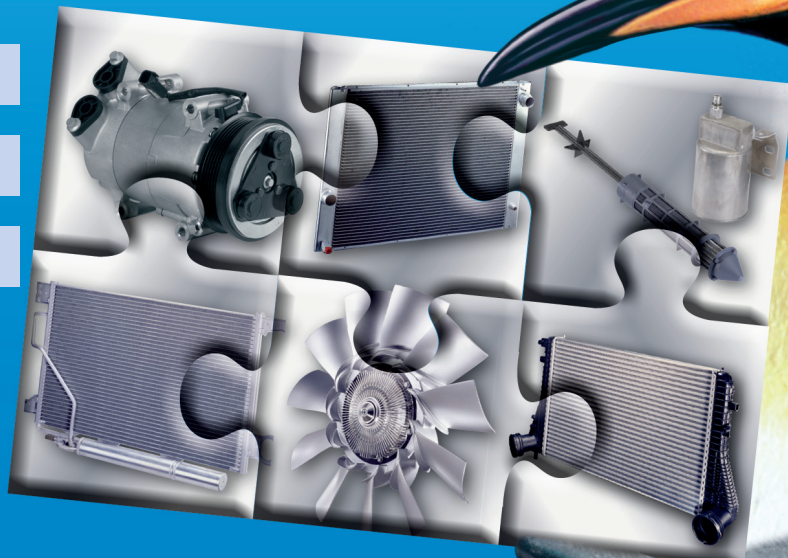


***Refrigerant and
compressor oil filling
quantities 2009/2010***



Symbols



Type of vehicle (car)



Type of vehicle (truck)



Model year



Refrigerant type



Refrigerant filling quantity (g)



OE compressor oil type



Behr Hella Service compressor oil type



ml

Compressor oil filling quantity for complete system (ml)
(See notes if "O" is stated)

Safety precautions and notes

The information in the following tables has been compiled from the vehicle manufacturers' specifications and is applicable only to original equipment air conditioning system versions. All work on air conditioning systems should only be carried out by technically competent personnel, taking the respective safety regulations and country-specific legislation into account.

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PAO-Oil 68 – Universal compressor oil

PAO-Oil 68 is an air conditioning compressor oil for universal use, available exclusively from Behr Hella Service.

In the past, garages have had to stock up with different oils for servicing air conditioning systems.

Thanks to **PAO-Oil 68** this is no longer necessary.

This high-quality multigrade synthetic oil has been developed for universal application in all car and truck air conditioning systems, as well as for air conditioning systems installed in construction and agricultural machinery.

PAO-Oil 68 is suitable for all refrigerant types and does not accumulate in evaporators and condensers, which often resulted in a reduction of cooling performance when other oils were used.

PAO-Oil 68 forms a thin film on the surface of the system components, thus ensuring that the oil stays where it is needed – in the compressor.

This makes a significant contribution to operational safety and noise reduction.

PAO-Oil 68 is extremely suitable for conversion from R12 to R134a refrigerant.

Since **PAO-Oil 68** is compatible with all other lubricants, it is sufficient to drain the old compressor oil off when converting.

PAO-Oil 68 has a very large operating range (-68 to 315 °C) and is non-hygroscopic, which means it doesn't absorb moisture, unlike other oils.

PAO-Oil 68 does not attack fluoroelastomer materials such as tubes or seals.

PAO-Oil 68 contributes to the improved performance of the air conditioning system and is recommended by leading air conditioning specialists.

PAO-Oil 68 - Universal compressor oil, PAO-Oil 68 Plus UV - Universal compressor oil with dye

Application	Compressor type	Refrigerant	PAO-Oil type	PAO-Oil type Plus UV
Vehicle A/C systems* Refrigerator trucks (fresh product vehicles)	all types (except rotary vane) Piston compressors	R134a, R413a, R22, R12 R134a, R507a, R500, R12	PAO-Oil 68 AA1 8FX 351 213-091 240 ml 8FX 351 214-031 0.5 l 8FX 351 214-021 1.0 l 8FX 351 214-101 5.0 l 8FX 351 214-051 205 l	PAO-Oil 68 AA1 Plus UV 8FX 351 214-201 0.5 l 8FX 351 214-211 1.0 l 8FX 351 214-221 5.0 l 8FX 351 214-231 10.0 l 8FX 351 214-241 20.0 l
Refrigerator trucks (frozen food vehicles)	Piston compressors	R507a, R502, R22		
Vehicle A/C systems* Refrigerator trucks (fresh product vehicles)	all types (except rotary vane) Piston compressors	R404a, R407c, R401b, R401c, R409a, R409b R404a, R407c, R409b	PAO-Oil 68 AA2 8FX 351 214-061 1.0 l 8FX 351 214-071 5.0 l	PAO-Oil 68 AA2 Plus UV 8FX 351 214-261 1.0 l
Refrigerator trucks (frozen food vehicles)	Piston compressors	R404a, R407c, R402a, R403a, R408a	Use Behr Hella Service compressor oils	
Vehicle A/C systems* * PKW, LKW, Land- und Baumaschinen	Rotary vane compressors	R134a, R413a	PAO-Oil 68 AA3 8FX 351 214-081 1.0 l 8FX 351 214-091 5.0 l	PAO-Oil 68 AA3 Plus UV 8FX 351 214-281 1.0 l
PAG oils are divided into the following viscosity classes			Which compressor oil to use for a specific application depends on the type of compressor and the refrigerant used. The wrong selection of oil can lead to damage. Vehicle or manufacturer-specific instructions must be considered separately.	
PAG ISO 46	low viscosity	Behr Hella Service part no.: 8FX 351 213-031 240 ml		
PAG ISO 100	medium to high viscosity	Behr Hella Service part no.: 8FX 351 213-051 240 ml		
PAG ISO 150	ultra-high viscosity	Behr Hella Service part no.: 8FX 351 213-041 240 ml		








Contents for cars








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Alfa Romeo						
33	1983-94	R12	1150	Suniso 5GS	PAO 68	135
33 D-Turbo	1986-94	R12	900	Suniso 46	PAO 68	0
145/146 1,3/1,4/1,6/1,7	1994-97	R134a	700	SP10	PAO 68 or PAG ISO 46	225-255
145/146 Twin Spark	1996-00	R134a	700	Dens Oil 9	PAO 68 or PAG ISO 100	130-150
145/146 D-Turbo	1994-00	R134a	700	UCON RL 488	PAO 68 or PAG ISO 150	221-251
145/146 1,9 JTD	1998-00	R134a	700	SP20	PAO 68 or PAG ISO 100	135
147 1,6i/1,9JTD/2,0i/1,9JTD 16V/3,2i	2001-08	R134a	550	PAG	PAO 68 or PAG ISO 46	135
75	1985-93	R12	900	Suniso 5GS	PAO 68	135
155	1992-93	R12	950	Suniso 5GS	PAO 68	135
155	1994-97	R134a	700	SP10	PAO 68 or PAG ISO 46	225-255
155 1,6/1,8/2,0 16V	1995-97	R134a	700	Dens Oil 8	PAO 68 or PAG ISO 46	260-320
155 1,9 diesel	1993-97	R134a	700	UCON RL 488	PAO 68 or PAG ISO 150	236
156	1997-02	R134a	650	SP20	PAO 68 or PAG ISO 100	130
156 1,9 JTD	1997-02	R134a	650	SP20	PAO 68 or PAG ISO 100	130
156 2,4 JTD	1997-02	R134a	650	Dens Oil 9	PAO 68 or PAG ISO 100	150
156 Facelift	2002-09	R134a	500	SP10	PAO 68 or PAG ISO 46	130
156 Facelift 2,4JTD 20V	2003-06	R134a	550	Dens Oil 9	PAO 68 or PAG ISO 100	150
156 Facelift 2,4 JTD	2002-03	R134a	500	Dens Oil 9	PAO 68 or PAG ISO 100	150
159	2005-09	R134a	550	ZXL 100 PG	PAO 68 or PAG ISO 46	130
164	1987-93	R12	1250	Suniso 46	PAO 68	135
164	1994-98	R134a	1200	Sanden E13 M6	PAO 68	120-150
166	1998-01	R134a	700	SP10	PAO 68 or PAG ISO 46	135
166	2001-2009	R134a	650	SP10	PAO 68 or PAG ISO 46	135








						
Alfa Romeo						
Sprint	1987-91	R12	1150	Suniso 5GS	PAO 68	135
Spider	1990-93	R12	0	Suniso 5GS	PAO 68	0
Spider/GTV 1,8	1998-06.99	R134a	650-700	SP10	PAO 68 or PAG ISO 46	260-320
Spider/GTV 1,8	06.99-01	R134a	550-600	SP10	PAO 68 or PAG ISO 46	260-320
Spider/GTV 2,0	1996-06.99	R134a	650-750	Dens Oil 9	PAO 68 or PAG ISO 100	260-320
Spider/GTV 2,0	06.99-03	R134a	550-600	Dens Oil 9	PAO 68 or PAG ISO 100	260-320
Spider 3,0 V6/GTV 2,0 Turbo	1996-06.99	R134a	650-750	SP10	PAO 68 or PAG ISO 46	225-255
Spider 3,0 V6/GTV 2,0 Turbo	06.99-01	R134a	550-600	SP10	PAO 68 or PAG ISO 46	225-255
Brera	2006-	R134a	550	PAG	PAO 68 or PAG ISO 46	130
GT	2004-09	R134a	550	SP10	PAO 68 or PAG ISO 46	130
GT Coupe 1,9JTD	2003-06	R134a	600	PAG	PAO 68	0
GTV 3,0 V6 24V	1997-06.99	R134a	650-750	SP10	PAO 68 or PAG ISO 46	230-250
GTV 3,0 V6 24V	06.99-04	R134a	550-600	SP10	PAO 68 or PAG ISO 46	230-250
Aston Martin						
DB7 Vantage 3,2	1994-04	R134a	870-930	PAG	PAO 68	0

						
Audi						
Allroad	2000-06	R134a	750-850	PAG	PAO 68 or PAG ISO 46	240
A2 1,2TDI/1,4i/1,4TDI/1,6FSI	2000-01	R134a	500-550	PAG	PAO 68 or PAG ISO 46	170-190
A2 1,2TDI/1,4i/1,4TDI/1,6FSI	2001-06	R134a	480-530	PAG	PAO 68 or PAG ISO 46	170-190
A3 (8L1)	1996-03	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	120-150
A3 (8P1) 1,6i/1,6FSI/1,9TDI/2,0FSI/2,0TDI/3,2i	05.03-	R134a	500-550	PAG	PAO 68 or PAG ISO 46	170-190
Sanden PXE 16 compressor	05.03-	R134a	500-550	PAG	PAO 68 or PAG ISO 46	100-120
80	1986-91	R12	1000-1100	Dens Oil 6	PAO 68	280-320
80	91-09.92	R12	650-750	Dens Oil 6	PAO 68	280-300
80	10.92-95	R134a	650-700	G052 154 A2	PAO 68 or PAG ISO 46	250-300
80 2,3	91-09.92	R12	850-950	Dens Oil 6	PAO 68	280-320
80 2,3	10.92-94	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
90	1987-92	R12	1000-1100	Dens Oil 6	PAO 68	280-320
Avant RS2	1994-95	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
A4/S4 - Zexel compressor	94-11.97	R134a	650-700	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	94-11.97	R134a	650-700	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A4/S4 - Zexel compressor; Showa condenser	11.97-00	R134a	700-750	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor; Showa condenser	11.97-00	R134a	700-750	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A4/S4 - Zexel compressor; AWG condenser	11.98-12.98	R134a	550-600	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor; AWG condenser	11.98-12.98	R134a	550-600	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A4 (8E, B6) petrol	11.00-11.04	R134a	480-530	PAG	PAO 68 or PAG ISO 46	170-190
A4 (8E, B6) diesel	11.00-11.04	R134a	480-530	G052 300 A2	PAO 68 or PAG ISO 46	180
A4 (8EC, 8ED)	11.04-	R134a	450-550	G052 300 A2	PAO 68 or PAG ISO 46	0
100	08.83-91	R12	1050-1150	Dens Oil 6	PAO 68	280-320








						
Audi						
200	1984-91	R12	1050-1100	Dens Oil 6	PAO 68	280-320
100/A6/S4/S6	91-09.92	R12	1050-1150	Dens Oil 6	PAO 68	280-320
100/A6/S4/S6 - Zexel compressor	10.92-97	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	10.92-97	R134a	750-800	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 - Zexel compressor	97-11.97	R134a	800-850	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	97-11.97	R134a	800-850	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 - Zexel compressor	11.97-08.98	R134a	850-900	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	11.97-08.98	R134a	850-900	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 - Zexel compressor (e*)	08.98-04.99	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor (e*)	08.98-04.99	R134a	750-800	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 - Zexel compressor (3*)	10.98-12.98	R134a	550-600	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor (3*)	10.98-12.98	R134a	550-600	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 V8 - Zexel compressor	98-04.99	R134a	550-600	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	98-04.99	R134a	550-600	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 1,8i/1,8T/2,4i/2,7T/2,8i	04.99-04.04	R134a	650-700	G052 154 A2	PAO 68 or PAG ISO 46	250-300
A6 2,0i/3,0i	04.99-04.04	R134a	550-600	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A6 1,9TDI (AFN/AVF)	04.99-04.04	R134a	550-600	PAG	PAO 68 or PAG ISO 46	250-300
A6 1,9TDI (AVG/AWX)	04.99-04.04	R134a	650-700	PAG	PAO 68 or PAG ISO 46	250-300
A6 1,9TDI (AJM)	04.99-10.99	R134a	650-700	PAG	PAO 68 or PAG ISO 46	250-300
A6 1,9TDI (AJM)	10.99-04.04	R134a	550-600	PAG	PAO 68 or PAG ISO 46	250-300
A6 2,5TDI (AFB/AYM)	04.99-04.04	R134a	550-600	PAG	PAO 68 or PAG ISO 46	250-300
A6 2,5TDI (AKE)	04.99-04.04	R134a	650-700	PAG	PAO 68 or PAG ISO 46	250-300
A6 2,5TDI (AKN/BAU/BCZ/BDG/BDH/BFC)	04.99-10.99	R134a	650-700	PAG	PAO 68 or PAG ISO 46	250-300








						
Audi						
A6 2,5TDI (AKN/BAU/BCZ/BDG/BDH/BFC)	10.99-04.04	R134a	550-600	PAG	PAO 68 or PAG ISO 46	250-300
A6 (4F)	04.04-	R134a	510-550	G052 300 A2	PAO 68 or PAG ISO 46	120-140
V8	89-09.92	R12	1050-1150	Dens Oil 6	PAO 68	280-320
V8	10.92-93	R134a	850-900	G052 154 A2	PAO 68 or PAG ISO 46	250-300
A8 - Zexel compressor	94-11.97	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	94-11.97	R134a	750-800	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A8 - Zexel compressor	11.97-00	R134a	800-850	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	11.97-00	R134a	800-850	G052 300 A2	PAO 68 or PAG ISO 46	250-300
A8 (4E) Denso compressor, orifice tube red	2002-04	R134a	550-650	PAG	PAO 68 or PAG ISO 46	200
TT (8N)	1998-06	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	120-150
Coupé	1986-91	R12	1000-1100	Dens Oil 6	PAO 68	280-320
Coupé	91-09.92	R12	650-750	Dens Oil 6	PAO 68	280-320
Coupé	10.92-96	R134a	650-700	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Coupé 2,3	91-09.92	R12	850-950	Dens Oil 6	PAO 68	280-320
Coupé 2,3	10.92-94	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Coupé S2	92-09.92	R12	850-950	Dens Oil 6	PAO 68	280-320
Coupé S2 - Zexel compressor	10.92-00	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Denso compressor	10.92-00	R134a	750-800	G052 300 A2	PAO 68 or PAG ISO 46	250-300
Cabrio	91-09.92	R12	650-750	Dens Oil 6	PAO 68	280-320
Cabrio	10.92-00	R134a	650-700	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Cabrio 2,3	91-09.92	R12	850-950	Dens Oil 6	PAO 68	280-320
Cabrio 2,3	10.92-94	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	250-300
Q7 4,2FSI/3.0TDI	2005-08	R134a	700-750		PAO 68	130-160
with rear AC	2005-08	R134a	1050-1100		PAO 68	230-260








						
BMW						
1 Series (E87) 116i/118i/120i/118d/120d engine: N45/N46/M47	2004-08	R134a	485-515	PAG	PAO 68	0
3 Series (E30) - piston compressor	1986-93	R12	950-1000	Suniso 5GS	PAO 68	300
impeller type compressor	1986-93	R12	950-1000	Suniso 5GS	PAO 68	200
3 Series (E30)	1992-93	R134a	775-825	81 229 407 724	PAO 68 or PAG ISO 46	160
M3 (E30) - piston compressor	1987-91	R12	850-900	Suniso 5GS	PAO 68	300
impeller type compressor	1987-91	R12	850-900	Suniso 5GS	PAO 68	200
3 Series (E36)	1991-93	R12	1175-1225	Suniso 5GS	PAO 68	200
3 Series (E36) - Denso compressor (1*)	1993-00	R134a	975-1025	81 229 407 724	PAO 68 or PAG ISO 46	100-140
Denso compressor (2*)	1993-00	R134a	800-850	81 229 407 724	PAO 68 or PAG ISO 46	100-140
Seiko compressor (1*)	1993-00	R134a	975-1025	PAG	PAO 68 or PAG ISO 100	140-160
Seiko compressor (2*)	1993-00	R134a	800-850	PAG	PAO 68 or PAG ISO 100	140-160
3 Series (E46) petrol engine: M43/M43TU/M52/M54/N40/N42/S54	1998-04	R134a	715-765	PAG	PAO 68	0
with Seiko compressor	1998-04	R134a	715-765	PAG	PAO 68	140-160
3 Series (E46) diesel engine: M47/M47TU/M57	2001-04	R134a	670-690	PAG	PAO 68	0
3 Series (E90/E91/E92/E93)	2005-09	R134a	580-600		PAO 68	0
5 Series (E34) - piston compressor	1987-93	R12	1900-1950	Suniso 5GS	PAO 68	300
impeller type compressor	1987-93	R12	1900-1950	Suniso 5GS	PAO 68	200
M5/524td/525td/tds (E34) - piston compressor	1987-93	R12	1475-1525	Suniso 5GS	PAO 68	300
impeller type compressor	1987-93	R12	1475-1525	Suniso 5GS	PAO 68	200
5 Series (E34) - Denso compressor (1*)	1993-96	R134a	1525-1575	81 229 407 724	PAO 68 or PAG ISO 46	160-190
Denso compressor (2*)	1993-96	R134a	1450	81 229 407 724	PAO 68 or PAG ISO 46	160-190
Seiko compressor (1*)	1993-96	R134a	1525-1575	PAG	PAO 68 or PAG ISO 100	180-190
Seiko compressor (2*)	1993-96	R134a	1450	PAG	PAO 68 or PAG ISO 100	180-190
5 Series (E39) - Seiko compressor	96-09.98	R134a	1200-1250	PAG	PAO 68 or PAG ISO 100	145-175








						
BMW						
5 Series (E39) - Seiko compressor	09.98-03	R134a	740-760	PAG	PAO 68 or PAG ISO 100	145-175
525td/tds (E39) - Seiko compressor	96-09.98	R134a	1185-1235	PAG	PAO 68 or PAG ISO 100	145-175
525td/tds (E39) - Seiko compressor	09.98-03	R134a	1290-1310	PAG	PAO 68 or PAG ISO 100	145-175
530d (E39) - Seiko compressor	1998-03	R134a	670-690	PAG	PAO 68 or PAG ISO 100	145-175
5 Series (E60/61) 520i/523i/525i/530i/535i/540i/545i/550i/M5	07.2003-09	R134a	800-820	PAG	PAO 68	180
5 Series (E60/61) 520d/525d/530d/535d	07.2003-09	R134a	690-710	PAG	PAO 68	180
6 Series (E63/E64) 630i/645Ci/650i engine: N52/N62	01.04-09	R134a	800-820	PAG	PAO 68	180
7 Series (E32) - piston compressor	1986-93	R12	1900-1950	Suniso 5GS	PAO 68	300
impeller type compressor	1986-93	R12	1900-1950	Suniso 5GS	PAO 68	200
piston compressor with rear AC	1986-93	R12	2050-2100	Suniso 5GS	PAO 68	300
impeller type compressor with rear AC	1986-93	R12	2050-2100	Suniso 5GS	PAO 68	200
7 Series (E32) - Denso compressor	1993-94	R134a	1525-1575	81 229 407 724	PAO 68 or PAG ISO 46	160-190
Seiko compressor	1993-94	R134a	1525-1575	PAG	PAO 68 or PAG ISO 100	160-200
Denso compressor with rear AC	1993-94	R134a	1675-1725	81 229 407 724	PAO 68 or PAG ISO 46	180-210
Seiko compressor with rear AC	1993-94	R134a	1675-1725	PAG	PAO 68 or PAG ISO 100	160-200
7 Series (E38) - Seiko compressor	94-09.98	R134a	1185-1235	PAG	PAO 68 or PAG ISO 100	130-190
7 Series (E38) - Seiko compressor	09.98-01	R134a	670-690	PAG	PAO 68 or PAG ISO 100	130-190
750 L7 (E38) - Seiko compressor	1994-01	R134a	1245-1295	PAG	PAO 68 or PAG ISO 100	130-190
Seiko compressor with rear AC	1994-01	R134a	1375-1425	PAG	PAO 68 or PAG ISO 100	130-190
725 tds (E38) - Seiko compressor	1996-01	R134a	1185-1235	PAG	PAO 68 or PAG ISO 100	130-190
7 Series (E65) 735i/740i/745i/750i engine: N62	2002-05	R134a	800-820	PAG	PAO 68	0







