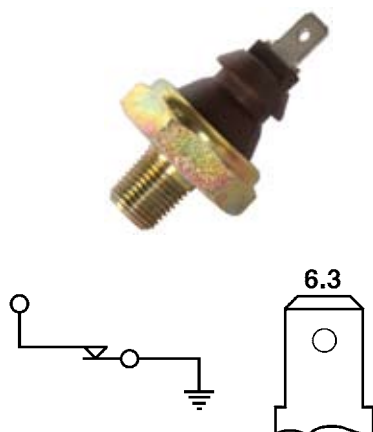


180649 7.0027 Oil Pressure Switch
Servicing: Austin, Rover
Thread 1/8 - 27NPT cone, **Pressure** 0.5 bar

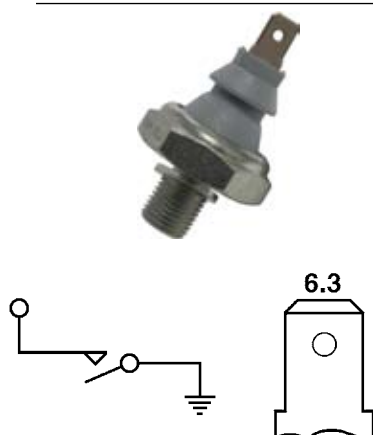


180658 7.0045 Oil Pressure Switch
Servicing: Audi, Seat, VW
Thread M10 - 1 mm, **Pressure** 1.8 bar
 Replacing original white switch.

Pkg 10



180660 7.0047 Oil Pressure Switch
Servicing: Volvo
Thread 1/8 - 27 NPT cone, **Pressure** 0.5 bar

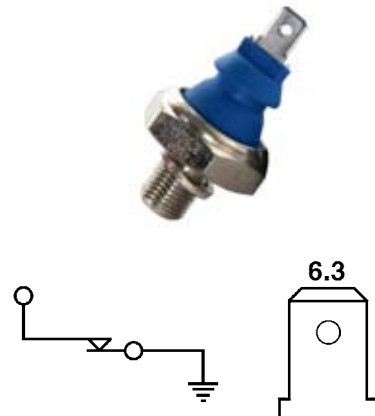


180688 7.0095 Oil Pressure Switch
Servicing: Audi, Ford, Seat, Skoda, VW
Thread M10 - 1 mm, **Pressure** 0.9 bar
 Replacing original brown and grey switch.

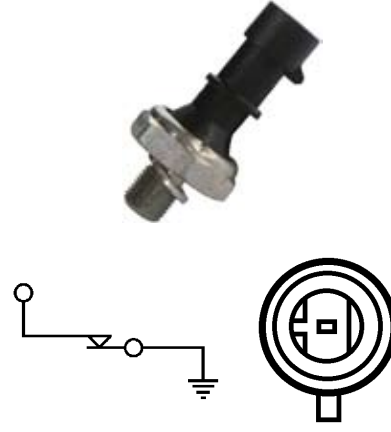


180689 7.0096 Oil Pressure Switch
Servicing: Alfa Romeo, Citroen, Fiat, Innocenti, Iveco, Lancia, Opel, Peugeot, Suzuki
Thread M14 - 1.5, **Pressure** 0.3 bar

Pkg 10



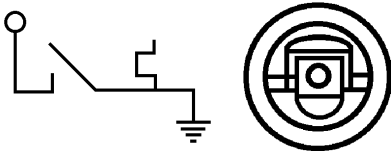
180694 7.0108 Oil Pressure Switch
Servicing: Audi, Ford, Mercedes-Benz, Renault, Seat, Skoda, Volvo, VW
Thread M10 - 1, **Pressure** 0.3 bar
 Replacing original light blue switch.



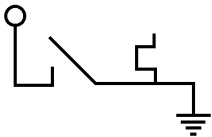
181341 7.0141 Oil Pressure Switch
Servicing: Opel, Vauxhall
Thread M10 - 1, **Pressure** 0.5 bar

Temperature Switches

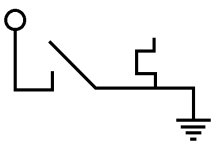
Pkg 10



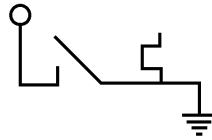
180945 7.4000 Temperature Switch
Servicing: Fiat, Lancia, Seat
Thread M16 - 1.5 cone,
Working temperature 115



180949 7.4007 Temperature Switch
Servicing: Audi
Thread M10 - 1, **Working temperature** 120

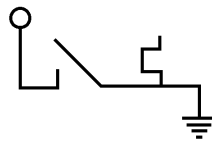


180950 7.4014 Temperature Switch
Servicing: Citroen, Fiat, Ford, Peugeot
Thread M18 - 1.5, **Working temperature** 105



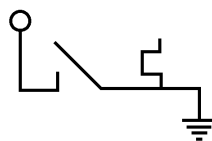
180951 7.4015 Temperature Switch
Servicing: Citroen, Peugeot
Thread M18 - 1.5, **Working temperature** 110

Pkg 10

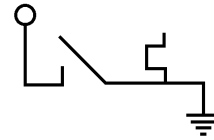


180953 7.4029 Temperature Switch
Servicing: Citroen, Ford, Peugeot
Thread M14 - 1.25.,
Working temperature 105

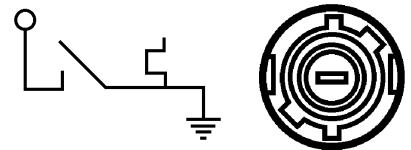
Pkg 10



180954 7.4030 Temperature Switch
Servicing: Citroen, Ford, Peugeot
Thread M14 - 1.25.,
Working temperature 110

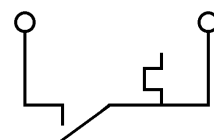


180959 7.4042 Temperature Switch
Servicing: Mercedes-Benz
Thread M14 - 1.5,
Working temperature 110

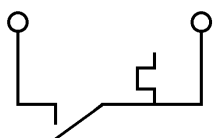


180963 7.4048 Temperature Switch
Servicing: Renault
Thread M14 - 1.25.,
Working temperature 120

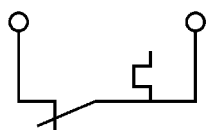
Pkg 10



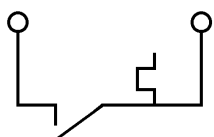
180969 7.4056 Temperature Switch
Servicing: Audi, VW
Thread M10 - 1, **Working temperature** 85



180985 7.4079 Temperature Switch
Servicing: Alfa Romeo
Thread M14 - 1.5,
Working temperature 45

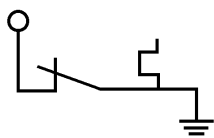


180986 7.4080 Temperature Switch
Servicing: Seat, VW
Thread M10 - 1,
Working temperature 120

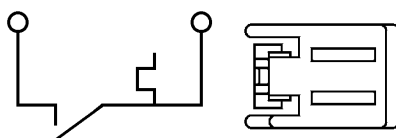


180988 7.4085 Temperature Switch
Servicing: Audi
Thread M10 - 1,
Working temperature 110

Pkg 10

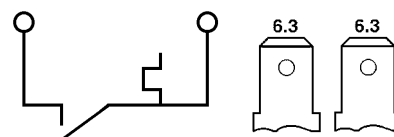


181000 7.4120 Temperature Switch
Servicing: Mercedes-Benz
Thread M14 - 1.5, **Working temperature** 60
Replacing original yellow switch.



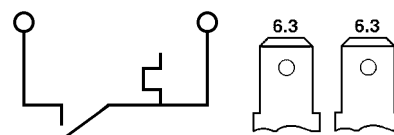
181416 7.4094 Temperature Switch
Servicing: Fiat
Thread M10 - 1.25

Thermo Sensor Switches



181001 7.5000 Thermo Sensor Switch
Servicing: Alfa Romeo, Fiat, Lada, Saab, Seat, Talbot, Zastava
Thread M22 - 1.5, **Working temperature** 87

Pkg 10

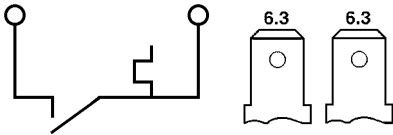


181005 7.5004 Thermo Sensor Switch
Servicing: Peugeot
Thread M22 - 1.5,
Working temperature 67

Abbreviations, see first pages.

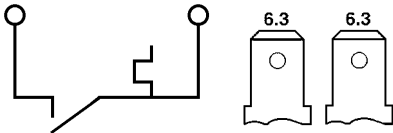
All measurements are in mm. unless else stated.

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



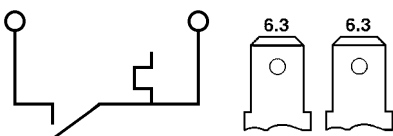
181008 7.5007 Thermo Sensor Switch
Servicing: Citroen, Ford, Peugeot, Renault, Talbot
Thread M22 - 1.5,
Working temperature 77

Pkg 10

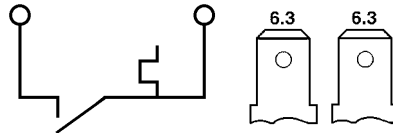


181009 7.5008 Thermo Sensor Switch
Servicing: Alfa Romeo, Peugeot, Renault
Thread M22 - 1.5,
Working temperature 75

Pkg 10

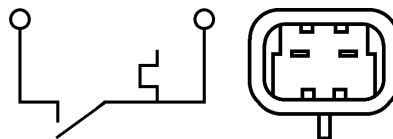


181014 7.5016 Thermo Sensor Switch
Servicing: Dacia, Peugeot, Renault
Thread M22 - 1.5,
Working temperature 82

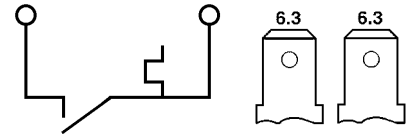


181015 7.5018 Thermo Sensor Switch
Servicing: Citroen
Thread M22 - 1.5,
Working temperature 81

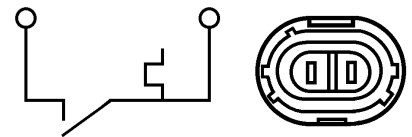
Pkg 10



181021 7.5031 Thermo Sensor Switch
Servicing: Alfa Romeo, Fiat, Innocenti, Iveco, Lancia
Thread M22 - 1.5,
Working temperature 87

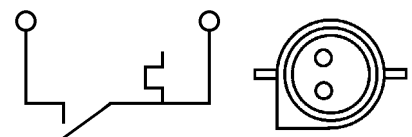


181034 7.5063 Thermo Sensor Switch
Servicing: BMW, Opel, Volvo
Thread M14 - 1.5,
Working temperature 90
Used w/ Cargo 181033.



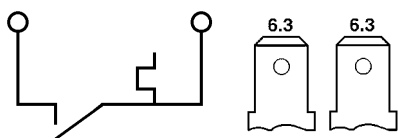
181064 7.5128 Thermo Sensor Switch
Servicing: Ford, Opel, Renault
Thread M22 - 1.5,
Working temperature 82

Pkg 10



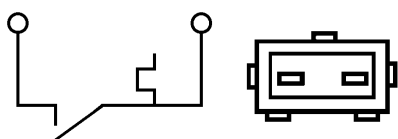
181065 7.5129 Thermo Sensor Switch
Servicing: Ford, Renault
Thread M22 - 1.5,
Working temperature 87
Replacing original grey switch.

Pkg 10



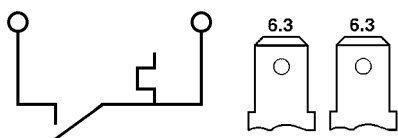
181073 7.5142 Thermo Sensor Switch
Servicing: Volvo
Thread M14 - 1.5, **Working temperature** 67

Pkg 10



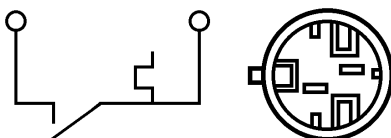
181076 7.5145 Thermo Sensor Switch
Servicing: Citroen, Fiat, Lancia, Opel, Peugeot
Thread M22 - 1.5, **Working temperature** 92
Replacing original switch w/ yellow ring.

Pkg 10

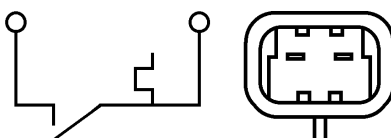


181077 7.5146 Thermo Sensor Switch
Servicing: Volvo
Thread M14 - 1.5, **Working temperature** 82

Pkg 10



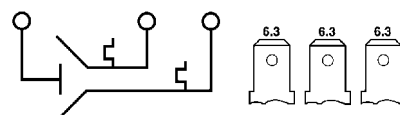
181088 7.5182 Thermo Sensor Switch
Servicing: Opel, Vauxhall
Thread M22 - 1.5, **Working temperature** 95



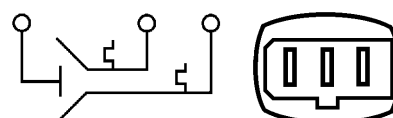
181089 7.5187 Thermo Sensor Switch
Servicing: Citroen, Fiat, Iveco, Lancia, Peugeot
Thread M22 - 1.5, **Working temperature** 87

Double Fan or two speed Motors

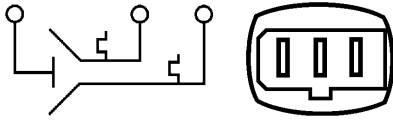
Pkg 10



181104 7.5604 Thermo Sensor Switch
Servicing: Alfa Romeo, Citroen, Peugeot
Thread M22 - 1.5, **Working temperature** 87-82,
Double fan Yes, **2 speed** Yes



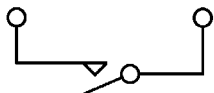
181121 7.5626 Thermo Sensor Switch
Servicing: Audi, VW
Thread M22 - 1.5, **Working temperature** 92-82,
Double fan Yes, **2 speed** Yes



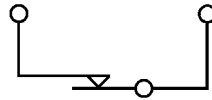
181126 7.5635 Thermo Sensor Switch
Servicing: Audi, Opel, Seat, Skoda, VW
Thread M22 - 1.5,
Working temperature 102-92,
Double fan Yes, **2 speed** Yes

Brake Light Switches

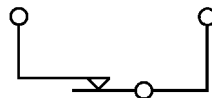
Mechanical



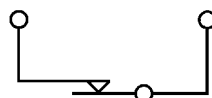
180008 Brake Light Switch
Type Mechanical



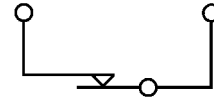
180009 Brake Light Switch
Type Mechanical



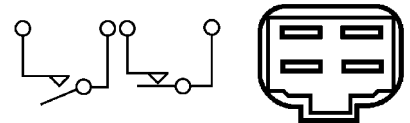
180726 7.1000 Brake Light Switch
Servicing: Alfa Romeo, Fiat, Iveco, Lada, Lancia, Polski-Fiat, Seat, Skoda, Zastava
Type Mechanical, **Thread** M12 - 1.5



180734 7.1014 Brake Light Switch
Servicing: BMW, Lada, Mercedes-Benz, Opel, Saab, Volvo
Type Mechanical, **Thread** M12 - 1



180746 7.1034 Brake Light Switch
Servicing: Austin, Ford, Land Rover, Rover
Type Mechanical, **Thread** 1/2 - 20UNF

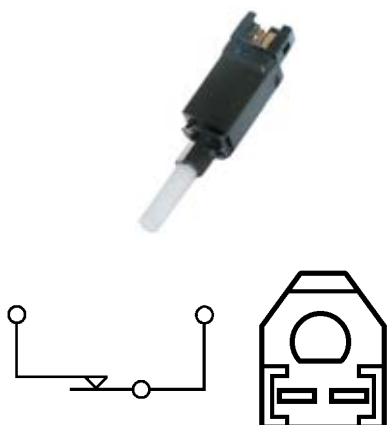


180751 7.1044 Brake Light Switch
Servicing: Acura, Daewoo, Honda, Kia, Mitsubishi, Opel, Ssangyong
Type Mechanical, **Thread** M10 - 1.25

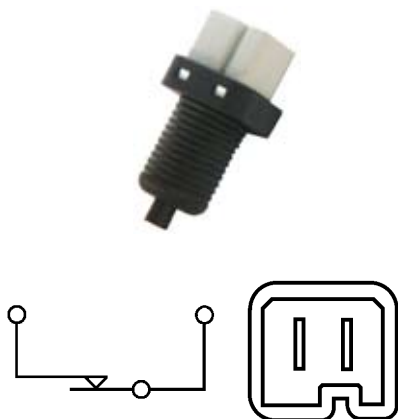
Pkg 10



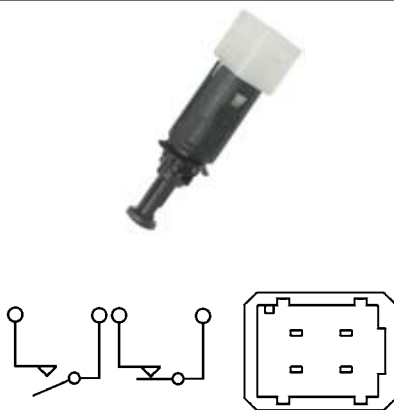
180753 7.1050 Brake Light Switch
Servicing: Daewoo, Land Rover, MG, Nissan, Opel, Volvo
Type Mechanical
Self-adjustable plunger.



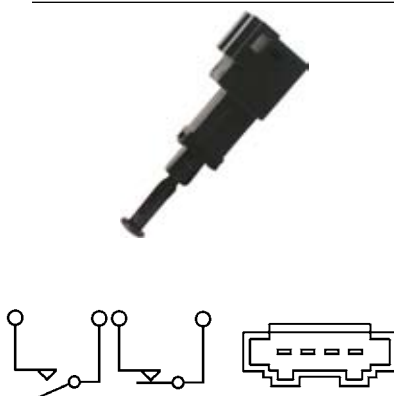
180757 7.1055 Brake Light Switch
Servicing: Audi, Ford, Seat, Skoda, VW
Type Mechanical
Self-adjustable plunger.



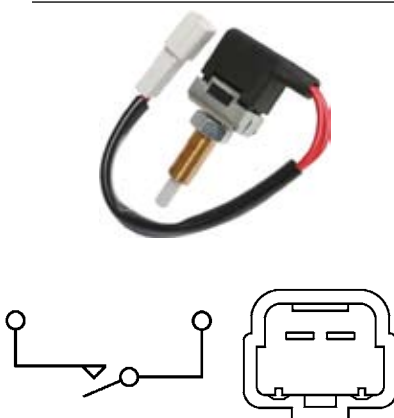
180785 7.1091 Brake Light Switch
Servicing: Citroen, Fiat, Lancia, Peugeot
Type Mechanical



181367 7.1149 Brake Light Switch
Servicing: Nissan, Renault
Type Mechanical
Self-adjustable plunger.



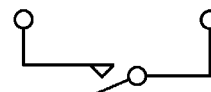
181369 7.1151 Brake Light Switch
Servicing: Audi, Ford, Seat, Skoda, VW
Type Mechanical
Self-adjustable plunger.



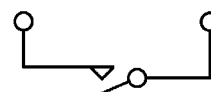
181379 7.1167 Brake Light Switch
Servicing: Hyundai
Type Mechanical, **Thread** M10 - 1.25

Hydraulic

Pkg 10



180790 7.1101 Brake Light Switch
Servicing: Austin, Fiat, Ford, Jaguar, MAN, MG
Type Hydraulic, **Thread** 1/8 - 27NPT cone



180791 7.1102 Brake Light Switch
Servicing: Audi, Porsche, Skoda, VW
Type Hydraulic, **Thread** M10 - 1 cone

Reverse Light Switches



181147 7.6007 Reverse Light Switch
Servicing: Ford, VW
Thread M14 - 1.5



181148 7.6009 Reverse Light Switch
Servicing: Austin, Rover, Seat, VW
Thread M12 - 1.5



181150 7.6011 Reverse Light Switch
Servicing: Opel
Thread M12 - 1.5



181152 7.6015 Reverse Light Switch
Servicing: Citroen, Fiat, Peugeot, Renault, Talbot
Thread M14 - 1.5



181156 7.6019 Reverse Light Switch
Servicing: Citroen, Fiat, Talbot
Thread M12 - 1



181158 7.6021 Reverse Light Switch
Servicing: Skoda
Thread M14 - 1



181165 7.6039 Reverse Light Switch
Servicing: Austin, Rover
Thread 3/8 - 16UNC



181179 7.6067 Reverse Light Switch
Servicing: Alfa Romeo, Fiat, Innocenti, Lancia
Thread M14 - 1.5



181182 7.6073 Reverse Light Switch
Servicing: Alfa Romeo, Chevrolet, Daewoo, Fiat, Lancia, MG, Mini, Opel, Rover, Saab, Suzuki
Thread M12 - 1.5



181183 7.6075 Reverse Light Switch
Servicing: M45G.
Thread M16 - 2



181191 7.6096 Reverse Light Switch
Servicing: DAF, Mitsubishi, Nissan, Opel, Renault, Volvo
Thread M14 - 1.5



181194 7.6099 Reverse Light Switch
Servicing: Audi, Citroen, Fiat, Lancia, Land Rover, Mini, Nissan, Peugeot, Rover, Skoda, VW
Thread M14 - 1.5



181197 7.6102 Reverse Light Switch
Servicing: Iveco
Thread M27 - 1 / M18 - 1.5



181201 7.6108 Reverse Light Switch

Servicing: Citroen, Fiat, Peugeot

Thread M14 - 1.5

Pkg 10



181205 7.6113 Reverse Light Switch

Servicing: Land Rover

Thread 3/8 - 16UNC



181212 7.6125 Reverse Light Switch

Servicing: Rover, Seat, Skoda, VW

Thread M12 - 1.5



181456 7.6215 Reverse Light Switch

Servicing: Audi, Ford, Seat, Skoda, VW

Thread M12 - 1.5



ASSORTMENTS

**Edition
2011/2012**

ISO 9001
BUREAU VERITAS
Certification



Assortment Box and Inserts

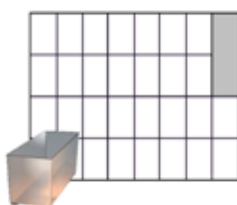


200663 Std pkg 6
Profi Service Case, empty.
Can be divided using inserts.
Dim.: 340 x 265 x 57 mm.
Polypropylene (Unbreakable).

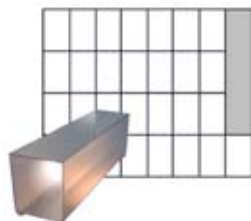
INSERTS FOR ASSORTMENT BOXES Polypropylene (Unbreakable)



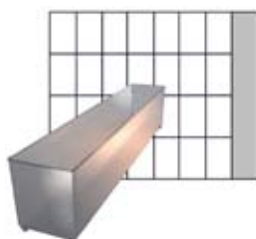
200664 Std pkg 96
Dim.: 55 x 40 x 45 mm.



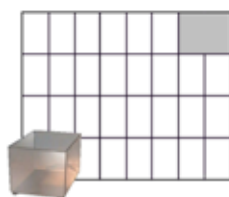
200665 Std pkg 48
Dim.: 110 x 40 x 45 mm.



200666 Std pkg 30
Dim.: 165 x 40 x 45 mm.



200667 Std pkg 24
Dim.: 220 x 40 x 45 mm.



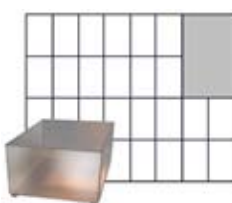
200668 Std pkg 48
Dim.: 55 x 80 x 45 mm.



200669 Std pkg 24
Dim.: 55 x 160 x 45 mm.



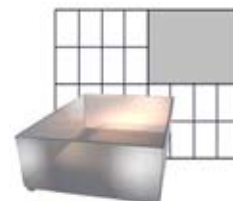
200670 Std pkg 15
Dim.: 55 x 240 x 45 mm.



200671 Std pkg 24
Dim.: 110 x 80 x 45 mm.



200672 Std pkg 12
Dim.: 220 x 80 x 45 mm.







200673 Std pkg 12
Dim.: 110 x 160 x 45 mm.



200676
Display for 4 Profi Service Cases.
Dim.: 330 x 360 x 200 mm



200693
Display for 4 Profi service cases.
Dim.: 313 x 373 x 265 mm
Can be assembled horizontally or vertically.

Sealing Rings II		806002
<div><div>Qty.</div><div><div>080018</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080019</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080020</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080021</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080022</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080024</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080025</div><div>Steel/rubber sealing rings</div><div>..... 20</div></div><div><div>080026</div><div>Asbestos/copper washers</div><div>..... 20</div></div><div><div>080027</div><div>Asbestos/copper washers</div><div>..... 20</div></div><div><div>080028</div><div>Asbestos/copper washers</div><div>..... 20</div></div><div><div>080029</div><div>Asbestos/copper washers</div><div>..... 20</div></div><div><div>080030</div><div>Asbestos/copper washers</div><div>..... 20</div></div></div>		
Throttle Shafts I - Repl. Bosch		806003
<div><div>Qty.</div><div><div>080136</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080139</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080140</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080141</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080142</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080143</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080144</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080145</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080146</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080154</div><div>Throttle shaft VE</div><div>..... 1</div></div><div><div>080166</div><div>Bushing, O-ring kit</div><div>..... 1</div></div><div><div>080169</div><div>Bushing, O-ring kit</div><div>..... 1</div></div><div><div>080170</div><div>Bushing, O-ring kit</div><div>..... 1</div></div></div>		
Thermal Washers		806011
<div><div>Qty.</div><div><div>080296</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080424</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080425</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080426</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080427</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080428</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080429</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080430</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080431</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080432</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080433</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080434</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080435</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080436</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080437</div><div>Thermal washers, aluminium..</div><div>..... 10</div></div><div><div>080438</div><div>Thermal washers, copper</div><div>..... 10</div></div></div>	<div><div>Qty</div><div><div>080439</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080440</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080441</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080442</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080443</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080444</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080446</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080447</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080448</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080449</div><div>Thermal washers, steel/asbestos</div><div>..... 10</div></div><div><div>080450</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080452</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080453</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080454</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080456</div><div>Thermal washers, copper</div><div>..... 10</div></div><div><div>080688</div><div>Thermal washers, copper</div><div>..... 10</div></div></div>	
Nozzle Holder Parts		806012
<div><div>Qty.</div><div><div>080331</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080332</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080333</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080334</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080335</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080336</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080337</div><div>Pins for nozzle holders</div><div>..... 2</div></div><div><div>080338</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080339</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080340</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080341</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080342</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080343</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080344</div><div>Injector spacers</div><div>..... 2</div></div></div>	<div><div>Qty.</div><div><div>080345</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080346</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080347</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080348</div><div>Injector spacers</div><div>..... 2</div></div><div><div>080353</div><div>Injector spacers</div><div>..... 2</div></div></div>	

Abbreviations, see first pages

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

ASSORTMENTS

Ring Nipples & Hose Sleeves

806015

		Qty.			Qty.
080259	Hose sleeves	10	080245	Double hose nipples	5
080260	Hose sleeves	10	080246	Double hose nipples	5
080261	Hose sleeves	10	080247	Double hose nipples	5
080262	Hose sleeves	10			
080263	Hose sleeves	10			
080264	Hose sleeves	10			
080265	Hose sleeves	10			
080237	Ring nipples	5			
080238	Ring nipples	5			
080239	Ring nipples	5			
080240	Ring nipples	5			
080241	Ring nipples	5			
080242	Ring nipples	5			
080243	Ring nipples	5			



Pipe Nipples & Brass Olives

806018

	Qty.
080269	Pipe nipples 3.0 mm 5
080270	Pipe nipples 4.0 mm 5
080271	Pipe nipples 6.0 mm 5
080272	Pipe nipples 8.0 mm 5
080273	Pipe nipples 10.0 mm 5
080287	Pipe connectors 12 x 1.5 mm ... 2
080288	Pipe connectors 14 x 1.5 mm ... 2
080289	Pipe connectors 16 x 1.5 mm ... 2
080281	Brass olives 10.1 mm 20
080277	Brass olives 4.1 mm 20
080278	Brass olives 5.1 mm 20
080279	Brass olives 6.1 mm 20
080280	Brass olives 8.1 mm 20
080268	Pipe bends 8.0 mm 5
080282	Brass olives 12.1 mm 20



Hollow Screws & Hose Nipples

806020

		Qty.			Qty.
080003	Hose nipples.....	3	080242	Hose nipples.....	3
080251	Hollow screws.....	5	080243	Hose nipples.....	3
080252	Hollow screws.....	5	080246	Double hose nipples.....	3
080253	Hollow screws.....	5	080247	Double hose nipples.....	3
080254	Hollow screws.....	5			
080255	Hollow screws.....	10			
080256	Hollow screws.....	10			
080257	Double hollow screws.....	10			
080258	Double hollow screws.....	10			
080237	Hose nipples.....	3			
080238	Hose nipples.....	3			
080239	Hose nipples.....	3			
080240	Hose nipples.....	3			
080241	Hose nipples.....	3			



Cotter Pins, Fork Heads & Joints

806022












		Qty.			Qty.
080662	Fork joint bolt 6 x 18	10	190638	Cotter pin 3.2 x 32	200
080663	Fork joint bolt 8 x 22	10	191587	Cotter pin 4.0 x 25	100
080664	Fork joint bolt 10 x 28	10	191577	Cotter pin 4.0 x 36	100
080665	Fork joint bolt 12 x 35	5			
080666	Fork joint bolt 14 x 40	5			
080843	Fork head 5 x 10.....	10			
080659	Fork head 6 x 12.....	10			
080660	Fork head 8 x 16.....	5			
080661	Fork head 8 x 32.....	5			
191575	Cotter pin 1.6 x 16	200			
190632	Cotter pin 2 x 32	200			
190633	Cotter pin 2 x 40	200			
190634	Cotter pin 2.5 x 25	200			
191576	Cotter pin 3.2 x 25	200			



Abbreviations, see first pages.

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Glow Plugs I			806023	
<div>Qty.</div> <div><div>100177</div><div>Glow plug.....</div><div>2</div></div> <div><div>100245</div><div>Glow plug.....</div><div>4</div></div> <div><div>100254</div><div>Glow plug.....</div><div>4</div></div> <div><div>100257</div><div>Glow plug.....</div><div>4</div></div> <div><div>100258</div><div>Glow plug.....</div><div>4</div></div> <div><div>100271</div><div>Glow plug.....</div><div>4</div></div> <div><div>100276</div><div>Glow plug.....</div><div>6</div></div> <div><div>100277</div><div>Glow plug.....</div><div>4</div></div> <div><div>100287</div><div>Glow plug.....</div><div>4</div></div> <div><div>100291</div><div>Glow plug.....</div><div>4</div></div> <div><div>100303</div><div>Glow plug.....</div><div>4</div></div> <div><div>100324</div><div>Glow plug.....</div><div>3</div></div> <div><div>100325</div><div>Glow plug.....</div><div>3</div></div> <div><div>100331</div><div>Glow plug.....</div><div>6</div></div> <td colspan="2"><div>Qty.</div><div><div>100511</div><div>Glow plug.....</div><div>6</div></div><div><div>100512</div><div>Glow plug.....</div><div>6</div></div><td></td></td>		<div>Qty.</div> <div><div>100511</div><div>Glow plug.....</div><div>6</div></div> <div><div>100512</div><div>Glow plug.....</div><div>6</div></div> <td></td>		
Solenoid Stops			806024	
<div>Qty.</div> <div><div>080177</div><div>Solenoid stop, 12 V.....</div><div>2</div></div> <div><div>080178</div><div>Solenoid stop, 24 V.....</div><div>1</div></div> <div><div>080207</div><div>Solenoid stop, 12 V.....</div><div>2</div></div> <div><div>080209</div><div>Solenoid stop, 12 V.....</div><div>1</div></div> <div><div>080210</div><div>Solenoid stop, 24 V.....</div><div>1</div></div> <div><div>080212</div><div>Solenoid stop, 12 V.....</div><div>1</div></div> <div><div>080595</div><div>Solenoid stop, 12 V.....</div><div>1</div></div> <td colspan="2"></td> <td></td>				
Adjustment Shims O.D. 9.40 mm. I.D. 4.0 mm. - Servicing CAV			806026	
<div>Qty.</div> <div><div>080901</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080902</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080903</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080904</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080905</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080906</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080907</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080908</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080909</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080910</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080911</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080912</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080913</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080914</div><div>Shims for nozzle holders</div><div>10</div></div> <td colspan="2"><div>Qty.</div><div><div>080915</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080916</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080917</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080918</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080919</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080920</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080921</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080922</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080923</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080924</div><div>Shims for nozzle holders</div><div>10</div></div><div><div>080925</div><div>Shims for nozzle holders</div><div>10</div></div><td></td></td>		<div>Qty.</div> <div><div>080915</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080916</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080917</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080918</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080919</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080920</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080921</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080922</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080923</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080924</div><div>Shims for nozzle holders</div><div>10</div></div> <div><div>080925</div><div>Shims for nozzle holders</div><div>10</div></div> <td></td>		
Throttle Shafts II - Repl. Bosch			806029	
<div>Qty.</div> <div><div>080161</div><div>Bushing for cover.....</div><div>5</div></div> <div><div>080162</div><div>Bushing for cover.....</div><div>3</div></div> <div><div>080163</div><div>Bushing for cover.....</div><div>5</div></div> <div><div>080164</div><div>Bushing for cover.....</div><div>5</div></div> <div><div>080165</div><div>Bushing for cover.....</div><div>5</div></div> <div><div>080232</div><div>Bushing for cover.....</div><div>3</div></div> <div><div>080123</div><div>Throttle shaft.....</div><div>1</div></div> <div><div>080141</div><div>Throttle shaft.....</div><div>1</div></div> <div><div>080755</div><div>Throttle shaft.....</div><div>1</div></div> <div><div>080828</div><div>Throttle shaft.....</div><div>1</div></div> <div><div>081112</div><div>Throttle shaft.....</div><div>1</div></div> <div><div>080420</div><div>O-ring for throttle shaft.....</div><div>20</div></div> <div><div>080098</div><div>Cover gasket</div><div>10</div></div> <div><div>080099</div><div>Cover gasket</div><div>10</div></div> <td colspan="2"><div>Qty.</div><div><div>080972</div><div>Cover gasket</div><div>10</div></div><div><div>080009</div><div>Sealing ring.....</div><div>100</div></div><td></td></td>		<div>Qty.</div> <div><div>080972</div><div>Cover gasket</div><div>10</div></div> <div><div>080009</div><div>Sealing ring.....</div><div>100</div></div> <td></td>		

ASSORTMENTS

Glow Plugs III

806030

	Qty.
100261 Glow plug.....	4
100335 Glow plug.....	4
100515 Glow plug.....	4
100527 Glow plug.....	4
100531 Glow plug.....	4
100532 Glow plug.....	4
100537 Glow plug.....	4
100538 Glow plug.....	4
100545 Glow plug.....	4
100555 Glow plug.....	4
100557 Glow plug.....	4
100563 Glow plug.....	4
100592 Glow plug.....	4
100593 Glow plug.....	4



Mechanical Brake Light Switches

808001

	Qty.
180008	1
180009	1
180726 M12-1.5	1
180727 M12-1.5	1
180728 M12-1.75	1
180729 M12-1.5	1
180730 M10-1.25	1
180731 M10-1.0	1
180734 M12-1.0	1
180735 M12-1.5	1
180736 M10-1.25	1
180738 M10-1.25	1
180740 M10-1.25	1
180747 M12-1.5	1

	Qty.
180749	1
180753 Self adjustable plunger	1
180760 Self adjustable plunger	1
180790 1/8"-27 NPT, cone, Hydraulic....	1
180791 M10-1.0, cone, Hydraulic.....	1



Water Temperature Sensors

808012

	Qty.
180804 M16-1.5, cone.....	1
180807 M10-1.0, cone.....	1
180808 1/8"-27NPT, cone.....	1
180810 M18-1.5	1
180811 M16-1.5	1
180812 1/8" 27NPT, cone	1
180814 1/8"-27NPT, cone.....	1
180820 1/8"-27NPT, cone.....	1
180824 M16-1.5	1
180826 M16-1.5	1
180827 M16-1.5	1
180829 5/8"-18UNF	1
180830 5/8"-18UNF	1
180832 1/8" GAS, cone	1
180833 1/8" GAS, cone	1

	Qty.
180834 M16-1.5	1
180835 M16-1.5	1
180837 M8-0.75	1
180838 1/8"-27NPT, cone.....	1
180839 M10-1.0	1
180840 M14-1.25	1
180841 M14-1.5	1
180842 M12-1.25	1
180846 1/8"-27NPT, cone.....	1
180848	1
180869 1/8"-27NPT, cone.....	1
180871 1/8"-27NPT, cone.....	1
180872	1
180877 1/8"27NPT, cone.....	1
180879 M14-1.5	1



Thermo Sensor Switches

808013

	Qty.
181001 M22-1.5, 92-87°	1
181005 M22-1.5, 82-67°	1
181006 M22-1.5, 92-87°	1
181008 M22-1.5, 87-77°	1
181009 M22-1.5, 85-75°	1
181015 M22-1.5, 86-81°	1
181017 M22-1.5, 95-90°	1
181018 M22-1.5, 95-90°	1
181021 M22-1.5, 92-87°	1
181060 M22-1.5, 100-95°	1
181062 3/8", 72-67°	1
181064 M22-1.5, 92-82°	1
181065 M22-1.5, 92-87°	1
181073 M22-1.5, 100-95°	1





	Qty.
181076 M22-1.5, 97-92°	1
181077 M14-1.5, 87-82°	1
181085 M14-1.5, 100-95°	1
181088 M22-1.5, 100-95°	1
181089 M22-1.5, 92-87°	1
181090 M16-1.5, 97-92°	1
181098 M14-1.5, 82-72°	1
181105 M22-1.5, 95-85°, 102-87°	1
181121 M22-1.5, 87-77°, 92-82°	1
181126 M22-1.5, 95-85°, 102-95°	1
181133 M22-1.5, 90-80°, 97-87 0176...	1
181141 M22-1.5, 95-90°, 100-95°	1






Abbreviations, see first pages.

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Engine Management Temperature Sensors			808016
<div>Qty.</div> <div>180861 M16-1.0 1</div> <div>180868 M12-1.5 1</div> <div>180873 M14-1.5 1</div> <div>180874 M12-1.5 1</div> <div>180875 M12-1.5 1</div> <div>180881 M12-1.5 1</div> <div>180884 M12-1.5 1</div> <div>180887 M12-1.5 1</div> <div>180895 M10-1.0 1</div> <div>180897 M14-1.5 1</div> <div>180905 M12-1.5 1</div> <div>180906 M12-1.5 1</div> <div>180918 3/8" 1</div> <div>180919 M10-1.0 1</div>		<div>Qty.</div> <div>181373 M14-1.25 1</div> <div>181395 M12-1.5 1</div>	
Air Mass Meters			808017
<div>Qty.</div> <div>090272 5 pin torx bits 1</div> <div>181491 Air mass meter 1</div> <div>181493 Air mass meter 1</div> <div>181494 Air mass meter 1</div> <div>181495 Air mass meter 1</div> <div>181496 Air mass meter 1</div> <div>181497 Air mass meter 1</div> <div>181499 Air mass meter 1</div> <div>181500 Air mass meter 1</div>			
Reverse Light Switches			808018
<div>Qty.</div> <div>181148 M12-1.5 1</div> <div>181149 M18-1.5 1</div> <div>181150 M12-1.5 1</div> <div>181152 M14-1.5 1</div> <div>181158 M14-1.0 1</div> <div>181160 M12-1.5 1</div> <div>181165 3/8" UNC..... 1</div> <div>181179 M14-1.5 1</div> <div>181182 M12-1.5 1</div> <div>181183 M16-1.5 1</div> <div>181184 1</div> <div>181191 M14-1.5 1</div> <div>181194 M14-1.5 1</div> <div>181197 M27-1.0, M18-1.5 1</div>		<div>Qty.</div> <div>181201 M14-1.5 1</div> <div>181205 3/8"-16 UNC 1</div> <div>181212 M12-1.5 1</div> <div>181451 1</div> <div>181453 M12-1.0 1</div> <div>181454 M20-1.5 1</div> <div>181456 M12x1.5..... 1</div>	
Ignition Module - European Applications			810001
<div>Qty.</div> <div>150055 Pick-up type, 7 terminals 1</div> <div>150056 Pick-up type, 7 terminals 1</div> <div>150057 Pick-up type, 5 terminals 1</div> <div>150062 Pick-up type, 4 terminals 1</div> <div>150063 Pick-up type, 8 terminals 1</div> <div>150064 Pick-up type, 6 terminals 1</div> <div>150088 Pick-up type, 5 terminals 1</div> <div>150075 Hall type, 7 terminals 1</div> <div>150175 Hall type, 7 terminals 1</div> <div>150098 Amplifier, 7 terminals 1</div> <div>150171 Amplifier, 5 terminals 1</div> <div>150384 Amplifier, 5 terminals 1</div>			

ASSORTMENTS

Ignition Module - Japanese Application		810002																									
<table><tr><td></td><td>Qty.</td></tr><tr><td>150068 Pick-up type, 5 terminals</td><td>1</td></tr><tr><td>150096 Pick-up type, 2 terminals</td><td>1</td></tr><tr><td>150091 Pick-up type, 2 terminals</td><td>1</td></tr><tr><td>150157 Pick-up type, 3 terminals</td><td>1</td></tr><tr><td>150160 Pick-up type, 4 terminals</td><td>1</td></tr><tr><td>150234 Pick-up type, 5 terminals</td><td>1</td></tr><tr><td>150235 Pick-up type, 6 terminals</td><td>1</td></tr><tr><td>150398 Pick-up type, 5 terminals</td><td>1</td></tr><tr><td>150168 Amplifier, 7 terminals</td><td>1</td></tr><tr><td>150236 Amplifier, 5 terminals</td><td>1</td></tr><tr><td>150377 Amplifier, 3 terminals</td><td>1</td></tr><tr><td>150378 Amplifier, 5 terminals</td><td>1</td></tr></table>		Qty.	150068 Pick-up type, 5 terminals	1	150096 Pick-up type, 2 terminals	1	150091 Pick-up type, 2 terminals	1	150157 Pick-up type, 3 terminals	1	150160 Pick-up type, 4 terminals	1	150234 Pick-up type, 5 terminals	1	150235 Pick-up type, 6 terminals	1	150398 Pick-up type, 5 terminals	1	150168 Amplifier, 7 terminals	1	150236 Amplifier, 5 terminals	1	150377 Amplifier, 3 terminals	1	150378 Amplifier, 5 terminals	1	
	Qty.																										
150068 Pick-up type, 5 terminals	1																										
150096 Pick-up type, 2 terminals	1																										
150091 Pick-up type, 2 terminals	1																										
150157 Pick-up type, 3 terminals	1																										
150160 Pick-up type, 4 terminals	1																										
150234 Pick-up type, 5 terminals	1																										
150235 Pick-up type, 6 terminals	1																										
150398 Pick-up type, 5 terminals	1																										
150168 Amplifier, 7 terminals	1																										
150236 Amplifier, 5 terminals	1																										
150377 Amplifier, 3 terminals	1																										
150378 Amplifier, 5 terminals	1																										
Pick-up Coils		810006																									
<table><tr><td></td><td>Qty.</td></tr><tr><td>150308 Pick-up, Hall</td><td>1</td></tr><tr><td>150402 Pick-up, Hall</td><td>1</td></tr><tr><td>150323 Pick-up coil</td><td>1</td></tr><tr><td>150324 Pick-up coil</td><td>1</td></tr><tr><td>150150 Pick-up coil</td><td>1</td></tr><tr><td>150309 Pick-up, Hall</td><td>1</td></tr><tr><td>150321 Pick-up, Hall</td><td>1</td></tr><tr><td>150328 Pick-up, Hall</td><td>1</td></tr><tr><td>150124 Pick-up only, Hall</td><td>1</td></tr></table>		Qty.	150308 Pick-up, Hall	1	150402 Pick-up, Hall	1	150323 Pick-up coil	1	150324 Pick-up coil	1	150150 Pick-up coil	1	150309 Pick-up, Hall	1	150321 Pick-up, Hall	1	150328 Pick-up, Hall	1	150124 Pick-up only, Hall	1							
	Qty.																										
150308 Pick-up, Hall	1																										
150402 Pick-up, Hall	1																										
150323 Pick-up coil	1																										
150324 Pick-up coil	1																										
150150 Pick-up coil	1																										
150309 Pick-up, Hall	1																										
150321 Pick-up, Hall	1																										
150328 Pick-up, Hall	1																										
150124 Pick-up only, Hall	1																										
Timing Sensors		810007																									
<table><tr><td></td><td>Qty.</td></tr><tr><td>150336 170 Ω</td><td>1</td></tr><tr><td>150340 240 Ω</td><td>1</td></tr><tr><td>150404 250 Ω</td><td>1</td></tr><tr><td>150366 370 Ω</td><td>1</td></tr><tr><td>150343 370 Ω</td><td>1</td></tr><tr><td>150361 530 Ω</td><td>1</td></tr><tr><td>150354 530 Ω</td><td>1</td></tr><tr><td>150332 780 Ω</td><td>1</td></tr></table>		Qty.	150336 170 Ω	1	150340 240 Ω	1	150404 250 Ω	1	150366 370 Ω	1	150343 370 Ω	1	150361 530 Ω	1	150354 530 Ω	1	150332 780 Ω	1									
	Qty.																										
150336 170 Ω	1																										
150340 240 Ω	1																										
150404 250 Ω	1																										
150366 370 Ω	1																										
150343 370 Ω	1																										
150361 530 Ω	1																										
150354 530 Ω	1																										
150332 780 Ω	1																										

Abbreviations, see first pages.