						
BMW						
8 Series (E31)	1990-93	R12	1900-1950	Suniso 5GS	PAO 68	200
8 Series (E31) - Denso compressor	1993-99	R134a	1525-1575	81 229 407 724	PAO 68 or PAG ISO 46	160-190
Seiko compressor	1993-99	R134a	1525-1575	PAG	PAO 68 or PAG ISO 100	160-200
X3 (E83) 2,0d/3,0d engine: M47T2/M57TU	2004-09	R134a	670-690		PAO 68	0
X3 (E83) 2,0i/2,5i/3,0i engine: M54/N46/N52K	2004-09	R134a	730-750		PAO 68	0
X3 (E83) 2,0d (N47)	2007-	R134a	690-710	PAG	PAO 68	0
X5 (E70) 3,0d/3,0Sd/3,0Si/4,8i (M57T2/N52K/N62TU)	2007-	R134a	690-710	PAG	PAO 68	150
X6 (E71) 3,0dx/3,5dx/3,5ix/5,0ix (M57T2/N54/N63)	2008-	R134a	690-710	PAG	PAO 68	150
Z3 - Denso compressor (1*)	1997-03	R134a	975-1025	81 229 407 724	PAO 68 or PAG ISO 46	100-140
Denso compressor (2*)	1997-03	R134a	800-850	81 229 407 724	PAO 68 or PAG ISO 46	100-140
Seiko compressor (1*)	1997-03	R134a	975-1025	PAG	PAO 68 or PAG ISO 100	140-160
Seiko compressor (2*)	1997-03	R134a	800-850	PAG	PAO 68 or PAG ISO 100	140-160
Z4 (E85)	2003-05	R134a	730-750	PAG	PAO 68	0
Z8 (S62)	2000-04	R134a	685-735	PAG	PAO 68	0
X5 (E53)	2000-07	R134a	430-450	PAG	PAO 68	0
Mini One/Cooper/Cooper S (R50/53)	2001-08	R134a	405-425	PAG	PAO 68	0
Chevrolet						
Aveo/Kalos (left-hand drive) GM/Delphi/Harrison V5	05.2005-	R134a	520	UCON RL488	PAO 68 or PAG ISO 150	200
Aveo/Kalos (right-hand drive) GM/Delphi/Harrison V5	05.2005-	R134a	570	UCON RL488	PAO 68 or PAG ISO 150	200
Aveo/Kalos (left-hand drive) Delphi SP10 compressor	05.2005-	R134a	520	PAG	PAO 68	150
Aveo/Kalos (right-hand drive) Delphi SP10 compressor	05.2005-	R134a	570	PAG	PAO 68	150
Captiva (left-hand drive) 2,4i/3,2iV6	2007-	R134a	660	RL897/EOIV	PAO 68 or PAG ISO 61	150








						
Chevrolet						
Captiva (left-hand drive) 2,0 diesel	2007-	R134a	520	RL897/EOIV	PAO 68 or PAG ISO 61	150
Epica (left-hand drive)	2008-	R134a	820	PAG	PAO 68	220
Epica (right-hand drive)	2008-	R134a	880	PAG	PAO 68	220
Lacetti/Nubira (left-hand drive)	2005-	R134a	670	PAG	PAO 68	175
Lacetti/Nubira (right-hand drive)	2005-	R134a	670	PAG	PAO 68	175
Spark (left-hand drive)	2008-	R134a	330	PAG	PAO 68	110
Spark (right-hand drive)	2008-	R134a	380	PAG	PAO 68	110
Chrysler						
300 C	2004-06	R134a	740	ND 8	PAO 68 or PAG ISO 46	180
300 M 2,7i/3,5i	1998-04	R134a	710	PAG	PAO 68	0
Crossfire/Crossfire Roadster	2003-08	R134a	850	SP15	PAO 68 or PAG ISO 46	130
Neon	1995-99	R134a	821	Dens Oil 8	PAO 68 or PAG ISO 46	140
Neon II	08.99-06	R134a	850	ND 8	PAO 68 or PAG ISO 46	200
Voyager	1994-00	R134a	960	Dens Oil 8	PAO 68 or PAG ISO 46	150
with rear AC	1994-00	R134a	1360	Dens Oil 8	PAO 68 or PAG ISO 46	220
Voyager (RG) petrol	2001-03	R134a	960	PAG	PAO 68	0
Voyager (RG) petrol with rear AC	2001-03	R134a	1310	PAG	PAO 68	0
Yoyager (RG) diesel	2001-03	R134a	910	PAG	PAO 68	0
Yoyager (RG) petrol	2003-06	R134a	880	PAG	PAO 68	0
Voyager (RG) petrol with rear AC	2003-06	R134a	1220	PAG	PAO 68	0
Yoyager (RG) diesel	2003-06	R134a	790	PAG	PAO 68	0








						
Chrysler						
Grand Voyager 2,8CRD	2008-	R134a	820	PAG	PAO 68	0
with rear AC	2008-	R134a	1150	PAG	PAO 68	0
Wrangler	1992-93	R12	900	Suniso 5GS	PAO 68	136
Wrangler	1994-96	R134a	900	SP20	PAO 68 or PAG ISO 100	240
Wrangler (TJ)	1996-06	R134a	565	ND8	PAO 68 or PAG ISO 46	240
Cherokee	1992-93	R12	1100	Suniso 5GS	PAO 68	136
Cherokee	1994-96	R134a	900	SP20	PAO 68 or PAG ISO 100	240
Cherokee	1997-00	R134a	567	SP20	PAO 68 or PAG ISO 100	240
Grand Cherokee	1993-96	R134a	795	Dens Oil 8	PAO 68 or PAG ISO 46	230
Grand Cherokee	1997-99	R134a	737-800	Dens Oil 8	PAO 68 or PAG ISO 46	220-230
Grand Cherokee (WJ/WG) diesel	1999-05	R134a	750	ND 8	PAO 68 or PAG ISO 46	0
Grand Cherokee (WH)	2005-	R134a	680	ND 8	PAO 68 or PAG ISO 46	130
Commander 3,0DCRD	2006-	R134a	680	Dens Oil 8	PAO 68 or PAG ISO 46	150
with rear AC	2006-	R134a	960	Dens Oil 8	PAO 68 or PAG ISO 46	220
PT Cruiser petrol	2000-2002	R134a	710	Dens Oil 8	PAO 68 or PAG ISO 46	160
PT Cruiser petrol	2002-2003	R134a	850	Dens Oil 8	PAO 68 or PAG ISO 46	180
PT Cruiser diesel	2002	R134a	595	Dens Oil 8	PAO 68 or PAG ISO 46	180
PT Cruiser diesel	2004-07	R134a	510	Dens Oil 8	PAO 68 or PAG ISO 46	180
Sebring	2001-04	R134a	640	PAG	PAO 68	0
Sebring 2,4Turbo	2001-04	R134a	500	PAG	PAO 68	0








						
Citroën						
AX right-hand drive	1991-94	R12	850-950	Suniso 5GS	PAO 68	100
AX left-hand drive	1991-94	R12	700-750	Suniso 5GS	PAO 68	100
AX	1994-97	R134a	600-650	SP20	PAO 68 or PAG ISO 100	135
Saxo	96-03.96	R134a	575-625	SP10	PAO 68 or PAG ISO 46	135
Saxo	04.96-00	R134a	750-800	SP10	PAO 68 or PAG ISO 46	135
ZX - enginecode TU	1991-93	R12	875-925	Suniso 5GS	PAO 68	135
ZX - enginecode XU	1991-93	R12	975-1025	Suniso 5GS	PAO 68	135
ZX	1993-98	R134a	900-950	SP20	PAO 68 or PAG ISO 100	135
Xsara petrol	1997-00	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135
Xsara diesel	1997-00	R134a	850-900	SP10	PAO 68 or PAG ISO 46	120-150
Xsara 1,6i/2,0i/2,0HdI (RHY)	2000-06	R134a	540-590	SP10	PAO 68 or PAG ISO 46	135
Xsara 2,0HdI (RHZ)	2000-06	R134a	540-590	SP10	PAO 68 or PAG ISO 46	250-280
BX	1987-94	R12	1000	Suniso 5GS	PAO 68	135
BX 1,9 GTi 16V - enginecode XU9J4	1987-93	R12	800	Suniso 5GS	PAO 68	135
BX 1,7D Turbo	1988-94	R12	800	Suniso 5GS	PAO 68	135
Xantia - Sanden compressor SD 7H 15	1993-00	R134a	750-800	SP20	PAO 68 or PAG ISO 100	135
Sanden compressor SD 7V 16 (3*)	1993-00	R134a	850-900	SP10	PAO 68 or PAG ISO 46	135
Sanden compressor SD 7V 16 (4*)	1993-00	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135
Xantia 3,0	1997-00	R134a	725	SP10	PAO 68 or PAG ISO 46	135
Xantia 1,9D/1,9D Turbo	02.96-00	R134a	800-850	UCON RL 488	PAO 68 or PAG ISO 150	250-280
XM	89-09.93	R12	1000-1100	Suniso 5GS	PAO 68	135
XM 2,0	10.93-96	R134a	700-750	SP20	PAO 68 or PAG ISO 100	135
XM 2,0	1996-00	R134a	700-750	SP10	PAO 68 or PAG ISO 46	135








						
Citroën						
XM V6	10.93-00	R134a	700-750	SP10	PAO 68 or PAG ISO 46	135
XM 2,1/2,2 diesel	10.93-96	R134a	700-750	SP20	PAO 68 or PAG ISO 100	135
XM 2,1/2,2 diesel	1996-00	R134a	700-750	SP10	PAO 68 or PAG ISO 46	135
XM 2,5 diesel	1994-96	R134a	800-850	SP20	PAO 68 or PAG ISO 100	135
XM 2,5 diesel	1996-00	R134a	800-850	SP10	PAO 68 or PAG ISO 46	135
Xsara Picasso	1999-00	R134a	625-725	SP10	PAO 68 or PAG ISO 46	135
Synergie/Evasion	1994-00	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135
Berlingo petrol	1996-02	R134a	850-900	SP10	PAO 68 or PAG ISO 46	135
Berlingo diesel	1996-05	R134a	750-800	SP10	PAO 68 or PAG ISO 46	135
Dispatch/Jumpy	1995-05	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135
Relay/Jumper	94-09.96	R134a	950-1050	SP20	PAO 68 or PAG ISO 100	135
with rear AC	94-09.96	R134a	1150-1250	SP20	PAO 68 or PAG ISO 100	135
Relay/Jumper	10.96-02	R134a	750-850	SP20	PAO 68 or PAG ISO 100	135
with rear AC	10.96-02	R134a	950-1050	SP20	PAO 68 or PAG ISO 100	135
C1 1,0i	2005-09	R134a	420-480	PAG	PAO 68	80
C1 1,4HDi	2005-09	R134a	470-530	PAG	PAO 68	80
C2	2003-09	R134a	575-625	SP10	PAO 68 or PAG ISO 46	135
C3 1,1i /1,4i/1,6i/1,4HDi/1,4i16V/1,4HDi16V	2002-09	R134a	600-650	SP10	PAO 68 or PAG ISO 46	135
C4 1,4i/1,6i/2,0i/1,6HDi/2,0HDi	2004-09	R134a	425-475	SP10	PAO 68 or PAG ISO 46	135
C5 1,8i/2,0i/3,0i	2001-04	R134a	650-700	SP10	PAO 68 or PAG ISO 46	135
C5 2,0D HDI	2001-04	R134a	650-700	Planetelf PAG 488	PAO 68 or PAG ISO 150	265
C5 II	2004-09	R134a	625	SP10	PAO 68 or PAG ISO 46	135
C6 2,7 HDi	2005-09	R134a	525	PAG	PAO 68	135








						
Citroën						
C6 3,0iV6	2005-09	R134a	625	SP10	PAO 68 or PAG ISO 46	135
C8 2,2i/3,0i/2,0HDi/2,2HDi	2002-08	R134a	575-625	SP10	PAO 68 or PAG ISO 46	120-150
C15 1,4i	1992-97	R134a	900-950	PAG	PAO 68	135
Jumper/Relay II (244) 2,0i/2,0DHDi/2,2DHDi/2,8DHDi	04.2002-06	R134a	800	SP20	PAO 68 or PAG ISO 100	135
with rear AC	04.2002-06	R134a	1000	SP20	PAO 68 or PAG ISO 100	160
Jumper/Relay III 2,0DHDi/3,0DHDi	04.2006-	R134a	550	SP10	PAO 68 or PAG ISO 46	200
with rear AC	04.2006-	R134a	950	SP10	PAO 68 or PAG ISO 46	220
Dispatch/Jumpy 1,6DHDi/2,0DHDi	01.2007-	R134a	540	SP10	PAO 68 or PAG ISO 46	135
with rear AC, short wheelbase	01.2007-	R134a	850	SP10	PAO 68 or PAG ISO 46	160
with rear AC, long wheelbase	01.2007-	R134a	950	SP10	PAO 68 or PAG ISO 46	160
Dispatch/Jumpy 2,0i	01.2007-	R134a	675	SP10	PAO 68 or PAG ISO 46	135
with rear AC, short wheelbase	01.2007-	R134a	950	SP10	PAO 68 or PAG ISO 46	160
with rear AC, long wheelbase	01.2007-	R134a	1075	SP10	PAO 68 or PAG ISO 46	160
C-Crosser	2007-	R134a	500	PAG	PAO 68	0
Nemo	2008-	R134a	500	SP10	PAO 68 or PAG ISO 46	135
C8 2,0i (EW10A)	2005-	R134a	700	SP10	PAO 68 or PAG ISO 46	135
Dacia						
Logan	2005-09	R134a	720-780	PAG SP10	PAO 68 or PAG ISO 46	135








						
Daewoo						
Matiz	1998-05	R134a	500-550	PAG RL 244	PAO 68 or PAG ISO 46	150
Matiz (left-hand drive)	2005-08	R134a	330	PAG	PAO 68	110
Matiz (right-hand drive)	2005-08	R134a	380	PAG	PAO 68	110
Nexia	1995-97	R134a	710-750	PAG	PAO 68 or PAG ISO 150	240
Lanos	1997-09.98	R134a	700-740	PAG	PAO 68 or PAG ISO 150	265
Lanos	10.98-01	R134a	700-740	PAG	PAO 68 or PAG ISO 150	265
Lanos	2001-03	R134a	700-740	PAG	PAO 68	220
Espero	1995-97	R134a	710-750	PAG	PAO 68 or PAG ISO 150	240
Evanda	2002-07	R134a	710-750	PAG	PAO 68 or PAG ISO 150	265
Nubira	1997-10.98	R134a	730-770	PAG	PAO 68 or PAG ISO 150	265
Nubira	11.98-03	R134a	730-770	PAG	PAO 68 or PAG ISO 150	265
Nubira (J200, J150, J190)	2003-05	R134a	660-700	PAG RL488	PAO 68 or PAG ISO 150	220
Nubira (left-hand drive)	2005-07	R134a	620-660	UCON RL488	PAO 68 or PAG ISO 150	180
Nubira (right-hand drive)	2005-07	R134a	670-710	UCON RL488	PAO 68 or PAG ISO 150	180
Leganza	1997-03	R134a	810-850	PAG	PAO 68 or PAG ISO 150	265
Kalos (left-hand drive) Delphi/Harrison V5	2002-07	R134a	580-620	PAG	PAO 68 or PAG ISO 150	220
Kalos (right-hand drive) Delphi/Harrison V5	2002-07	R134a	630-670	PAG	PAO 68 or PAG ISO 150	220
Rezzo (left-hand drive)	2000-04	R134a	730-770	PAG	PAO 68	220
Rezzo (right-hand drive)	2000-04	R134a	800-840	PAG	PAO 68	220
Korando	1999-03	R134a	650-750	ZXL 200 PG	PAO 68 or PAG ISO 100	0
Musso	1999-03	R134a	650-750	ZXL 200 PG	PAO 68 or PAG ISO 100	0








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Daihatsu						
Charade (G200)	1993-03	R134a	600-700	PAG	PAO 68	0
Materia (M4) 1,3i	10.2006-	R134a	350	PAG	PAO 68	70
Move (L901)	10.96-03	R134a	350-410	PAG	PAO 68	0
Grand Move (G303)	1996-98	R134a	500-600	PAG	PAO 68	0
Grand Move (G301)	05.98-03	R134a	370-430	PAG	PAO 68	0
Applause (A101)	1993-07.97	R134a	500-600	PAG	PAO 68	0
Applause (A101)	08.97-03	R134a	420-480	PAG	PAO 68	0
Feroza (F300)	1993-03	R134a	500-600	PAG	PAO 68	0
Rocky (F73/78)	1993-03	R134a	500-600	PAG	PAO 68	0
Terios (J100)	10.97-08.98	R134a	550-650	PAG	PAO 68	0
Terios (J100, J102)	09.98-05	R134a	370-430	PAG	PAO 68	0
Terios (J2) (left-hand drive) 1,3i/1,5i	11.2005-	R134a	350	Dens Oil 8	PAO 68 or PAG ISO 46	0
Terios (J2) (right-hand drive) 1,3i/1,5i	11.2005-	R134a	300	Dens Oil 8	PAO 68 or PAG ISO 46	0
Travis	06.2006-	R134a	300	PAG	PAO 68	0
Sirion (M100)	1998-08.00	R134a	380-420	PAG	PAO 68	0
Sirion (M110, M111) EJ-engine	09.00-05	R134a	350-410	PAG	PAO 68	0
Sirion (M101, M111) K3-engine	09.00-05	R134a	310-370	PAG	PAO 68	0
Sirion (M3)	01.05-	R134a	270-330	PAG	PAO 68	0
Copen	09.03-	R134a	320-380	PAG	PAO 68	0
Cuore (L701)	10.98-03	R134a	350-410	PAG	PAO 68	0
Cuore VII (L251)	2003-07	R134a	350-410	PAG	PAO 68	0
Cuore VIII	04.2007-	R134a	300	Dens Oil 8	PAO 68 or PAG ISO 46	0
YRV (M201, M211)	2001-07	R134a	350-410	PAG	PAO 68	0








						
Fiat						
500	10.2007-	R134a	500	Dens Oil 8	PAO 68 or PAG ISO 46	80
Cinquecento	1991-97	R134a	700	PAG	PAO 68 or PAG ISO 46	100
Cinquecento Sporting	1994-98	R134a	550	PAG	PAO 68 or PAG ISO 46	100
Punto	1993-99	R134a	650-700	Dens Oil 9	PAO 68 or PAG ISO 100	130-170
Punto (188) 1,2i/1,2i16V/1,9D	09.99-06.03	R134a	525-575	Dens Oil 8	PAO 68 or PAG ISO 46	60-100
Punto (188) 1,9DJTD	09.99-06.03	R134a	525-575	Dens Oil 8	PAO 68 or PAG ISO 46	60-100
Punto (188) 1,8i	09.99-06.03	R134a	525-575	Dens Oil 9	PAO 68 or PAG ISO 100	60-100
Punto (188) 1,2i/1,2i16V/1,9D	06.03-	R134a	525-575	Dens Oil 8	PAO 68 or PAG ISO 46	130
Punto 1,3JTD	06.03-	R134a	500	Dens Oil 8	PAO 68 or PAG ISO 46	130
Grande Punto (199) 1,2i/1,4i/1,3D/1,9D	10.2005-	R134a	500	Dens Oil 8	PAO 68 or PAG ISO 46	130
Tipo	1987-93	R12	850-950	Suniso 5GS	PAO 68	236
Tipo - Sanden compressor	1994-95	R134a	730	SP10	PAO 68 or PAG ISO 46	240
Harrison compressor V5	1994-95	R134a	730	UCON RL 488	PAO 68 or PAG ISO 150	263
Tempra - Sankyo compressor	1990-93	R12	850-950	Suniso 5GS	PAO 68	135
Harrison compressor V5	1990-93	R12	850-950	Suniso 5GS	PAO 68	236
Tempra - Sanden compressor	1994-97	R134a	730	SP10	PAO 68 or PAG ISO 46	240
Harrison compressor V5	1994-97	R134a	730	UCON RL 488	PAO 68 or PAG ISO 150	263
Bravo/Brava - Denso compressor	1995-00	R134a	600-650	Dens Oil 9	PAO 68 or PAG ISO 100	140-180
Harrison compressor V5	1995-00	R134a	600-650	UCON RL 488	PAO 68 or PAG ISO 150	236
Bravo/Brava 1,9 JTD	1998-00	R134a	625-675	Dens Oil 8	PAO 68 or PAG ISO 46	60-100
Bravo	04.2007-	R134a	500	Dens Oil 8	PAO 68 or PAG ISO 46	130
Marea/Marengo	1996-00	R134a	600	Dens Oil 9	PAO 68 or PAG ISO 100	130-170
Croma	1988-93	R12	1200	Suniso 5GS	PAO 68	120-150
Croma	1994-97	R134a	1100	Sanden E13 M6	PAO 68 or PAG ISO 100	135