All measurements are in mm. unless else stated.

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



CROSS REFERENCE LIST

OE No. - Cargo No.

**Edition
2011/2012**



Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
ACE		605229970	150055	0100221154	100261	0100226458	100537
S-5350	150407	605460910	070053	0100221162	100331	0100226460	100538
AGRI		605581530	150379	0100221163	100511	0100226461	100539
60079	100511	608114715	181395	0100221167	100511	0100226474	100527
ALFA ROMEO		113540402100	070054	0100221168	100302	0100226475	100283
510621	180630	116110402100	070053	0100221170	100320	0100226480	100590
705786	150055	116460102100	070054	0100221186	100245	0100226482	100527
773592	100511	116460402100	070054	0100221311	100295	0100226489	100594
5944390	150330	116976507900	150065	0100221806	100566	0100226495	100628
7793212	150437	116976507901	150055	0100222101	100258	0100226497	100555
9946866	180875	119110402100	070053	0100222301	100583	0100230101	100249
46072001	100511	162064501000	160428	0100226125	100251	0100230102	100252
46410523	181179	5421620000000	150055	0100226128	100332	0100231107	100259
46451951	100534	105480632302/00	180704	0100226129	100307	0100231114	100282
46469863	150438	116080632300/00	180704	0100226134	100512	0100266002	100641
46469865	181395	116970632300/00	180704	0100226163	100294	0100266004	100625
46469866	150452	AMC		0100226164	100512	0100266008	100624
46469917	181495	3230451	150281	0100226171	100306	0100266009	100625
46472179	181395	8131941	150058	0100226172	100436	0100267003	100643
46481639	150451	8134117	150062	0100226173	100512	0100271101	100614
46481640	150488	8983501087	150063	0100226175	100327	0100271103	100614
46533308	181495	BCD		0100226180	100257	0100276002	100622
46548037	150246	2665	090151	0100226182	100270	0100276003	100643
46755605	150440	2723	090389	0100226184	100323	0100276004	100593
46806128	150451	1706/5	090235	0100226185	100511	0100276005	100622
60504190	180630	1947/6	090187	0100226186	100511	0100276006	100622
60506902	180634	1947/6	090187	0100226188	100335	0100276007	100627
60506988	181009	1947/6	090187	0100226189	100329	0100276008	100627
60507256	180704	1947/6	090187	0100226190	100303	0100276015	100642
60507261	180704	1947/6	090187	0100226194	100287	0100800031	100653
60512971	150330	2670/1	090314	0100226198	100303	0101022604	100177
60513205	180875	BERLIT		0100226199	100333	0101072405	100580
60513208	150370	3005810	090076	0100226203	100561	0101072603	100177
60516857	180704	3020500	090227	0100226207	100292	105MN	100511
60533503	181104	3020501	090016	0100226208	100426	137MJ	100086
60537203	180985	3020510	090075	0100226209	100299	141MJ	100512
60549313	180317	25838009	090202	0100226210	100339	151MJ	100511
60549359	150252	25838030	090075	0100226227	100436	154GS	100177
60564432	181001	BERU		0100226229	100511	161MJ	100511
60572239	150330	0040100013	150428	0100226233	100528	162MJ	100512
60585603	181021	0040100234	150252	0100226234	100331	348GK	100079
60586072	150252	0040100259	150521	0100226235	100327	382GK	100079
60593845	180689	0040102038	150523	0100226237	100512	502MJ	100245
60593846	180634	0100100305	100079	0100226238	100529	511MJ	100249
60593847	180630	0100101308	100079	0100226242	100283	512MJ	100252
60595694	180634	0100220101	100512	0100226243	100260	513MJ	100247
60596245	100511	0100220103	100512	0100226245	100532	514MJ	100254
60596248	180704	0100220114	100251	0100226248	100531	515MJ	100258
60701852	180726	0100220118	100271	0100226250	100337	517MJ	100280
60725114	180704	0100220119	100271	0100226256	100538	518MJ	100259
60750065	150055	0100220206	100086	0100226260	100537	551MJ	100251
60800167	180875	0100221102	100511	0100226284	100587	555MJ	100260
60805420	150246	0100221103	100511	0100226299	100432	557MJ	100257
60805536	180630	0100221105	100512	0100226300	100544	570MJ	100270
60806108	181179	0100221106	100511	0100226301	100565	571MJ	100271
60807244	180689	0100221107	100511	0100226312	100591	576MJ	100276
60807764	180630	0100221108	100303	0100226336	100515	577MJ	100277
60808223	181021	0100221109	100511	0100226338	100538	580MJ	100280
60808371	180689	0100221112	100511	0100226344	100533	581MJ	100281
60809492	150246	0100221114	100511	0100226345	100540	582MJ	100282
60809606	150252	0100221118	100511	0100226351	100646	583MJ	100283
60810259	181179	0100221125	100294	0100226353	100539	587MJ	100287
60811198	180317	0100221128	100511	0100226354	100320	588MJ	100288
60811423	181179	0100221132	100303	0100226362	100536	591MJ	100291
60811534	180557	0100221133	100511	0100226365	100539	592MJ	100292
60813321	180689	0100221135	100511	0100226367	100531	601MJ	100511
60813687	180804	0100221141	100284	0100226372	100534	603MJ	100511
60814507	180559	0100221144	100303	0100226373	100436	604MJ	100303
60816553	150451	0100221145	100303	0100226375	100592	605MJ	100511
605042880	150055	0100221146	100303	0100226379	100537	607MJ	100511
605078062	160428	0100221147	100246	0100226384	100565	609MJ	100511
605078070	160428	0100221148	100256	0100226385	100561	611MJ	100295
605139290	160428	0100221149	100253	0100226391	100639	613MJ	100511
605183220	070054	0100221151	100260	0100226395	100537	624MJ	100294
605219920	070054	0100221152	100248	0100226397	100538	626MJ	100295
				0100226417	100594	627MJ	100511
				0100226419	100537	631MJ	100303
				0100226422	100595	633MJ	100511

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
636MJ	100511	GN027	100533	12131703359	150250	0221118329	150258
642MJ	100511	GN030	100639	12131703825	150427	0221122031	150210
654MJ	100511	GN033	100594	12131726177	150250	0221122349	150192
657MJ	100284	GN035	100595	12131726178	150250	0221502431	150257
661MJ	100303	GN037	100643	12131727108	150250	0221502433	150258
666MJ	100303	GN041	100645	12131730765	150250	0221503001	150519
673MJ	100246	GN042	100590	12131731884	150250	0221503003	150260
678MJ	100256	GN043	100283	12131734468	150250	0221503005	150422
685MJ	100253	GN045	100622	12131748017	150427	0221503014	150524
688MJ	100260	GN046	100527	12131748018	150427	0221503407	150252
689MJ	100248	GN047	100593	12139066468	150250	0221503417	150253
705MJ	100261	GN053	100627	12141244089	150056	0221504004	150427
718MJ	100331	GN059	100642	12141244191	150056	0221504006	150423
719MJ	100545	GN103	100628	12141244226	150056	0221504014	150436
725MJ	100436	GN104	100555	12141244477	150056	0221504410	150250
727MJ	100511	GN109	100653	12141244481	150056	0221505437	150425
730MJ	100320	GN855	100436	12141266702	150055	0221505438	150425
749MJ	100245	GN858	100331	12141273217	150055	0221506002	150424
783MJ	100307	GN898	100587	12141273298	150055	0221506003	150424
798MJ	100332	GN912	100335	12141274698	150055	0221506444	150424
819MJ	100616	GN917	100329	12141461441	150379	0221506445	150424
823MJ	100614	GN939	100561	12141726066	150369	0221600005	150098
844MJ	100512	GN955	100528	12232248059	100536	0221600006	150056
852MJ	100294	GN961	100337	12237786869	100641	0221600007	150098
853MJ	100306	GN963	100532	12411266702	150055	0221600008	150056
854MJ	100306	GN967	100283	13621284397	180875	0221600009	150098
855MJ	100436	GN970	100650	13621401945	180875	0221600010	150098
857MJ	100512	GN992	100544	13621422567	181500	0221600011	150056
858MJ	100331	GN993	100565	13621433565	181500	0221600012	150098
860MJ	100327	GR001	160420	13621709966	180875	0221600013	150098
885MJ	100280	GR031	160421	13622247074	181500	0221600015	150055
886MJ	100257	GR034	160432	13627787076	181500	0221600015	150098
887MJ	100249	GR049	160442	13631273139	160416	0221600017	150055
889MJ	100251	GR054	160436	13712247002	181500	0221600052	150055
890MJ	100252	GR059	160423	16121115862	070053	0221600053	150173
892MJ	100254	GR061	160451	16141178751	070053	0221600057	150173
894MJ	100258	GR062	160439	16141179232	070053	0221600060	150173
895MJ	100259	GR063	160452	61311243414	180648	0221601001	150231
897MJ	100270	GR064	160416	61311350645	180734	0221601002	150231
905MJ	100323	GR065	160424	61311351799	180634	0221601003	150227
909MJ	100511	GR066	160425	61311354272	180648	0221601004	150227
912MJ	100335	GR067	160438	61311354273	180648	0221601005	150227
917MJ	100329	GV107	100583	61311354274	180648	0221601006	150228
918MJ	100303	GV155	100566	61311357073	181034	0221601007	150228
920MJ	100271	GV626	100295	61311364272	181034	0221601012	150517
921MJ	100287	GV657	100284	61311368786	180734	0221601452	150226
928MJ	100333	GV666	100303	61311378830	180734	0221603006	150396
945MJ	100299	GV823	100614	61311379830	180734	0221603006	150435
946MJ	100292	GV889	100251	61661367616	160197	0221603009	150396
947MJ	100426	GV920	100271	61661368569	160197	0221603009	150435
948MJ	100339	GV968	100260	61661368585	160197	0221603010	150396
950MJ	100436	ZM001	150055	61661368589	160197	0221603010	150435
954MJ	100511	ZM002	150056	61661380066	160680	0221604008	150514
961MJ	100337	ZM003	150057	64116923204	160765	0227010001	150056
966MJ	100531	ZS038	150523	64116929486	160765	0227010003	150098
967MJ	100283	ZS234	150252	64116931680	160765	0227010005	150098
968MJ	100291	ZS259	150521	64118364173	160765	0227010006	150098
969MJ	100282			64118372493	160517	0227010009	150098
996MJ	100615	BMW		64118377579	160765	0227010039	150098
997GN	100591	1115862	070053	64118383835	160765	0227100023	150154
999MJ	100529	1179232	070053	64118385549	160765	0227100024	150154
GE100	100624	1317232	150250	64118390851	160517	0227100029	150058
GE101	100625	1354273	180648			0227100042	150154
GE102	100641	1364272	181034	BOMAG		0227100043	150154
GF859	100580	1703227	150427	05716363	090015	0227100100	150056
GN003	100537	1727108	150250	05716370	090075	0227100101	150056
GN005	100515	1730520	150250	05726781	090076	0227100102	150055
GN007	100527	1734468	150250			0227100103	150056
GN008	100538	1748017	150427	BOSCH		0227100104	150056
GN010	100539	1748018	150427	0130007001	160674	0227100110	150055
GN012	100540	7786869	100641	0130063008	160626	0227100111	150055
GN013	100541	12121286059	100511	0130063013	160626	0227100112	150055
GN016	100335	12121288161	100511	0130063015	160626	0227100113	150056
GN017	100534	12131247281	150422	0130063032	160626	0227100114	150154
GN018	100436	12131317232	150250	0130111003	160622	0227100115	150154
GN019	100592	12131402440	150250	0130111134	160734	0227100116	150056
GN022	100531	12131402713	150250	0130111162	160710	0227100118	150056
GN024	100536	12131404102	150250	0130111164	160767	0227100120	150074
GN026	100646	12131703228	150427	0210010001	160420	0227100121	150397

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
BOSCH continued							
0227100122	150397	0250201022	100640	0250202121	100559	0280218032	181491
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0227100124	150098	0250201027	100545	0250202128	100646	0280218034	181491
0227100126	150154	0250201029	100294	0250202129	100592	0280218035	181491
0227100129	150154	0250201031	100512	0250202130	100561	0280218037	181494
0227100136	150154	0250201032	100512	0250202131	100559	0280218051	181495
0227100137	150056	0250201033	100511	0250202254	100614	0280218063	181491
0227100138	150056	0250201035	100327	0250203001	100642	0280218064	181491
0227100139	150056	0250201036	100333	0250203004	100622	0280218100	181491
0227100140	150057	0250201037	100332	0250204001	100593	0280218101	181491
0227100142	150075	0250201038	100339	0250312001	100302	0280218108	181495
0227100143	150075	0250201039	100511	0250312002	100326	0280218471	181491v
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0227100147	150075	0250201042	100541	0250312007	100510	0281002169	181395
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O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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0333402512	160420	0440008037	090020	0986284009	181491	FP/KD22P8	090075
0333402513	160425	0440008045	090020	0986345001	180641	FP/KD22P80	090075
0333402515	160442	0440008049	090019	0986345008	180641	FP/KD22P81	090075
0333402516	160442	0440008051	090075	0986345017	180641	FP/KE22AD112/2	090202
0333402517	160424	0440008054	090020	1120940048	181500	FP/KE22AD174/2	090015
0333402520	160428	0440008059	090019	1137101025	150057	FP/KE22AD174/4	090015
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0344101033	180634	0440008071	090019	1227010004	150056	FP/KE22AD207/4	090015
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0344101056	180634	0440008089	090198	1227010014	150065	FP/KE22AD244/2	090015
0344101060	180631	0440011002	080793	1227010039	150098	FP/KE22AD246/2	090202
0344101067	180630	0440011007	080793	1227022003	150065	FP/KE22AD247/2	090015
0344101071	180636	0450126957	090167	1227022008	150056	FP/KE22AD247/2H	090015
0344101082	180635	0450133186	090381	1227022017	150057	FP/KE22AD249/2	090202
0344101085	180634	0450906455	090411	1227022018	150057	FP/KE22AD252/2	090015
0344101086	180636	0455126043	090167	1227022028	150173	FP/KE22AD252/4	090015
0390242409	160704	0455522043	090167	1227022030	150171	FP/KE22AD265/2	090202
0392020024	070192	0580453076	070053	1227022031	150057	FP/KE22AD278/2	090015
0392020026	070206	0580463010	070053	1227022034	150226	FP/KE22AD279/2	090015
0392020034	070203	0580463011	070053	1227030030	150171	FP/KE22AD281/2H	090015
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0440003148	090202	0580464008	070053	1237010014	150065	FP/KE22AD297/2	090202
0440003176	090202	0580464010	070053	1237010028	150057	FP/KE22AD301/2	090202
0440003177	090015	0580464011	070053	1237010029	150057	FP/KE22AD305	090015
0440003182	090202	0580464013	070053	1237010031	150057	FP/KS22AD15	090016
0440003184	090202	0580464014	070053	1237010038	150057	FP/KS22AD15/3	090016
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0440003188	090015	0580464016	070053	1455523028	090166	FP/KS22AD25/4	090016
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0440003233	090202	0580464042	070054	9220067031	150077	HB9440030013	090202
0440003236	090015	0580464044	070054	9220067032	150077	HB9440030014	090202
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0440004034	090016	0986221011	150428	FP/K22BC47/2H	090227	080706	090167
0440004042	090016	0986221023	150509	FP/K22P22	090020	080999	080595
0440004043	090016	0986221024	150508	FP/K22P31	090020	090132	090167
0440004047	090016	0986280206	181491	FP/K22P36	090020	090220	090151
0440004052	090016	0986280208	181491	FP/K22P39	090020	100012	080292
0440004058	090016	0986280210	181491	FP/K22P48	090020	100023	080295
0440004064	090016	0986280211	181491	FP/K22P60	090020	100082	100512
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0440008007	090020	0986280230	181494	FP/KD22P12	090075	100242	100511
0440008010	090075	0986280231	181495	FP/KD22P20	090075	100244	100303
0440008018	090075	0986284002	181491	FP/KD22P33	090075	100255	100260
0440008020	090020	0986284004	181497	FP/KD22P51	090019	100285	100303
0440008029	090020	0986284005	181497	FP/KD22P52	090019	100289	100303

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CARGO continued		CASE		CH		DAEWOO	
100293	100511	904374	090156	CH104	100259	3904374	090156
100296	100331			CH110	100245	3918076	090251
100300	100511			CH121	100256	3928143	090156
100308	100511	CAV		CH137	100511	3928144	090250
100314	100303	1854040	100177	CH144	100521	3928144	090250
100315	100511	5836B320	090194	CH147	100303	3936316	090391
100317	100436	5864-002	090145	CH152	100644	3936320	090390
100318	100512	5864-003	090146	CH154/002	100260	93151814	090388
100319	100511	5936-332C	080352	CH156	100331	93151818	090387
100322	100512	6223-001	080071	CH159	100511	93151910	090251
100328	100534	6223-004	090159	CH160	100512	DW803	090251
100334	100531	7111-353	090320	CH166	100534	DW803	090251
100338	100303	7111-353AS	090071	CH167/002	100650	DAEWOO	
100511	100511	7111-353AZ	090404	CH172	100529	03439088	180808
100526	100303	7111-353BH	090345	CH184	100436	16137039	180557
100542	100335	7111-353BR	090346	CH185	100335	90196375	180753
150174	150065	7111-353BV	090072	CH190	100544	90245033	181182
150222	150221	7111-429	090073	CH196/002	100565	92927023	070053
150290	150192	7123-252A	080848	CH203/002	100536	96192077	181182
150290	150381	7123-252B	080848	CH205	100531	DAF	
150349	150343	7123-351A	080038	CH207/002	100544	165802	090015
160027	160323	7123-351B	080038	CH209	100639	229367	090020
160029	160321	7167-620A	080595	CH215/002	100538	245339	090202
160030	160323	7167-620B	080207	CH216/002	100540	248252	090015
160044	160333	7167-620C	080212	CH218	100537	511756	090020
160134	160326	7167-620D	080212	CH219/002	100539	608264	090015
160135	160328	7180-49A	080211	CH222/002	100645	1353958	100511
160254	160250	7180-49B	080211	CH224/002	100642	CBU1099	090156
160254	160250	7180-49C	080210	CH60	100512	CBU1099	090156
160254	160250	7180-49D	080210	CH603	100555	CBU1099	090156
160254	160250	7182-580A	080757	CH61	100079	DAIHATSU	
160254	160250	7185-900G	080995	CH62	100284	19850-64010-000	100257
160318	160389	7185-900H	080996	CH63	100511	19850-68060-000	100259
160319	160389	7185-900K	080211	CH66	100086	19850-87701-000	100257
160320	160389	7185-900P	080210	CH68	100511	19850-87702-000	100283
160369	160326	7185-900T	080212	CH69	100511	19850-87703-000	100281
160371	160326	7185-900W	080595	CH70	100284	19850-97309-000	100256
160465	160426	7240-20A	080848	CH79	100303	83530-14030-000	180641
160505	160031	7240-20B	080038	CH8	100511	83530-87705	180641
160582	160596	9001-088	080703	CH84	100614	83530-87705-000	180641
180816	180839	9001-090A	080070	CH87	100511	DELPHI	
181116	181104	9001-142	090381	CH88	100511	0014603	180340
181399	181400	9001-742A	090316	CH90	100320	0014610	180341
181401	181402	9001-742B	090316	CH94	100246	0014644	180339
184010	808012	9001-742G	090316	CH95	100257	290125	180229
804001	808001	9009-041	080207	CH97	100261	300403	180045
804002	810002	9009-049	080207	CH98	100253	300711	180324
804003	810001	9009-050	080208	CHRYSLER		327052	180025
804004	810002	9009-073	080207	4686062	160428	327352	180043
804007	808013	9041-144H	080070	05175756AA	100652	327432	181518
B180634	180626	9100-328D	081118	5101122AA	150503	327452	180027
G804001	808001	9100-560	080969	MD112479	150377	328062	180041
G804003	810001	9100-560S	080969	MD607478	150068	330262	180044
G804004	810002	9100-561A	080752	MD607814	150096	330290	181595
G804007	808013	9100-742G	090203	MD611384	150096	1854060	100600
G804010	808012	9100-827F	081121	T0701130	100511	1854090	100601
G804042	806015	9100-898B	081120	T1031135	150185	12GC	100615
G804046	806018	9100-976N	081119	COMMERCIAL IGNITION		HDS248	100433
G806002	806002	9108-073A	080998	EI11	150067	HDS303	100307
G806003	806003	9108-147C	080942	EI14	150057	HDS310	100616
G806011	806011	9108-152A	081117	EI16	150068	HDS369	100335
G806012	806012	9108-153A	080941	EI3	150065	HDS380	100639
G806015	806015	9108-154B	080940	EI4	150056	HDS397	100595
G806018	806018	9109-262	080929	EI5	150055	HDS404	100622
G806019	806019	9145-040D	080209	EI7	150062	DENSO	
G806020	806020	9185-900G	080995	EI8	150058	029700-6700	150281
G806021	806021	9185-900H	080996	EI9	150072	067100-1161	100280
G806022	806022	9A384-AA	090159	XIC8063	150187	067100-1170	100256
G806023	806023	HPS102	080595	XIC8065	150196	067100-1171	100256
G806026	806026	HPS103	080212	XIC8067	150184	067100-1175	100256
		HPS105	080998	XIC8068	150183	067100-1270	100260
CARTIER		CHAMPION		XIC8069	150243	067100-1330	100270
02386	160423	BAE920A	150405	XIC8076	150185	CUMMINS	
02388	160423	BAE920AX	150405	CUMMINS		3352550	090015
02389	160424	CH102	100251	CUMMINS			
02393	160425	CH102/002	100251	CUMMINS			
02394	160424	CH103	100260	CUMMINS			
02395	160429			CUMMINS			
02396	160438			CUMMINS			