						
Fiat						
Croma 2,2i	2005-09	R134a	700-760	SP10	PAO 68 or PAG ISO 46	105-135
Croma 1,9JTD/1,9JTD16V	2005-09	R134a	700-760	SP10	PAO 68 or PAG ISO 46	120-150
Barchetta	1996-06	R134a	600	Dens Oil 9	PAO 68 or PAG ISO 100	140-180
Coupé 1,8	1996-00	R134a	740	Dens Oil 9	PAO 68 or PAG ISO 100	140-180
Coupé 16V	1994-97	R134a	720-745	SP20	PAO 68 or PAG ISO 100	135
Coupé 20V/20V Turbo	1996-01	R134a	500	Dens Oil 9	PAO 68 or PAG ISO 100	130-170
Multipla 1,6	1999-05	R134a	650	UCON RL 488	PAO 68 or PAG ISO 150	265
Multipla 1,9 JTD	1999-05	R134a	650	SP20	PAO 68 or PAG ISO 100	130
Ulysse	1994-02	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135
Ulysse (179AX)	2002-08	R134a	575-625	SP10	PAO 68 or PAG ISO 46	135
Fiorino	1997-00	R134a	0	UCON RL 244	PAO 68	140-160
Ducato diesel	1986-94	R12	1000-1100	Suniso 5GS	PAO 68	120-150
Ducato/Talento	1994-02	R134a	800-900	PAG	PAO 68 or PAG ISO 100	120-150
with rear AC	1994-02	R134a	950-1050	PAG	PAO 68 or PAG ISO 100	120-150
Ducato (244)	2002-06	R134a	875-925	SP20	PAO 68 or PAG ISO 100	0
with rear AC	2002-06	R134a	975-1025	SP20	PAO 68 or PAG ISO 100	0
Ducato (244) Panorama	2002-06	R134a	775-825	SP20	PAO 68 or PAG ISO 100	0
Ducato 2,2D/2,3D/3,0D	07.2006-	R134a	550	SP10	PAO 68 or PAG ISO 46	0
with rear AC	07.2006-	R134a	950	SP10	PAO 68 or PAG ISO 46	0
Doblo 1,2i/1,6i/1,4i	2001-08	R134a	600	PAG	PAO 68 or PAG ISO 46	130
Doblo 1,9JTD/1,3JTD	2002-08	R134a	600	Dens Oil 8	PAO 68 or PAG ISO 46	130
Idea 1,3JTD/1,4i/1,9JTD/1,2i	2004-08	R134a	470-530	PAG	PAO 68 or PAG ISO 46	130
Palio/Palio Weekend 1,2i/1,9D	1997-02	R134a	750	Dens Oil 8	PAO 68 or PAG ISO 46	60-100








						
Fiat						
Palio/Palio Weekend 1,2i	2002-06	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	60-100
Palio/Palio Weekend 1,6i16V	1997-02	R134a	750	Dens Oil 9	PAO 68 or PAG ISO 100	100-115
Palio/Palio Weekend 1,6i16V	2002-06	R134a	600-650	Dens Oil 9	PAO 68 or PAG ISO 100	100-115
Palio/Palio Weekend 1,2i16V /1,9JTD/1,9D	2001-06	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	60-100
Palio/Palio Weekend 1,7TD	1998-00	R134a	750	Dens Oil 9	PAO 68 or PAG ISO 100	150
Panda (169) 1,1i/1,2i	2003-08	R134a	470-530	PAG	PAO 68 or PAG ISO 46	0
Panda 1,3JTD	2003-08	R134a	470-530	SP10	PAO 68 or PAG ISO 46	130
Scudo 1,6D/2,0D	2007-	R134a	540	SP10	PAO 68 or PAG ISO 46	135
with rear AC, short wheelbase	2007-	R134a	850	SP10	PAO 68 or PAG ISO 46	160
with rear AC, long wheelbase	2007-	R134a	950	SP10	PAO 68 or PAG ISO 46	160
Sedici	06.2006-	R134a	430	PAG	PAO 68	50
Seicento	1997-07	R134a	475-525	SP10	PAO 68 or PAG ISO 46	100
Scudo	1996-07	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135
Stilo (192) 1,2i/1,4i	2001-08	R134a	475-525	PAG	PAO 68 or PAG ISO 46	0
Stilo 1,8i	2001-08	R134a	475-525	SP10	PAO 68 or PAG ISO 46	135
Stilo 1,6i/1,9JTD	2001-08	R134a	475-525	Dens Oil 8	PAO 68 or PAG ISO 46	80
Ford						
Ka/StreetKa	1996-05	R134a	635-665	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Fiesta	1989-93	R12	810-830	ESA-M2C31-A	PAO 68	80
Fiesta	1994-96	R134a	725-755	WSH-M1C231-B	PAO 68 or PAG ISO 46	100
Fiesta	1995-99	R134a	730-750	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Fiesta	1999-02	R134a	725-755	WSH-M1C231-B	PAO 68 or PAG ISO 46	200




						
Ford						
Fiesta (JH) condenser tube 3mm(f)	2002-07	R134a	635-665	WSH-M1C231-B	PAO 68 or PAG ISO 46	210
Fiesta (JH) condenser tube 1,2 mm (f)	2004-07	R134a	460-480	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Fiesta (JH) 1,6D TDCi condenser tube 3 mm (f)	2004-07	R134a	510-530	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Fiesta (JH) 1,6D TDCi condenser tube 1,2 mm (f)	2004-07	R134a	460-480	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Escort/Orion	1986-90	R12	690-710	ESA-M2C31-A	PAO 68	80
Escort/Orion	1990-93	R12	810-830	ESA-M2C31-A	PAO 68	80
Escort	1994-00	R134a	725-755	WSH-M1C231-B	PAO 68 or PAG ISO 46	160
Focus	1998-04	R134a	725-755	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Focus II condenser tube 3mm(f)	2004-09	R134a	585-615	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Focus II condenser tube 1,2 mm (f)	2004-09	R134a	600	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Focus C-Max condenser tube 3 mm(f)	2003-07	R134a	730-750	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Focus C-Max condenser tube 1,2 mm(f)	2003-07	R134a	590-610	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
C-Max condenser tube 1,2 mm (f)	2007-	R134a	600	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
C-Max condenser tube 3 mm (f)	2007-	R134a	740	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Kuga	2008-	R134a	600	PAG	PAO 68	0
Fusion (JU) condenser tube 3mm(f)	2002-09	R134a	635-665	WSH-M1C231-B	PAO 68 or PAG ISO 46	210
Fusion (JU) condenser tube 1,2 mm (f)	2002-09	R134a	460-480	WSH-M1C231-B	PAO 68 or PAG ISO 46	210
Sierra	1987-93	R12	830-870	ESA-M2C31-A	PAO 68	0
Mondeo I	1993-96	R134a	725-755	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Mondeo II	1996-00	R134a	725-755	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Mondeo III	11.00-12.01	R134a	800-840	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Mondeo with condenser tube 3 mm(f)(g)	12.01-07	R134a	800-840	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
with condenser tube 1,2 mm(f)(g)	12.01-07	R134a	685-715	WSH-M1C231-B	PAO 68 or PAG ISO 46	200



						
Ford						
Mondeo	03.2007-	R134a	520	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Granada/Scorpio	1985-93	R12	765-785	ESA-M2C31-A	PAO 68	205
Granada/Scorpio	1994-12.94	R134a	0	WSH-M1C231-B	PAO 68 or PAG ISO 46	160
Scorpio	1995-98	R134a	980-1020	WSH-M1C231-B	PAO 68 or PAG ISO 46	160
Puma	1997-03	R134a	730-750	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Probe	1994-98	R134a	1000-1100	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Cougar	1998-03	R134a	725-755	YN-12 B	PAO 68 or PAG ISO 46	200
Galaxy 2,0/2,3	1995-00	R134a	950-1000	WSH-M1C231-B	PAO 68 or PAG ISO 46	205
with rear AC	1995-00	R134a	1350-1400	WSH-M1C231-B	PAO 68 or PAG ISO 46	240
Galaxy 2,8/1,9 TDI	1995-00	R134a	950-1000	N052 154 VXOO	PAO 68 or PAG ISO 46	135
with rear AC	1995-00	R134a	1350-1400	N052 154 VXOO	PAO 68 or PAG ISO 46	240
Galaxy Sanden compressor	06.00-06	R134a	700-750	PAG	PAO 68 or PAG ISO 46	135
Sanden compressor with rear AC	06.00-06	R134a	1050-1100	PAG	PAO 68 or PAG ISO 46	240
Galaxy Visteon compressor	06.00-06	R134a	700-750	PAG	PAO 68 or PAG ISO 46	200
Visteon compressor with rear AC	06.00-06	R134a	1050-1100	PAG	PAO 68 or PAG ISO 46	240
Galaxy	05.2006-	R134a	585-615	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
with rear AC	05.2006-	R134a	835-865	WSH-M1C231-B	PAO 68 or PAG ISO 46	250
Maverick	1993-98	R134a	740-760	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Maverick	2001-06	R134a	850	WSH-M1C231-B	PAO 68 or PAG ISO 46	265
Ranger	1999-03	R134a	550	PAG FD46XG	PAO 68 or PAG ISO 46	180
Explorer (U2) 4,0iV6	03.95-1998	R134a		PAG	PAO 68	
Explorer (U2) 4,0iV6	1998-2002	R134a	650	PAG	PAO 68 or PAG ISO 46	265







						
Ford						
Tourneo Connect 1,8i/1,8D TDCi	2002-07	R134a	730-750	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Transit	1994-12.99	R134a	885-915	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
with rear AC	1994-08.97	R134a	1375-1425	WSH-M1C231-B	PAO 68 or PAG ISO 46	250
with rear AC	09.97-12.99	R134a	1175-1225	WSH-M1C231-B	PAO 68 or PAG ISO 46	250
Transit 2,0Di/2,4Di	01.00-05	R134a	720-760	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
with rear AC	01.00-05	R134a	1530-1590	WSH-M1C231-B	PAO 68 or PAG ISO 46	250
Transit 2,3i/2,0TDCi	2001-05	R134a	970-1010	WSH-M1C231-B	PAO 68 or PAG ISO 46	280
Transit/Tourneo	07.2006-	R134a	730-770	WSH-M1C231-B	PAO 68 or PAG ISO 46	280
with rear AC	07.2006-	R134a	1370-1430	WSH-M1C231-B	PAO 68 or PAG ISO 46	0
S-Max	2006-	R134a	585-615	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
with rear AC	2006-	R134a	835-865	WSH-M1C231-B	PAO 68 or PAG ISO 46	250
Honda						
Civic/Shuttle - Denso compressor	1988-91	R12	850-950	Suniso 5GS	PAO 68	80
Matsushita compressor	1988-91	R12	850-950	Suniso 5GS	PAO 68	130
Civic - Denso compressor	1991-93	R12	600-650	Suniso 5GS	PAO 68	80
Matsushita compressor	1991-93	R12	600-650	Suniso 5GS	PAO 68	140
Sanden compressor	1991-93	R12	600-650	Suniso 5GS	PAO 68	120
Civic - Denso compressor	1994-95	R134a	500-550	Dens Oil 8	PAO 68 or PAG ISO 46	120
Matsushita compressor	1994-95	R134a	500-550	GU10	PAO 68 or PAG ISO 46	140
Sanden compressor	1994-95	R134a	500-550	SP10	PAO 68 or PAG ISO 46	120






						
Honda						
Civic 2/3/4-door - Denso compressor	1996-00	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	140
Sanden compressor	1996-00	R134a	600-650	SP10	PAO 68 or PAG ISO 46	130
Civic 5-door	1995-97	R134a	500-550	SP10	PAO 68 or PAG ISO 46	120
Civic 5-door - Denso compressor	1997-00	R134a	500-550	Dens Oil 8	PAO 68 or PAG ISO 46	120
Sanden compressor	1997-00	R134a	500-550	SP10	PAO 68 or PAG ISO 46	130
Civic 5-door diesel right-hand drive	1997-00	R134a	560	SP10	PAO 68 or PAG ISO 46	135
Civic 5-door diesel left-hand drive	1997-00	R134a	640	SP10	PAO 68 or PAG ISO 46	135
Civic/Civic Coupe (EU/EP/EM) 1,4i/1,6i/2,0i	2001-06	R134a	500-550	SP10	PAO 68 or PAG ISO 46	130-150
Civic 1,7D CTDi	2002-06	R134a	500-550	PAG	PAO 68 or PAG ISO 46	145
Civic VII 1,4i/1,8i	2006-	R134a	450-480	SP10	PAO 68 or PAG ISO 46	80
Civic VII 2,2D i-CTDi	2006-	R134a	450-480	SP10	PAO 68 or PAG ISO 46	85
Ballade	1987-89	R12	750-850	Suniso 5GS	PAO 68	80
Concerto	1990-92	R12	850-950	Suniso 5GS	PAO 68	130
Concerto	1993-95	R134a	750-800	SP10	PAO 68 or PAG ISO 46	120
Jazz	2001-08	R134a	400-450	Dens Oil 8	PAO 68 or PAG ISO 46	85
Accord	1986-91	R12	875-925	Suniso 5GS	PAO 68	90-120
Accord	1992-93	R12	800-850	Suniso 5GS	PAO 68	90-120
Accord - Denso compressor	1993-98	R134a	700-750	Dens Oil 8	PAO 68 or PAG ISO 46	160
Hadsys compressor	1993-98	R134a	700-750	S10X	PAO 68	160
Accord diesel right-hand drive	1996-98	R134a	700	SP10	PAO 68 or PAG ISO 46	135
Accord diesel left-hand drive	1996-98	R134a	650	SP10	PAO 68 or PAG ISO 46	135
Accord - Denso compressor	1998-03	R134a	500-550	Dens Oil 8	PAO 68 or PAG ISO 46	160
Sanden compressor	1998-03	R134a	500-550	SP10	PAO 68 or PAG ISO 46	130
Accord Aerodeck/Coupé	1992-93	R12	800-850	Suniso 5GS	PAO 68	90-120
Accord Aerodeck/Coupé - Denso compressor	1994-97	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	160








						
Honda						
Hadsys compressor	1994-97	R134a	600-650	S10X	PAO 68	160
Accord Coupé	1998-03	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	160-175
Accord 2,0i/2,4i	2003-08	R134a	500-600	SP10	PAO 68 or PAG ISO 46	130
Accord 2,2D i-CTDi	2003-08	R134a	450-500	Dens Oil 8	PAO 68 or PAG ISO 46	160
Legend - Denso compressor	1987-91	R12	850-950	Suniso 5GS	PAO 68	80
Matsushita compressor	1987-91	R12	850-950	Suniso 5GS	PAO 68	130
Legend	1991-92	R12	700-800	Suniso 5GS	PAO 68	120
Legend - Denso compressor	1993-96	R134a	750-800	Dens Oil 8	PAO 68 or PAG ISO 46	180
Hadsys compressor	1993-96	R134a	750-800	S10X	PAO 68	180
Legend	1996-00	R134a	700-750	Dens Oil 8	PAO 68 or PAG ISO 46	140
CRX - Denso compressor	1992-93	R12	600-650	Suniso 5GS	PAO 68	80
Matsushita compressor	1992-93	R12	600-650	Suniso 5GS	PAO 68	140
Sanden compressor	1992-93	R12	600-650	Suniso 5GS	PAO 68	120
CRX - Denso compressor	1994-97	R134a	500-550	Dens Oil 8	PAO 68 or PAG ISO 46	120
Matsushita compressor	1994-97	R134a	500-550	GU10	PAO 68 or PAG ISO 46	140
Sanden compressor	1994-97	R134a	500-550	SP10	PAO 68 or PAG ISO 46	120
Prelude right-hand drive	1987-92	R12	800-900	Suniso 5GS	PAO 68	130
Prelude left-hand drive	1987-92	R12	850-950	Suniso 5GS	PAO 68	130
Prelude	1992-93	R12	750-800	Suniso 5GS	PAO 68	120-140
Prelude right-hand drive	1994-96	R134a	650-700	SP10	PAO 68 or PAG ISO 46	120
Prelude left-hand drive	1994-96	R134a	600-650	SP10	PAO 68 or PAG ISO 46	120
Prelude	1997-01	R134a	700-750	SP10	PAO 68 or PAG ISO 46	130-150
CRV right-hand drive	1997-02	R134a	600-650	SP10	PAO 68 or PAG ISO 46	130-150
CRV	2002-08	R134a	480-530	SP10	PAO 68 or PAG ISO 46	130-150
CRV 2,2D i-CTDi	2004-08	R134a	450-500	Dens Oil 8	PAO 68 or PAG ISO 46	160








						
Honda						
FR-V Sanden compressor	2005-08	R134a	550	PAG	PAO 68 or PAG ISO 46	130
FR-V Denso compressor	2005-08	R134a	550	PAG	PAO 68 or PAG ISO 46	100
HR-V 1,6i	1999-06	R134a	550-650	SP10	PAO 68 or PAG ISO 46	130-150
Shuttle 2,2i/2,3i	1995-01	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	160
with rear AC	1995-01	R134a	800-850	Dens Oil 8	PAO 68 or PAG ISO 46	160
Stream 1,7i	2001-06	R134a	500-550	SP10	PAO 68 or PAG ISO 46	130-150
Stream 2,0i	2001-06	R134a	500-550	SP10	PAO 68 or PAG ISO 46	160-175
with rear AC	2001-06	R134a	700-750	SP10	PAO 68 or PAG ISO 46	160-175
S2000	1999-04	R134a	600-650	SP10	PAO 68 or PAG ISO 46	130-150
Hyundai						
Atoz/Atos	1998-04	R134a	625-675	PAG FD46XG	PAO 68 or PAG ISO 46	150
Pony - DKK compressor	1985-90	R12	850-950	FREOL DS-83P	PAO 68	150
Mando compressor	1985-90	R12	850-950	Suniso 5GS	PAO 68	175
Pony	1991-93	R12	850-900	Suniso 5GS	PAO 68	240
Pony	1994	R12	850-900	EXPOXJ	PAO 68	207-230
Pony	1994	R134a	680-700	PAG FD46XG	PAO 68 or PAG ISO 46	207-230
Accent	1994	R12	850-900	EXPOXJ	PAO 68	207-230
Accent	1994-95	R134a	670-680	PAG FD46XG	PAO 68 or PAG ISO 46	140-160
Accent	1996-09.99	R134a	670-680	PAG FD46XG	PAO 68 or PAG ISO 46	170-190
Accent	10.99-02	R134a	575-625	PAG FD46XG	PAO 68 or PAG ISO 46	140-160
Accent (LC)	2002-2005	R134a	550	PAG FD46XG	PAO 68 or PAG ISO 46	180
Accent (MC)	11.2005-	R134a	500	PAG	PAO 68	0
Elantra (XD) compressor: HS-15	06.00-06	R134a	655-705	PAG FD46XG	PAO 68 or PAG ISO 46	140-160



						
Hyundai						
Elantra (XD) compressor: 10PA15	06.00-06	R134a	655-705	Dens Oil 8	PAO 68 or PAG ISO 46	120-135
Getz	2002-08	R134a	475-525	Dens Oil 8	PAO 68 or PAG ISO 46	110-130
Grandeur 3,3i/3,8i	2005-	R134a	480-520	PAG	PAO 68	140-160
Lantra	1991-93	R12	900	Suniso 5GS	PAO 68	112-118
Lantra	1994	R12	850-900	EXPOXJ	PAO 68	140-160
Lantra	1994-96	R134a	670-680	PAG FD46XG	PAO 68 or PAG ISO 46	140-160
Lantra	1996-00	R134a	675-725	PAG FD46XG	PAO 68 or PAG ISO 46	170-190
Matrix 1,6i/1,8i	2001-06	R134a	570	PAG	PAO 68	155
Santa Fe	2001-06	R134a	575-625	PAG FD46XG	PAO 68 or PAG ISO 46	160
Santa Fe (CM) 2,7iV6	03.2006-	R134a	850	PAG	PAO 68	210
Santa Fe (CM) 2,2CRDi	03.2006-	R134a	600	PAG	PAO 68	150
Stellar	1987-91	R12	850-1000	FREOL DS-83P	PAO 68	150
Sonata	1988-93	R12	850-900	Dens Oil 6	PAO 68	207-230
Sonata	1993-94	R134a	775-825	PAG FD46XG	PAO 68 or PAG ISO 46	207-230
Sonata	1995-97	R134a	700-750	PAG FD46XG	PAO 68 or PAG ISO 46	207-230
Sonata III (EF)	1998-01	R134a	675-725	PAG FD46XG	PAO 68 or PAG ISO 46	150
Sonata IV (new EF)	2001-05	R134a	660-700	PAG FD46XG	PAO 68 or PAG ISO 46	150
Sonata V (NF)	2005-	R134a	530-570	PAG FD46XG	PAO 68 or PAG ISO 46	150
S Coupé	1990-91	R12	850-900	Suniso 5GS	PAO 68	240
S Coupé	1992-93	R12	850-950	Dens Oil 6	PAO 68	60-100
S Coupé	1994	R12	800-900	EXPOXJ	PAO 68	207-230
S Coupé	1994-04.96	R134a	650-700	PAG FD46XG	PAO 68 or PAG ISO 46	140-160
Coupé	05.96-04.02	R134a	675-725	PAG FD46XG	PAO 68 or PAG ISO 46	170-190








						
Hyundai						
Coupé (GK)	2002-06	R134a	575-625	PAG	PAO 68	140-160
H100	1993-02.00	R134a	625-675	PAG	PAO 68 or PAG ISO 46	170-190
with rear AC	1993-02.00	R134a	1350-1450	PAG	PAO 68 or PAG ISO 46	170-190
H1/H200/Starex 2,4i/2,5D/2,6D compressor: FS10/Zexel	1997-05	R134a	625-675	PAG	PAO 68	200-220
with rear AC	1997-05	R134a	1300	PAG	PAO 68	220-240
H1/H200/Starex 2,4i/2,5D/2,6D compressor: MSC130CV/V6 CWV	1997-05	R134a	625-675	PAG	PAO 68	240-260
with rear AC	1997-05	R134a	1300	PAG	PAO 68	260-280
Terracan 2,9 CRDI/3,5iV6	2001-08	R134a	825-875	PAG	PAO 68	170-190
Trajet	03.00-03	R134a	645-695	PAG	PAO 68 or PAG ISO 46	170-190
with rear AC	03.00-03	R134a	825-875	PAG	PAO 68 or PAG ISO 46	170-190
Tuscon with petrol engine	2004-08	R134a	490-530	Dens Oil 8	PAO 68 or PAG ISO 46	120-135
Tuscon with diesel engine	2004-08	R134a	490-530	Dens Oil 8	PAO 68 or PAG ISO 46	200-215
Galloper	08.98-02	R134a	760-800	PAG FD46XG	PAO 68 or PAG ISO 46	170-190
with rear AC	08.98-02	R134a	1150-1200	PAG FD46XG	PAO 68 or PAG ISO 46	170-190
XG	2000-03	R134a	650-690	PAG FD46XG	PAO 68 or PAG ISO 46	150
Isuzu						
Ascender	2003-05	R134a	1100	PAG	PAO 68	0
Piazza	1988-91	R12	1000	Suniso 5GS	PAO 68	150
Trooper	1986-92	R12	950	FREOL DS-83P	PAO 68	150
Trooper compressor DKS-17CH	1992-94	R12	850	FREOL DS-83P	PAO 68	150
compressor DCV-14A	1992-94	R12	850	D-220WX	PAO 68	150
Trooper	1994-98	R134a	750	PAG	PAO 68 or PAG ISO 100	270








						
Isuzu						
Trooper diesel	1994-98	R134a	750	PAG	PAO 68 or PAG ISO 46	270
Trooper	1998-03	R134a	750	ZXL 200 PG	PAO 68 or PAG ISO 100	150
Trooper diesel	1998-03	R134a	750	ZXL 100 PG	PAO 68 or PAG ISO 46	150
Campo diesel	1993-03	R134a	750	PAG	PAO 68 or PAG ISO 46	260
Jaguar (Daimler)						
Daimler Double Six 6,0i	1994-97	R134a	1050-1150	Dens Oil 8	PAO 68 or PAG ISO 46	180-200
Daimler 4,0V8	1997-04	R134a	650-700	PAG	PAO 68	160-200
S-Type <- VIN M45255	1999-02	R134a	775-825	WSH-M1C231-B	PAO 68 or PAG ISO 46	210
S-Type -> VIN M45255	2002-08	R134a	725-775	PAG	PAO 68 or PAG ISO 46	210
S-Type 2,7D	2004-08	R134a	650-750	WSH-M1C231-B	PAO 68 or PAG ISO 46	210
X-Type (CF1) 2,0i/2,5i/3,0i	2001-08	R134a	795-825	PAG	PAO 68	220
X-Type 2,0D/2,2D	2003-08	R134a	720-750	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
XJ6/Sovereign - Sanden compressor	1986-92	R12	1102-1158	Suniso 5GS	PAO 68	135
GM compressor	1986-92	R12	1102-1158	Suniso 5GS	PAO 68	200
XJ6/Sovereign	1993-94	R134a	1127-1173	SP20	PAO 68 or PAG ISO 100	120-150
XJ6/XJR	1994-97	R134a	1050-1150	Dens Oil 8	PAO 68 or PAG ISO 46	180-200
XJR 4,0i	1998-03	R134a	650-700	PAG	PAO 68	160-200
XJR 4,2i	2003-08	R134a	630-650	Dens Oil 8	PAO 68 or PAG ISO 46	140
with rear AC	2003-08	R134a	780-820	Dens Oil 8	PAO 68 or PAG ISO 46	180
XJ8 3,2i/4,0i	1997-03	R134a	650-700	PAG	PAO 68 or PAG ISO 46	165-195
XJ12/Double Six	1990-92	R12	1552-1608	Suniso 5GS	PAO 68	140-160
XJ12/Double Six	1993-94	R134a	1127-1173	SP20	PAO 68 or PAG ISO 100	120-150
XJ12/Double Six	1994-97	R134a	1050-1150	Dens Oil 8	PAO 68 or PAG ISO 46	180-200








						
Jaguar (Daimler)						
XJS 3,6	1983-87	R12	1102-1158	Suniso 5GS	PAO 68	200
XJS V12	1980-87	R12	1150	Suniso 5GS	PAO 68	200
XJS - Sanden compressor	88-08.93	R12	1130	Suniso 5GS	PAO 68	135
GM compressor	88-08.93	R12	1130	Suniso 5GS	PAO 68	200
XJS	09.93-97	R134a	900-950	SP20	PAO 68 or PAG ISO 100	120-150
XK8	10.96-03	R134a	600-700	PAG	PAO 68 or PAG ISO 46	160-200
XKR 4,0i/4,2i	2002-06	R134a	650-700	PAG	PAO 68	160-200
Kia						
Carens	99-07.02	R134a	800	PAG	PAO 68 or PAG ISO 46	120
Carens II	07.02-	R134a	660-700	ND-Oil 8	PAO 68 or PAG ISO 46	200
Carnival	2000-06	R134a	1150	PAG	PAO 68 or PAG ISO 46	200
Carnival 2,5i GV6	2001-06	R134a	1000	ND 8	PAO 68 or PAG ISO 46	200
Carnival	2006-	R134a	775-825	ND 8	PAO 68 or PAG ISO 46	110-130
Cerato with petrol engine	2004-08	R134a	475-525	ND-Oil 8	PAO 68 or PAG ISO 46	120-135
Cerato with diesel engine	2004-08	R134a	475-525	ND-Oil 8	PAO 68 or PAG ISO 46	200-215
Ceed	12.2006-	R134a	500	FD46XG	PAO 68 or PAG ISO 46	120
Clarus/Credos 1,8	1996-03	R134a	700	PAG	PAO 68 or PAG ISO 46	150
Clarus/Credos 2,0	1996-03	R134a	700	PAG	PAO 68 or PAG ISO 100	200
Joice	2000-06	R134a	730	FD46XG	PAO 68 or PAG ISO 46	210
Magentis	2001-05	R134a	645-695	PAG	PAO 68	150
Magentis drive belt 6PK	11.05-07	R134a	475-525	ND 8	PAO 68 or PAG ISO 46	140-160
Opirus	2003-07	R134a	625-675	FD46XG	PAO 68 or PAG ISO 46	140-160








						
Kia						
Picanto	2004-08	R134a	425-475	FD46XG	PAO 68 or PAG ISO 46	110-130
Pregio	10.97-05	R134a	830	PAG	PAO 68 or PAG ISO 46	200
Rio	2000-05	R134a	650	PAG	PAO 68	0
Rio II	2005-	R134a	475-525	ND-Oil 8	PAO 68 or PAG ISO 46	110-130
Sedona	2000-03	R134a	1150	PAG	PAO 68 or PAG ISO 46	200
Sephia/Mentor	1996-00	R134a	700	PAG	PAO 68 or PAG ISO 46	140
Shuma	1998-04	R134a	700	PAG	PAO 68 or PAG ISO 46	140
Sportage	1995-03	R134a	700	ZXL 200 PG	PAO 68 or PAG ISO 100	200
Sportage drive belt 6PK	2004-08	R134a	485-535	ND 8	PAO 68 or PAG ISO 46	200-215
Sportage drive belt 4PK	2004-08	R134a	485-535	ND 8	PAO 68 or PAG ISO 46	120-135
Sorento	2002-07	R134a	575-625	Dens Oil 8	PAO 68 or PAG ISO 46	200
Lancia						
Y10	1992-93	R12	800	Suniso 5GS	PAO 68	100
Ypsilon 1,1	1996-03	R134a	625-675	Dens Oil 8	PAO 68 or PAG ISO 46	60-100
Ypsilon 1,2/1,4	1996-03	R134a	650-700	Dens Oil 9	PAO 68 or PAG ISO 100	140-180
Ypsilon 1,2i/1,2i16V/1,4i/1,3D JTD	2003-08	R134a	500	Dens Oil 8	PAO 68 or PAG ISO 46	130
Delta/Prisma diesel	1986-93	R12	800-900	Suniso 5GS	PAO 68	120-150
Delta - Sankyo compressor	1994-99	R134a	800	SP20	PAO 68 or PAG ISO 100	135
Harrison compressor	1994-99	R134a	800	UCON RL 488	PAO 68 or PAG ISO 150	236
Delta 1,6 16 V	1996-99	R134a	730	Dens Oil 9H-5	PAO 68 or PAG ISO 100	130-170
Delta 1,8 16 V	1996-99	R134a	730	Dens Oil 9H-5	PAO 68 or PAG ISO 100	140-180
Delta Turbo D	1994-99	R134a	730	UCON RL 488	PAO 68 or PAG ISO 150	236








						
Lancia						
Dedra - Sankyo compressor	1989-93	R12	850-950	Suniso 5GS	PAO 68	135
Harrison compressor	1989-93	R12	850-950	Suniso 5GS	PAO 68	236
Dedra - Sankyo compressor	1993-95	R134a	850-950	SP20	PAO 68 or PAG ISO 100	135
Harrison compressor	1993-95	R134a	850-950	SP20	PAO 68 or PAG ISO 100	236
Dedra - Sankyo compressor	1996-99	R134a	730	Dens Oil 9	PAO 68 or PAG ISO 100	140-180
Harrison compressor	1996-99	R134a	730	UCON RL 488	PAO 68 or PAG ISO 150	236
Sanden compressor	1996-99	R134a	730	SP10	PAO 68 or PAG ISO 46	240
Denso compressor	1996-99	R134a	730	Dens Oil 9	PAO 68 or PAG ISO 100	140-180
Dedra 2,0ie 16 V all wheel drive	1995-99	R134a	850-950	SP20	PAO 68 or PAG ISO 100	135
Dedra Turbo D	1994-99	R134a	730	UCON RL 488	PAO 68 or PAG ISO 150	236
Lybra 1,6i	1999-06	R134a	675-725	UCON RL 488	PAO 68 or PAG ISO 150	265
Lybra 1,8i/2,0i/1,9JTD	2001-07	R134a	675-725	SP20	PAO 68 or PAG ISO 100	145
Lybra 2,4JTD	1999-06	R134a	675-725	Dens Oil 8	PAO 68 or PAG ISO 46	120
Musa 1,4i/1,4i16V/1,3D JTD/1,9D JTD	2004-08	R134a	500	SP10	PAO 68 or PAG ISO 46	130
Phedra	2002-07	R134a	575-625	SP10	PAO 68 or PAG ISO 46	135
Thema	1988-92	R12	1200	Suniso 5GS	PAO 68	135
Thema	1992-94	R134a	1100	Sanden E13 M6	PAO 68 or PAG ISO 100	135
Thesis	2002-08	R134a	650	SP10	PAO 68 or PAG ISO 46	140
Thesis 3,0i/3,2i	2002-07	R134a	730	SP10	PAO 68 or PAG ISO 46	140
Kappa - Sanden compressor	1994-00	R134a	730	SP10	PAO 68 or PAG ISO 46	135
Denso compressor	1994-00	R134a	800	Dens Oil 8	PAO 68 or PAG ISO 46	140-170
Zeta	1996-02	R134a	950-1000	SP10	PAO 68 or PAG ISO 46	135








						
Landrover						
Freelander	1997-00	R134a	700-750	Dens Oil 8	PAO 68 or PAG ISO 46	130-170
Freelander	2000-06	R134a	515-565	PAG	PAO 68 or PAG ISO 46	0
Freelander left-hand drive engine: 2,5i	2000-06	R134a	410-450	Dens Oil 8	PAO 68 or PAG ISO 46	0
Freelander II 2,2DTD4	2006-	R134a	730	WSH-M1C231-B	PAO 68 or PAG ISO 46	200
Freelander II 3,2i	2006-	R134a	730	WSH-M1C231-B	PAO 68 or PAG ISO 46	150
90/110/Defender	85-05.94	R12	1190-1250	Suniso 4GS	PAO 68	313
Defender	06.94-98	R134a	1090	Dens Oil 8	PAO 68 or PAG ISO 46	313
Defender TD5 enginecode:10P	1999-07	R134a	700-800	Dens Oil 8	PAO 68 or PAG ISO 46	0
Defender TD5 enginecode:15P	2001-07	R134a	700-800	Dens Oil 8	PAO 68 or PAG ISO 46	180
Discovery	90-08.94	R12	1190	Suniso 4GS	PAO 68	120-150
with rear AC	90-08.94	R12	1540	Suniso 4GS	PAO 68	120-150
Discovery	09.94-98	R134a	900	Dens Oil 8	PAO 68 or PAG ISO 46	180
with rear AC	09.94-98	R134a	1150	Dens Oil 8	PAO 68 or PAG ISO 46	180
Discovery	1998-04	R134a	675-725	Dens Oil 8	PAO 68 or PAG ISO 46	180
with rear AC	1998-04	R134a	875-925	Dens Oil 8	PAO 68 or PAG ISO 46	180
Discovery III 2,7TD	10.04-09	R134a	550	Dens Oil 8	PAO 68 or PAG ISO 46	130
with rear AC	10.04-09	R134a	810	Dens Oil 8	PAO 68 or PAG ISO 46	180
Discovery III 4,4i	10.04-09	R134a	600	Dens Oil 8	PAO 68 or PAG ISO 46	130
with rear AC	10.04-09	R134a	900	Dens Oil 8	PAO 68 or PAG ISO 46	180
Range Rover right-hand drive	89-08.94	R12	1250	Suniso 4GS	PAO 68	120-150
Range Rover left-hand drive	89-08.94	R12	1080	Suniso 4GS	PAO 68	120-150
Range Rover/Classic	09.94-95	R134a	900	Dens Oil 8	PAO 68 or PAG ISO 46	180
Range Rover II petrol	1994-99	R134a	1250	SP10	PAO 68 or PAG ISO 46	150
Range Rover II petrol	1999-02	R134a	1355-1405	Dens Oil 8	PAO 68 or PAG ISO 46	180








						
Landrover						
Range Rover II diesel	1994-02	R134a	1100	Dens Oil 8	PAO 68 or PAG ISO 46	140
Range Rover III (LM) 4,4i (448S2)/3,0TD	2002-06	R134a	500-520	Dens Oil 8	PAO 68 or PAG ISO 46	110
Range Rover III 4,4i (448PN)/4,2i Supercharged	2005-09	R134a	700	Dens Oil 8	PAO 68 or PAG ISO 46	120
Range Rover Sport 4,4i (448PN)/4,2i Supercharged	2005-09	R134a	600	Dens Oil 8	PAO 68 or PAG ISO 46	130
Range Rover Sport 2,7D TDV6	2005-09	R134a	600	Dens Oil 8	PAO 68 or PAG ISO 46	130
Lexus						
IS200	1999-05	R134a	550-650	Dens Oil 8	PAO 68 or PAG ISO 46	150
IS 300	2001-05	R134a	550-650	Dens Oil 8	PAO 68 or PAG ISO 46	0
IS 250/220d	2005-	R134a	400-460	Dens Oil 8	PAO 68 or PAG ISO 46	0
GS300	1994-97	R134a	800-900	Dens Oil 8	PAO 68 or PAG ISO 46	150
GS300	1997-05	R134a	550-650	Dens Oil 8	PAO 68 or PAG ISO 46	150
GS430	2000-05	R134a	550-650	PAG	PAO 68	0
LS400	1990-92	R12	1050	Dens Oil 6	PAO 68	150
LS400	1993-09.00	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	150
with rear AC	1993-09.00	R134a	900-1000	Dens Oil 8	PAO 68 or PAG ISO 46	180
LS430	2001-07	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	2001-07	R134a	850-950	Dens Oil 8	PAO 68 or PAG ISO 46	0
RX 300	2000-03	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	0
RX 300	2003-07	R134a	550-650	Dens Oil 8	PAO 68 or PAG ISO 46	0
RX 350	2006-	R134a	600	Dens Oil 8	PAO 68 or PAG ISO 46	120
RX 400h	2005-08	R134a	550-650	ND Oil 11		120
SC 430	2001-06	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	125-135








						
Maybach						
Maybach (240) 57/63 front AC	2002-06	R134a	950			
with rear AC		R134a	950			
compressor 7SEU17C				PAG	PAO 68	170
compressor 6SEU14C				PAG	PAO 68	120
Mazda						
2 condenser tube 1,2 mm (f)	2003-07	R134a	470	PAG	PAO 68 or PAG ISO 46	210
2 condenser tube 3mm(f)	2003-07	R134a	650	PAG	PAO 68 or PAG ISO 46	210
3 1,4i/1,6i/2,0i	2003-08	R134a	500	Atmos GU10	PAO 68 or PAG ISO 46	125
3 1,6D	2003-08	R134a	650	PAG SP10	PAO 68 or PAG ISO 46	200
5 1,8i/2,0i/2,0D CRD	2005-08	R134a	500	Atmos GU10	PAO 68 or PAG ISO 46	150
6 left-hand drive 1,8i/2,0i/2,3i	2002-07	R134a	470	GU10	PAO 68 or PAG ISO 46	120
6 right-hand drive 1,8i/2,0i/2,3i	2002-07	r134a	430	GU10	PAO 68 or PAG ISO 46	120
6 left-hand drive 2,0D Turbo	2002-07	R134a	470	Atmos GU10	PAO 68 or PAG ISO 46	150
6 right-hand drive 2,0D Turbo	2002-07	R134a	430	Atmos GU10	PAO 68 or PAG ISO 46	150
121	1993-12.94	R134a	650	GU10	PAO 68 or PAG ISO 46	175
121	1995-03	R134a	730-750	PAG	PAO 68 or PAG ISO 46	200
323	1989-94	R12	750-800	Dens Oil 6	PAO 68	120
323	94-10.96	R134a	750	GU10	PAO 68 or PAG ISO 46	175
323	11.96-08.98	R134a	700-750	GU10	PAO 68 or PAG ISO 46	150
323 right-hand drive	09.98-03	R134a	625	GU10	PAO 68 or PAG ISO 46	150
323 left-hand drive	09.98-03	R134a	600	GU10	PAO 68 or PAG ISO 46	150
626	1987-92	R12	800	FREOL DS-83P	PAO 68	150








						
Mazda						
626	92-05.94	R134a	750-800	ATMOS 150	PAO 68	150
626	06.94-97	R134a	700	GU10	PAO 68 or PAG ISO 46	175
626	1997-03	R134a	625-700	GU10	PAO 68 or PAG ISO 46	150
929	1989-94	R12	800	Freol DS-83P	PAO 68	0
Demio left-hand drive	1998-04	R134a	650	GU10	PAO 68 or PAG ISO 46	150
Demio right-hand drive	1998-04	R134a	600	GU10	PAO 68 or PAG ISO 46	150
Xedos 6	92-03.94	R134a	700	GU10	PAO 68 or PAG ISO 46	130-140
Xedos 6	04.94-03	R134a	700	GU10	PAO 68 or PAG ISO 46	175
Xedos 9	1994-03	R134a	700-800	GU10	PAO 68 or PAG ISO 46	175
MX3	1991-94	R134a	800	ATMOS 150	PAO 68	150
MX3	1995-99	R134a	750	GU10	PAO 68 or PAG ISO 46	175
MX5 (NB) up to vehicle identification no.: 200000	1998-05	R134a	700	PAG	PAO 68	0
MX5 (NB) from vehicle identification no.: 200001	1998-05	R134a	425	PAG	PAO 68	0
MX6	92-05.94	R134a	750-800	ATMOS 150	PAO 68	150
MX6	06.94-98	R134a	700	GU10	PAO 68 or PAG ISO 46	175
MPV3,0i	1994-99	R134a	1050	Dens Oil 8	PAO 68 or PAG ISO 46	200
with rear AC	1994-99	R134a	1200	Dens Oil 8	PAO 68 or PAG ISO 46	215
MPV II	09.99-05	R134a	650	Dens Oil 8	PAO 68 or PAG ISO 46	160
with rear AC	09.99-05	R134a	850	Dens Oil 8	PAO 68 or PAG ISO 46	160
Premacy	1999-05	R134a	650	GU10	PAO 68 or PAG ISO 46	150
RX 8	2003-08	R134a	430	PAG	PAO 68 or PAG ISO 46	60
Tribute 2,0i/3,0i	2000-07	R134a	900	PAG	PAO 68 or PAG ISO 46	260
B-Serie 2,5D/2,5TD	1998-02	R134a	550	PAG	PAO 68 or PAG ISO 46	180






						
Mazda						
BT-50 2,5D/3,0D	2006-	R134a	475	FD46XG	PAO 68 or PAG ISO 46	180
E2000/B2000	1985-94	R12	1600	Suniso 5GS	PAO 68	0
E-Serie	1995-00	R134a	550	ZXL 100 PG	PAO 68 or PAG ISO 46	150
with rear AC	1995-00	R134a	1150	ZXL 100 PG	PAO 68 or PAG ISO 46	200
Mercedes-Benz						
A-class (W168)	1998-05	R134a	600	A001 989 0803	PAO 68 or PAG ISO 46	100
A-class (W169) 150/170/200/160CDI/180CDI	09.04-09	R134a	770	A001 989 0803	PAO 68 or PAG ISO 46	120
A-class (W169) 200CDI/200turbo	09.04-09	R134a	840	A001 989 0803	PAO 68 or PAG ISO 46	120
B-class (W245) 150/200/180CDI/170	2005-09	R134a	770	A001 989 0803	PAO 68 or PAG ISO 46	120
B-class (W245) 200 turbo/200CDI	2005-09	R134a	840	A001 989 0803	PAO 68 or PAG ISO 46	120
190/190D/190E (W201)	1984-93	R12	1000-1100	Suniso 5GS	PAO 68	120
190E 2,5-16 (W201)	1988-93	R12	950	Suniso 5GS	PAO 68	150
C-class (W202) <- VIN 1A 168 524, 1F 164 269	1993-00	R134a	950	A001 989 0803	PAO 68 or PAG ISO 46	155
C-class (W202) -> VIN 1A 168 525, 1F 164 270 R	1993-00	R134a	850	A001 989 0803	PAO 68 or PAG ISO 46	155
C-class (W203)	05.00-04.04	R134a	700-750	PAG	PAO 68 or PAG ISO 46	120
C-class (W203) Facelift	04.04-.2007	R134a	850	A001 9890 803	PAO 68 or PAG ISO 46	120
C-class (204)	2007-	R134a	590	PAG	PAO 68	0
E-class (W124)	1985-93	R12	1100	Suniso 5GS	PAO 68	120
with rear AC	1985-93	R12	1250	Suniso 5GS	PAO 68	120
E-class (W124)	1993-96	R134a	950	A001 989 0803	PAO 68 or PAG ISO 46	160
with rear AC	1993-96	R134a	1150	A001 989 0803	PAO 68 or PAG ISO 46	160
E-class (W210)	1995-02	R134a	1000	A001 989 0803	PAO 68 or PAG ISO 46	120