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
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067100-1350	100256	P70	160328	0-130-23	100280	0-130-93	100256
067100-1360	100280	P70.2	160411	0-130-23	100280	0-130-93	100256
067100-1370	100258	P702	160411	0-130-24	100251	0-130-96	100323
067100-1430	100257	P80	160329	0-130-25	100252	0-130-97	100335
067100-1460	100259	P90	160757	0-130-25	100252	0-130-98	100436
067100-1500	100277			0-130-26	100261	0-131-01	100079
067100-1530	100257	DUCELLIER		0-130-26	100261	0-131-01	100079
067100-1630	100260	245509	150176	0-130-26	100261	0-131-01	100079
067100-1670	100281	245510	150055	0-130-26	100261	0-131-01	100079
067100-1670	100281	254410	150055	0-130-27	100259	0-131-54	100177
067100-1690	100283	520064	150185	0-130-27	100259	0-131-55	100600
067100-1700	100431	520073	150183	0-130-28	100271	0-131-57	100177
067100-1710	100291	521007	150055	0-130-28	100271	0-131-57	100177
067100-1840	100516	521008	150055	0-130-30	100256	0-131-57	100177
067100-1860	100514	521013	150055	0-130-31	100249	0-132-01	100511
071800-0320	180641	2526009	150184	0-130-32	100245	0-132-02	100511
071800-0410	180641	2526023	150185	0-130-32	100245	0-132-03	100333
071800-0620	180641	2526026	150247	0-130-33	100251	0-132-05	100532
096010-0500	080680	2526030	150243	0-130-34	100275	0-132-07	100544
096010-0510	080681	2526048	150185	0-130-34	100275	0-132-08	100540
096030-0070	080177	2526049	150196	0-130-36	100302	0-132-09	100536
096030-0080	080178	2526055	150278	0-130-37	100256	0-132-10	100533
096030-0170	080178	2526071	150192	0-130-38	100253	0-132-11	100565
131000-0011	150092	2526009A	150184	0-130-38	100253	0-132-12	100436
131300-0011	150092	2526023A	150185	0-130-38	100253	0-132-13	100592
131300-0033	150157	2526026A	150247	0-130-40	100276	0-132-16	100539
131300-0072	150157	2526035A	150260	0-130-40	100276	0-132-17	100537
131300-0073	150157	2526037A	150259	0-130-43	100248	0-132-18	100544
131300-0120	150092	2526040A	150259	0-130-43	100248	0-132-19	100594
131300-0330	150157	2526049A	150196	0-130-43	100248	0-132-20	100555
131300-0341	150157	2526055A	150278	0-130-45	100324	0-132-21	100561
131300-0600	150157	2526073A	150432	0-130-45	100324	0-132-26	100336
131300-0601	150157	2528001A	150176	0-130-47	100325	0-132-28	100527
131300-0610	150092	520073A	150183	0-130-47	100325	0-132-30	100587
131301-0601	150157			0-130-49	100260	0-133-01	160423
142000-0200	100429	DURITE-UK		0-130-51	100284	0-133-01	160423
179950-0123	180320	0-129-01	080207	0-130-52	100284	0-133-02	160424
179950-0161	180320	0-129-01	080209	0-130-52	100284	0-133-03	160425
31974-44000	090347	0-129-02	080177	0-130-52	100284	0-133-04	160420
DG-502	100547	0-129-03	080595	0-130-52	100284	0-133-04	160420
		0-129-04	080212	0-130-53	100270	0-133-05	160418
DOGA		0-129-05	080177	0-130-53	100270	0-133-06	160422
13650070706	160727	0-129-06	080998	0-130-55	100294	0-133-06	160422
100.0964.17.00	160726	0-129-07	080929	0-130-56	100303	0-133-07	160427
111.3756.2B.00	160503	0-129-08	080995	0-130-57	100512	0-133-07	160427
111.3756.3B.00	160504	0-129-09	080941	0-130-58	100303	0-133-08	160416
111.9001.2B.00	160395	0-129-10	080940	0-130-59	100511	0-133-09	160419
112.1340.2B.04	160558	0-129-11	080177	0-130-60	100511	0-133-10	160417
112.1380.2B.00	160031	0-129-16	080994	0-130-61	100511	0-133-10	160417
112.1380.3B.00	160032	0-129-17	080941	0-130-62	100287	0-133-11	160426
112.1540.2B.00	160506	0-129-19	081118	0-130-62	100287	0-133-11	160426
113.2550.2B.00	160292	0-129-20	081121	0-130-63	100513	0-133-12	160428
113.2550.3B.00	160293	0-129-26	080178	0-130-65	100254	0-133-12	160428
113.5440.2B.00	160357	0-129-27	080211	0-130-65	100254	0-133-13	160438
113.5623.2B.10	160290	0-129-28	080210	0-130-66	100283	0-133-13	160438
113.5623.3B.10	160291	0-129-29	080178	0-130-66	100283	0-133-14	160421
116.5365.2B.IE	160659	0-129-32	080996	0-130-67	100329	0-133-15	160429
116.5404.2B.D0	160725	0-130-01	100511	0-130-68	100331	0-133-15	160429
116.5565.2B.D0	160258	0-130-02	100511	0-130-74	100320	0-133-17	160439
116.5565.3B.D0	160408	0-130-03	100511	0-130-75	100251	0-133-17	160439
119.9046.3B.00	160704	0-130-04	100512	0-130-76	100251	0-133-19	160432
121.0901.GA.I6	160484	0-130-05	100086	0-130-81	100434	0-133-19	160432
127.0907.GA.04	160571	0-130-05	100086	0-130-82	100251	0-133-20	160433
127.1601.GA.04	160608	0-130-05	100086	0-130-82	100251	0-133-20	160433
162.4102.2B.00	160005	0-130-06	100511	0-130-83	100303	0-133-21	160434
162.4102.3B.00	160006	0-130-07	100303	0-130-84	100426	0-133-22	160435
316.5565.3B.D0	160408	0-130-11	100566	0-130-85	100292	0-133-22	160435
P100	160330	0-130-13	100432	0-130-87	100299	0-133-23	160436
P40	160321	0-130-14	100294	0-130-87	100299	0-133-24	160431
P45	160322	0-130-15	100253	0-130-87	100299	0-133-24	160431
P50.1	160323	0-130-17	100246	0-130-88	100331	0-133-24	160431
P50.2	160324	0-130-18	100257	0-130-89	100326	0-133-25	160430
P60	160325	0-130-19	100260	0-130-90	100512	0-133-25	160430
P60.1	160326	0-130-20	100258	0-130-91	100294	0-133-26	160419
P60.3	160326	0-130-20	100258	0-130-91	100294	0-133-26	160419
P60.4	160326	0-130-20	100258	0-130-91	100294	0-133-26	160419
P65	160327	0-130-21	100259	0-130-92	100307	0-296-12	070021
P65.1	160327	0-130-22	100282	0-130-92	100307	0-315-03	040193

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
DURITE-UK continued							
0-350-02.....	150055	0-593-03.....	160412	0-891-00.....	160486	7.4007.....	180949
0-350-03.....	150056	0-593-04.....	160195	0-891-01.....	160487	7.4014.....	180950
0-350-04.....	150058	0-593-12.....	160223	0-892-00.....	160256	7.4015.....	180951
0-350-05.....	150061	0-593-24.....	160507	0-892-00.....	160257	7.4029.....	180953
0-350-06.....	150062	0-593-51.....	160685	0-892-00.....	160358	7.4030.....	180954
0-350-07.....	150065	0-593-53.....	160192	0-894-40.....	160321	7.4042.....	180959
0-350-08.....	150072	0-594-00.....	160187	0-894-60.....	160326	7.4048.....	180963
0-350-10.....	150067	0-594-01.....	160188	0-895-60.....	160326	7.4056.....	180969
0-350-11.....	150075	0-594-53.....	160197	0-895-70.....	160328	7.4079.....	180985
0-350-12.....	150057	0-594-54.....	160386	0-895-80.....	160329	7.4080.....	180986
0-350-13.....	150064	0-594-56.....	160535			7.4085.....	180988
0-350-15.....	150071	0-594-57.....	160381	FACET		7.4094.....	181416
0-350-19.....	150068	0-594-59.....	160198	40107.....	070191	7.4120.....	181000
0-350-20.....	150088	0-594-60.....	160630	40164.....	070056	7.5000.....	181001
0-350-21.....	150167	0-594-63.....	160535	40185.....	070057	7.5004.....	181005
0-350-22.....	150074	0-605-00.....	180216	40220.....	070134	7.5007.....	181008
0-350-23.....	150098	0-605-25.....	180291	50107.....	070191	7.5008.....	181009
0-350-25.....	150077	0-605-26.....	180276	60104.....	070187	7.5016.....	181014
0-350-26.....	150063	0-605-26.....	180277	60106.....	070188	7.5018.....	181015
0-350-27.....	150154	0-605-40.....	181271	60107.....	070191	7.5031.....	181021
0-350-28.....	150171	0-605-44.....	180556	7.0000.....	180630	7.5033.....	181023
0-350-29.....	150172	0-605-45.....	180326	7.0001.....	180631	7.5064.....	181034
0-350-30.....	150176	0-605-50.....	181238	7.0005.....	180630	7.5128.....	181064
0-350-31.....	150175	0-605-55.....	180288	7.0007.....	180634	7.5129.....	181065
0-350-32.....	150165	0-605-55.....	180333	7.0008.....	180635	7.5142.....	181073
0-350-34.....	150173	0-605-60.....	180289	7.0010.....	180634	7.5145.....	181076
0-350-38.....	150221	0-605-90.....	180596	7.0011.....	180636	7.5146.....	181077
0-350-39.....	150221	0-605-98.....	180029	7.0017.....	180641	7.5155.....	181034
0-350-41.....	150226	0-605-99.....	180029	7.0023.....	180630	7.5182.....	181088
0-350-41.....	150226	0-638-00.....	150100	7.0026.....	180648	7.5187.....	181089
0-350-41.....	150226	0-642-00.....	160002	7.0027.....	180649	7.5604.....	181104
0-350-41.....	150226	0-642-16.....	160059	7.0028.....	180649	7.5620.....	181104
0-350-41.....	150226	0-642-17.....	160335	7.0045.....	180658	7.5626.....	181121
0-350-43.....	150236	0-642-26.....	160302	7.0047.....	180660	7.5635.....	181126
0-350-44.....	150232	0-642-27.....	160336	7.0095.....	180688	7.6007.....	181147
0-350-44.....	150232	0-642-36.....	160393	7.0096.....	180689	7.6009.....	181148
0-350-44.....	150232	0-642-48.....	160393	7.0108.....	180694	7.6011.....	181150
0-350-46.....	150237	0-642-53.....	160415	7.0141.....	181341	7.6015.....	181152
0-350-46.....	150237	0-642-60.....	160356	7.0602.....	180702	7.6019.....	181156
0-350-46.....	150237	0-642-67.....	160414	7.0605.....	180704	7.6021.....	181158
0-350-48.....	150092	0-657-00.....	181246	7.0621.....	180708	7.6039.....	181165
0-350-50.....	150157	0-657-01.....	181247	7.1000.....	180726	7.6067.....	181179
0-350-51.....	150091	0-657-02.....	181244	7.1005.....	180009	7.6073.....	181182
0-351-01.....	180025	0-657-03.....	181245	7.1014.....	180734	7.6075.....	181183
0-351-05.....	180043	0-673-12.....	070078	7.1034.....	180746	7.6096.....	181191
0-351-06.....	181235	0-673-13.....	070153	7.1044.....	180751	7.6099.....	181194
0-351-07.....	181236	0-673-24.....	070107	7.1050.....	180753	7.6102.....	181197
0-351-08.....	181237	0-673-25.....	070172	7.1055.....	180757	7.6108.....	181201
0-351-09.....	180339	0-673-63.....	070147	7.1091.....	180785	7.6113.....	181205
0-351-11.....	180340	0-673-64.....	070149	7.1101.....	180790	7.6125.....	181212
0-351-12.....	180324	0-673-65.....	070151	7.1102.....	180791	7.6215.....	181456
0-351-13.....	180341	0-673-66.....	070152	7.1149.....	181367	9.0003.....	150332
0-351-51.....	180041	0-673-75.....	070148	7.1151.....	181369	9.0005.....	150333
0-351-55.....	180044	0-673-76.....	070150	7.1167.....	181379	9.0009.....	150336
0-523-01.....	160697	0-673-78.....	070173	7.2004.....	180790	9.0010.....	150337
0-523-08.....	160702	0-735-00.....	040077	7.2005.....	180791	9.0012.....	150339
0-523-16.....	160700	0-775-07.....	160672	7.3000.....	180804	9.0016.....	150340
0-523-22.....	160695	0-775-15.....	160612	7.3005.....	180808	9.0019.....	150342
0-523-23.....	160699	0-775-20.....	160611	7.3018.....	180839	9.0021.....	150343
0-523-51.....	160698	0-775-95.....	160663	7.3028.....	180820	9.0023.....	150344
0-523-56.....	160701	0-775-96.....	160663	7.3073.....	180839	9.0031.....	150343
0-523-68.....	160702	0-776-50.....	160775	7.3086.....	180848	9.0037.....	150442
0-523-72.....	160696	0-776-51.....	160776	7.3091.....	180852	9.0040.....	150351
0-523-73.....	160699	0-857-52.....	160494	7.3101.....	180861	9.0043.....	150443
0-526-00.....	040094	0-862-05.....	160033	7.3128.....	180875	9.0051.....	150353
0-526-05.....	040018	0-862-85.....	160031	7.3136.....	180878	9.0053.....	150354
0-561-62.....	160481	0-863-05.....	160033	7.3146.....	180883	9.0066.....	150360
0-561-74.....	160481	0-863-85.....	160031	7.3165.....	180893	9.0068.....	150444
0-562-12.....	160534	0-864-05.....	160292	7.3191.....	180905	9.0073.....	150361
0-562-24.....	160533	0-864-80.....	160357	7.3239.....	181395	9.0074.....	150362
0-578-03.....	160387	0-864-95.....	160357	7.3252.....	181397	9.0075.....	150362
0-578-06.....	160388	0-865-90.....	160258	7.3257.....	181400	9.0082.....	150445
0-578-12.....	160306	0-883-85.....	160032	7.3258.....	181400	9.0090.....	150365
0-578-24.....	160389	0-884-05.....	160293	7.3259.....	181402	9.0104.....	150446
0-578-53.....	160390	0-885-90.....	160408	7.3260.....	181402	9.0105.....	150447
0-578-56.....	160391	0-890-30.....	160019	7.3308.....	181373	9.0127.....	150366
0-578-62.....	160392	0-890-30.....	160028	7.3524.....	180937	9.0130.....	150369
0-593-00.....	160186	0-890-35.....	160025	7.3533.....	180941	9.0132.....	150370
0-593-01.....	160273	0-890-40.....	160026	7.4000.....	180945	9.0149.....	150353

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
9.0157	150448	9.4024	150061	9.6282	150436	3704	181008
9.0162	150449	9.4025	150063	9.6286	150437	3705	181005
9.0164	150450	9.4027	150068	9.6287	150438	3708	181005
9.0169	150451	9.4028	150057	9.6293	150439	3712	181009
9.0170	150452	9.4029	150176	9.6295	150416	3718	181005
9.0172	150453	9.4030	150165	9.6297	150440	3722	181021
9.0173	150454	9.4031	150154	9.6319	150441	3724	181065
9.0176	150455	9.4032	150171	9.8034	150403	3725	181064
9.0177	150456	9.4033	150172	9.8056	150293	3731	181001
9.0178	150457	9.4034	150098	9.8114	150227	3732	181014
9.0187	150458	9.4035	150167	9.8123	150517	3734	181008
9.0189	150459	9.4036	150175	10.3001	180557	3735	181005
9.0195	150414	9.4038	150157	10.3002	180558	3738	181005
9.0196	150404	9.4044	150234	10.3003	180559	3739	181005
9.0197	150460	9.4047	150221	10.5002	180317	3742	181009
9.0204	150461	9.4052	150236	476088	070004	3767	181064
9.0205	150453	9.4053	150097	476459	070169	3781	181104
9.0213	150462	9.4055	150091	40159E	070058	3795	181121
9.0214	150463	9.4056	150092	476087E	070003	4029	181147
9.0215	150463	9.4064	150171	9.0543K	150404	4030	181148
9.0218	150464	9.4068	150160	9.6185S	150421	4038	181150
9.0219	150444	9.4070	150377	9.6279S	150416	4051	181182
9.0220	150466	9.4076	150406	9.6280S	150416	4052	181179
9.0221	150467	9.6005	150183	Q-40106	070188	4057	181194
9.0235	150468	9.6006	150184			4060	181191
9.0237	150504	9.6007	150185	FAE		4065	181201
9.0238	150469	9.6008	150243	1106	180634	4066	181212
9.0241	150470	9.6010	150187	1107	180635	4107	181156
9.0254	150470	9.6025	150192	1120	180631	4112	181197
9.0255	150471	9.6035	150281	1126	180630	4212	181183
9.0277	150472	9.6040	150196	1138	180649	3550(2)	180985
9.0278	150472	9.6046	150246	1140	180631		
9.0281	150473	9.6055	150247	1146	180631	FAIRCHILD	
9.0288	150474	9.6059	150249	1161	180641	8115FD2	150056
9.0291	150465	9.6062	150250	1169	180694	SH4239	150061
9.0293	150475	9.6067	150281	1222	180636	SH4240	150058
9.0294	150476	9.6068	150252	1291	180658	SH4243	150055
9.0297	150477	9.6069	150210	1293	180688	SH4246	150056
9.0298	150478	9.6071	150253	1342	180649	SH4279	150056
9.0299	150479	9.6078	150257	1352	180636	SH4333	150056
9.0301	150480	9.6079	150258	2101	180790	SH4418	150058
9.0303	150481	9.6088	150259	2102	180791		
9.0305	150482	9.6089	150260	2108	180791	FAUN	
9.0308	150483	9.6096	150419	2401	180726	0796720	090015
9.0309	150484	9.6097	150265	2402	180734	FEMSA	
9.0314	150485	9.6098	150266	2415	180734	314271	150055
9.0315	150486	9.6099	150267	2430	180746		
9.0316	150487	9.6113	150269	2431	180753	FENDT	
9.0321	150490	9.6114	150270	2442	180757	F281.201.710010	090202
9.0322	150491	9.6115	150271	2444	180785		
9.0324	150492	9.6116	150272	2460	180751	FERRARI	
9.0335	150493	9.6121	150273	3114	180804	137511	150379
9.0355	150488	9.6129	150275	3201	180878	138225	150387
9.0365	150494	9.6161	150275	3211	180839	171707	181495
9.0367	150495	9.6169	150277	3223	180808	311609	160423
9.0368	150489	9.6172	150278	3240	180852	654603	070203
9.0371	150496	9.6173	150519	3301	180875		
9.0373	150497	9.6175	150420	3306	180905	FIAT	
9.0374	150498	9.6184	150279	3326	180893	504678	090076
9.0375	150499	9.6199	150394	3362	180848	760428	090016
9.0392	150500	9.6207	150422	3363	180861	768702	090020
9.0393	150501	9.6211	150281	3364	180883	771333	090015
9.0397	150336	9.6212	150281	3411	180937	4067872	180804
9.0403	150502	9.6214	150423	3422	180941	4067916	180726
9.0438	150503	9.6216	150424	3507	180945	4108672	180804
9.4001	150058	9.6217	150425	3513	180950	4114572	181001
9.4002	150062	9.6241	150282	3517	180953	4124209	180726
9.4003	150064	9.6244	150426	3525	180963	4133922	180630
9.4005	150055	9.6245	150405	3537	180953	4141538	180945
9.4006	150057	9.6252	150427	3538	180954	4151243	180631
9.4007	150075	9.6254	150428	3546	180969	4151564	180631
9.4008	150065	9.6255	150429	3548	180988	4152127	180631
9.4009	150072	9.6256	150430	3549	180986	4163888	180945
9.4012	150067	9.6274	150432	3552	180949	4165210	180790
9.4013	150077	9.6276	150415	3578	180959	4169122	180945
9.4015	150068	9.6277	150433	3580	180959	4177122	180726
9.4019	150071	9.6278	150434	3605	181077	4177124	180726
9.4020	150088	9.6279	150416	3701	181001	4185217	180945
9.4021	150074	9.6281	150435	3702	181014		