						
Mercedes						
E-class (W211)	03.02-08	R134a	950	PAG	PAO 68 or PAG ISO 46	120
S-class (W126) 260SE/300SE/300SEL	1985-91	R12	1200	Suniso 5GS	PAO 68	120
with rear AC	91-06.91	R12	1500	Suniso 5GS	PAO 68	120
S-class (W140) <- VIN 1A 128 373	07.91-99	R134a	1200	A001 989 0803	PAO 68 or PAG ISO 46	160
with rear AC <- VIN 1A 128 373	07.91-99	R134a	1400	A001 989 0803	PAO 68 or PAG ISO 46	160
420SE/420SEC/420SEL	1989-91	R12	1200	Suniso 5GS	PAO 68	300
500SE/500SEC/500SEL/560SE	1989-91	R12	1300	Suniso 5GS	PAO 68	300
S-class (W126)	91-06.91	R12	1300	Suniso 5GS	PAO 68	120
S-class (W140) -> VIN 1A 128 374 R	07.91-99	R134a	1150	A001 989 0803	PAO 68 or PAG ISO 46	160
with rear AC -> VIN 1A 128 374 R	07.91-99	R134a	1250	A001 989 0803	PAO 68 or PAG ISO 46	160
S-class (W220)	10.98-06	R134a	950	PAG	PAO 68	120
with rear AC	10.98-06	R134a	1050	PAG	PAO 68	120
S-class Coupe (C215) CL500/600	2002-07	R134a	950	A001 9890 803	PAO 68 or PAG ISO 46	120
SLK (R170)	1996-04	R134a	850	A001 989 0803	PAO 68 or PAG ISO 46	120
SLK (R171) 200/280/350	2004-08	R134a	670	A001 9890 803	PAO 68 or PAG ISO 46	120
CLK (C208)	1997-02	R134a	850	A001 989 0803	PAO 68 or PAG ISO 46	120
CLK (C209)	06.02-07	R134a	750	PAG	PAO 68 or PAG ISO 46	120
SL (R129)	1991-02	R134a	950	A001 989 0803	PAO 68 or PAG ISO 46	140-150
SL (R129) 300SL/500SL	89-05.91	R12	1100	Suniso 5GS	PAO 68	120
SL (R230)	10.01-07	R134a	920	PAG	PAO 68 or PAG ISO 46	120
G-class (W461)	1993-2005	R134a	1100	A001 989 0803	PAO 68 or PAG ISO 46	170
with compressor 7SB16	1993-2005	R134a	1100	A001 989 0803	PAO 68 or PAG ISO 46	120
G-class (W463)	1993-2005	R134a	1050	A001 989 0803	PAO 68 or PAG ISO 46	120








						
Mercedes						
G-class (463.322/323) 270CDI	2001-05	R134a	1070	A001 989 0803	PAO 68 or PAG ISO 46	170
GL-class (X164)	2006-09	R134a	970	A001 9890 803	PAO 68 or PAG ISO 46	110
with rear AC	2006-09	R134a	1220	A001 9890 803	PAO 68 or PAG ISO 46	110
M-class (W163)	03.98-05	R134a	750	PAG	PAO 68 or PAG ISO 46	175
M-class (W164)	07.05-09	R134a	970	PAG	PAO 68 or PAG ISO 46	110
M-class (W164) with rear AC	2006-09	R134a	1220	A001 9890 803	PAO 68 or PAG ISO 46	110
Vito (638) / V-class (638/2) compressor: Denso 7SB16	02.96-03	R134a	850	PAG	PAO 68 or PAG ISO 46	175
Denso 7SB16 with rear AC	02.96-03	R134a	1100	PAG	PAO 68 or PAG ISO 46	175
compressor: Denso 10PA17C	02.96-03	R134a	920	PAG	PAO 68 or PAG ISO 46	120
compressor: Sanden SD7V16	02.96-03	R134a	850	PAG	PAO 68 or PAG ISO 46	135
Vito/Viano (W639)	2003-08	R134a	550	PAG	PAO 68 or PAG ISO 46	190
Vito/Viano (W639) with rear AC	2003-08	R134a	840	A001 9890 803	PAO 68 or PAG ISO 46	190
long wheelbase and with rear AC	2003-08	R134a	870	A001 9890 803	PAO 68 or PAG ISO 46	190
Vaneo (414)	2002-06	R134a	600	PAG	PAO 68 or PAG ISO 46	100
Sprinter	01.95-05	R134a	860	PAG	PAO 68 or PAG ISO 46	120
with rear AC (HH7)	01.95-05	R134a	1300	PAG	PAO 68 or PAG ISO 46	175
Sprinter (906)	2006-09	R134a	740	PAG	PAO 68 or PAG ISO 46	190
with rear AC (HH7)	2006-09	R134a	1125	PAG	PAO 68 or PAG ISO 46	190








						
Mitsubishi						
Colt/Lancer - FX80 compressor	88-05.92	R12	1020	Suniso 5GS	PAO 68	130-150
FX105V compressor	88-05.92	R12	1020	Suniso 5GS	PAO 68	150-170
Colt/Lancer	1992-96	R134a	570-610	Sunpag 56	PAO 68 or PAG ISO 46	120
Colt/Lancer (CK/P) 1,3i/1,6i	1996-03	R134a	555-595	Sunpag 56	PAO 68 or PAG ISO 46	60
Colt VI 1,1i/1,3i/1,5i/1,5i turbo	2004-08	R134a	430	Dens Oil 8	PAO 68 or PAG ISO 46	100
Lancer Kombi	06.92-11.93	R12	680-780	Suniso 5GS	PAO 68	130-150
Lancer Kombi	12.93-97	R134a	700	Sunpag 56	PAO 68 or PAG ISO 46	120-140
Lancer 1,3i/1,6i	2003-08	R134a	480-520	Sunpag 56	PAO 68 or PAG ISO 46	140
Lancer 2,0i/EVO VIII	2003-08	R134a	480-520	Sunpag 56	PAO 68 or PAG ISO 46	120
Carisma	1996-00	R134a	680-720	Sunpag 56	PAO 68 or PAG ISO 46	120
Carisma diesel	1997-00	R134a	680-720	SP20	PAO 68 or PAG ISO 100	135
Eclipse (D3)	1996-05	R134a	630-670	Sunpag 56	PAO 68 or PAG ISO 46	170-190
Galant/Sapporo	1987-93	R12	1000	Suniso 5GS	PAO 68	130-150
Galant	1993-97	R134a	630-670	Sunpag 56	PAO 68 or PAG ISO 46	150-160
Galant	1997-00	R134a	670-710	Sunpag 56	PAO 68 or PAG ISO 46	120
Grandis	2004-08	R134a	535-585	Sunpag 56	PAO 68 or PAG ISO 46	160-180
with rear AC	2004-08	R134a	725-775	Sunpag 56	PAO 68 or PAG ISO 46	160-180
3000 GT	1993-00	R134a	740-790	Sunpag 56	PAO 68 or PAG ISO 46	140-180
Outlander	2003-07	R134a	530-570	Sunpag 56	PAO 68 or PAG ISO 46	120
Outlander	02.2007-	R134a	500	Dens Oil 8	PAO 68 or PAG ISO 46	0
Santamo	1999-06	R134a	730	PAG FD46XG	PAO 68 or PAG ISO 46	210
Space Gear	1995-05	R134a	650	ZXL100PG	PAO 68 or PAG ISO 46	180
with rear AC	1995-05	R134a	950-1000	Sunpag 56	PAO 68 or PAG ISO 46	240



						
Mitsubishi						
Space Wagon	1984-91	R12	910	Dens Oil 6	PAO 68	60-100
Space Runner/Wagon	91-05.93	R12	800	Dens Oil 6	PAO 68	80-120
Space Runner/Wagon Denso compressor: 10PA15	06.93-1998	R134a	720	Dens Oil 8	PAO 68 or PAG ISO 46	140
Space Runner/Wagon Denso compressor: 10PA17	06.93-1998	R134a	720	Dens Oil 8	PAO 68 or PAG ISO 46	180
Space Runner/Wagon	1999-12.99	R134a	550	Dens Oil 8	PAO 68 or PAG ISO 46	80
Space Wagon 1,8 diesel	1991-94	R12	910	Dens Oil 6	PAO 68	60-100
Space Runner/Wagon 2,0 diesel	92-11.93	R12	800	Dens Oil 6	PAO 68	80-120
Space Runner/Wagon 2,0 diesel	12.93-98	R134a	720	Dens Oil 8	PAO 68 or PAG ISO 46	100-140
Space Runner (N50)	08.99-04	R134a	500-600	PAG	PAO 68	0
Space Star	1998-05	R134a	660-700	Sunpag 56	PAO 68 or PAG ISO 46	120
Sigma	1990-1996	R134a	740-790	PAG	PAO 68	0
Shogun/Pajero 2,6/2,5 Turbo D	1988-91	R12	910	Dens Oil 6	PAO 68	140-200
with rear AC	1988-91	R12	1390	Dens Oil 6	PAO 68	130-170
Pajero/Shogun 3,0	1988-91	R12	910	Dens Oil 6	PAO 68	60-100
with rear AC	1988-91	R12	1390	Dens Oil 6	PAO 68	130-170
Pajero/Shogun	1991-94	R12	750-850	Dens Oil 6	PAO 68	80
with rear AC	1991-94	R12	1200-1300	Dens Oil 6	PAO 68	150
Pajero/Shogun	1994-03.00	R134a	600-650	Dens Oil 8	PAO 68 or PAG ISO 46	80
with rear AC	1994-03.00	R134a	1000-1050	Dens Oil 8	PAO 68 or PAG ISO 46	150
Pajero/Shogun	04.00-07	R134a	480-520	Dens Oil 8	PAO 68 or PAG ISO 46	120
with rear AC	04.00-03	R134a	770-810	Dens Oil 8	PAO 68 or PAG ISO 46	140
Pajero/Shogun Sport	2000-07	R134a	600-650	Sunpag 56	PAO 68 or PAG ISO 46	170
Pajero/Shogun Pinin left-hand drive	1999-05	R134a	600-640	ZXL 200 PG	PAO 68 or PAG ISO 100	0








						
Mitsubishi						
Pajero/Shogun Pinin right-hand drive	1999-05	R134a	550-590	ZXL 200 PG	PAO 68 or PAG ISO 100	0
Pajero IV (V80)	02.2007-	R134a	550	ZXL100PG	PAO 68 or PAG ISO 46	0
with rear AC	02.2007-	R134a	870	ZXL100PG	PAO 68 or PAG ISO 46	0
Galloper	08.98-02	R134a	760-800	PAG FD46XG	PAO 68 or PAG ISO 46	170-190
with rear AC	08.98-02	R134a	1150-1200	PAG FD46XG	PAO 68 or PAG ISO 46	170-190
L200	1985-93	R12	730-910	Dens Oil 6	PAO 68	80
L200	1994-97	R134a	700-740	Dens Oil 8	PAO 68 or PAG ISO 46	100
L200 2,4i/2,5D/2,5D turbo	1997-06	R134a	550-600	ZXL 100 PG	PAO 68 or PAG ISO 46	180
L200 2,5D DI	2006-	R134a	555	ZXL100PG	PAO 68 or PAG ISO 46	130
L300	1994-2004	R134a	700-750	PAG	PAO 68	0
with rear AC	1994-2004	R134a	1200-1250	PAG	PAO 68	0
L400	1996-05	R134a	650	ZXL 100 PG	PAO 68 or PAG ISO 46	180
with rear AC	1996-05	R134a	950	Sunpag 56	PAO 68 or PAG ISO 46	240
Nissan						
Micra (K10)	1988-92	R12	650-750	Suniso 5GS	PAO 68	150
Micra (K11)	92-03.94	R12	650-750	Suniso 5GS	PAO 68	150
Micra (K11)	04.94-00	R134a	425-475	Nissan Typ R	PAO 68 or PAG ISO 100	200
Micra (K11)	2000-03	R134a	475-525	PAG	PAO 68 or PAG ISO 46	200
Micra (K12) 1,0i/1,2i/1,4i	2003-08	R134a	450-500	KLHOO-PAGRO	PAO 68 or PAG ISO 100	0
Micra (K12) 1,5dCi	2003-08	R134a	500-600	KLHOO-PAGRO	PAO 68 or PAG ISO 100	135
Micra (K12) 1,6i	2005-	R134a	550	PAG	PAO 68 or PAG ISO 100	120
Note 1,4i	2007-09	R134a	450-500	PAG	PAO 68 or PAG ISO 100	80








						
Nissan						
Note 1,6i	2006-	R134a	475	PAG	PAO 68 or PAG ISO 100	120
Note 1,5DdCi	2006-	R134a	550	PAG	PAO 68 or PAG ISO 100	135
Sunny (B12/N13) right-hand drive	1986-91	R12	900-1100	Suniso 5GS	PAO 68	200
Sunny (B12/N13) left-hand drive	1986-91	R12	900-1100	Suniso 5GS	PAO 68	150
Sunny (N14/B13)	90-09.92	R12	650-750	Suniso 5GS	PAO 68	200
Sunny (N14/B13)	10.92-95	R134a	700-800	Nissan Typ R	PAO 68 or PAG ISO 100	200
Sunny estate/box-type van (Y10)	90-08.92	R12	550-650	Suniso 5GS	PAO 68	200
Sunny estate/box-type van (Y10)	09.92-03.94	R134a	700-800	Nissan Typ R	PAO 68 or PAG ISO 100	200
Sunny estate/box-type van (Y10)	04.94-96	R134a	650-750	KLHOO-PAGRO	PAO 68 or PAG ISO 100	180-200
Almera (N15) right-hand drive - Calsonic compressor	1995-00	R134a	450-550	Nissan Typ R	PAO 68 or PAG ISO 100	180
right-hand drive - Zexel compressor	1995-00	R134a	450-550	Nissan Typ R	PAO 68 or PAG ISO 100	200
Almera (N15) left-hand drive - Calsonic compressor	1995-00	R134a	600-700	Nissan Typ R	PAO 68 or PAG ISO 100	180
left-hand drive - Zexel compressor	1995-00	R134a	600-700	Nissan Typ R	PAO 68 or PAG ISO 100	200
Almera (N16)	07.00-06	R134a	450-550	PAG	PAO 68 or PAG ISO 46	200
Almera Tino V10	08.00-06	R134a	450-550	PAG	PAO 68 or PAG ISO 46	200
Bluebird (T12/72) right-hand drive	1984-91	R12	900-1100	Suniso 5GS	PAO 68	200
Bluebird (T12/72) left-hand drive	1984-91	R12	900-1100	Suniso 5GS	PAO 68	150
Primera (P10) right-hand drive	90-08.93	R12	750-850	Suniso 5GS	PAO 68	200
Primera (P10) left-hand drive	90-08.93	R12	700-800	Suniso 5GS	PAO 68	200
Primera (P10)	09.93-96	R134a	700-800	Nissan Typ R	PAO 68 or PAG ISO 100	200
Primera (W10)	90-08.93	R12	700-800	Suniso 5GS	PAO 68	200
Primera (W10) - Calsonic compressor	09.93-05.96	R134a	550-650	KLHOO-PAGRO	PAO 68 or PAG ISO 100	180
Zexel compressor	09.93-05.96	R134a	550-650	Nissan Typ R	PAO 68 or PAG ISO 100	200








						
Nissan						
Primera (P11)	1996-99	R134a	550-650	Nissan Typ R	PAO 68 or PAG ISO 100	180
Primera 1,6/2,0 D Turbo (P11-144)	1999-02	R134a	550-650	Nissan Typ R	PAO 68 or PAG ISO 100	180
Primera 1,8/2,0 (P11-144)	1999-02	R134a	550-650	Nissan Typ S	PAO 68 or PAG ISO 46	200
Primera (P12)	07.02-07	R134a	500	KLH00-PAGSO	PAO 68 or PAG ISO 46	180
Laurel (C32)	1985-89	R12	800-1000	Suniso 5GS	PAO 68	200-250
Maxima (J30)	1988-94	R12	800-900	Suniso 5GS	PAO 68	200
Maxima QX (A32)	1994-00	R134a	600-700	Nissan Typ S	PAO 68 or PAG ISO 46	250
Maxima QX (A33) 2,0V6/3,0V6	03.00-04	R134a	600-700	KLH00-PAGSO	PAO 68 or PAG ISO 46	200
Silvia	1984-89	R12	900-1100	Suniso 5GS	PAO 68	200
200SX (S13)	1989-94	R12	800-900	Suniso 5GS	PAO 68	200
200SX (S14)	1994-03	R134a	600-800	Nissan Typ R	PAO 68 or PAG ISO 100	200
300ZX (Z31)	1987-90	R12	900-1100	Suniso 5GS	PAO 68	150
300ZX (Z32)	1990-93	R12	750-850	Suniso 5GS	PAO 68	150
300ZX (Z32)	1994-09.95	R134a	550-650	KLH00-PAGSO	PAO 68 or PAG ISO 46	200
Serena/Vanette Cargo right-hand drive	92-06.96	R134a	600-700	Nissan Typ S	PAO 68 or PAG ISO 46	250
with rear AC	92-06.96	R134a	725-825	Nissan Typ S	PAO 68 or PAG ISO 46	250
Serena/Vanette Cargo left-hand drive	92-06.96	R134a	625-725	Nissan Typ S	PAO 68 or PAG ISO 46	250
with rear AC	92-06.96	R134a	675-775	Nissan Typ S	PAO 68 or PAG ISO 46	250
Serena/Vanette Cargo right-hand drive	07.96-03	R134a	550-650	Nissan Typ S	PAO 68 or PAG ISO 46	250
with rear AC	07.96-03	R134a	675-775	Nissan Typ S	PAO 68 or PAG ISO 46	250
Serena/Vanette Cargo left-hand drive	07.96-03	R134a	575-675	Nissan Typ S	PAO 68 or PAG ISO 46	250
with rear AC	07.96-03	R134a	625-725	Nissan Typ S	PAO 68 or PAG ISO 46	250
Prairie (M10)	1986-89	R12	900-1100	Suniso 5GS	PAO 68	150








						
Nissan						
with rear AC	1986-89	R12	1300-1500	Suniso 5GS	PAO 68	240
Prairie 2,0 (M11)	1989-94	R12	850-950	Suniso 5GS	PAO 68	150
Prairie 2,4 (M11) right-hand drive	1992-95	R12	700-800	Suniso 5GS	PAO 68	200
Prairie 2,4 (M11) left-hand drive	1992-95	R12	850-950	Suniso 5GS	PAO 68	200
Terrano I (WD21)	1987-92	R12	800-900	Suniso 5GS	PAO 68	200
Terrano II (R20)	1993-08	R134a	700-800	Nissan Typ R	PAO 68 or PAG ISO 100	200
Murano 3,5i	2005-08	R134a	525	KLHOO-PAGSO	PAO 68 or PAG ISO 46	150
Pathfinder (R51) 4,0i/2,5D dCi	2004-08	R134a	700	KLHOO-PAGSO	PAO 68 or PAG ISO 46	180
with rear AC	2004-08	R134a	850	KLHOO-PAGSO	PAO 68 or PAG ISO 46	180
Patrol diesel (160)	1982-89	R12	1000-1200	Suniso 5GS	PAO 68	270
Patrol (260)	1985-94	R12	800-1000	Suniso 5GS	PAO 68	200
Patrol GR (Y60)	87-06.94	R12	900-1100	Suniso 5GS	PAO 68	200
Patrol GR (Y60)	07.94-98	R134a	550-650	Nissan Typ S	PAO 68 or PAG ISO 46	200
Patrol (Y61) 2,8D/3,0D	1998-08	R134a	750-850	Nissan Typ S	PAO 68 or PAG ISO 46	300
Pick-up (D21)	87-02.92	R12	800-900	Suniso 5GS	PAO 68	200
Pick-up (D21)	03.92-98	R134a	750-850	Nissan Typ R	PAO 68 or PAG ISO 100	200
Pick-up (D22)	1998-02	R134a	500-600	Nissan Typ R	PAO 68 or PAG ISO 100	200
Pick-up/Navara (D22) 2,5Di	2002-07	R134a	550-650	KLHOO-PAGSO	PAO 68 or PAG ISO 46	200
Pick-up/Navara (D22) 2,4i	2002-07	R134a	600-700	KLHOO-PAGRO	PAO 68 or PAG ISO 100	200
Qashqai	2007-	R134a	450	SDH-PS	PAO 68	150
X-Trail 2,0i/2,5i/2,2Di/2,2DdCi	2001-07	R134a	500	KLHOO-PAGSO/Nissan Typ S	PAO 68 or PAG ISO 46	180
Urvan (E23)	1981-87	R12	900-1000	Suniso 5GS	PAO 68	300
Urvan (E24)	86-06.94	R12	800-900	Suniso 5GS	PAO 68	250








						
Nissan						
with rear AC	86-06.94	R12	1300-1400	Suniso 5GS	PAO 68	250
Urvan (E24)	07.94-96	R134a	900-1000	KLHOO-PAGSO	PAO 68 or PAG ISO 46	250
with rear AC	07.94-96	R134a	1150-1250	KLHOO-PAGSO	PAO 68 or PAG ISO 46	250
Cabstar (F23)	92-05.94	R12	500-600	Suniso 5GS	PAO 68	250
Cabstar (F23)	06.94-00	R134a	600-700	KLHOO-PAGSO	PAO 68 or PAG ISO 46	250
Cabstar 3,0Di	2004-06	R134a	750	PAG	PAO 68 or PAG ISO 46	250-270
Kubistar (X76) 1,2i/1,2i16V/1,5D dCi/1,6i	2003-08	R134a	640-680	SP10	PAO 68 or PAG ISO 46	135
Interstar (X70) 1,9D/ 2,2D/ 2,5D/ 3,0D	2003-06	R134a	820-880	PAG	PAO 68	150
7-seat, with rear AC	2003-06	R134a	1300	PAG	PAO 68	170
16-seat, with with rear AC	2003-06	R134a	1400	PAG	PAO 68	170
Primastar (X83) 1,9D dCi	2002-06	R134a	700	Planetelf 488	PAO 68 or PAG ISO 150	220
Vanette Cargo (C23H) 2,3D	07.96-01	R134a	600	KLHOO-PAGSO	PAO 68 or PAG ISO 46	250
with rear AC	07.96-01	R134a	700	KLHOO-PAGSO	PAO 68 or PAG ISO 46	250
Primastar 2,0i / 2,0D dCi / 2,5DdCi	2006-	R134a	750	PAG	PAO 68 or PAG ISO 150	220
with rear AC	2006-	R134a	1050	PAG	PAO 68 or PAG ISO 150	240
Opel - Vauxhall						
Agila 1,1i/1,2i/1,3DCDTi	2000-08	R134a	500	90510419	PAO 68 or PAG ISO 46	140-160
Corsa B/Combo	1993-08.00	R134a	900	Dens Oil 8	PAO 68 or PAG ISO 46	295
Corsa C engine:	09.00-05					
Z10XE/Z10XEP/Z12XE/Z12XEP/Z14XE/Z14XEP/Z16SE/Z18XE	09.00-07	R134a	650	90510419	PAO 68 or PAG ISO 46	150
Z13DT/Y17DT/Y17DTH	09.00-07	R134a	560	90510419	PAO 68 or PAG ISO 46	120








						
Opel - Vauxhall						Corsa D
Y17DTL up to model year 2003	09.00-03	R134a	650	90510419	PAO 68 or PAG ISO 46	120
Y17DTL from model year 2004	2003-07	R134a	560	90510419	PAO 68 or PAG ISO 46	120
Corsa D 1,0i/1,2i/1,4i	2007-	R134a	430	PAG	PAO 68	80
Corsa D 1,3DCDTi/1,5DCDTi	2007-	R134a	520	PAG	PAO 68	80
Astra/Belmont/Kadett-E	1984-91	R12	1000	Suniso 5GS	PAO 68	0
Astra F	1991-94	R134a	700	90443840	PAO 68 or PAG ISO 150	295
Astra F	1994-98	R134a	900	90443840	PAO 68 or PAG ISO 150	295
Astra G engine: model year:	1998-05					
Z16XE+YNG/Y17DT/Z17DTL/X20+Y20DTL/Y20DTH+22DTR/Z22SE	1998-01	R134a	700	90509933	PAO 68 or PAG ISO 46	120
Z16XE+YNG/Y17DT/Z17DTL/X20+Y20DTL/Y20DTH+22DTR/Z22SE	2002-05	R134a	600	90509933	PAO 68 or PAG ISO 46	120
Z20LET	2000-05	R134a	700	90509933	PAO 68 or PAG ISO 46	150
all other engines	1998-01	R134a	700	90509933	PAO 68 or PAG ISO 46	150
all other engines	2002-05	R134a	600	90509933	PAO 68 or PAG ISO 46	150
Astra H engine: model year:	2004-08					
Z14XEL/Z14XEP/Z16XEP/Z18XE	2004-06	R134a	475	ND 8	PAO 68 or PAG ISO 46	150
Z14XEL/Z14XEP/Z16XEP/Z18XE	2006-	R134a	450	ND 8	PAO 68 or PAG ISO 46	150
Z20LEL	2004-08	R134a	500	ND 8	PAO 68 or PAG ISO 46	150
Z17DTH/Z17DTL	2004-06	R134a	500	ND 8	PAO 68 or PAG ISO 46	120
Z17DTH/Z17DTL	2006-	R134a	475	ND 8	PAO 68 or PAG ISO 46	120
Z19DTH	2004-06	R134a	475	ND 8	PAO 68 or PAG ISO 46	135
Z19DTH	2006-	R34a	450	ND 8	PAO 68 or PAG ISO 46	135
Combo C engine: model year	2001-08					
Z13DT/Y17DT/Z17DTH	2001-08	R134a	560	90510419	PAO 68 or PAG ISO 46	120








						
Opel - Vauxhall						
Z14XEP/Z16SE/Z12XEP	2001-08	R134a	650	90510419	PAO 68 or PAG ISO 46	150
Y17DTL	2001-03	R134a	650	90510419	PAO 68 or PAG ISO 46	120
Y17DTL	2004-	R134a	560	90510419	PAO 68 or PAG ISO 46	120
Cavalier/Vectra-A	1988-93	R12	1100	90001810	PAO 68	240
Cavalier/Vectra-A (7*)	1993-95	R134a	750	90443840	PAO 68 or PAG ISO 150	295
Cavalier/Vectra-A (8*)	1994-95	R134a	1000	90443840	PAO 68 or PAG ISO 150	295
Vectra B	1995-02	R134a	900-950	90443840	PAO 68 or PAG ISO 150	295
Vectra B 2,5	1995-00	R134a	900-950	Dens Oil 8	PAO 68 or PAG ISO 46	120
Vectra 1,7 Turbo diesel	1995-96	R134a	900-950	Dens Oil 8	PAO 68 or PAG ISO 46	155
Vectra 2,0 Turbo diesel - enginecode X20DTH	1997-02	R134a	750	90443840	PAO 68 or PAG ISO 150	295
Vectra C / Signum engine: model year:	2002-08					
Z16XE/Z18XE/Z32SE/Z20NET/Z22SE/Z22YH/Y20DTH/Y22DTR	2002-08	R134a	730	90509933	PAO 68 or PAG ISO 46	120
Z19DT/Z19DTH	2002-08	R134a	730	90509933	PAO 68 or PAG ISO 46	135
Y30DT	2002-05	R134a	680	90509933	PAO 68 or PAG ISO 46	120
Carlton/Omega A	1986-94	R12	1100	90001810	PAO 68	240
Meriva Z13DT/Z17DT+DTL+DTH/Z14XEP/Z16SE/Z16+Z18XE	2004-09	R134a	690	Dens Oil 8	PAO 68 or PAG ISO 46	150
Omega B	1994-03	R134a	950	90443840	PAO 68 or PAG ISO 150	250
Omega 2,0 diesel	1998-09.00	R134a	950	90445840	PAO 68 or PAG ISO 150	295
Omega 2,5 Turbo diesel	1994-03	R134a	950	Dens Oil 8	PAO 68 or PAG ISO 46	155
Senator	1988-93	R12	1100	90001810	PAO 68	240
Tigra	1995-03	R134a	900	Dens Oil 8	PAO 68 or PAG ISO 46	295
Tigra B engine: Z14XEP/Z18XE	2004-08	R134a	650	90510419	PAO 68 or PAG ISO 46	150
engine: Z13DT	2004-08	R134a	560	90510419	PAO 68 or PAG ISO 46	120








						
Opel - Vauxhall						
Tigra B engine: Z14XEP/Z18XE	2004-08	R134a	650	90510419	PAO 68 or PAG ISO 46	150
Calibra	1990-93	R12	1100	90001810	PAO 68	240
Calibra (7")	1993-97	R134a	750	90443840	PAO 68 or PAG ISO 150	295
Calibra (8")	1994-97	R134a	1000	90443840	PAO 68 or PAG ISO 150	295
Zafira (F75) up model year 2001	1998-01	R134a	700	90509933	PAO 68 or PAG ISO 46	120
with rear AC	1998-01	R134a	950	90509933	PAO 68 or PAG ISO 46	240
Zafira (F75) from model year 2002	2002-05	R134a	600	90509933	PAO 68 or PAG ISO 46	120
with rear AC		R134a	725	90509933	PAO 68 or PAG ISO 46	240
Zafira (F75) from model year 2002 engine: Z20LET	2002-05	R134a	700	90509933	PAO 68 or PAG ISO 46	120
with rear AC		R134a	800	90509933	PAO 68 or PAG ISO 46	240
Zafira B engine: model year:	2006-					
Z16XEP/Z18XER/Z22YH	2006-	R134a	450	SP10	PAO 68 or PAG ISO 46	120
Z19DT/Z19DTL/Z19DTH	2006-	R134a	450	SP10	PAO 68 or PAG ISO 46	135
Z20LER/Z20LEH	2006-	R134a	450	SP10	PAO 68 or PAG ISO 46	150
Sintra	1996-99	R134a	910	90443840	PAO 68 or PAG ISO 150	265
Frontera A	1991-02.95	R134a	800	PAG	PAO 68	200
Frontera A	03.95-08.96	R134a	750	PAG	PAO 68	200
Frontera A diesel	03.95-08.96	R134a	700	PAG	PAO 68	200
Frontera A	09.96-09.98	R134a	650	PAG	PAO 68	200
Frontera B	10.98-03	R134a	650	PAG	PAO 68	270
Monterey	1993	R12	850	90001810	PAO 68	270
Monterey	1994-98	R134a	750	90510394	PAO 68 or PAG ISO 100	270
Monterey diesel	1994-98	R134a	750	90510395	PAO 68 or PAG ISO 46	270








						
Opel - Vauxhall						
Monterey 3,0D Turbo/3,5i	1998-01	R134a	750	PAG	PAO 68	150
Campo-Brava diesel	1994-03	R134a	750	PAG	PAO 68 or PAG ISO 46	260
Movano 2,5D/2,8D turbo	1998-03	R134a	800-900	SP 20	PAO 68 or PAG ISO 100	135
Movano 1,9D DTI/2,2D DTI/2,5D DTI	2000-03	R134a	820-880	PAG	PAO 68	0
Movano diesel (except for Sanden compressor)	2003-06	R134a	820-880	Planetelf 488	PAO 68 or PAG ISO 150	220
7-seat, with rear AC	2003-06	R134a	1300	Planetelf 488	PAO 68 or PAG ISO 150	220
16-seat, with rear AC	2003-06	R134a	1400	Planetelf 488	PAO 68 or PAG ISO 150	220
Movano diesel Sanden compressor, without rear AC	2003-06	R134a	820-880	SP10	PAO 68 or PAG ISO 46	135
Vivaro 1,9DDi/1,9DDTi/2,0i/2,5DCDTi/2,0 DCTi	2001-08	R134a	700-750	Planet 488	PAO 68 or PAG ISO 150	220
with rear AC	2007-	R134a	1050	PAG	PAO 68	220
Peugeot						
106 1,0/1,1/1,4/diesel	1991-93	R12	850-900	Rima 100	PAO 68	100
106 1,1i/1,3i/1,4i	1991-93	R12	950-1000	Rima 100	PAO 68	115
106 - Sanden compressor SD7H13/15	1994-04.96	R134a	850-900	SP20	PAO 68 or PAG ISO 100	135
Sanden compressor SD7V12/16	1994-04.96	R134a	850-900	SP10	PAO 68 or PAG ISO 46	135
106 II	05.96-03	R134a	815-835	SP10	PAO 68 or PAG ISO 46	120-150
106 II diesel/1,6 GTI	05.96-03	R134a	750	SP10	PAO 68 or PAG ISO 46	120-150
107 1,4 HDi	2005-09	R134a	480-520	ZXL200PG	PAO 68 or PAG ISO 100	80
107 engine: 1,0i	2005-09	R134a	450	ZXL200PG	PAO 68 or PAG ISO 100	80
205	1986-93	R12	900	Suniso 5GS	PAO 68	175
205	1993-98	R134a	675	SP20	PAO 68 or PAG ISO 100	120-150
206	1998-07	R134a	680-720	SP10	PAO 68 or PAG ISO 46	120-150








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Peugeot						
206 2,0i/1,6D HDi	04.99-07	R134a	650	PAG	PAO 68 or PAG ISO 46	120-150
206 CC 1,6i	2000-07	R134a	680-720	SP10	PAO 68 or PAG ISO 46	120-150
206 CC 2,0i/1,6D HDi	2000-07	R134a	630-670	SP10	PAO 68 or PAG ISO 46	120-150
207 1,4i/1,6i/1,4D HDi/1,6D HDi	2006-08	R134a	450	SP10	PAO 68 or PAG ISO 46	135
305	1985-90	R12	780-820	Suniso 5GS	PAO 68	170
307 1,4i/1,6i/2,0i/1,4HDi/2,0HDi up Orga no. 10080 (i)	2001-06.04	R134a	585	SP10	PAO 68 or PAG ISO 46	135
307 1,4i/1,6i/2,0i/1,4HDi/2,0HDi from Orga no. 10080 (i)	06.04-	R134a	450	SP10	PAO 68 or PAG ISO 46	135
307 1,6HDi up Orga Nr.10218 (i)	2004-11.04	R134a	585	SP10	PAO 68 or PAG ISO 46	135
307 1,6HDi from Orga Nr.10218 (i)	11.04-	R134a	450	SP10	PAO 68 or PAG ISO 46	135
307 1,4i16V	2004-	R134a	450	SP10	PAO 68 or PAG ISO 46	135
306 Sanden compressor SD7H	1993-97	R134a	875-925	SP20	PAO 68 or PAG ISO 100	120-150
306 Sanden compressor SD7V	1993-97	R134a	875-925	SP10	PAO 68 or PAG ISO 46	120-150
306	1997-03	R134a	700-750	SP10	PAO 68 or PAG ISO 46	120-150
308 1,4VTi/1,6VTi/1,6THP	2007-	R134a	450	Dens Oil 8	PAO 68 or PAG ISO 46	80
308 1,6HDi/2,0HDi	2007-	R134a	450	Dens Oil 8	PAO 68 or PAG ISO 46	135
309	1986-93	R12	900	Suniso 5GS	PAO 68	175
405	1987-93	R12	1075-1125	Rima 100	PAO 68	135
405 II Sanden compressor SD7H13/15	1993-97	R134a	675	SP20	PAO 68 or PAG ISO 100	120-150
Sanden compressor SD7V12/16	1993-97	R134a	675	SP10	PAO 68 or PAG ISO 46	120-150
406 - Delphi compressor	1995-99	R134a	750	Planetelf PAG 488	PAO 68 or PAG ISO 150	250-280
Sanden compressor	1995-99	R134a	780-820	SP10	PAO 68 or PAG ISO 46	120-150
406 V6	1997-99	R134a	750	SP10	PAO 68 or PAG ISO 46	120-150
406 1,6/1,8/2,0 - enginecode XU	1999-04	R134a	775	SP10	PAO 68 or PAG ISO 46	120-150








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Peugeot						
406 2,0 - enginecode EW10	1999-04	R134a	620	SP10	PAO 68 or PAG ISO 46	120-150
406 3,0i	1999-04	R134a	750	SP10	PAO 68 or PAG ISO 46	120-150
406 2,2 HDI	1999-04	R134a	620	UCON RL 488	PAO 68 or PAG ISO 150	250-280
407	2004-08	R134a	600-650	SP10	PAO 68 or PAG ISO 46	135
407 engine: 4HT (2,2HDI) / UHZ (2,7HDI)	2004-08	R134a	525	SP10	PAO 68 or PAG ISO 46	135
605 2,5D Turbo	1995-09.99	R134a	850	SP10	PAO 68 or PAG ISO 46	120-150
607	2000-05	R134a	625	PAG	PAO 68 or PAG ISO 46	120-150
607 (Facelift)	2005-	R134a	525-575	SP10	PAO 68 or PAG ISO 46	135
607 (Facelift) 2,7HDI (DT17)	2005-	R134a	575-625	SP10	PAO 68 or PAG ISO 46	135
806	06.94-07.02	R134a	940-980	SP10	PAO 68 or PAG ISO 46	120-150
807	2002-07	R134a	580-620	SP10	PAO 68 or PAG ISO 46	135
1007	2005-	R134a	580-620	SP10	PAO 68 or PAG ISO 46	135
4007	2007-	R134a	500	PAG	PAO 68	90
Partner 1,1/1,4/1,6 carburettor	1996-00	R134a	850-900	SP20	PAO 68 or PAG ISO 100	135
Partner 1,1i/1,4i/1,6i	1996-05	R134a	850-900	SP10	PAO 68 or PAG ISO 46	135
Partner 1,8i/1,8D/1,9D (XUD)/2,0HDI	1996-05	R134a	700-750	SP10	PAO 68 or PAG ISO 46	135
Partner 1,9D (DW8)	1996-05	R134a	750-800	SP10	PAO 68 or PAG ISO 46	135
Partner Facelift	2005-08	R134a	550-600	SP10	PAO 68 or PAG ISO 46	135
Expert	1995-07	R134a	940-980	SP10	PAO 68 or PAG ISO 46	120-150
Expert 2,0i/1,6HDI/2,0HDI	05.2007-	R134a	675	SP10	PAO 68 or PAG ISO 46	135
with rear AC, short wheelbase	05.2007-	R134a	950	SP10	PAO 68 or PAG ISO 46	160
with rear AC, long wheelbase	05.2007-	R134a	1075	SP10	PAO 68 or PAG ISO 46	160
505	1984-91	R12	1000	Rima 3	PAO 68	175








						
Peugeot						
505 diesel	1984-91	R12	900	Rima 3	PAO 68	135
605	1989-93	R12	1100	Rima 100	PAO 68	135
605 - Sanden compressor SD7H13/15	1994-99	R134a	885	SP20	PAO 68 or PAG ISO 100	120-150
Sanden compressor SD7V12/16	1994-99	R134a	885	SP10	PAO 68 or PAG ISO 46	120-150
605 V6 - enginecode ESJ	1997-09.99	R134a	875	SP10	PAO 68 or PAG ISO 46	120-150
Boxer	94-09.96	R134a	950-1050	SP20	PAO 68 or PAG ISO 100	135
with rear AC	94-09.96	R134a	1150-1250	SP20	PAO 68 or PAG ISO 100	135
Boxer	10.96-03.02	R134a	750-850	SP20	PAO 68 or PAG ISO 100	135
with rear AC	10.96-03.02	R134a	950-1050	SP20	PAO 68 or PAG ISO 100	135
Boxer II (244)	04.02-2006	R134a	750-850	SP20	PAO 68 or PAG ISO 100	135
Boxer III 2,2HDI/3,0HDI	04.2006-	R134a	550	SP10	PAO 68 or PAG ISO 46	200
with rear AC	04.2006-	R134a	950	SP10	PAO 68 or PAG ISO 46	220
Porsche						
911	1984-93	R12	1350	Suniso 5GS	PAO 68	100-140
911 (993)	1993-08.97	R134a	840	Dens Oil 8	PAO 68 or PAG ISO 46	80-120
911 (996)	1998-07	R134a	900	PAG 46	PAO 68 or PAG ISO 46	180-210
944	1985-92	R12	950	Dens Oil 6	PAO 68	60-100
968	1992	R12	950	Dens Oil 6	PAO 68	60-100
968	1993-96	R134a	860	PAG	PAO 68	100-140
928	1990-93	R12	950	Dens Oil 6	PAO 68	260-300
with rear AC	1990-93	R12	1150	Dens Oil 6	PAO 68	260-300
Boxster (986)	1996-11.04	R134a	850	PAG 46	PAO 68 or PAG ISO 46	180-210
Carrera GT 5,7	2003-07	R134a	600	PAG 46	PAO 68 or PAG ISO 46	140

						
Porsche						
Cayenne (955) 3,2/S4,5/Turbo4,5	2002-07	R134a	700	PAG 46	PAO 68 or PAG ISO 46	190-210
with rear AC	2002-07	R134a	1050	PAG 46	PAO 68 or PAG ISO 46	290-310
Proton						
413	1995-01	R134a	500-600	PAG	PAO 68	0
420	1996-01	R134a	500-600	PAG	PAO 68	0
Impian/Waja 1,6i	2001-06	R134a	575	Dens Oil 8	PAO 68 or PAG ISO 46	120
Renault						
Avantime 2,0i Turbo	2000-04	R134a	855-905	Planetelf PAG488	PAO 68 or PAG ISO 150	220
Avantime 3,0i	2000-04	R134a	855-905	SP10	PAO 68 or PAG ISO 46	135
Twingo 1,2i (C3G)	1993-97	R134a	615-685	SP10	PAO 68 or PAG ISO 46	120-150
Twingo 1,2i (D7F)	1997-05	R134a	710-770	SP10	PAO 68 or PAG ISO 46	120-150
R5	1985-94	R12	750-800	Rima 100	PAO 68	160-190
Clio	1990-94	R12	875-975	Rima 100	PAO 68	120-150
Clio	1994-98	R134a	625-695	SP10	PAO 68 or PAG ISO 46	120-150
Clio II	09.98-05	R134a	630-690	SP10	PAO 68 or PAG ISO 46	135
Clio II 2,0i	1999-04	R134a	680-740	SP10	PAO 68 or PAG ISO 46	135
Clio 3	06.05-09	R134a	505-565	PAG 46	PAO 68 or PAG ISO 46	125-145
R9/11	1983-89	R12	750-800	Rima 100	PAO 68	120-150
R19 1,4/1,9 diesel	1988-94	R12	1050	Rima 100	PAO 68	120-150
R19 1,7	1988-92	R12	850	Rima 100	PAO 68	120-150
R19 1,7	1993-94	R12	1050	Rima 100	PAO 68	120-150