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FIAT continued							
4189508	180945	7588520	181179	55189515	150448	9629684380	150457
4220470	180726	7588802	180804	55193048	181494	9629968880	181076
4220471	180726	7588847	180945	55200817	100645	9633001580	150506
4235333	181001	7588882	180804	55331172	181001	9640627780	150475
4249594	180630	7588920	180945	55354325	181341	9753182280	150057
4263597	181001	7597693	070054	60504288	150055	9753293180	150055
4276954	180804	7604582	150330	60507807	160428	061830058020	160427
4298311	180630	7612955	150167	60518322	070054	594439(2)	150330
4304418	180631	7615564	181179	60546091	070053	7563225100(3)	100566
4305685	180631	7617640	160427	60562702	150387	F2VB	100511
4318331	181001	7618893	160376	60581530	150379	F4VB	100511
4334613	180945	7626232	150246	60590028	150055	FU2A	100511
4340878	181001	7632587	100320	60590029	150055	FU4A	100511
4345643	180726	7635535	070053	60593844	180689	PRT03/02	180559
4345645	180726	7637025	180317	60593845	180689	PRT03/04	180559
4349082	180804	7648797	150252	60755012	150057	TGE422L	160671
4379249	160327	7648798	150379	60755094	150057		
4384372	160327	7672018	150246	60779188	070054	FORD	
4393814	100511	7681395	180689	60808043	180317	0409160	180636
4407984	180804	7696064	180557	60808142	180875	537209	100614
4409505	180804	7705830	180689	60808371	180689	1008464	150516
4414583	180630	7706596	180689	60808979	160197	1008792	100531
4414599	180630	7714662	180559	60809477	150379	1027753	160693
4414600	180804	7726125	160424	60809606	150252	1027970	180636
4414779	180945	7735920	100511	60811067	180559	1035875	090197
4419628	150058	7735921	160433	60814589	150452	1037204	100436
4421193	070053	7748867	181021	60814715	181395	1037465	150459
4422049	180630	7760493	150462	60814769	150451	1038063	150393
4429209	070053	7766251	150454	60814770	150488	1044350	180757
4431182	180631	7777960	150354	60814852	181495	1051046	150444
4448131	180804	7789346	150405	60816137	181494	1067601	150416
4459907	180630	7798691	150354	61617002	100527	1070613	181369
4460210	070053	8122111	090015	71735464	100639	1075786	150416
4460464	070053	8122186	090076	73502602	150176	1079401	100565
4460646	070053	9928977	090016	74061644	090020	1096527	100561
4473333	180631	9940095	150088	75491289	181156	1100619	181400
4474413	100511	9942040	150176	75896560	160426	1100736	181410
4552281	100511	9946862	180317	76647630	160426	1119746	181456
4655982	181494	9947132	180317	77359200	100511	1119942	150473
4714294	100511	9959826	090016	79026637	090020	1124770	181400
4729585	100511	31331116	180790	82205408	180704	1130402	150416
4738576	100511	33331115	180649	82224358	180704	1148105	100593
4752281	100284	43423043	160435	82304822	180726	1213353	181456
4754011	100511	46403328	150423	82308678	070053	1317972	150416
4774412	100511	46409675	181416	82369531	150058	1414897	180636
4774413	100511	46410523	181179	91514733	181152	1583836	180820
4781356	100511	46414088	160433	98424793	180875	1587444	100511
4783047	100511	46423043	160435	98462490	100329	1590417	100303
4792112	160424	46428175	160426	99455420	181395	1610486	181147
4833643	100511	46438456	160464	99488730	160671	1610487	181147
4841294	100511	46440840	150462	500303569	100540	1629456	150077
4849406	100511	46442091	150448	500312468	180689	1630263	160418
4859914	180689	46443793	160197	500316493	100540	1630363	160418
4998770	180631	46446039	150405	500343018	150480	1637546	150165
5428649	180630	46447503	181495	500382599	181395	1646398	181065
5430044	180950	46447610	100650	605139290	160428	1647828	180636
5493206	100511	46451951	100534	605581530	150379	1648138	180558
5556508	180630	46454057	150462	631331116	180790	1649067	150281
5927407	180631	46462120	150462	633331115	180649	1652164	181147
5946920	160427	46467542	150436	655331172	181001	1652479	160419
5950464	100511	46469866	150452	717359980	181495	1652613	160535
5951861	100511	46469917	181495	931993277	090075	1657685	180878
5951879	100511	46472440	150405	961595948	160434	1669948	180883
5951880	100511	46479975	150448	975301258	150055	1669949	180848
5951881	100511	46480361	150405	1324369080	181495	1669963	180694
5951882	100511	46481306	150462	9150242380	180950	1669964	180688
5960017	180702	46481640	150488	9601810880	181201	1669965	180861
5963889	180702	46531222	180559	9601811080	181194	1669977	100436
5972332	180875	46533308	181495	9601842280	180937	1690048	100527
5973752	100511	46541253	181495	9603324880	181373	1952464	100306
5973753	100511	46543562	150246	9603893880	180317	1958438	160197
5973754	160426	46548037	150246	9606816880	150343	3009084	150446
5979027	160197	46559804	181494	9609352480	181194	3023785	150490
5990986	160424	46751764	100639	9612358180	160629	3043996	150483
5992746	181021	46754154	100645	9616572480	100511	3043998	150491
6081037	070053	46779614	100627	9617220680	180317	3240239	180630
6081644	181494	46784582	181495	9619403780	180785	3248349	180630
7110531	090020	46796050	100627	9621000680	181373	3600688	180641
7554136	070054	46806128	150451	9625299980	180317	4040494	150484

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4047431	150484	9968969	160647	89FB6M092AA	160419	E43Z9F479A	180558
4091961	150459	19017170	150417	89FB8B607A1A	181065	E43Z9F479B	180558
4383679	150484	68477572	160419	89FB8B607AA	181065	E43ZP12A297A	150077
5023129	100562	82006984	070134	89FF6M090AA	100303	E43ZP12Z297A	150077
6005474	181147	85813079	160736	89FF6M091AA	100303	E4TZ12A342A	100614
6033136	181147	93151351	090386	904F9350AB	090197	E4ZF12A644AA	180558
6058836	180820	93151848	090197	90BB6M092BA	160419	E57F9F479A1A	180558
6063505	100511	1L2E6B288AA	150459	90BB6M092BB	160419	E57F9F479A2A	180558
6075812	100303	1M2115520AA	181456	90BB6M092CA	160419	E5FZ9F479A	180558
6077429	150210	1M2118B515AA	100527	90BB6M092AA	160419	E5RF12297BA	150077
6080608	180636	1S7F12K073AD	150473	90GB108843AA	180636	E5RF12A297BA	150077
6086163	180636	1S7Z7M101KA	150484	90GB10B843AA	180953	E5SF9F479A1A	180558
6086506	150065	256Q6M090AA	100593	910X6M090BA	100511	E5SZ9F479A	180558
6109051	150067	3M2112B529AA	181491	910X6M090AA	100294	E67F9F479A1A	180558
6120663	181008	71BG15520EA	181147	914F9350AA	090197	E67F9F479A2A	180558
6127983	070055	71BG15520FA	181147	91AB10884AA	180893	E6EF12A297AA	150077
6127985	070055	743F9C358AA	090076	91AB12K072AA	150393	E6EF12A644A1A	180558
6132224	100303	76BG15520A	181147	91AB8B607A1A	180893	E6EF12A644A2A	180558
6132244	100303	76BG15520A/B	181147	928F12K073A1C	150443	E6EF12A644AA	180558
6132246	100303	76BG15520AB	181147	928F12K073A1D	150443	E6EF9F479A1A	180558
6132248	160418	76BG15520AIB	181147	928F12K073A1E	150443	E6EF9F479A2A	180558
6135656	150065	76BG15520B	181147	928F6C315A1F	150442	E6FZ9F479A	180558
6143688	160416	76BG15520AA	181147	92VB9N424BA	100580	E6PF9F479A1A	180558
6146107	181065	77FB10884AA	180820	92VW8502AA	070192	E6PF9F479AA	180558
6146110	181065	785F6M090BA	100511	93BB6M090A2A	100511	E6SF12A297A1A	150077
6153090	150168	785F6M090CA	100511	93BB6M092BA	160469	E6SF12A297A2A	150077
6153380	150072	786B6M090CA	100511	93BB6M092AA	160469	E6SZ12A297A	150077
6153451	150057	78GB6M090CA	100511	93FF6M090AA	100303	E6TZ9F479A	180558
6153469	160535	795F6M090BA	100303	948F6C315AA	150442	E70Z9F479A	180558
6154593	100511	795F6M090CA	100303	94DD6M090AA	100511	E7DF9F479A1A	180558
6156582	150098	795F6M090AA	100303	95BF12K073AB	150459	E7DF9F479A2A	180558
6158319	070055	79BB12024AA	150210	95BF12K073AA	150459	E7DZ12A297A	150168
6159437	150057	81AB9278BA	180636	95DD6M090AA	100527	E7DZ9F479A	180558
6163811	100303	81AB9278AA	180636	95NW18456BB	160550	E7EE12A644A1A	180558
6164926	100303	81AE9278BA	180636	95NW18456CB	160550	E7EE12A644A2A	180558
6165570	070055	81SF12K059AB	150065	95VB9N424AA	100580	E7EE9F479A1A	180558
6165571	070055	81SF12K059BA	150065	95VW10884BA	180848	E7EE9F479A2A	180558
6168439	181065	81SF12K059AA	150065	95VW10884AA	180883	E7EF12A644A1A	180558
6169111	181065	83BB12A199B3A	150067	95VW12029AA	150516	E7EF12A644A27	180558
6169112	181065	83BB6M090A1A	100511	95VW12A648BA	180861	E7EF12A644A2A	180558
6169113	181065	83BB6M090A2A	100511	95VW12B573AA	181231	E7EF9F479A1A	180558
6170902	180636	83BB6M092BA	160416	95VW13480BB	180757	E7EF9F479A27	180558
6171402	160418	83BB6M092AA	160416	95VW13480AA	180757	E7EF9F479A2A	180558
6193368	180893	83GB88607A2B	181008	95VW6C315CA	150444	E7EF9F479AA	180558
6194291	160419	83GB8B607A2B	181008	95VW6M090AA	100436	E7FZ12A644A	180558
6198827	180954	83SF12K059AA	150065	95VW8502BA	070192	E7FZ12A644A4A	180558
6201102	090197	844FF9N424AA	100580	95VW8502AA	070192	E7FZ9F479A4A	180558
6213125	180636	84BB6M090AA	100511	95VW9278BA	180694	E7RZ12A297A	150077
6496665	181065	84FB6M092BA	160418	95VW9278CA	180688	E7TZ12A342A	100614
6499475	180636	84FB6M092CA	160418	97BW18456AA	160693	E8BF12A644AA	180558
6503279	150281	84FB6M092CB	160418	97FB10884AA	180893	E8BZ12A297A	150417
6503280	150281	84FF6M090B1A	100303	988F12029AB	150416	E8BZ12A644A	180558
6513125	180636	84FF6M090B2A	100303	988F12029AC	150416	E8BZ212A297A	150160
6539671	180636	84FF6M091BA	100511	988F12029AD	150416	E8DZ12A297A	150168
6539971	180636	84FF6MO90B1A	100511	988F12029BA	150416	E8FZ12A644AA	180558
6590140	180953	84FF6MO90B2A	100511	98FB9278AA	180636	E8FZ12A297A	150077
6590141	180954	84SF12K057AA	150072	98VW12A223AA	150406	E8FZ12A644A	180558
6602998	150442	84SF12K059AA	150072	98W13480AA	181369	E8GV12029B	150275
6602999	150443	84SF12K067BA	150057	B3124Q03A	150068	E8TZ12029A	150281
6641381	150393	85AB8B607A2A	181065	D0HZ9278A	180636	E9Z212029B	150275
6716335	180636	85AB8B607A2B	181065	E1TZ12A199A	150068	E9Z212A297A	150160
6740816	150442	85AB8B607A3A	181065	E2FS12A297B	150061	E9RF12A297AA	150077
6748697	100580	85AB8B607A3B	181065	E2FZ12A297A	150064	E9RZ12A297A	150077
6756611	160418	85BB9350AA	070055	E2TZ12A342A	100614	E9ZZ12A297A	150160
6756612	160419	85GB9350BA	070055	E3EF12A297A1A	150077	EDY4	150067
6859705	150442	85GB9350AA	070055	E3EF12A297A2A	150077	EDY7	150077
6859706	150443	86AB12K064AA	150098	E3FBA	180558	ESRF12A297BA	150077
6860288	150394	86AB9278BA	180636	E3TF9F479BA	180558	EZD18	100562
6873316	150446	86AB9278BB	180636	E3TF9F479AA	180558	EZD30	100511
6882135	160693	86BB9350AA	070055	E3TZ9F479A	180558	EZD36	100527
7001608	181065	86BF12K062AA	150057	E3ZF12A644A1A	180558	EZD37	100565
7003178	160535	86FB12A297AA	150168	E3ZF12A644A2A	180558	EZD8	100303
7009579	150459	86GB9350BA	070055	E3ZF12A644A1A	180558	F0212A297A	150160
7033372	150443	86VB17K624AA	160535	E43F9F479A1A	180558	F02Z12A297A	150160
7072673	100511	87AB17K624AC	160535	E43F9F479A2A	180558	F0BZ12A297A	150371
7133973	090197	88BG8B658AA	160416	E43F9F479B1A	180558	F0JY12A297B	150417
7188531	160550	88SF12029A1A	150281	E43F9F479B2A	180558	F1SF12A297C1A	150168
7188532	160550	88SF12029A2A	150281	E43Z12297A	150077	F1SF12A297C2A	150168
7215734	180757	89EB8B607AA	181065	E43Z12A297A	150077	F2TZ12A342A	100614

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
FORD continued							
F3RP7H062AA	150446	16017433	150062	94243344	150091	LEAD10	160663
F3XA12029AA	150273	16017460	180557	94404544	150157	LEAD5	160672
F3XY12A297A	150221	16137039	180557	94472002	180808	LEAD6	160611
F3XY12K072A	150221	16139379	150239	96052138	180641	MB12	160534
F4FF12A297AA	150168	16139869	150061	96053621	180641	MB24	160533
F7RP7M101AA	150446	16139889	150063	97080554	100628	RA3	160481
F8RP7H103AA	150490	16140039	150239	97210818	100555	RA4	160481
FB006M092BA	160418	16140049	150063	97358626	100555	RA6	160346
FB006M092CB	160418	16158829	150063	90006499(2)	150098	RA7	160410
Q14F9350AA	090197	16410049	150063	GUARD-UK			
V94DD6M090AA	100511	17112715	180557	720-024PP	160494	VC12	160389
V94DX6M090AA	100511	18140189	150061	AH1	160002	VC23	160646
V95DD6M090AA	100527	19005212	150521	AH3	160048	VC25	160392
XM2110884BA	181410	19188755	150098	AH4	160047	VC4	160387
XM218A570BA	181400	24414665	181495	AHA4	160039	VC5	160388
XS4P7H103AB	150491	24437502	181491	BIS1	180216	VC6	160306
XS4P7M101AB	150483	88900715	100537	BIS1K	180029	VC7	160390
XS4Z7M101KA	150484	90006145	150056	BIS1K	180143	VC8	160391
XS7P7M101AA	150484	90006964	150098	BIS1K	180619	XAC-A201	181246
XS7Z7M101KA	150484	90008145	150056	BIS2	180203	XAL-D222	181244
Z590141	180954	090040992	160416	BIS2K	180029	XAL-D324	181245
GENERAL MOTOR							
836590	181494	90056698	150056	BIS3	180087	HANOMAG	
836591	181494	90069100	181150	BIS3K	180202	142976000	090202
836592	181494	90080939	180875	CCTV5AH	160775	197942706	090227
1103872	150403	90140187	150056	CCTV9A	160783	506686000	090227
1103905	150403	090228928	160416	D2H12	160059	TPD1212	160423
1977907	150061	90243630	150380	D2H24	160302	TPFF612	160419
1977958	150063	90245033	181182	D2L12	160335	HATZ	
1978432	150063	90246852	180808	D2L24	160336	40009000	090016
1978617	150061	90276101	160416	D2N36	160393	HEAT-ON	
1979107	150063	90295498	150055	D2N48	160393	1331	060222
1979571	150063	90295499	150055	GEM1	150056	1518	060058
1985342	150063	90297486	150173	GEM1	150056	62769	060230
01985703	150064	90297786	150173	GEM1	150056	64750	060232
1985703	150064	90323839	180317	GEM1	150056	66221	060228
1987744	150061	090341822	160416	GEM1	150056	66231	060229
1997907	150061	90341822	160416	GEM13	150057	1331-12	060222
03439088	180808	90360314	150380	GEM13	150057	1350-2	060224
03474232	150187	90410792	180875	GEM13	150057	1350-3	060225
03474233	150196	90412795	150486	GEM13	150057	1350-6	060226
3474233	150196	90414405	150055	GEM2	150055	1350-8	060227
03474282	150187	90423761	181495	GEM2	150055	1418-4	060231
5613673	100615	90449435	181088	GEM2	150055	1515-8	060236
5613826	100615	90449576	160547	GEM25	150055	1531-10	060215
5614220	100614	90449739	150196	GEM25	150175	1531-5012	060210
08954566	180630	90450963	160547	GEM25	150175	1531-5024	060211
8954566	180630	90450980	160547	GEM40	150236	1531M-2412	060059
9109810	180905	90463864	150450	GEM40	150236	1531M-2424	060060
09110560	150404	90482454	181182	GEM40	150236	1531M-5012	060213
09118150	150504	90483739	150449	GEM40	150236	1531M-5024	060214
9118368	150468	90504499	180753	GEM5	150072	2100-12	060223
9119567	150525	90504705	160547	GEM5	150072	2100-24	060233
9174621	150485	90506103	150485	GEM5	150072	3031-12	060234
9193149	181494	90506193	160547	GTR1	160416	3031-24	060235
9193533	181495	90510183	180875	GTR3	160418	3050-30	060219
9195729	181495	90510386	150196	GTR3	160418	3055-12	060216
9201425	181495	90510387	150282	GTR4	160421	3055-24	060220
9201699	160795	90520854	150469	GTR4	160421	HELLA	
9204425	181495	90528435	181495	GTR5	160424	4RV008188-001	160441
9227760	181494	90534902	181341	GTR5	160424	4RV008188-011	160442
9389131	180557	90536194	150525	GTR7	160434	4RV008188-021	160443
10456574	150490	90541520	181395	GTR7	160434	4RV008188-031	160444
10456576	150491	90541937	181395	GWP13	160381	4RV008188-041	160445
10456578	150483	90542063	181395	GWP15	160223	4RV008188-051	160446
10456585	150487	90543059	150524	GWP16	160507	4RV008188-061	160447
10456604	150474	90589511	160547	GWP3	160677	4RV008188-071	160448
10457075	150403	91112377	180641	GWP4	160197	4RV008188-081	160423
10469931	150239	91167210	160795	GWP7	160198	4RV008188-091	160424
10482823	150062	91167211	150465	GWP9	160629	4RV008188-101	160425
10482824	150063	91298691	181395	IGN1	181235	4RV008188-111	160426
10482825	150064	93171335	181495	IGN1K	181465	4RV008188-121	160427
10496048	150239	93171527	181491	IGN2	181236	4RV008188-131	160428
10496541	150239	93171627	181491	IGN3	181237	4RV008188-141	160429
10498042	150061	93171760	181495	IGN4	180025	4RV008188-151	160430
12569240	180557	93178047	100627	IGN5	180043	4RV008188-161	160416
16010892	150063	93179513	150488	IGN6	180043		
16015130	150061	94109863	180751				
		94205866	180875				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
4RV008188-171	160420	8TW004223-031	160197	PN-123	100251	30520-PDF-E01	150252
4RV008188-179	160420	8TW005206-031	160381	PN-124	100252	32120-PAO-661	150091
4RV008188-181	160421	8TW005206-051	160382	PN-126	100253	36750-SE0-003	180751
4RV008188-201	160417	8TW005496-0051	160198	PN-128	100254	36750-SE0-013	180751
4RV008188-211	160418	8TW005496-011	160679	PN-131	100276	37240-534-671	180641
4RV008188-221	160419	8TW006847-001	160535	PN-132	100271	37240-634-671	180641
4RV008188-241	160438	8TW006849-001	160386	PN-135	100287	37870-P5T-G00	180875
4RV008188-251	160439	9XX009122-001	160548	PN-138	100306	37870-PLZ-D00	181395
4RV008188-271	160431	9XX009122-011	160549	PN-87	100247	79310-SR3-A01	160528
4RV008188-281	160432			PN-89	100248		
4RV008188-291	160433	HENCHEL		PS-201	100433	HUCO	
4RV008188-301	160434	0614204001	090202	PS-202	100434	132032	160443
4RV008188-311	160435	5204240800	090227	PS-203	100634	132052	160425
4RV008188-321	160436			PS-204	100435	132054	160427
5DA006623-001	150055	HITACHI		PS-206	100518	132060	160416
5DA006623-011	150056	3062-1231	080875	PS-207	100523	133000	070032
5DA006623-021	150074	32120-PA0-664	150091	PS-208	100524	133010	070021
5DA006623-031	150075	CM11209B	150272	PS-210	100522	133019	070019
5DA006623-041	150057	CM11217	150272	PS-216	100636	133020	070078
5DA006623-051	150058	CM1T-204B	150381	PT-100	100256	133800	150505
5DA006623-061	150062	CM1T-204E	150381	PT-101	100280	133803	150506
5DA006623-071	150064	CMT204F	150381	PT-103	100260	133804	150427
5DA006623-151	150068	DIS405	150409	PT-104	100256	133805	150428
5DA006623-161	150088	DIS408	150406	PT-107	100257	133806	150508
5DA006623-171	150071	E12-117	150398	PT-108	100282	133807	150509
5DA006623-181	150154	E123-02	150384	PT-109	100280	133808	150510
5DA006623-191	150098	E123-03	150384	PT-140	100258	138001	150055
5DA006623-201	150167	E126-1	150091	PT-141	100259	138002	150056
5DA006623-231	150232	L130-5046	150092	PT-144	100260	138803	150416
5DA006623-241	150072	RS12-0A	150360	PT-145	100270		
5DA006623-251	150175			PT-147	100277	INTER MOT	
5DA006623-261	150067	HKT		PT-150	100283	11330	150210
5DA006623-281	150176	B-004	100079	PT-151	100291	11340	150252
5DA006623-291	150221	B-028	100512	PT-153	100431	11480	150192
5DA006623-311	150077	B-031	100086	PT-154	100514	12202	150187
5DA006623-331	150381	B-032	100303	PT-155	100516	12203	150196
5DA006623-351	150092	B-033	100511	PT-157	100556	12301	150185
5DA006623-371	150157	B-037	100512	PV-138	100306	12302	150183
5DA006623-381	150091	B-040	100511	PZ-30	100286	12303	150184
5DA006623-391	150097	B-043	100511	PZ-33	100261	12606	150428
5DA006623-401	150236	B-044	100511	PZ-35	100288	12614	150394
5DA006623-411	150096	B-045	100511	PZ-38	100515	12614	150394
5DA006623-421	150160	B-049	100284	PZ-39	100520	12667	150523
5DA006623-431	150165	B-053	100303	PZ-704	100547	12720	150522
5DA006623-441	150237	B-101	100561			12722	150524
5DA006623-461	150215	B-102	100592	HONDA		12723	150521
5DA006623-471	150384	B-105	100565	06302-PT2-000	150236	12728	150508
5DA006623-481	150234	B-106	100593	06302-PT2-A00	150236	12749	150520
5DA006623-491	150378	B-107	100594	06302-PT3-000	150236	14020	150226
5DA006623-501	150371	B-119	100639	06302-PTA-00	150236	15000	150056
5DA006623-511	150377	CP-01	100302	12291-PLZ-D00	100555	15001	150074
5DA006623-521	150388	CP-02	100326	16400-PDD-X00	181495	15002	150075
5DA006623-531	150171	CP-03	100336	30120-PA0-661	150091	15010	150055
5DA006623-541	150172	CP-05	100563	30120-PA6-921	150097	15015	150098
5DA006623-561	150173	CP-06	100310	30120-PA9-21	150092	15020	150057
5DA006623-571	150061	CP-07	100510	30120-PB1-006	150097	15030	150165
5DA006623-581	150063	CP-22	100429	30120-PH4-005	150091	15200	150062
5DA006623-591	150409	CP-50	100513	30120-PH7-006	150097	15210	150058
5DA006623-601	150379	CP-51	100555	30120-PJ7-006	150097	15220	150064
5DA006623-611	150387	CP-70	100324	30120-PM3-0050	150398	15230	150063
5DA006623-621	150227	CP-71	100325	30120-PM5-A01	150236	15280	150176
5DA006623-661	150065	CP-72	100560	30120-PMA-01	150236	15300	150067
5DA006623-701	150231	PD-190	100257	30120-POA-A01	150388	15310	150077
5DA006623-711	150228	PD-191	100283	30120-PR3-003	150236	15311	150168
5DA006623-721	150396	PD-192	100281	30120-PT3-003	150236	15400	150065
5DA006623-731	150380	PI-42	100275	30120-PT3-004	150236	15410	150072
5DA006623-781	150235	PI-46	100245	30130-P06-006	150384	15440	150380
8EG008497-231	100533	PI-51	100299	30130-P07-A01	150388	15440	150380
8EG008497-561	100592	PI-55	100298	30130-P54-006	150236	15440	150380
8EW009100-151	160693	PI-57	100426	30130-P06-006	150384	15450	150088
8EW009100-201	160550	PI-58	100292	30500-PM3-005	150272	15600	150092
8EW009100-251	160547	PK-115	100280	30500-PM3-015	150272	15620	150157
8EW009100-301	160515	PM-165	100559	30500-PM5-A02	150269	15650	150160
8EW009100-311	160520	PM-166	100562	30500-PM5-A03	150269	15700	150068
8EW009100-371	160517	PM-167	100557	30500-PO1-005	150272	15750	150236
8EW009100-461	160513	PM-75	100246	30500-PO1-005	150272	15800	150091
8EW009143-401	160528	PM-79	100521	30500-PR4-A02	150271	15851	150097
8EW009160-671	160730	PN-120	100249	30500-PT0-005	150272	15857	150406
8EW009160-691	160732			30500-PT2-005	150270	15857	150406