						
Renault						
R19 1,7 Injection	1988-92	R12	850	Rima 100	PAO 68	120-150
R19 1,7 Injection	1993-94	R12	750	Rima 100	PAO 68	120-150
R19 1,8	1992-94	R12	750	Rima 100	PAO 68	120-150
R19 1,8 16V/1,9 D Turbo	1989-94	R12	850	Rima 100	PAO 68	120-150
R19	1994-96	R134a	800	SP10	PAO 68 or PAG ISO 46	120-150
Mégane - Delphi compressor	1995-99	R134a	720-780	Planetelf PAG 488	PAO 68 or PAG ISO 150	205-235
Sanden compressor	1995-99	R134a	725-775	SP10	PAO 68 or PAG ISO 46	135
Mégane 1,4i/1,6i/2.0i	1999-03	R134a	720-780	Planetelf PAG 488	PAO 68 or PAG ISO 150	205-235
Mégane 1,9D/1,9DdTi	1999-03	R134a	720-780	PAG	PAO 68	205-235
Mégane 1,9DdCi	1999-03	R134a	745-815	Planetelf PAG488	PAO 68 or PAG ISO 150	205-235
Mégane II (XMO) 1,4i/1,5DdCi/1,6i/1,9DdCi/2,0i /2,0dCi	2003-08	R134a	550	Planetelf PAG488	PAO 68 or PAG ISO 150	150
Mégane Scenic	09.96-99	R134a	765-835	PAG	PAO 68 or PAG ISO 46	120-150
Modus	2004-09	R134a	510	SP10	PAO 68 or PAG ISO 46	135
Scenic (JA) 1,4i/1,6i	09.99-03	R134a	720-780	Planetelf PAG488	PAO 68 or PAG ISO 150	205-235
Scenic (JA) 2,0i/1,9DdTi/1,9DdCi	09.99-03	R134a	645-715	Planetelf PAG488	PAO 68 or PAG ISO 150	205-235
Scenic II (JMO) 1,4i/1,5DdCi/1,6i/1,9DdCi	2003-07	R134a	550	Planetelf PAG488	PAO 68 or PAG ISO 150	150
R21	1986-94	R12	900-1000	Rima 100	PAO 68	120-150
R21	1994-95	R134a	715-785	SP20	PAO 68 or PAG ISO 100	120-150
Laguna	1994-00	R134a	670-730	SP10	PAO 68 or PAG ISO 46	120-150
Laguna 2,0 - enginecode F3P 670/674	1994-00	R134a	750-810	SP10	PAO 68 or PAG ISO 46	120-150
Laguna 2,0 16V - enginecode N7Q	1996-99	R134a	775-825	SP20	PAO 68 or PAG ISO 100	135
Laguna 2,0 16V - enginecode F4R	1999-03	R134a	625-695	SP10	PAO 68 or PAG ISO 46	120-150
Laguna 2,2 D/3,0 V6	1994-00	R134a	750-810	SP10	PAO 68 or PAG ISO 46	135
Laguna 2,2 D Turbo/1,9DdTi	1996-01	R134a	670-730	SP10	PAO 68 or PAG ISO 46	120-150







						
Renault						
Laguna II (XGO) 1,6i/1,8i/1,9DdCi/2,2DdCi	2001-05	R134a	625-675	Planetelf PAG488	PAO 68 or PAG ISO 150	240-260
Laguna II (XGO) 2,0i/2,0 IDE	2001-05	R134a	670-730	Planetelf PAG488	PAO 68 or PAG ISO 150	240-260
Laguna II (XGO) 3,0i	2001-05	R134a	625-675	SP10	PAO 68 or PAG ISO 46	120-150
Laguna II	2005-08	R134a	650	Planetelf 488	PAO 68 or PAG ISO 150	220
Laguna II engine: G9T706+G9T707 (2,2dCi)	2005-09	R134a	650	Planetelf 488	PAO 68 or PAG ISO 150	250
Laguna II engine: L7X733 (3,0i)	2005-09	R134a	650	SP10	PAO 68 or PAG ISO 46	135
Laguna III (BT/01)	10.2007-	R134a	650	SP10	PAO 68 or PAG ISO 46	150
R25 - Sanden compressor SD 709	1984-93	R12	900-1000	Rima 100	PAO 68	120-150
Sanden compressor SD508/510	1984-93	R12	1000-1100	Rima 100	PAO 68	120-150
Safrane	1992-94	R12	1025-1125	Rima 100	PAO 68	120-150
Safrane	1995-00	R134a	815-885	SP10	PAO 68 or PAG ISO 46	120-150
Safrane 2,0 16V/2,5 20V/2,2 D Turbo	1996-12.00	R134a	750-810	SP10	PAO 68 or PAG ISO 46	120-150
Alpine	1986-92	R12	900-950	Rima 100	PAO 68	120-150
Alpine	1992-94	R12	1075-1175	Rima 100	PAO 68	120-150
Espace I	1991-94	R12	1300-1500	Rima 100	PAO 68	120-150
Espace II	1994-97	R134a	1225-1275	SP20	PAO 68 or PAG ISO 100	120-150
Espace III	12.96-02	R134a	850-910	SP20	PAO 68 or PAG ISO 100	120-150
Espace V6 24V	1998-02	R134a	865-915	SP10	PAO 68 or PAG ISO 46	135
Espace 1,9 D Turbo	1999-02	R134a	700-740	SP10	PAO 68 or PAG ISO 46	120-150
Espace 2,2 D Turbo	1996-00	R134a	770-830	SP20	PAO 68 or PAG ISO 100	120-150
Espace IV (JKO) 1,9DdCi/2,0i/2,0i Turbo	2002-08	R134a	965-1035	SP10	PAO 68 or PAG ISO 46	190-210
Espace IV (JKO) 2,2DdCi/3,0DdCi/3,5i	2002-08	R134a	965-1035	SP10	PAO 68 or PAG ISO 46	210-230
Extra/Express/Rapid	1986-92	R12	750-800	Rima 100	PAO 68	160-190








						
Renault						
Extra/Express/Rapid	1992-94	R12	800-850	Rima 100	PAO 68	160-190
Extra/Express/Rapid	1994-03.98	R134a	645-715	SP10	PAO 68 or PAG ISO 46	120-150
Kangoo	1998-08	R134a	615-685	SP10	PAO 68 or PAG ISO 46	120-150
Master II 2,5D/2,8DTi	1998-03	R134a	820-880	SP20	PAO 68 or PAG ISO 100	135
Master II 1,9DTi/1,9DdCi/2,2DdCi/2,5DdCi	2000-06	R134a	820-880	Planetelf PAG488	PAO 68 or PAG ISO 150	220
Trafic 1,9DdCi (F9Q760)	2001-08	R134a	700-725	Planetelf PAG488	PAO 68 or PAG ISO 150	220-235
Trafic 1,9DdCi (F9Q762)/2,0i/2,5DdCi	2001-06	R134a	720-780	Planetelf PAG488	PAO 68 or PAG ISO 150	220-235
Vel Satis 2,0iTurbo/3,5i	2000-08	R134a	615-685	Planetelf PAG488	PAO 68 or PAG ISO 150	250
Vel Satis 2,2DdCi/3,0 DdCi	2000-08	R134a	615-685	Planetelf PAG488	PAO 68 or PAG ISO 150	265
Rover						
213/216	1984-89	R12	1300	BP LPT68	PAO 68	140
200 Series	1989-94	R12	1417	Dens Oil 6	PAO 68	115-130
200 Series	1994-95	R134a	710	SP10	PAO 68 or PAG ISO 46	120-135
216/218 Coupé/Cabrio right-hand drive	1996-99	R134a	535-585	SP10	PAO 68 or PAG ISO 46	135
216/218 Coupé/Cabrio left-hand drive	1996-99	R134a	612-665	SP10	PAO 68 or PAG ISO 46	135
200 Series right-hand drive	1995-99	R134a	535-585	SP10	PAO 68 or PAG ISO 46	135
200 Series left-hand drive	1995-99	R134a	612-665	SP10	PAO 68 or PAG ISO 46	135
25 right-hand drive	1999-05	R134a	540-580	SP10	PAO 68 or PAG ISO 46	135
25 left-hand drive	1999-05	R134a	620-660	SP10	PAO 68 or PAG ISO 46	135
400 Series	1989-94	R12	1417	Dens Oil 6	PAO 68	115-130
400 Series	1994-95	R134a	710	SP10	PAO 68 or PAG ISO 46	120-135
416 Tourer right-hand drive	1996-99	R134a	535-585	SP10	PAO 68 or PAG ISO 46	135





						
Rover						
416 Tourer left-hand drive	1996-99	R134a	612-665	SP10	PAO 68 or PAG ISO 46	135
400 Series right-hand drive	1995-99	R134a	535-585	SP10	PAO 68 or PAG ISO 46	135
400 Series left-hand drive	1995-99	R134a	612-665	SP10	PAO 68 or PAG ISO 46	135
45 right-hand drive	1999-05	R134a	535-585	SP10	PAO 68 or PAG ISO 46	135
45 left-hand drive	1999-05	R134a	615-665	SP10	PAO 68 or PAG ISO 46	135
600 Series	1993-99	R134a	700-750	Dens Oil 8	PAO 68 or PAG ISO 46	160
75	1999-05	R134a	400-500	Dens Oil 8	PAO 68 or PAG ISO 46	110-130
800 Series	1986-91	R12	1020	Suniso 5GS	PAO 68	153
820	1991-94	R12	1020	DS-83P	PAO 68	177
820	1994-99	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	155
825	1996-99	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	80-120
827	1991-94	R12	1020	Dens Oil 6	PAO 68	153
827	1994-96	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	100
825 2,5 D Turbo	1992-94	R12	1020	DS-83P	PAO 68	177
825 2,5 D Turbo	1994-96	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	155
825 2,5 D Turbo	1996-99	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	80-120
MGF	1995-02	R134a	620	SK20	PAO 68 or PAG ISO 100	170
Streetwise left-hand drive	2003-05	R134a	620-660	SP10	PAO 68 or PAG ISO 46	135
Streetwise right-hand drive	2003-05	R134a	540-580	SP10	PAO 68 or PAG ISO 46	135







						
Saab						
90/900 - Sankyo/Seiko compressor	1984-93	R12	950-1000	Suniso 5GS	PAO 68	170-175
Clarion compressor	1984-93	R12	1050	Suniso 5GS	PAO 68	120
900 Seiko Seiki compressor	1993-96	R134a	725	16 4074 787	PAO 68 or PAG ISO 100	200
900 Sanden compressor	1997-98	R134a	725	SP10	PAO 68 or PAG ISO 46	150
9-3 petrol (YS3D)	1998-03	R134a	800	16 4759 106	PAO 68 or PAG ISO 46	150
9-3 diesel (YS3D)	1998-03	R134a	800	16 4774 787	PAO 68 or PAG ISO 100	295
9-3 (YD3F) 2,0i/2,2D/2,2TiD/1,8i/1,9TiD/2,8t/1,9D	2003-08	R134a	650-680	16 4759 106	PAO 68 or PAG ISO 46	120-130
9000	1987-93	R12	1100	Suniso 5GS	PAO 68	135
with rear AC	1987-93	R12	1350	Suniso 5GS	PAO 68	135
9000 Seiko Seiki compressor	1992-98	R134a	950	16 4074 787	PAO 68 or PAG ISO 100	200
9000 Sanden compressor	1992-98	R134a	950	16 4759 106	PAO 68 or PAG ISO 46	200
9-5	1997-08	R134a	875	Dens Oil 8	PAO 68 or PAG ISO 46	145
9-5 1,9D TiD	2005-08	R134a	825	16 4759 106	PAO 68 or PAG ISO 46	120
9-5 2,0i/2,3i BioPower/2,0i Turbo +/2,3 Aero	2005	R134a	825	PAG	PAO 68 or PAG ISO 46	145








						
Seat						
Arosa Sanden compressor SD7B	1997-00	R134a	700-750	PAG	PAO 68 or PAG ISO 46	100
Arosa compressor: Sanden SD6V	2000-05	R134a	700-750	PAG	PAO 68 or PAG ISO 46	120
Alhambra	10.95-00	R134a	950-1000	PAG	PAO 68 or PAG ISO 46	135
with rear AC	1996-00	R134a	1350-1400	PAG	PAO 68 or PAG ISO 46	240
Alhambra	06.00-08	R134a	700-750	PAG	PAO 68 or PAG ISO 46	135
with rear AC	06.00-08	R134a	1050-1100	PAG	PAO 68 or PAG ISO 46	240
Altea Denso compressor 7SEU17C	2004-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	130-150
Altea Sanden compressor	2004-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	100-120
Altea Zexel compressor	2004-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	105-135
Altea Denso compressor 7SEU16C	2004-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	180
Ibiza/Malaga	1985-93	R12	1025-1075	Dens Oil 6	PAO 68	120-140
Ibiza II/Cordoba right-hand drive	1993-99	R134a	900-930	PAG	PAO 68 or PAG ISO 46	115-130
Ibiza II/Cordoba left-hand drive	1993-99	R134a	850-880	PAG	PAO 68 or PAG ISO 46	115-130
Ibiza III/Cordoba right-hand drive	1999-02	R134a	775	PAG	PAO 68 or PAG ISO 46	135
Ibiza III/Cordoba left-hand drive	1999-02	R134a	775	PAG	PAO 68 or PAG ISO 46	135
Ibiza IV/Cordoba (6L2)	2002-08	R134a	525-575	PAG	PAO 68 or PAG ISO 46	140
Inca right-hand drive	1995-03	R134a	885-940	PAG	PAO 68 or PAG ISO 46	110-130
Inca left-hand drive	1995-03	R134a	840-890	PAG	PAO 68 or PAG ISO 46	110-130
Leon	1999-05	R134a	750-800	PAG	PAO 68 or PAG ISO 46	120-150
Leon II Denso 7SEU17C compressor	2005-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	130-150
Leon II Sanden PXE16 compressor	2005-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	100-120
Leon II Zexel DSC17E compressor	2005-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	105-135
Leon II Denso compressor 7SEU16C	2004-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	180








						
Seat						
Toledo I	1991-93	R12	920-980	Dens Oil 6	PAO 68	135-150
Toledo I right-hand drive	1993-99	R134a	870-930	PAG	PAO 68 or PAG ISO 46	110-130
Toledo I left-hand drive	1993-99	R134a	820-880	PAG	PAO 68 or PAG ISO 46	110-130
Toledo II	1999-05	R134a	750-800	PAG	PAO 68 or PAG ISO 46	120-150
Toledo III (5P2) Denso compressor	10.04-	R134a	525	G052 154 A2	PAO 68 or PAG ISO 46	140
Toledo III (5P2) Sanden compressor	10.04-	R134a	525	G052 154 A2	PAO 68 or PAG ISO 46	110
Toledo III (5P2) Zexel compressor	10.04-	R134a	525	G052 154 A2	PAO 68 or PAG ISO 46	120
Skoda						
Fabia	2000-07	R134a	525-575	G052 300 A2	PAO 68 or PAG ISO 46	130-150
Fabia II	2007-	R134a	550	G052 300 A2	PAO 68 or PAG ISO 46	140
Felicia 1,3	1996-01	R134a	750-780	SP20	PAO 68 or PAG ISO 100	135
Felicia 1,6	1996-01	R134a	720-750	SP10	PAO 68 or PAG ISO 46	100
Octavia (1U)	1996-05	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	120-150
Octavia II (1Z) Denso compressor 7SEU17C	06.04-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	130-150
Octavia II (1Z) Sanden compressor	06.04-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	100-120
Octavia II (1Z) Zexel compressor	06.04-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	105-135
Octavia II (1Z) Denso compressor 7SEU16C	06.04-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	180
Roomster	2006-	R134a	525-575	G052 300 A2	PAO 68 or PAG ISO 46	140
Superb	2002-08	R134a	575-625	G052 300 A2	PAO 68 or PAG ISO 46	250








						
Smart (MCC)						
Cabrio, City Coupe, Roadster, Crossblade (450)	1998-03	R134a	620	A001 989 0803	PAO 68 or PAG ISO 46	180
Cabrio, City, Fortwo (450)	2003-07	R134a	450	A001 989 0803	PAO 68 or PAG ISO 46	180
Roadster, Coupe (452)	2003-06	R134a	650	A001 989 0803	PAO 68 or PAG ISO 46	180
Forfour (454)	2004-06	R134a	440	A001 989 0803	PAO 68 or PAG ISO 46	100
Ssangyong						
Korando	1997-99	R134a	650-750	ZXL 200 PG	PAO 68 or PAG ISO 100	200
Kyron	2005-08	R134a	600-700	PAG	PAO 68	265
Kyron	2005-08	R134a	600-700	PAG	PAO 68	265
Musso	1996-99	R134a	650-750	ZXL 200 PG	PAO 68 or PAG ISO 100	200
Musso (FJ)	1999-06	R134a	650-750	PAG	PAO 68	0
Rexton	2002-08	R134a	800-900	PAG	PAO 68 or PAG ISO 150	265
with rear AC	2002-08	R134a	1150-1250	PAG	PAO 68 or PAG ISO 150	265
Subaru						
Justy (G3X) 1,3i/1,5i	09.03-.2008	R134a	430	PAG	PAO 68	90
Impreza	1993	R12	650-750	DH-150CX	PAO 68	0
Impreza left-hand drive	1994-11.00	R134a	550-650	DH-PR	PAO 68 or PAG ISO 100	145
Impreza right-hand drive	1994-00	R134a	550-650	PAG	PAO 68 or PAG ISO 100	245








						
Subaru						
Impreza left-hand drive 1,6i/2,0i/2,0i Turbo/1,5i/2,5i	2001-07	R134a	450-550	ZXL 200PG	PAO 68 or PAG ISO 100	0
Impreza right-hand drive 1,6i/2,0i/2,0i Turbo/1,5i/2,5i	2001-07	R134a	450-550	Dens Oil 9	PAO 68 or PAG ISO 100	0
Legacy	1994-95	R134a	600-700	ZXL 100 PG	PAO 68 or PAG ISO 46	150
Legacy left-hand drive	1.96-12.96	R134a	600-700	PAG	PAO 68 or PAG ISO 100	0
Legacy left-hand drive	1.97-1999	R134a	550-650	PAG	PAO 68 or PAG ISO 100	0
Legacy left-hand drive	2000 →	R134a	600-700	PAG	PAO 68 or PAG ISO 100	0
Legacy right-hand drive	1.96-12.96	R134a	700-800	PAG	PAO 68 or PAG ISO 100	0
Legacy right-hand drive	1.97-1999	R134a	775-825	PAG	PAO 68 or PAG ISO 100	0
Legacy right-hand drive	2000 →	R134a	625-675	PAG	PAO 68 or PAG ISO 100	0
Forester (SF) right-hand drive	1997-03	R134a	650-750	ZXL 200 PG	PAO 68 or PAG ISO 100	245
Forester (SF) left-hand drive	1997-03	R134a	550-650	DH-PR	PAO 68 or PAG ISO 46	145
Forester (SG) 2,0i/2,0i Turbo/2,5i	2003-06	R134a	550-650	ZXL 200 PG	PAO 68 or PAG ISO 100	145
SVX	1992-93	R12	600-700	D-90PX	PAO 68	150
SVX	1994-97	R134a	650	ZXL 100 PG	PAO 68 or PAG ISO 46	150
Tribeca (B9)	2005-08	R134a	600	PAG	PAO 68	0
Suzuki						
Alto	1997-02	R134a	500-600	PAG	PAO 68	0
Alto	06.02-	R134a	400	ND8	PAO 68 or PAG ISO 46	0
Swift	1985-92	R12	700	Suniso 5GS	PAO 68	60-100
Swift	1993 →	R134a	700	PAG	PAO 68	0








						
Suzuki						
Baleno	1995-03	R134a	600	PAG	PAO 68	150
Cappuccino	1993-96	R134a	700	PAG	PAO 68	150
Ignis	2000-03	R134a	330-390	PAG	PAO 68	0
Ignis II 1,3i/1,5i	09.03-	R134a	430	PAG	PAO 68	90
Ignis II 1,3D DDiS	09.03-	R134a	480	SP10	PAO 68 or PAG ISO 46	100
Liana	2001-08	R134a	470-530	PAG	PAO 68	0
Wagon R (EM)	1997-00	R134a	500-600	PAG	PAO 68	0
Wagon R (MM) 1,0i/1,2i/1,3D DDiS	05.00-	R134a	480	SP10	PAO 68 or PAG ISO 46	0
Wagon R (MM) 1,3i	2000-06	R134a	450-500	PAG	PAO 68	0
Jimny	1998-03	R134a	500-600	PAG	PAO 68	0
Grand Vitara	1998-00	R134a	500-600	PAG	PAO 68	0
Grand Vitara 1,6i/2,0i/2,5i/2,0 D Turbo Seiko compressor	2000-05	R134a	390-490	RS 20	PAO 68	120
Denso compressor	2000-05	R134a	390-490	Dens Oil 8	PAO 68 or PAG ISO 46	0
Grand Vitara 2,7 V6	2001-05	R134a	450-550	Dens Oil 8	PAO 68 or PAG ISO 46	100
Grand Vitara 1,6i	10.05-	R134a	570	PAG	PAO 68	120
Grand Vitara 1,9D DDiS/2,0i	10.05-	R134a	570	PAG	PAO 68	160
Super Carry 1,3i	1999-06	R134a	500-560	PAG	PAO 68	0








						
Tata						
Safari 1,9D	1999-07	R134a	1150	Dens Oil 8	PAO 68 or PAG ISO 46	220
Toyota						
Yaris 1,1i/1,3i/1,5i	1999-2002	R134a	400-460	Dens Oil 8	PAO 68 or PAG ISO 46	0
Yaris 1,1i/1,3i/1,5i	2002-06	R134a	380-440	ND8	PAO 68 or PAG ISO 46	0
Yaris 1,4D	2002-06	R134a	410-470	ND8	PAO 68 or PAG ISO 46	0
Yaris 1,0i/1,3i/1,4D	2006-	R134a	370	Dens Oil 8	PAO 68 or PAG ISO 46	0
Auris	2007-	R134a	450	Dens Oil 8	PAO 68 or PAG ISO 46	0
Starlet	1985-93	R12	650-750	Dens Oil 7	PAO 68	0
Starlet	1994-96	R134a	650	Dens Oil 8	PAO 68 or PAG ISO 46	0
Starlet	1996-99	R134a	550-650	Dens Oil 8	PAO 68 or PAG ISO 46	0
Corolla	1987-92	R12	600-750	Dens Oil 6	PAO 68	0
Corolla/Tercel 4-wheel drive	1988-92	R12	600-700	Dens Oil 6	PAO 68	0
Corolla	1993-94	R12	700-800	Dens Oil 7	PAO 68	0
Corolla	1994-97	R134a	650-750	Dens Oil 9	PAO 68 or PAG ISO 100	0
Corolla	1997-00	R134a	600-700	Dens Oil 9	PAO 68 or PAG ISO 100	0
Corolla 1,9D - made in Japan	2000-02	R134a	600-700	Dens Oil 9	PAO 68 or PAG ISO 100	0
Corolla 1,9D - made in Great Britain	2000-02	R134a	450-490	Dens Oil 9	PAO 68 or PAG ISO 100	0
Corolla (E12U)	2002-08	R134a	425-475	ND Oil 8	PAO 68 or PAG ISO 46	0
Carina	1988-93	R12	650-750	Dens Oil 6	PAO 68	0
Carina E	1992-98	R134a	700-800	Dens Oil 8	PAO 68 or PAG ISO 46	0
Avensis (T22)	1998-03	R134a	410-470	Dens Oil 8	PAO 68 or PAG ISO 46	0