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
INTER MOT continued							
15861.....	150173	51340.....	180009	80121.....	100257	CAC2263.....	070053
15865.....	150171	51491.....	180785	80122.....	100257	CAC4269.....	070053
15867.....	150379	51560.....	180734	80123.....	100258	CBC5657.....	070053
15871.....	150226	51590.....	180746	80130.....	100261	EAC2510.....	181014
15872.....	150172	51600.....	180790	80144.....	100303		
15875.....	150239	51650.....	180791			KHD	
15906.....	150417	51655.....	180757	INTERNATIONAL HARV.		454913.....	150074
18764.....	150361	51680.....	180726	3031556R91.....	090076	1177424.....	150056
18889.....	150339	51690.....	180734	711086R92.....	090016	1260837.....	090075
18919.....	150471	51720.....	180753	712082R92.....	090015	1260840.....	090076
19009.....	150496	52261.....	180852	712082R93.....	090015	1261834.....	090075
19600.....	181491	52261.....	180852	K850526.....	090076	1277476.....	090015
19601.....	181493	52302.....	180848			01286852.....	090202
19602.....	181494	52303.....	180861	ISKRA		01287472.....	090202
19603.....	181492	52310.....	180839	11720430.....	100580	1287479.....	090015
19604.....	181495	52400.....	180804	AEV1401.....	150055	1287480.....	090015
19605.....	181496	52410.....	180791	AEV140112.....	150055	1287481.....	090015
19606.....	181497	52641.....	180878			01287482.....	090202
19607.....	181498	52820.....	180808	ISUZU		1287485.....	090016
19609.....	181500	53510.....	180949	8-01979571-0.....	150063	1287489.....	090016
31522.....	070053	53510.....	180949	8-10496541-0.....	150239	1310021.....	090015
31522.....	070053	53600.....	180945	8-16017460.....	180557	3366125.....	090015
31522.....	070053	53600.....	180945	8-16137039.....	180557	3369488.....	090076
31526.....	070054	53646.....	180963	8-16140049-0.....	150063	3550549.....	090016
31526.....	070054	53650.....	180950	8-87210818-2.....	100555	4154913.....	150074
31526.....	070054	53650.....	180950	8-94025866-0.....	180875	4188108.....	090315
31526.....	070054	53660.....	180951	8-94109863-0.....	180751	8122184.....	090016
50011.....	181065	53660.....	180951	8-94208866-0.....	180875	12028248.....	090075
50014.....	181065	53690.....	180954	8-94221719-3.....	100245	12038254.....	090020
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50100.....	181005	54352.....	181201	8-94404545-0.....	150267	01287462-3-5-7.....	090227
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50108.....	181076	54500.....	181158	8-94511978-0.....	100275	0B63018911.....	180320
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50110.....	181014	54601.....	181182	8-97143674-1.....	100591	0K01118911.....	180317
50111.....	181064	54660.....	181147	9-82511978-0.....	100275	0K05418140.....	100515
50114.....	181064	54850.....	181183			0K2011810XB.....	150426
50120.....	181008	54850.....	181183	IVECO		0K2011810XC.....	150426
50130.....	181023	54855.....	181205	752785.....	090202	0K20166490A.....	180751
50130.....	181023	54880.....	181165	764898.....	150379	0K20C66490A.....	180751
50172.....	181077	54890.....	181165	1173764.....	090020	0K24718911.....	180317
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50550.....	180634	55102.....	180988	4740717.....	090187	27120-21050.....	150096
50560.....	180630	55450.....	180875	4756678.....	090187	27301-2452S0.....	150279
50570.....	180631	55450.....	180875	4757883.....	090187	27310-22000.....	150279
50570.....	180631	55509.....	180893	7612955.....	150167	27360-32800.....	150377
50590.....	180636	55509.....	180893	7648798.....	150379	28164-4A000.....	181495
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50680.....	180648	63210.....	180937	9462703.....	160424	35170-22010.....	180317
50690.....	180636	80001.....	100583	9922392.....	090227	35170-23000.....	180317
50690.....	180636	80001.....	100583	9981541.....	090202	36710-27000.....	100595
50690.....	180636	80001.....	100583	62190090.....	090202	36710-27010.....	100595
50710.....	180634	80003.....	100086	71445067.....	090315	36710-42000.....	100562
50740.....	180634	80011.....	100284	504051082.....	181495	36710-42020.....	100562
50810.....	180634	80020.....	100512	975301258.....	150055	36710-4A000.....	100651
50880.....	180630	80030.....	100079			36710-4A100.....	100651
50930.....	180630	80040.....	100303	JAEGER		39180-22040.....	150458
50938.....	181341	80041.....	100303	315566.....	181014	39180-22050.....	150458
50950.....	180635	80050.....	100294	336407.....	180937	39180-22060.....	150458
50960.....	180634	80100.....	100246	09477509.....	180950	39180-22090.....	150458
50970.....	180658	80110.....	100253	09745501.....	181023	39180-23000.....	150458
50981.....	180689	80111.....	100248	31556605.....	181005	39220-22010.....	180875
51000.....	180649	80112.....	100247	33540103.....	180937	39310-38050.....	150493
51015.....	180634	80112.....	100247	33640103.....	180937	39330-24750.....	180557
51031.....	180688	80112.....	100247	02JD61604.....	100622	39350-22040.....	150472
51316.....	180751	80120.....	100256			39350-23010.....	150472

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
93480-24100	181379	38890B	181183	DS026	100261	HDS262	100256
93840-24100	181379	54403549(2)	150055	DS027	100259	HDS266	100284
94750-11010	180641	54403575(2)	150055	DS028	100247	HDS267	100284
94750-11102	180641	80334A	150380	DS031	100249	HDS268	100270
94750-11110	180641	84403D	150072	DS032	100245	HDS271	100303
94750-21000	180641	84890D	150175	DS034	100275	HDS272	100286
94750-21010	180641	84896A	150072	DS043	100248	HDS273	100303
94750-21020	180641	8490D	150175	DS047	100256	HDS276	100287
94750-21030	180641	84950A	150072	DS052	100284	HDS280	100254
96056-317	150377	9490D	150380	DS053	100270	HDS283	100271
KOMATSU		BAE209C	150183	DS056	100303	HDS297	100331
122-3901-H91	090076	BAE504B	150185	DS057	100286	HDS302	100298
6008-15-1340	100280	BAE506D	150243	DS058	100303	HDS307	100614
KUBOTA		BAE507AK	150184	DS061	100287	HDS308	100615
15204-65511	100581	BAE800AK	150246	DS065	100254	HDS316	100079
15221-65513	100435	DAB101	150065	DS068	100271	HDS337	100511
15521-65512	100434	DAB118	150072	DS082	100331	HDS338	100299
15951-65512	100433	DAB125	150058	DS092	100614	HDS340	100276
16241-65511	100523	DAB126	150175	DS092A	100614	HDS341	100512
16241-65511	100644	DAB128	150071	DS093	100615	HDS342	100511
16261-65511	100523	DAB129	150072	DS093A	100615	HDS343	100512
16851-65512	100518	DAB132	150221	DS095	100616	HDS345	100292
19077-65510	100524	DAB133	150221	DS095A	100616	HDS346	100426
MDF44-7	090253	DAB134	150175	DS101	100079	HDS347	100294
MDF44-7	090253	DAB200	150055	DS122	100511	HDS349	100511
KÄSSBOHRER		DAB201	150055	DS123	100299	HDS350	100335
0055454532	160444	DAB202	150176	DSC02	160424	HDS352	100331
737515000	160443	DAB400	150056	DSC07	160427	HDS353	100511
8311999717	090076	DAB401	150057	DSC18	160417	HDS354	100339
73751591000	160441	DAB402	150075	DX1A	100511	HDS355	100323
83119997110	090076	DAB403	150074	HDC101	160423	HDS356	100534
LADA		DAB404	150154	HDC102	160424	HDS357	100320
363734	150074	DAB405	150098	HDC103	160425	HDS358	100306
2108373491010	150071	DAB406	150167	HDC104	160420	OPS101	180649
21080373491012	150071	DAB408	150173	HDC105	160418	OPS103	180649
21080373491070	150071	DAB413	150229	HDC107	160427	OPS104	180649
21083373491010	150071	DAB417	150238	HDC108	160416	OPS110	180634
21088373491080	150071	DAB700	150062	HDC111	160419	OPS112	180631
2101-3808600	180804	DAB701	150061	HDC113	160417	OPS113	180631
2101-3810600	180630	DAB702	150064	HDC114	160458	OPS115	180630
2103-3808800	181001	DAB750	150077	HDC115	160444	OPS116	180630
TY37-0031183	150071	DAB752	150067	HDC116	160441	SMB406	180009
TY370031183/85	150071	DAB800	150088	HDC117	160443	SMB418	180734
TY37-0031185	150071	DAB801	150165	HDC118	160442	SMB423	180790
LAMBORGHINI		DAB953	150071	HDC121	160428	SMB510	181179
245195200	090016	DAB954	150171	HDC122	160426	SMB511	181191
LIEBHERR		DAJ106	150091	HDC124	160438	SMB512	181182
7360197	090076	DAJ117	150097	HDC125	160436	SMB526	181201
LUCAS		DAJ204	150068	HDC126	160434	SMB528	181212
30972	181183	DAJ403	150092	HDC127	160421	SMB531	181194
34228	181235	DAJ902	150157	HDC128	160469	SMB539	180785
34542	180790	DAJ904	150236	HDS124	100258	SMB545	180757
35291	181205	DJL400	150275	HDS216	100511	SNB116	180839
35630	181236	DLB125	150210	HDS217	100511	SNB150	180950
35631	181183	DLB204	150185	HDS218	100511	SNB171	180848
35670	181235	DLB205	150183	HDS219	100512	SNB183	180852
36614	181237	DLB206	150184	HDS220	100086	SNB184	180878
84403	150072	DLB403	150192	HDS221	100511	SNB198	180937
84950	150072	DLB703	150187	HDS222	100303	SNB606	180959
84972	150072	DLB704	150196	HDS223	100512	SNB612	180963
84987	150221	DLB800	150243	HDS226	100566	SNB617	180969
84988	150221	DS001	100511	HDS229	100294	SNB618	180985
7990429	090384	DS002	100511	HDS230	100253	SNB700	180951
7990493	090385	DS003	100511	HDS232	100246	SNB701	180954
21411918	150232	DS004	100512	HDS233	100257	SNB702	180953
54324157	181465	DS005	100086	HDS234	100260	SNB703	180945
54401850	150065	DS006	100511	HDS235	100258	SNB708	180949
54987086	150175	DS007	100303	HDS237	100282	SNB713	181015
34933(2)	180746	DS008	100512	HDS238	100280	SNB714	181005
34933D(2)	180746	DS014	100294	HDS239	100251	SNB715	181104
		DS015	100253	HDS240	100252	SNB717	181014
		DS017	100246	HDS241	100261	SNB718	181008
		DS018	100256	HDS242	100259	SNB719	181023
		DS019	100260	HDS243	100247	SNB723	181001
		DS020	100258	HDS245	100256	SNB727	181009
		DS022	100282	HDS246	100249	SNB730	181021
		DS023	100280	HDS247	100245	SNB746	181064
		DS024	100251	HDS249	100275	SNB750	181065
		DS025	100252	HDS258	100248	SNB756	181088

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
LUCAS continued							
SNB768.....	181121	940038518.....	150176	BKL3C.....	150056	0000916501.....	090227
SNB785.....	181034	940038520.....	150062	BKL4A.....	150088	0000918401.....	090016
SNB792.....	181076	0940038522.....	150064	MTR01.....	150055	0000918501.....	090016
SNB793.....	181077	940038522.....	150064	MTR02.....	150057	0000919401.....	090016
SNB796.....	181104	940038525.....	150061	MTR2.....	150057	0000927901.....	090076
SNB809.....	180875	0940038526.....	150063	REP1A.....	160423	0000940948.....	181500
SNB814.....	180861	940038526.....	150063	SE138992100A.....	160427	0000941048.....	181500
SOB101.....	180649	940038527.....	150065	SEN8D.....	150333	0001500480.....	150425
SOB103.....	180649	0940038540.....	150067	SEN8E.....	150330	0001500580.....	150425
SOB104.....	180649	940038540.....	150067	SEN8M.....	150332	0001585303.....	150257
SOB500.....	180634	940038542.....	150077	MAGNETON (PAL/SKODA)			
SOB501.....	180634	940038544.....	150072	852018.....	180634	0001585403.....	150257
SOB502.....	180634	940038546.....	150221	852076.....	180634	0001585603.....	150258
SOB503.....	180658	940038550.....	150236	443213221020.....	150215	0001585803.....	150258
SOB507.....	180635	940038551.....	150097	TZP443213221020.....	150215	0001586103.....	150257
SOB510.....	180704	940038554.....	150092	MASSEY FERGUSON			
SOB600.....	180631	940038555.....	150091	2868360M1.....	090016	0001586203.....	150257
SOB601.....	180631	0940038570.....	150071	MAZDA			
SOB700.....	180630	940038570.....	150071	1345-18-501.....	180641	0001586403.....	150258
SOB701.....	180630	940038580.....	150232	1E00-18-221.....	150442	0001587003.....	150424
SOB702.....	180630	940038603.....	150075	1E00-18-501.....	180636	0001587103.....	150424
SOB711.....	180689	940138501.....	150055	1E00-18-501A.....	180636	0001590001.....	100331
SOB712.....	180702	940385521.....	150058	1E03-18-194.....	150459	0001592501.....	100079
SOB802.....	180636	0941038520.....	150062	1E03-18-194A.....	150459	0001592601.....	100079
SOB807.....	180641	060705604010.....	150243	1E04-18-10X.....	150416	0001596001.....	100079
SPB400.....	180790	060705738010.....	150184	1E04-18-760.....	180893	0001596101.....	100079
SSB100.....	181476	060708038010.....	150246	1E04-18-760A.....	180893	0001597501.....	100511
SSB101.....	181476	062500300304.....	100650	3F01-18-251.....	150160	0001597701.....	100511
T1W6A.....	100086	062900011304.....	100639	8174-24-910.....	150068	0001598301.....	100511
TGE426A.....	160376	062900030304.....	100642	8574-24-910.....	150068	0001598901.....	100295
TIX1A.....	100512	064342204010.....	160671	8630-18-911.....	180320	0001599601.....	100511
TIX2A.....	100511	064342210010.....	160671	AM15-18-V20.....	150096	0001599901.....	100511
TIX4A.....	100511	064342601010.....	160376	B303-18-V20.....	150417	0004770002.....	090076
TIX6A.....	100511	064820083010.....	150183	B365-18-501.....	180641	0005454214.....	181197
UX1A.....	100086	064820084010.....	150330	B366-18-501.....	180641	0008601326.....	160197
UX2A.....	100511	064820150010.....	150332	B367-18-501.....	180641	0008602026.....	160197
UX4A.....	100511	064833010010.....	150058	B541-18-V20.....	150234	0008603326.....	160197
UX5A.....	100294	064833020010.....	150055	BP01-18-251.....	150371	0008603526.....	160197
UX7A.....	100284	0648330301010.....	150165	E730-12-4910.....	150096	0010910401.....	090016
UX8A.....	100512	64833031010.....	150165	F210-12-4910.....	150096	0010911101.....	090202
UX9A.....	100511	064833032010.....	150056	F210-18-100.....	150275	0010911201.....	090016
UXA2.....	100511	064833036010.....	150165	F210-18-100B.....	150275	0010911501.....	090015
MAGNETI MARELLI							
34542.....	180790	64833040010.....	150088	F211-18-100A.....	150275	0010912701.....	090016
34933.....	180746	64833060010.....	150057	F829-18-V20.....	150160	0010912701.....	090015
07029585.....	100511	64833100010.....	150057	FEFB-18-V20.....	150160	0010917801.....	090020
9940096.....	150088	116451089902.....	180702	G601-18-10X.....	150523	0010917801.....	090020
54403549.....	150055	116451119903.....	180704	G601-18-V20.....	150235	0010919501.....	090075
54403575.....	150055	116459169917.....	180631	G602-18-V20.....	150235	0011590001.....	100331
60705604.....	150243	116459169925.....	180631	G602-18-10X.....	150523	0011591501.....	100327
60705701.....	150184	116459169926.....	180630	G607-18-10X.....	150523	0011591601.....	100339
60705738.....	150184	116580459904.....	180945	G608-18-10X.....	150523	0011591701.....	100331
60708038.....	150246	116580679904.....	181021	G622-18-10X.....	150523	0011592001.....	100339
60708138.....	150420	116580729901.....	181001	G623-18-10X.....	150523	0011592101.....	100339
64820083.....	150333	116580729908.....	181009	JE15-18-V20.....	150235	0011592201.....	100332
64820084.....	150330	116580729913.....	181005	JE48-18-10XB.....	150523	0011592201.....	100332
64822032.....	150056	116580739902.....	181009	JE49-18-10XB.....	150523	0011592601.....	100337
64833010.....	150058	116580739927.....	181005	JF01-18-100B.....	150275	0011592701.....	100539
64833020.....	150055	116596409901.....	180804	JF01-18-251.....	150160	0011592801.....	100537
64833031.....	150165	581701010000.....	150165	REN1-18-601.....	100515	0011593501.....	100511
64833036.....	150165	581701020000.....	150165	RF2A-18-601.....	100547	0011593701.....	100537
064833040.....	150088	581701070000.....	150088	RFG1-18-601.....	100515	0011593801.....	100537
64833040.....	150088	581701080000.....	150057	RFR1-18-601.....	100515	0011594201.....	100537
64833060.....	150057	648330311010.....	150165	S210-18-140.....	100288	0011595001.....	100652
64833100.....	150057	943251060010.....	150098	S501-18-140.....	100261	0012012000.....	070192
64833131.....	150165	943251220010.....	150173	S501-18-140A.....	100261	0015454714.....	181197
940038500.....	150056	943251408010.....	150056	WL03-18-601.....	100520	0015458214.....	181197
940038501.....	150055	943251408010.....	150098	WLO1-18-601.....	100515	0015458632.....	150154
940038502.....	150057	943251486010.....	150098	WLO3-18-601.....	100515	0015459732.....	160441
940038503.....	150075	34933D.....	180746	Y701-18-601.....	100513	0015459832.....	160443
940038504.....	150171	BAE800EK.....	150419	YF09-18-10X.....	150416	0018305608.....	160631
940038505.....	150074	BAE801AK.....	150420	YF09-18-221.....	150442	0018351364.....	070206
0940038506.....	150154	BAE801EK.....	150419	YF09-18-230.....	150443	0020913101.....	090016
940038506.....	150154	BAE920A(2).....	150405	ZZM1-08-033A.....	150168	0020916001.....	090015
940038507.....	150172	BAE920AX(2).....	150405	MERCEDES BENZ			
940038508.....	150098	BKL1A.....	150058	0255455432.....	160449	0020917201.....	090020
0940038510.....	150173	BKL2A.....	150055	0000910001.....	090016	0025424232.....	160442
940038510.....	150173	BKL3B.....	150165				
		BKL3BD.....	150165				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
0025451832	150154	MB596608	180751	IG-F533HV	150168	TPD1010	160426
0025452632	150154	MC840219	180641	IG-F534HV	150168	TPD512	160424
0025454032	150154	MD001482	180641	IG-FT001H	150088	TPD612	160425
0025454232	160442	MD001483	180641	IG-FT002	150176	TPDSG612	160451
0025454332	160442	MD017430	180641	IG-FT004	150165	TPF612	160416
0025455832	150154	MD021566	180641	IG-H004CH	150074	TPPF612	160469
0025455932	150154	MD021567	180641	IG-H004H	150056	TPPSS712	160421
0025455932	150397	MD050212	100246	IG-H005H	150075	TPPSS712	160422
0025459032	150154	MD070194	100562	IG-H006	150098	TRM1212	160438
0028301508	160564	MD077167	100562	IG-H006C	150167	TRMC1212	160439
0030911401	090075	MD092392	100310	IG-H007H	150071	TRMF1212	16045
0030912701	090019	MD129550	150377	IG-H008	150397	TRMK1212	160438
0031585001	150516	MD132243	150377	IG-H010	150154	TRMN1212	160439
0035451632	150154	MD138993	180641	IG-H012	150171		
0035451732	150154	MD164475	150377	IG-H013	150172	NEC	
0035452532	160444	MD197511	100510	IG-H016K	150227	MC5357	150097
0035454032	150154	MD344469	100557	IG-HD002	150097	MC8132	150236
0035454132	150154	MD607364	150068	IG-HD003	150236	MC8183	150236
0041530728	150503	MD607409	150417	IG-M001	150068	MC8541	150236
0041536928	150503	MD607478(2)	150068	IG-M004H	150096		
0045452614	180648	MD607814(2)	150096	IG-M004HV	150096	NEW HOLLAND	
0054524532	160444	MD611384(2)	150096	IG-M005	150160	82006984	070134
0058205010	160794	MD611384(2)	150377	IG-M007	150234		
0065453724	180959	MD618268	150377	IG-M009	150377	NGK	
0065459024	181000	MD618293	150378	IG-M010	150378	1239	100512
0075451632	160448	ME200970	100563	IG-M011	150371	1249	100271
0075459832	160445	ME201632	100559	IG-M011	150371	1250	100511
0075459932	160447	ME201638	100563	IG-M011	150371	2188	100259
0085450032	160446	ME203583	100559	IG-M012	150235	2190	100282
0125458832	160705	ME203754	100559	IG-N5016	150398	2408	100436
0125458932	160706	MM401621	100581	IG-NS002	150091	2431	100252
0135427817	181410	MM409510	100521	IG-NS008	150221	2643	100329
0185457232	160707	MW30899625	181191	IG-NS009	150221	2728	100249
0255455432	160449			IG-REN01	150232	2785	100331
1130940048	181500	MOBILETRON		IG-REN03	150237	3413	100645
1408218351	160794	CE-02	150187	IG-SK001	150215	3782	100283
1408218451	160794	CE-03	150196	IG-T001	150092	4389	100650
1408690221	160679	CE-04	150183	MOTORCRAFT		4479	100303
2218690121	160379	CE-08	150246	DG435	150281	4602	100284
6388600126	160197	CE-17	150247	DG435	150281	4751	100303
9094302225	160794	CE-20	150184	DG435	150281	5116	100515
A0011595001	100652	CE-24	150259	DG435	150281	5274	100335
A0028301508	160564	CE-28	150505	DG435	150281	5376	100260
MITSUBISHI		CE-29	150415	DG435	150281	7464	100515
9475021010	180641	CE-30	150434	DG435	150281	7825	100280
9475021020	180641	CE-33	150419	DG435	150281	47221	100562
9475021030	180641	CE-38	150433	EDG-27	150210	7-207	100512
30A6000200	070213	CE-39	150278	EDG-43	150281	CX-01	100325
CYGS065A	150157	CE-42	150441	EDY4(2)	150067	CY-01	100302
DYE923	150068	CE-44	150405	EDY7(2)	150077	CY-02	100326
EJN902	150096	CE-45	150508	EDY8	150057	CY-03	100513
J007T00371	150068	CE-48	150394	SW978	180636	CY-05	100563
J007T01571	150234	CE-51	150509	MOTOROLA		CY-07	100510
J007X00671	150160	CE-56	150428	AM2	150058	CY-08	100336
J007X00812	150417	CE-61	150430	GM1	150058	CZ-01	100324
J007X00871	150160	CF-46	150416			CZ-22	100555
J007X00872	150235	CG-16	150403	MWM		Y-103V	100433
J007X00971	150377	CT-01	150265	008379050055	090020	Y-104	100275
J007X01172	150234	IG-B002CH	150167	302509900018	090075	Y-104R	100245
J007X01175	150234	IG-B002H	150055	305209900020	090020	Y-106	100434
J007X01271	150377	IG-B005	150173	305209900038	090075	Y-106-1	100435
J007X02772	150235	IG-B010	150226	305209900039	090020	Y-106V	100434
J009T02071	150377	IG-B018K	150435	605202000021	090016	Y-107R	100261
J106	150068	IG-B018K	150435	605202030027	090075	Y-107T	100286
J117	150160	IG-D1906	150058	605202030028	090015	Y-107T	100286
J120	150234	IG-D1907H	150065	605202030031	090202	Y-107V	100634
J121	150377	IG-D1908H	150072	605202030033	090075	Y-110	100581
J131	150221	IG-D1910H	150057	605202040003	090227	Y-112M-1	100251
J152	150096	IG-D1912	150175	905202000021	090016	Y-112R-1	100254
J153	150378	IG-D1951	150064	NAGARES		Y-112T	100247
J170	150234	IG-D1951H	150064	BED712	160795	Y-114T	100521
J170A	150234	IG-D1952HV	150061	BRE512	160718	Y-115T-1	100246
J207	150417	IG-D1959H	150062	BRE612	160719	Y-117RS	100253
J208	150235	IG-D1961HV	150063	PPC512	160434	Y-118R	100258
J5T23071A	150493	IG-D1978	150239	PPC712	160436	Y-118T	100260
J701	150371	IG-D1979	150239	RTP612	160461	Y-118T-1	100260
J862	150512	IG-D1980HV	150239	TDP1212	160423	Y-128T	100256
J9T03372	150377	IG-F138H	150067				
MB487644	180751	IG-F425HV	150077				

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
NGK continued							
Y-145T	100636	11065-T8202	100254	1208306	150524	1845790	160549
Y-146R	100257	11065-T8203	100252	1208307	150521	1845791	160549
Y-147T	100270	11065-V0700	100248	1211560	150062	4401810	180905
Y-162R-1	100252	11065-V0701	100248	1211561	150064	4402309	181064
Y-178T	100280	11065-V7202	100325	1211582	150063	4402560	150404
Y-181T	100249	11065-V7203	100324	1211591	150063	4402729	150465
Y-197R	100259	22020-03A00	150091	1214032	100627	4408389	150505
Y-197T	100282	22020-0B000	150221	1214035	100555	4409990	160795
Y-204TS	100512	22020-15M00	150091	1214065	100555	4414098	150465
Y-204TS-1	100248	22020-15M20	150091	1214300	100583	4506156	160795
Y-204V	100512	22020-15U20	150091	1214301	100555	4772216	180808
Y-205RS	100271	22020-53E17	150221	1214303	100086	6235667	150488
Y-206T	100511	22020-53J10	150221	1214304	100511	6237752	150062
Y-207	100512	22020-53J20	150221	1214305	100511	6237753	150063
Y-207TS	100512	22020-55Y00	150221	1214306	100511	6237754	150064
Y-208T	100511	22020-56E11	150221	1214307	100511	6237777	150175
Y-403T	100086	22020-56E16	150221	1214308	100298	6238000	150486
Y-404	100566	22020-56E17	150221	1214309	100299	6238098	150469
Y-503R	100436	22020-70J00	150221	1214310	100426	6238101	150504
Y-504J	100533	22020-71J00	150221	1214311	100292	6238109	150468
Y-517J	100646	22020-G5111	150160	1214312	100292	6238179	181395
Y-55RS	100276	22020-P4005	150091	1214316	100628	6238317	180875
Y-701J	100520	22433-08000	150273	1214317	100511	6238376	150450
Y-702U	100522	22433-51J10	150273	1214319	100511	6238377	150485
Y-703R	100511	22433-53J20	150273	1214427	100527	6238393	150449
Y-705RS	100271	22433-55S10	150273	1214457	100544	6238422	181395
Y-707RS	100287	22433-56E11	150273	1214459	100591	6238927	180557
Y-709R	100523	22448-00QAA	150505	1237306	150173	9018201	100544
Y-709R	100644	22680-7F400	181498	1237334	150380	9196669	100594
Y-710R	100292	22680-7F425	181498	1237464	150380	13411010	181034
Y-711R	100299	23731-AW300	150465	1237504	150063	22127653	160197
Y-711RS	100426	23750-00QAB	150465	1237539	150387	82511978	100275
Y-715R	100291	23750-00QAH	150404	1238228	150485	88900717	100538
Y-716RS	100524	25240-89911	180641	1238358	150361	88900718	100539
Y-729	100307	28810-G9708	160395	1238364	150351	88900729	100650
Y733J	100557	28810-G9709	160396	1238532	160416	90006499	150098
Y-741U	100527	PRW1A	150221	1238537	160416	90019495	100086
Y-755RS	100276	PRW2	150221	1238565	160416	90020443	070053
Y-901R	100511	PRW2A	150221	1238788	180557	90033357	100086
Y-902R	100511			1238937	150487	90040991	100303
Y-907R	100303	OKI		1238938	150474	90040992	160416
Y-908R	100511	MNE-300	150097	1238983	150353	90051950	100511
Y-909R	100284	MNE-301	150236	1239260	181150	90062964	150098
Y-910R	100303	MNE-302	150236	1239266	181182	90093867	100511
Y-911R	100303	MNE-303	150236	1239271	181182	90093897	100511
YE01	100518			1239433	180753	90166155	100511
YE04	100593	OPEL		1240554	180751	90188755	150098
		120865	150519	1240591	180753	90210824	100511
NISSAN		592790	150055	1245789	160549	90228928	160416
01436-00QAB	150404	594502	150055	1252506	180630	90240651	160416
01501189-0	160327	594503	150055	1252555	181341	90241775	150173
11065-0W801	100336	594548	150055	1252573	181341	90243618	150175
11065-10G00	100271	815004	070053	1280243	150098	90292723	070053
11065-16A011	100271	815005	070053	1337464	150175	90296502	150173
11065-16A05	100253	815011	070053	1338444	180875	90320586	150173
11065-16A15	100253	815701	180557	1338448	180808	90349944	070053
11065-2W202	100578	826924	180317	1338451	180875	90350787	150173
11065-2W211	100578	1207248	150055	1338458	180875	90360315	150175
11065-31N00	100306	1208002	150282	1338467	181395	90383817	160549
11065-31W00	100247	1208004	150282	1338506	180636	90421995	160548
11065-31W01	100247	1208008	150525	1338511	181395	90443900	150519
11065-31W02	100247	1208033	150056	1341010	181034	90444189	150387
11065-34W00	100251	1208037	150056	1341030	181088	90444650	150379
11065-43G01	100287	1208038	150098	1342561	180808	90448286	070203
11065-57J00	100326	1208040	150173	1342567	180808	90449572	150519
11065-5C900	100326	1208045	150173	1342568	180808	90449574	150379
11065-63G00	100562	1208048	150187	1450156	160197	90450998	160549
11065-65N01	100336	1208052	150098	1450174	160197	90462248	150387
11065-AD200	100653	1208054	150196	1450182	160197	90464952	160416
11065-AD201	100653	1208056	150098	1605130	150061	90487858	100511
11065-AP200	100560	1208057	150173	1808068	160547	90509271	070203
11065-C8600	100276	1208063	150403	1845021	160547	90510089	160549
11065-D9701	100302	1208070	150196	1845035	160547	90510924	100511
11065-D9702	100302	1208071	150278	1845038	160547	90529673	181495
11065-G2400	100306	1208074	150379	1845057	160547	90543282	181495
11065-G5501	100302	1208241	150056	1845089	160879	91159996	150505
11065-T3470	100249	1208243	150098	1845110	160879	93178047	100627
11065-T8200	100254	1208246	150056	1845786	160548	94221719	100245
11065-T8201	100252	1208248	150055	1845789	160549	94241449	100245

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
94255588	100245	596158	100511	97530125	150055	1338.55	181373
94319700	100292	596274	100511	97530780	150183	1338C7	181395
94402303	100299	597042	150184	97531206	150184	16281E	180317
94439218	100298	597043	150183	97531304	150057	1628L1	180317
94439218	100298	597045	150247	97531922	150055	1628L4	160424
94481972	100426	597048	150259	97532831	150055	19204S	180557
97080554	100336	597049	150260	97533831	150055	19205T	150456
97143674	100591	597053	150252	7563225100	100566	19205V	150455
594531(2)	150055	597077	150506	7700591730	181152	19206T	150457
594533(2)	150055	597078	150522	7910013785	180950	19207P	150482
594539(2)	150055	597079	150522	7910014016	180950	19208S	150481
594560(2)	150055	598110	160423	7910014017	180950	1920AV	150479
90187341(2)	150056	598111	160424	7910035100	150055	1920AW	150478
90297786(2)	150173	598113	160423	7920076593	160423	1920C3	150343
90397486(2)	150173	598115	160424	7932564528	100511	1920CP	150480
9150494480(2)	150055	598116	160431	7932565492	100566	1920EN	150475
9150633880(2)	150055	598119	160432	7932567717	100511	1920FP	150475
97532831(2)	150055	598120	160431	7932567718	100511	1920J7	180559
PERKINS		598121	160436	9150491280	150055	1920K8	181231
3028666	090254	598124	160434	9150494480	150055	1920L1	150447
3028666	090254	598126	160436	9150633880	150055	1920W9	150343
7990350	090383	598127	160436	9150771880	100511	1920Z4	180317
26660122	100619	598131	160453	9150861080	100511	2257.17	181152
2848A275	090225	644178	160565	9151404980	070053	2257.22	181156
2848A279	090225	644193	160561	9151586980	160424	2257.33	181201
5836B100	090404	644195	160518	9151819080	070054	2257.34	181194
		644196	160560	9153664680	100511	2257.40	181194
PEUGEOT		5471660	070053	9153880680	070053	2257.41	181201
024246	180875	5974555	150057	9153880780	070054	4534.06	180726
024268	180937	9607312	150379	9250883280	160423	59622Z	100335
113198	180689	75454205	181156	9250888280	160423	59623C	100533
126403	181008	75491289	181156	9251586780	160424	59623E	100533
126404	181009	75513845	150058	9251586980	160424	59623H	100541
126405	181014	91504912	150055	9453130480	150057	59623J	100541
126406	181104	91514046	181008	9456130480	150057	59624J	100436
126409	181014	91514549	180875	9549299580	160423	59627F	100533
126412	181014	91514733	181152	9549360880	180951	59627G	100533
126413	181009	91519272	180954	9600978380	100303	5962J2	100511
126414	181008	91521849	100511	9604807080	150098	5962J4	100511
126415	181014	91521918	100511	9607361280	150379	5962J5	100511
126416	181104	92515667	160424	9613572480	100541	5962J6	100511
126420	181023	94048070	150098	9616582380	160436	5962K5	100511
126426	181076	94531104	150057	9616582480	160434	5962R8	100511
126432	181089	95493206	100511	9633214380	100541	5962S8	100511
126437	181076	95493258	181015	9633475780	150482	5962T1	100511
126440	181076	95493608	180951	9635864980	150522	5962T3	100511
133850	180875	95495591	180953	9635884880	150522	5962T7	100511
133857	180875	95534787	160423	9636997880	150520	5962W2	100335
145059	070053	95534788	100511	9639912580	160453	5962W3	100335
145070	070054	95579683	180953	9639999880	150478	5962W8	100511
168093	080994	95630939	181104	9639999980	150479	5962X1	100511
225734	181194	95658442	160518	9640627780	150475	5970.80	150520
225740	181194	95658443	160560	9752287580	150055	6434.60	160629
225741	181201	96009783	100511	9753012580	150055	6441G4	160561
453411	180785	96010513	150183	9753130180	150057	6441L0	160562
453421	180785	96018108	181201	9753130480	150057	MKD00066	100511
591881	150343	96018110	181194	9753283180	150055	MKD00068	100303
591887	150343	96018422	180937	0242.12	181005	MKP00064	100511
592789	150058	96033248	181373	0242.18	180950	MKP00065	100511
594525	150055	96040821	180785	0242.26	180954	MKP00067	100511
594533	150055	96048070	150098	0242.30	180953	MKP00068	100303
594539	150055	96053749	160431	0242.33	180951	MKP00069	100511
594545	150057	96073612	150379	0242.36	180950		
594551	150098	96076258	100303	0242.37	180951	PORSCHE	
594554	150379	96104689	100511	0242.43	180953	043906091	070053
594555	150057	96117510	160431	0242.46	180875	90161357101	180634
594560	150055	96123564	181064	0242.49	180954	92860270601	150098
594607	180557	96131733	150447	0242.68	180937	92860810401	070054
594609	180557	96138637	181076	11264.12	181014	92860810402	070054
596012	100593	96141677	160432	1131.98	180689	92862817200	160197
596019	100593	96141678	100511	1192.W5	181495	94460612500	180875
596076	100622	96165724	100511	1264.03	181008	94460810200	070054
596118	100566	96165734	100335	1264.04	181009	94460810201	070054
596139	100511	96165823	160436	1264.13	181009	94460810203	070054
596140	100511	96165824	160434	1264.14	181008	94460810204	070054
596153	100511	96236383	100533	1264.26	181076	94460810205	070054
596154	100511	96252036	160432	1264.37	181076	94460810206	070054
596157	100511	96389858	100533	1264.40	181076	99360270600	150379
		97522876	150055	1338.10	181373	191905351A	150075

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PUROLATOR		0854310700.....	090227	7700855358.....	070053	ERR7171.....	181500
40108.....	070201	0854672000.....	090076	7700855719.....	150344	ETC8847.....	100307
40151.....	070202	0855957600.....	181014	7700855865.....	100511	GAE191.....	181165
40222.....	070076	0870363800.....	090016	7700856238.....	100511	GAE191A.....	181165
50107.....	070191	5000409614.....	160417	7700856789.....	160438	GCL195.....	150270
60107.....	070191	5000788764.....	090075	7700863020.....	150429	GCL201.....	150432
480532.....	070176	5000812388.....	090020	7700863021.....	150430	GPS101.....	180649
40106N.....	070188	5001001587.....	100511	7700863454.....	160438	GPS126.....	180649
42353N.....	070200	6001008001.....	070053	7700863626.....	160439	GPS131.....	180649
42764N.....	070199	7401269084.....	150056	7700866727.....	160451	GPS133.....	180649
PVL.....		7401275174.....	150226	7700867374.....	160438	GPS137.....	180634
101412.....	150210	7439146108.....	150496	7700869343.....	180905	GTR204.....	180875
101-500.....	150250	7700100589.....	150415	7700870715.....	160452	HCJ100110.....	160436
REMY (DELCO)		7700100635.....	100592	7700872265.....	150420	MHK000230.....	181500
830931.....	150058	7700100643.....	150434	7700875000.....	150505	MHK100800.....	181500
1533565.....	180746	7700100940.....	100592	7701006410.....	090016	MHK101070.....	181495
1533636.....	180746	7700101968.....	181397	7701011757.....	090015	NCJ100110.....	160436
1875990.....	150058	7700101969.....	150414	7701021955.....	150058	NEC000040.....	150427
1894322.....	150058	7700101970.....	150404	7701029762.....	100511	NEC100630.....	150432
1975617.....	150061	7700102036.....	160439	7701031135.....	150185	NEC101000.....	150427
1976908.....	150061	7700103674.....	100646	7701034407.....	180317	NJL100030.....	150236
1978778.....	150062	7700107177.....	150505	7701034874.....	160566	NJL100040.....	150236
1987465.....	150239	7700107269.....	150419	7701039387.....	100511	NJW100030.....	150236
1987466.....	150239	7700107794.....	160461	7701041607.....	150429	NJW100120.....	150388
1988500.....	150061	7700108073.....	150460	7701041608.....	150430	PEJ10007.....	180937
1989747.....	150239	7700109860.....	160718	7701044974.....	080940	PRC1039.....	181183
3474232.....	150187	7700111323.....	100436	7701045695.....	080942	PRC5020.....	160424
7033103.....	150064	7700111525.....	160719	7701045786.....	080994	RTC4512.....	181183
7954117.....	180660	7700113357.....	150505	7701047921.....	180317	TKC6761.....	181165
9348922.....	150058	7700113552.....	150465	7701348194.....	181008	UMB10001.....	181194
10496048.....	150239	7700115078.....	160795	7701348716.....	181152	UMB10003.....	181212
10496541.....	150239	7700260678.....	070054	7701348734.....	160438	UMB100050.....	181194
10496784.....	150239	7700267774.....	070054	7701348765.....	181014	SAGEM	
13010888.....	150065	7700274008.....	150433	7701348772.....	180950	2526051A.....	150429
13010892.....	150063	7700300992.....	150492	7701349475.....	100511	2526052A.....	150430
13017433.....	150062	7700414988.....	181367	7701349694.....	181014	2526110A.....	150429
16010888.....	150065	7700618658.....	181014	7701349943.....	100511	2526111A.....	150430
16010892.....	150063	7700622019.....	181014	7701414081.....	100303	2526114A.....	150415
16015130.....	150061	7700673874.....	100511	7701414083.....	100303	2526115A.....	150434
16017433.....	150062	7700687710.....	070053	7701414086.....	100511	2526151A.....	150433
93488922.....	150058	7700701130.....	100511	7701414089.....	100303	SAVIEM	
15-8345.....	160250	7700702747.....	160425	7701414162.....	100511	5000242265.....	090015
D1906.....	150058	7700704185.....	100511	8200012099.....	100646	5121017024.....	090202
D1948.....	150061	7700706876.....	180557	8200051128.....	150441	SCANIA	
D1951.....	150064	7700715768.....	100511	8200084401.....	150441	207783.....	090076
D1952.....	150061	7700720341.....	150337	8200154186.....	150505	210787.....	090227
D1956.....	150061	7700722070.....	150229	8200208611.....	150505	269342.....	090075
D1957.....	150063	7700722393.....	070053	8200380267.....	150505	319792.....	090019
D1958.....	150063	7700725811.....	150337	8200468645.....	150404	347102.....	090019
D1959.....	150062	7700728637.....	150340	8200517313.....	100646	367624.....	090019
D1961.....	150063	7700728638.....	150340	8200568671.....	150505	1123841.....	090075
D1963A.....	150061	7700728639.....	150337	8543108001.....	090227	1392755.....	160704
D1968.....	150061	7700732263.....	150229	8671004018.....	100511	1858661.....	160704
D1978.....	150239	7700732300.....	150337	8933000153.....	180557	2573826.....	150056
D1979.....	150239	7700732506.....	181152	9611751080.....	160431	4395612.....	070203
D1980.....	150239	7700733076.....	100511	9632889780.....	150481	SEV	
D1990.....	150239	7700733390.....	160429	9633001580.....	150506	73503702.....	150055
D1993.....	150239	7700737571.....	180905	7700103069A.....	150404	SIEM	
SU31.....	180808	7700739792.....	150337	7700113357A.....	150505	05879900.....	160423
RENAULT		7700739793.....	150340	7700867558C.....	160461	06421900.....	160424
0003005810.....	090076	7700739794.....	150340	7700870715A.....	160452	08110900.....	160425
0003020500.....	090227	7700741144.....	100511	7700870715B.....	160452	SIEMENS	
0003020501.....	090016	7700747549.....	150342	8200154186A.....	150505	17-5607.....	150055
0003020504.....	090015	7700749146.....	150229	ROVER		257612.70-01.....	150056
0003020510.....	090075	7700751089.....	160425	NJW100120.....	150388	5WK0611.....	150278
0024571084.....	090016	7700757776.....	160425	NJW100120.....	150388	5WK6101.....	150056
0024571087.....	090202	7700759441.....	181014	NJW100120.....	150388	5WK6102.....	150075
0024866058.....	090227	7700771786.....	180963	ROVER GROUP		5WK6105.....	150056
0025835028.....	090020	7700778780.....	181191	13H3735.....	180746	5WK6113.....	150154
0025838009.....	090202	7700782503.....	181064	ADU9830.....	100511	5WK6208.....	150380
0025838017.....	090227	7700786460.....	180963	AU1649.....	070053	5WK6222.....	150175
0025838028.....	090020	7700790579.....	160438	BAU2445.....	181148	7733009138V.....	160693
0025838030.....	090075	7700796048.....	181064	BAU5332.....	150055		
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770852093.....	150232	7700851443.....	160438	ERC8450.....	100511		
0854210800.....	090227	7700852093.....	150229	ERR6045.....	150252		
		7700852662.....	150229	ERR6566.....	150252		
		7700854306.....	150420				

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
PM3511.....	160250	VA10-BP10C-61A.....	160584	SUZUKI		SAAB	
PM3789.....	160528	VA10-BP50C-25A.....	160584	1855078E00.....	100515	4023149.....	150098
S100620003.....	150293	VA10-BP50C-61S.....	160737	15100-85501.....	070213	4086708.....	181001
S102020001C.....	150232	VA10-BP9C-25A.....	160584	33370-641311.....	150377	4232666.....	181182
S102020003B.....	150237	VA11-AP7/C57A.....	160539	33370-64B11.....	150377	4366746.....	160547
S102020003B.....	150238	VA11-AP7C-29A.....	160539	33370-82032.....	150160	4366944.....	160547
S102030002A.....	150232	VA11-AP7C-57S.....	160911	33410-64810.....	150275	4395612.....	070203
S105548001E.....	150414	VA11-AP8C-57A.....	160539	37820-73000.....	180641	4617668.....	181182
S105757001E.....	150404	VA11-BP12/C57S.....	160714	37820-79600.....	180641	4660585.....	181395
S105757001Z.....	150404	VA11-BP12-57S.....	160714	37820-82000.....	180641	4661062.....	180317
S107306001A.....	150460	VA11-BP12C-57A.....	160587			4758272.....	160549
S119975001B.....	150404	VA11-BP7C-29A.....	160587	SWF		4758819.....	160547
SIMMS		VA15-BP1-39S.....	160738	116127.....	160817	4770228.....	180875
506791.....	090244	VA15-BP70LL-39A.....	160907	116181.....	160815	4772208.....	181395
SOLEX		VA15-BP70LL-39S.....	160738	402227.....	160031	4772307.....	181395
16070007.....	180559	VA18-BP10C-41S.....	160595	402229.....	160033	4773586.....	181395
16070027.....	181231	VA18-BP13-42S.....	160595	402230.....	160032	5341391.....	181395
16070047.....	181231	VA18-BP14-1MA.....	160777			5959283.....	181395
SPAL		VA18-BP14-1S.....	160595	SYNCHRO-START		7503600.....	150098
005-A45-02.....	160510	VA18-BP51C-41S.....	160595	150212C3U1B1S1A.....	090160	7503800.....	150098
006-A22-26D.....	160639	VA18-BP70/LL-41MS.....	160595	150212C7U2B2S7.....	090224	8547572.....	181001
006-A40-22.....	160736	VA18-BP70LL-41MA.....	160777	150224C3U1B1S2A.....	090161	8573826.....	150056
006-A46-22.....	160647	VA18-BP70LL-86A.....	160777	1502ES12C3U1B2S1.....	090109	8593477.....	160197
006-A54-22.....	160511	VA18-BP70LL-86S.....	160595	1502ES24C3U1B2S2.....	090110	8857195.....	180317
006-B29-26D.....	160596	VA34-AP70LL-36A.....	160739	1503ES-12A5SUC9SCC28.....	090268	8980534.....	150075
006-B40-22.....	160557	VA34-AP70LL-36S.....	160913	1503ES-12A5SUC9SCG28.....	090268	9177213.....	181395
006-B46-22.....	160556	SSANG YONG		1503ES12A5UC5S.....	090216	9228317.....	160879
006-B50-22.....	160512	0000940548.....	181500	1503ES12A5UC9S.....	090373	9357021.....	180875
008-A37C-42D.....	160593	0001587003.....	150424	1503ES24A5UC5S.....	090402	9367798.....	070054
008-A45-02.....	160483	0001587503.....	150424	175124A2U1BS1A.....	090297	9390220.....	150056
008-B45-02.....	160649	STANADYNE		200112E3U1B2S2.....	090168	9392911.....	070054
009-A22-26D.....	160592	ST26214.....	080873	200124E3U1B2S2.....	090169	9506379.....	160197
009-A70-74D.....	160592	ST26387.....	080926	2001ES12E3U1B2S2.....	090111	9542861.....	181395
009-B40-22.....	160594	ST28800.....	081176	2001ES24E3U1B2S2.....	090113	9543406.....	181395
010-A70-74D.....	160639	ST28801.....	081177	SA3405T.....	090224	TALBOT	
010-B29-70D.....	160596	STRIBEL		SA-3742-12.....	090095	0057189700.....	150055
010-B70-74D.....	160596	899019.....	160416	SA-3742-24.....	090099	7545420500.....	181156
A10-A70-74D.....	160639	899020.....	160416	SA-3765-12.....	090097	9150771580.....	100511
VA01-AP6-36A.....	160739	899028.....	160469	SA-3765-24.....	090101	9150771980.....	100511
VA01-BP1-36A.....	160584	899030.....	160419	SA-3776T.....	090216	9152191880.....	100511
VA01-BP70II-36S.....	160908	899045.....	160419	SA-3799-12.....	090096	9553478880.....	100511
VA01-BP70LL-36A.....	160584	899046.....	160419	SA-3799-24.....	090100	A50633880.....	150055
VA04-AP70LL-37A.....	160885	899047.....	160469	SA-3800-12.....	090098	B515867.....	160424
VA04-AP70LL-37S.....	160912	899102.....	160416	SA-3800-24.....	090102	TELEFUNKEN	
VA07-AP12C-31A.....	160537	899107.....	160420	SA-3991-12.....	090334	310310.....	150172
VA07-AP12C-58A.....	160537	899108.....	160444	SA-3999-12.....	090104	318738.....	150056
VA07-AP12C-58S.....	160910	899117.....	160458	SA-3999-24.....	090106	333231.....	150056
VA07-AP7C-31A.....	160537	899121.....	160416	SA-4014-12.....	090103	335622.....	150056
VA07-AP8C-58A.....	160537	899123.....	160444	SA-4014-24.....	090105	338738.....	150056
VA07-BP12C-58A.....	160799	899125.....	160416	SA-4026-12.....	090107	339373.....	150075
VA07-BP12C-58S.....	160597	899132.....	160418	SA-4026-24.....	090108	339700.....	150171
VA07-BP7C-31A.....	160906	899136.....	160421	SA-4180-12.....	090199	VWTS1.....	150172
VA07-BP7C-31S.....	160588	899138.....	160419	SA-4182-24.....	090200		
VA08-AP51C-23A.....	160914	899139.....	160421	SA-4228.....	090226		
VA08-AP51C-23S.....	160914	899149.....	160448	SA-4527.....	090281	TORRIX	
VA08-BP51C-23A.....	160909	899151.....	160445	SA-4561T.....	090373	101312.....	181156
VA08-BP51C-23S.....	160715	899152.....	160447	SA-4562T.....	090228	101519.....	181152
VA09-AP12C-27A.....	160598	899153.....	160446	SA-4564-12.....	090206	103224.....	181194
VA09-AP12C-27S.....	160601	899169.....	160422	SA-4567T.....	090402		
VA09-AP12C-54A.....	160598	899176.....	160417	SA-4569-T.....	090216	TOYOTA	
VA09-AP12C-54S.....	160601	899179.....	160441	SA4646-24.....	090267	01607-00030.....	160767
VA09-AP8-27S.....	160601	899180.....	160443	SA-4668-S.....	090268	19070-74170.....	150421
VA09-AP8C-27A.....	160598	899189.....	160416	SA-4744-12.....	090368	19500-74090.....	150421
VA09-BP12C-27A.....	160599	899195.....	160442	SA-4817-12.....	090206	19500-74091.....	150421
VA09-BP12C-27S.....	160600	SUBARU		SA-4850.....	090228	19500-74100.....	150421
VA09-BP12C-54A.....	160599	37820-82001.....	180641	SA-4863.....	090406	19500-74100.....	150421
VA09-BP12C-54S.....	160600	42995-7000.....	180641	SA-4899-12.....	090370	19850-0W01.....	100590
VA09-BP50C-27A.....	160599	49146-7401.....	150091	SA-4899-24.....	090371	19850-27010.....	100556
VA09-BP50C-27S.....	160600	82995-6100.....	180641	SA-4920-12.....	090206	19850-30010.....	100556
VA09-BP8C-27A.....	160599	82995-6101.....	180641	SA-4921.....	090228	19850-54010.....	100260
VA09-BP8C-27S.....	160600			SA-4934-12.....	090225	19850-54030.....	100260
VA10-AP10C-61A.....	160538			SA-5019.....	090268	19850-54031.....	100260
VA10-AP10C-61S.....	160536			SA-5157.....	090268	19850-54050.....	100258
VA10-AP9C-25A.....	160538			SA-5171.....	090160	19850-54070.....	100277
VA10-AP9C-25S.....	160536			SA-5174-12.....	090111	19850-54071.....	100277
				SA-5174-24.....	090113	19850-54090.....	100291
						19850-54120.....	100516
						19850-56012.....	100280

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
TOYOTA continued							
19850-56021	100256	HM356	150384	090116	090116	698046	160518
19850-56022	100256	LM118	150072	090160	090160	698080	160590
19850-58010	100431	LM133	150221	090161	090161	698192	160561
19850-64020	100283	LM506	150065	090168	090168	698216	160620
19850-64031-B	100283	MAP1101	180557	090169	090169	698217	160564
19850-64033	100283	MAP1101	180557	090199	090199	698381	160631
19850-64050	100514	MAP1201	180558	090200	090200	698448	160562
19850-67020	100429	MAP1201	180558	090210	090210	698806	160879
19850-67030	100429	MM671	150160	090224	090224	819744	181014
19850-68010	100270	MM671	150160	090226	090226	819745	181064
19850-68020	100282	MM671	150160	090297	090297	819749	181009
19850-68030	100256	MM671	150160	090348	090348	819752	181076
19850-68040	100280	MM671	150160	090370	090370	819757	181008
83530-10010	180641	MM671	150160	090371	090371	819758	181005
83530-10020	180641	MM671	150160	VALEO		819759	181001
83530-12010	180641	MM671	150160	03501	160358	819760	181023
83530-12020	180641	MM806	150068	102180	160423	819772	181104
83530-14010	180641	MM820	150235	102696	160424	819774	181021
83530-14030	180641	NM403	150236	105857	160423	819784	181065
83530-28030	180641	RM610	150071	245039	150247	2256009	150184
83530-30030	180641	UNIC		245040	150259	2256023	150185
89422-05010	180875	000768702	090020	245042	150196	2256026	150247
89422-05020	180875	004729585	100511	245049	150243	2256030	150243
89452-05010	180317	009928977	090016	245054	150185	2256048	150185
89452-32020	180320	061653833	090015	245057	150278	2256049	150196
89620-10090	150157	UNIPART		245059	150506	2256055	150278
89620-10120	150157	GCE161	150269	245094	150506	2256071	150192
89620-12340	150157	GCL201	150432	245097	150522	2528001	150176
89620-14210	150092	GPS101	180649	245510	150098	2528007	150057
89620-16070	150157	GPS106	180649	245513	150065	2528008	150055
89620-32010	150092	GPS109	180636	245514	150072	2595001	150065
89620-32020	150092	GPS117	180649	245515	150058	2595002	150072
90919-02135	150265	GPS118	180630	245516	150175	2595003	150058
90919-02163	150266	GPS126	180649	245518	150074	2595005	150074
90919-02164	150267	GPS140	180631	245519	150056	2595006	150055
90919-02209	150421	GPS141	180636	245520	150057	2595007	150056
CYGS0-65A	150157	GPS142	180634	245521	150075	2595008	150057
TRANSCO				245522	150062	2595009	150075
BM104	150227	GPS145	180635	245523	150064	2595010	150062
BM315	150397	GPS146	180634	245527	150088	2595011	150064
BM346	150379	GPS147	180641	245529	150232	2595013	150088
DM1906-B100	150058	GPS149	180658	245531	150171	2595016	150175
DM1906-B100	150058	GPS150	180630	245532	150172	2595017	150176
DM1906-B100	150058	GTR115	180808	245533	150067	2595018	150232
DM1906-B100	150058	IKC6761	181165	245534	150154	2595020	150171
DM1906-B100	150058	RTC4512	181183	245536	150098	2595021	150172
DM1906-B100	150058	UNIPOINT		245537	150165	2595022	150067
DM1906-B100	150058	CON-212	150101	245538	150071	2595023	150154
DM1959	150062	WB-1011S	160628	245539	150068	2595025	150098
DM1961-B100	150063	WB-1013S	160633	245542	150092	2595026	150165
DM1961-B100	150063	WB-1014S	160635	245544	150157	2595027	150071
DM1961-B100	150063	WB-1015S	160638	245550	150236	2595028	150068
DM1961-B100	150063	WB-1016S	160641	245551	150160	2595031	150092
DM1961-B100	150063	WB-1017S	160643	245600	160423	2595033	150157
DM1961-B100	150063	WB-1018S	160645	245603	160424	73100122	160423
DM1961-B100	150063	WB-1019S	160648	245604	160425	73101002	160423
DM1967	150063	WB-1020S	160650	245606	160429	73103402	160424
DM1978-B50	150239	WB-1021S	160653	245607	160438	73104822	160425
DM1978-B50	150239	WB-1022S	160655	245609	160431	73104902	160431
DM1978-B50	150239	WB-1024S	160661	245612	160431	73105002	160424
DM1980	150239	WB-1816S	160741	245615	160420	73506302	160431
DM1990	150239	WB-1818S	160745	245618	160432	73506802	160453
FM425	150077	WB-1819S	160748	255041	150260	73507202	160432
FM515	150077	WB-1820S	160750	509281	160566	102180M	160423
FM544	150168	WB-1821S	160753	509730	160548	2256026A	150247
HEC1004	150227	WB-1822S	160755	567766	160813	2256035A	150260
HEC1004	150227	WB-1824S	160761	567766	160814	2256037A	150259
HEC1004	150227	WB-1826S	160766	567920	160811	2256040A	150259
HEC4004	150231	WB-1828S	160771	567940	160816	2256055A	150278
HEC4004	150231	UNIVERSAL		567941	160818	2528001A	150176
HEC4004	150231	090109	090109	567942	160819	2528008A	150055
HEC4005	150228	090110	090110	567943	160820	C18P	100303
HEC4005	150228	090111	090111	567944	160821	CD308	150183
HEC4006	150234	090113	090113	567945	160822	CD321	150184
HEC4006	150234	090115	090115	567947	160824	CD325	150185
HM356	150384			567949	160826	CD328	150243
				643817	160453	CD330	150247
				698032	160565	CD331	150259
				698044	160560	CD338	150196

O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
CD339	150187	7302(2)	181009	333955651	160381	058905161B	150494
CD440	150278			357820021	160513	059906461A	181497
CD446	150192	VEMO		357905104	150228	059906461B	181491
CD604	150057	20-79-0001	160765	357911253	160460	059906461E	181497
CD605	150176	V10-08-0207	160682	357959263	160764	059906461EX	181497
CD856	150055	V10-70-0059	150513	377906051	181231	059919501A	181400
CD856	150098	V10-79-0001	160759	379905352	150171	059963319A	100538
CD862	150072	V10-79-0002	160760	431955651	160197	068919081A	180688
CD863	150058	V10-79-0004	160763	437955651	160197	06A904461L	181491
CD864	150380	V10-79-003	160762	443911261	160421	06A905115	150508
CD866	150074	V15-03-1852	160590	481945515	180734	06A905115A	150508
CD867	150056	V15-03-1867	160620	0489051051	150252	06A905161B	150495
CD868	150057	V15-03-1892-1	160768	0499195011	180839	06A905161C	150495
CD869	150075	V15-03-1893-1	160591	620805104	150227	06A906433C	150453
CD870	150062	V15-99-1959	160728	701905104	150231	06A906433K	150470
CD871	150064	V20-79-0001	160764	867905104	150227	06A906433L	150470
CD873	150088	V25-70-0001	150416	867905351	150172	06A906461	181491
CD875	150232	V30-77-0013	160794	867905352	150171	06A906461A	181493
CD877	150171	V40-03-1110	160548	893819021	160520	06A906461D	181491
CD878	150172	V40-03-1111	160549	893820021	160513	06A906461E	181491
CD879	150067			12141244089	150056	06A906461N	181491
CD880	150154	VW		12141244191	150056	06A919501	181410
CD882	150098	0003933681	180631	000VT5077	181491	06B133471	181491
CD883	150165	0003940685	100511	00A905105	150424	06B905115	150518
CD885	150065	0003940980	180630	01E941521	181194	06B905115B	150518
W962011T	160511	004050016	150227	01M927321	150461	06B905115E	150518
		004050104	150227	01M927321B	150466	06B905115G	150508
VALMET		0004318331	181001	020941521A	181148	06B905115H	150508
110180	090016	004435008	180875	020945415A	181212	06B905115J	150508
136760	090076	005566119	181212	021905106A	150516	06B905115L	150508
836007757	090076	021905106	150516	021906433E	150453	071906461A	181492
836330250	090020	021919081	180634	021919081A	180634	071906461B	181493
836431349	090016	025906041	180875	021919081B	180634	074906461B	181491
836007756V	090016	027919501	180839	021919081C	180635	078905381A	150360
		028906461	181496	025906041A	180861	078906433B	150453
VDO		028919081	180634	028907319B	150444	078919501B	181402
3080	180708	032905106	150396	028919081A	180634	078919501C	181400
246001	160197	032905106	150435	028919081B	180634	07K905715	150510
246.042	160197	034905381	150360	028919081D	180694	07K905715A	150510
246075	160197	035919561	180708	02K945415C	181456	095927321B	150467
246083002006G	160381	036905715	150509	02K945415D	181456	113945515H	180791
246083002014G	160382	037919369	180986	02T945415	181456	171911261A	160420
3732836001V0	160548	038906461	181491	030907601D	150489	171911261B	160420
804/006/005	180839	038907319	150444	030907901D	150489	171911261D	160421
		043906091	070053	032905106B	150396	171911261E	160421
VEGLIA		045906461	181491	032905106B	150435	171919521F	180949
1103	180704	047906433	150476	032905106D	150396	191205351B	150075
1601	180631	049919501	180839	032905106D	150435	191905351A	150075
1605	180630	050906433	150477	034905381A	150360	191905351B	150075
2501	180689	058905101	150428	034919369A	180969	191905351C	150075
4001	180804	058905105	150428	035905381B	150360	191911261A	160421
4504	180945	059919081	180634	035919369S	180988	191911261B	160420
6704	181021	059963319	100538	035919521A	180949	191911261C	160421
7003	180804	061919081	180634	036905100A	150509	191945515A	180757
7213	181005	062905061	100587	036905100B	150509	191945515B	180757
7302	181009	068908061	100512	036905100C	150509	191951113B	160658
8501	180945	071905106	150439	036905100D	150509	191951113D	160658
10802	180702	078905375	150360	036905115A	150509	191959481C	181126
11103	180704	078905381	150360	037906433A	150445	1H0951113A	160658
0968012	180950	078906433	150463	037906433B	150445	1H0951113C	160658
6450099901	180704	085941521	181148	037906433C	150445	1H0959263	160728
6450119903	180704	105094200	180626	038906461B	181491	1H1819021	160591
6451119903	180704	113919081	180634	038907319A	150471	1H6955651	160378
06459169917	180631	115915080	150215	038907319E	150464	1J0945511A	181369
1.164.5108.990.2	180702	115939031	181158	038919081A	180688	1J1819021A	160515
1.164.5111.990.3	180704	115939070	180726	03D905115A	150513	1J1819021B	160515
1.164.5911.990.1	180634	171955651	160197	03D905115B	150513	1J1819021C	160515
1.164.5916.991.7	180631	175919501	180839	03D905115C	150513	1J5955651	160379
1.164.5916.992.5	180631	191819021	160768	03D905115E	150513	1J6955651	160683
1.164.5916.992.6	180630	191905351	150075	03D905115F	150513	1J0945511B	181369
1.165.8045.990.4	180945	191945515	180757	03D905115G	150513	1J0945511C	181369
1.165.8067.990.4	181021	191951221	160712	03D907601	150489	1J0945511D	181369
1.165.8072.990.1	181001	191951223	160712	050906433B	150463	211905115D	150192
1.165.8072.990.8	181009	191959101	160768	053919369A	180988	211905351A	150056
1.165.8072.991.3	181005	191959263	160760	053919501A	180941	211905351B	150056
1.165.8073.990.2	181009	211905351	150056	054919369B	180988	211905351D	150056
1.165.8073.992.7	181005	251906091	070053	056919081B	180635	211905351E	150056
1.165.9640.990.1	180804	0269190811	180635	056919081C	180635	251905115A	150192
7301(2)	181001	312939030	181158	056919081E	180658	251919501A	180848

Cross Reference List



O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO	O.E. No.	HC-CARGO
VW continued		VOLVO					
251919501D	180848	251959481G	181121	251959481K	181121	251965561B	070192
2DO955651A	160197	311919081A	180634	321191261C	160422	321911261C	160422
357911253A	160459	357919501A	180883	377906309C	180559	3A0906051	181231
3B0951221	160712	3B0951223	160712	4A0905105B	150381	4A0905351	150409
4A0905351A	150409	4A0955651	160681	4A0955651B	160682	4A0959101A	160710
4D0905351	150406	4O0905351	150406	6K0945515	180757	6N0905104	150227
6N0951101	160658	6U0919501	180875	6U0945515	180726	6U0945515A	180726
6U0959481	181126	6U0959481A	181126	701905104A	150231	701959263A	160762
867905104A	150227	867905105A	150231	893905105E	150381	8A0905105	150381
8D0405351	150406	8D0959263	160763	8D1907521	160759	8D2820021	160620
J8353014030	180641	J853014030	180641	N01900911	100512	N01901002	100512
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150397	67	150469	77	160026	46	160357	48
150398	67	150470	78	160028	46	160358	45
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160910	43	180596	16	181008	85	181493	72
160911	43	180602	14	181009	85	181494	72

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