						
Toyota						
Avenis (T25)	2003-08	R134a	410-470	ND Oil 8	PAO 68 or PAG ISO 46	0
Avenis Verso	2001-06	R134a	470-530	ND Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	2001-2006	R134a	770-830	ND Oil 8	PAO 68 or PAG ISO 46	0
Aygo	2005-09	R134a	500	ZXL200PG	PAO 68 or PAG ISO 100	80
Camry	1986-91	R12	600-750	Dens Oil 6	PAO 68	0
Camry	1991-93	R12	900-1000	Dens Oil 6	PAO 68	0
Camry	1994-96	R134a	850	Dens Oil 8	PAO 68 or PAG ISO 46	0
Camry (V20)	1996-01	R134a	750-850	Dens Oil 8	PAO 68 or PAG ISO 46	0
Camry (V30)	11.01-05	R134a	520-580	ND Oil 8	PAO 68 or PAG ISO 46	0
Paseo	1996-99	R134a	550-650	Dens Oil 9	PAO 68 or PAG ISO 100	0
MR2	1985-90	R12	750-850	Dens Oil 6	PAO 68	0
MR2	1990-10.93	R12	800-900	Dens Oil 6	PAO 68	0
MR2 (W2)	11.93-00	R134a	800-900	Dens Oil 8	PAO 68 or PAG ISO 46	0
MR2 (W3)	2000-06	R134a	470-530	ND Oil 8	PAO 68 or PAG ISO 46	0
Celica	1986-89	R12	750-850	Dens Oil 6	PAO 68	0
Celica	1990-94	R12	700-800	Dens Oil 6	PAO 68	0
Celica (T20)	1994-11.99	R134a	600-700	Dens Oil 8	PAO 68 or PAG ISO 46	0
Celica (ZZT23)	1999-06	R134a	400-460	Dens Oil 8	PAO 68 or PAG ISO 46	120
Supra	1986-93	R12	750-850	Dens Oil 6	PAO 68	0
Supra	1993-97	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	0
Spacecruiser Model-F	1985-90	R12	1350-1450	Dens Oil 6	PAO 68	0
Picnic	1996-00	R134a	700-800	Dens Oil 8	PAO 68 or PAG ISO 46	0
Previa	90-07.93	R12	900-1000	Dens Oil 6	PAO 68	0








						
Toyota						
with rear AC	90-07.93	R12	1400	Dens Oil 6	PAO 68	0
Previa	08.93-06	R134a	850-950	Dens Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	08.93-06	R134a	1100-1200	Dens Oil 8	PAO 68 or PAG ISO 46	0
Previa	08.00-06	R134a	670-730	PAG	PAO 68 or PAG ISO 46	120
with rear AC	08.00-06	R134a	850-910	PAG	PAO 68 or PAG ISO 46	120
Prius (NHW11)	1999-04	R134a	450-550	PAG	PAO 68 or PAG ISO 46	120
Prius	2004-08	R134a	420-480	ND Oil 8	PAO 68 or PAG ISO 46	0
RAV4	1994-00	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	0
RAV4 (XA2)	06.00-06	R134a	480-540	PAG	PAO 68 or PAG ISO 46	120
RAV 4 III (ACA/ACE)	2006-2009	R134a	400-460	PAG	PAO 68	0
4Runner	1990-93	R12	750-850	Dens Oil 6	PAO 68	0
4Runner right-hand drive	1993-96	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	0
4Runner left-hand drive	1993-96	R134a	700-800	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser 2,4	1985-94	R12	850-950	Dens Oil 6	PAO 68	0
with rear AC	1985-94	R12	1550-1650	Dens Oil 6	PAO 68	0
Landcruiser 3,4	1996-03	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	1996-03	R134a	900-1000	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser 4,5	1995-98	R134a	750	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser Amazon 4,7/4,2 Turbo D	1998-00	R134a	750	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser diesel	1985-90	R12	650-750	Dens Oil 6	PAO 68	0
with rear AC	1985-90	R12	1350-1450	Dens Oil 6	PAO 68	0
Landcruiser diesel	1990-95	R12	850-950	Dens Oil 6	PAO 68	0
with rear AC	1990-95	R12	1550-1650	Dens Oil 6	PAO 68	0








						
Toyota						
Landcruiser 3,0 Turbo D	1993-96	R134a	850-900	Dens Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	1993-96	R134a	1550-1650	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser Colorado/Prado	1997-99	R134a	650-750	Dens Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	1997-99	R134a	900-1000	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser Amazon 4,2 Turbo D	1990-94	R12	850-950	Dens Oil 6	PAO 68	0
with rear AC	1990-94	R12	1300-1400	Dens Oil 6	PAO 68	0
Landcruiser Amazon 4,2 Turbo D	1995-98	R134a	800-900	Dens Oil 8	PAO 68 or PAG ISO 46	0
Landcruiser (J12)	2003-06	R134a	620-680	ND Oil 8	PAO 68 or PAG ISO 46	0
with cool box	2003-06	R134a	720-780	ND Oil 8	PAO 68 or PAG ISO 46	0
with rear AC	2003-06	R134a	770-830	ND Oil 8	PAO 68 or PAG ISO 46	0
with rear AC + with cool box	2003-06	R134a	870-930	ND Oil 8	PAO 68 or PAG ISO 46	0
Hi-Lux	1989-93	R12	700-800	Dens Oil 6	PAO 68	0
Hi-Lux	1993-96	R134a	700-800	Dens Oil 8	PAO 68 or PAG ISO 46	0
Hi-Lux	1997-05	R134a	500-600	Dens Oil 8	PAO 68 or PAG ISO 46	0
Hi-Lux	08.2005-08	R134a	450	Dens Oil 8	PAO 68 or PAG ISO 46	0
Lite-Ace	1985-92	R12	650-750	Dens Oil 6	PAO 68	0
with rear AC	1985-92	R12	1350-1450	Dens Oil 6	PAO 68	0
Lite-Ace	1992-95	R12	600-750	Dens Oil 6	PAO 68	0
with rear AC	1992-95	R12	1250-1350	Dens Oil 6	PAO 68	0
Hi-Ace	1989-95	R12	850	Dens Oil 6	PAO 68	0
with rear AC	1989-95	R12	1400	Dens Oil 6	PAO 68	0
Dyna	1988-94	R12	650-750	Dens Oil 6	PAO 68	0








						
Volkswagen						
Beetle	1998-07	R134a	700-750	G052 154 A2	PAO 68 or PAG ISO 46	120-150
Lupo: Sanden compressor	1998-00	R134a	700-750	G052 154 A2	PAO 68 or PAG ISO 46	105-135
Calsonic compressor	06.99-05	R134a	550-600	PAG	PAO 68 or PAG ISO 46	140-160
Denso compressor	11.00-05	R134a	550-575	PAG	PAO 68 or PAG ISO 46	140
Polo	1994-02	R134a	700-750	G052 154 A2	PAO 68 or PAG ISO 46	100
Polo Classic	1996-02	R134a	850-880	G052 154 A2	PAO 68 or PAG ISO 46	115
Polo Kombi	1997-02	R134a	850-880	G052 154 A2	PAO 68 or PAG ISO 46	120-150
Polo 1,2i/1,2i12V/1,4i/1,4TDI/1,6i/1,9SDI/1,9TDI/1,4FSI	2002-08	R134a	550-575	G052 300 A2	PAO 68 or PAG ISO 46	140
Eos	2006-09	R134a	500-550	PAG	PAO 68	0
Fox Delphi compressor	2005-08	R134a	425-475	G052 154 A2	PAO 68 or PAG ISO 46	150
Golf/Jetta - Sanden compressor SD508	1985-92	R12	1050-1150	Dens Oil 6	PAO 68	175
Sanden compressor SD510	1985-92	R12	1050-1150	Dens Oil 6	PAO 68	240
Sanden compressor SD709	1985-92	R12	1050-1150	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	1985-92	R12	1050-1150	Dens Oil 6	PAO 68	120
York compressor	1985-92	R12	1050-1150	Dens Oil 6	PAO 68	300
Golf Cabriolet - Sanden compressor SD508	1983-93	R12	850-900	Dens Oil 6	PAO 68	175
Sanden compressor SD709	1983-93	R12	850-900	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	1983-93	R12	850-900	Dens Oil 6	PAO 68	120
York compressor	1983-93	R12	850-900	Dens Oil 6	PAO 68	300
Golf/Vento - Sanden compressor SD508	91-06.92	R12	950-1050	Dens Oil 6	PAO 68	175
Sanden compressor SD709	91-06.92	R12	950-1050	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	91-06.92	R12	950-1050	Dens Oil 6	PAO 68	120
York compressor	91-06.92	R12	950-1050	Dens Oil 6	PAO 68	300








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Volkswagen						
Golf III/Vento/Cabrio - Harrison compressor	07.92-09.97	R134a	800-850	PAG	PAO 68 or PAG ISO 150	250
Sanden compressor	06.95-09.97	R134a	800-850	G052 154 A2	PAO 68 or PAG ISO 46	115
Golf IV/Bora	10.97-05	R134a	750-800	G052 154 A2	PAO 68 or PAG ISO 46	120-150
Golf V Denso compressor 7SEU17C	2003-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	130-150
Golf V Sanden compressor	2003-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	100-120
Golf V Zexel compressor	2003-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	105-135
Golf V Denso compressor 7SEU16C	2003-08	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	180
Jetta Sanden PXE16 compressor	2005-08	R134a	500-550	PAG	PAO 68 or PAG ISO 46	110
Passat - Sanden compressor SD508	88-06.92	R12	1200-1250	Dens Oil 6	PAO 68	175
Sanden compressor SD510	88-06.92	R12	1200-1250	Dens Oil 6	PAO 68	240
Sanden compressor SD709	88-06.92	R12	1200-1250	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	88-06.92	R12	1200-1250	Dens Oil 6	PAO 68	120
York compressor	88-06.92	R12	1200-1250	Dens Oil 6	PAO 68	300
Passat	07.92-97	R134a	1150-1200	G052 154 A2	PAO 68 or PAG ISO 46	115
Passat right-hand drive - Denso compressor	1996-10.00	R134a	700-750	G052 300 A2	PAO 68 or PAG ISO 46	250
right-hand drive - Zexel compressor	1996-10.00	R134a	700-750	G052 154/200 A2	PAO 68 or PAG ISO 46	250
Passat left-hand drive - Denso compressor	1996-10.00	R134a	650-700	G052 300 A2	PAO 68 or PAG ISO 46	250
left-hand drive - Zexel compressor	1996-10.00	R134a	650-700	G052 154/200 A2	PAO 68 or PAG ISO 46	250
Passat left/right-hand drive - Denso compressor	10.00-05	R134a	600-625	G052 300 A2	PAG ISO 46 or PAO 68	250
Passat W8 left-hand drive - Denso 7SEU16 compressor	05.01-05	R134a	500-525	G052 300 A2	PAG ISO 46 or PAO 68	190-210
Passat (3C) Sanden PXE16 compressor	2005-09	R134a	575-625	G052 154 A2	PAG ISO 46 or PAO 68	100-120
Zexel DSC17E compressor	2005-09	R134a	575-625	G052 200 A2	PAG ISO 46 or PAO 68	110-130
Phaeton 7SB-16/7SEU16C compressor	2002-08	R134a	575-625	G052 300 A2	PAG ISO 46 or PAO 68	190-210

						
Volkswagen						
Scirocco - Sanden compressor SD508	1983-92	R12	850-900	Dens Oil 6	PAO 68	175
Sanden compressor SD709	1983-92	R12	850-900	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	1983-92	R12	850-900	Dens Oil 6	PAO 68	120
York compressor	1983-92	R12	850-900	Dens Oil 6	PAO 68	300
Passat CC Sanden compressor PXE16	06.2008-	R134a	600	G052 154 A2	PAO 68 or PAG ISO 46	110
Passat CC Zexel compressor DSC17E	06.2008-	R134a	600	G052 200 A2	PAO 68 or PAG ISO 46	120
Passat CC Denso compressor 6SEU14	06.2008-	R134a	600	G052 300 A2	PAO 68 or PAG ISO 46	140
Passat CC Delphi compressor 6CVC140	06.2008-	R134a	600	G052 154 A2	PAO 68 or PAG ISO 46	110
Corrado - Sanden compressor SD508	89-06.92	R12	1100-1150	Dens Oil 6	PAO 68	175
Sanden compressor SD709	89-06.92	R12	1100-1150	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	89-06.92	R12	1100-1150	Dens Oil 6	PAO 68	120
York compressor	89-06.92	R12	1100-1150	Dens Oil 6	PAO 68	300
Corrado	07.92-95	R134a	850-900	G052 154 A2	PAO 68 or PAG ISO 46	115
Sharan	1995-00	R134a	950-1000	G052 154 A2	PAO 68 or PAG ISO 46	135
with rear AC	1995-00	R134a	1350-1400	G052 154 A2	PAO 68 or PAG ISO 46	240
Sharan	04.00-07	R134a	700-750	PAG	PAO 68 or PAG ISO 46	135
with rear AC	04.00-07	R134a	1050-1100	PAG	PAO 68 or PAG ISO 46	240
Caddy - Sanden compressor SD508	1983-92	R12	850-900	Dens Oil 6	PAO 68	175
Sanden compressor SD709	1983-92	R12	850-900	Dens Oil 6	PAO 68	135
Sanden compressor SDV710	1983-92	R12	850-900	Dens Oil 6	PAO 68	120
York compressor	1983-92	R12	850-900	Dens Oil 6	PAO 68	300
Caddy II	1995-03	R134a	850-880	G052 154 A2	PAO 68 or PAG ISO 46	115
Caddy III Denso compressor 7SEU17C	03.04-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	130-150

						
Volkswagen						
Caddy III Sanden compressor	03.04-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	100-120
Caddy III Denso compressor 7SEU16C	03.04-09	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	180
Caddy III Zexel compressor	03.04-09	R134a	500-550	PAG	PAO 68 or PAG ISO 46	105-135
Touran Denso compressor 7SEU17C	2003-09	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	130-150
Touran Sanden compressor	2003-09	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	100-120
Touran Zexel compressor	2003-09	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	105-135
Touran Denso compressor 7SEU16C	2003-09	R134a	500-550	G052 300 A2	PAO 68 or PAG ISO 46	180
Touareg 7SEU16C compressor	2002-07	R134a	650-750	G052 300 A2	PAO 68 or PAG ISO 46	190-210
with rear AC	2002-07	R134a	1000-1100	G052 300 A2	PAO 68 or PAG ISO 46	280-320
Touareg 7SEU17C compressor	2004-08	R134a	650-750	G052 300 A2	PAO 68 or PAG ISO 46	130-150
with rear AC	2004-08	R134a	1000-1000	G052 300 A2	PAO 68 or PAG ISO 46	220-260
Tiguan Denso compressor 7SEU16C	2007-	R134a	660	G052 300 A2	PAO 68 or PAG ISO 46	180
Tiguan Sanden compressor PXE17	2007-	R134a	660	G052 154 A2	PAO 68 or PAG ISO 46	110
Transporter (5*)	1982-90	R12	1300-1350	Dens Oil 6	PAO 68	240
Transporter (6*)	90-04.92	R12	1050-1100	Dens Oil 6	PAO 68	135
Transporter - Sanden compressor SD7H15	05.92-1995	R134a	950-1000	G052 100 A2	PAO 68 or PAG ISO 100	135
with rear AC	05.92-1995	R134a	1350-1400	G052 100 A2	PAO 68 or PAG ISO 100	240
Long wheelbase with rear AC	1993-95	R134a	1400-1450	G052 100 A2	PAO 68 or PAG ISO 100	240
Transporter - Sanden compressor SD7V16	1995-03	R134a	950-1000	G052 154 A2	PAO 68 or PAG ISO 46	135
with rear AC	1995-03	R134a	1350-1400	G052 154 A2	PAO 68 or PAG ISO 46	240
Long wheelbase with rear AC	1995-03	R134a	1400-1450	G052 154 A2	PAO 68 or PAG ISO 46	240
Transporter T5 (7H,7J) Denso 7SEU16C compressor	2003-08	R134a	600-700	G052 300 A2	PAO 68 or PAG ISO 46	190-210

						
Volkswagen						
Transporter T5 (7H,7J) Sanden SD7V16 compressor	2003-08	R134a	600-700	G052 154 A2	PAO 68 or PAG ISO 46	120-150
with rear AC	2003-08	R134a	1000-1100	G052 154 A2	PAO 68 or PAG ISO 46	210-260
LT: Denso compressor	1996-03	R134a	750-800	PAG	PAO 68 or PAG ISO 46	175
LT: Sanden compressor	1996-03	R134a	750-800	PAG	PAO 68 or PAG ISO 46	135
Crafter	2006-	R134a	740	G052 300 A2	PAO 68 or PAG ISO 46	180-200
Volvo						
440/460/480 - Zexel compressor	1988-93	R12	900	Suniso 5GS	PAO 68	180-220
Sanden compressor	1988-93	R12	900	Suniso 5GS	PAO 68	135
440/460/480 - Zexel compressor	1994-97	R134a	650	1161407-0	PAO 68 or PAG ISO 46	180-220
Sanden compressor	1994-97	R134a	650	1161407-0	PAO 68 or PAG ISO 46	160-200
S40/V40	1997-03	R134a	900	1161407-0	PAO 68 or PAG ISO 46	180
S40/V40 1,8 GDI	1998	R134a	750	1161407-0	PAO 68 or PAG ISO 46	120-140
S40/V40 1,8 GDI	1999-03	R134a	850	1161407-0	PAO 68 or PAG ISO 46	150-180
S40/V40 diesel	1996-98	R134a	900	1161407-0	PAO 68 or PAG ISO 46	135
S40/V40 diesel	1999-03	R134a	850	PAG	PAO 68 or PAG ISO 46	135
S40 II (MS)	2004-08	R134a	500-570	ZXL 100 PG	PAO 68 or PAG ISO 46	200
240	1985-90	R12	1300	Suniso 5GS	PAO 68	200
240 diesel	1982-89	R12	1300	Suniso 5GS	PAO 68	135
240 diesel	1990	R12	1300	Suniso 5GS	PAO 68	200
240	1991-92	R12	1100	Suniso 5GS	PAO 68	200
240	1993-94	R134a	750	1161426-0	PAO 68 or PAG ISO 100	220







						
Volvo						
740 - Zexel compressor	1985-90	R12	1200	Suniso 5GS	PAO 68	200
Sanden compressor	1985-90	R12	1200	Suniso 5GS	PAO 68	240
760/780 - enginecode B28/B280	1986-87	R12	1200	Suniso 5GS	PAO 68	200
760/780 - Zexel compressor	1988-90	R12	1100	Suniso 5GS	PAO 68	200
Sanden compressor	1988-90	R12	1100	Suniso 5GS	PAO 68	240
700 Series - Zexel compressor	1991	R12	1100	Suniso 5GS	PAO 68	200
Sanden compressor	1991	R12	1100	Suniso 5GS	PAO 68	240
700 Series 2,0 16V Turbo - Zexel compressor	1991	R12	1000	Suniso 5GS	PAO 68	200
Sanden compressor	1991	R12	1000	Suniso 5GS	PAO 68	240
700 Series - Zexel compressor	1992	R12	950	Suniso 5GS	PAO 68	200
Sanden compressor	1992	R12	950	Suniso 5GS	PAO 68	240
700 Series 16V/diesel - Zexel compressor	1992	R12	1050	Suniso 5GS	PAO 68	200
Sanden compressor	1992	R12	1050	Suniso 5GS	PAO 68	240
850	1991-97	R134a	750-825	PAG	PAO 68	200
S60	2000-05	R134a	1000	1161407-0	PAO 68 or PAG ISO 46	180
S60 with Komo (h)	2006-	R134a	700	11616270	PAO 68 or PAG ISO 46	180
C30	2007-	R134a	535	PAG	PAO 68	200
C70	1998-06	R134a	750-850	PAG	PAO 68 or PAG ISO 46	200
C70	2006-	R134a	535	PAG	PAO 68	200
S70	1997-11.00	R134a	750-850	PAG	PAO 68 or PAG ISO 46	200
V50	2004-08	R134a	500-570	PAG	PAO	200
V70 I	1997-2000	R134a	750-850	PAG	PAO 68 or PAG ISO 46	200
V70 II	03.00-07	R134a	1000	PAG	PAO 68 or PAG ISO 46	180







						
Volvo						
900 Series - Zexel compressor	1991	R12	1100	Suniso 5GS	PAO 68	200
Sanden compressor	1991	R12	1100	Suniso 5GS	PAO 68	240
900 Series 2,0 16V Turbo - Zexel compressor	1991	R12	1000	Suniso 5GS	PAO 68	200
Sanden compressor	1991	R12	1000	Suniso 5GS	PAO 68	240
960 - enginecode B6304F	1991	R12	1250	Suniso 5GS	PAO 68	240
900 Series - Zexel compressor	1992	R12	950	Suniso 5GS	PAO 68	200
Sanden compressor	1992	R12	950	Suniso 5GS	PAO 68	240
900 Series 16V/diesel - Zexel compressor	1992	R12	1050	Suniso 5GS	PAO 68	200
Sanden compressor	1992	R12	1050	Suniso 5GS	PAO 68	240
900 Series 4-cylinder engine - Seiko compressor	1993-98	R134a	950	1161426-0	PAO 68 or PAG ISO 100	220
Sanden compressor	1993-98	R134a	950	1161425-2	PAO 68 or PAG ISO 100	240
Zexel compressor	1993-98	R134a	950	1161407-0	PAO 68 or PAG ISO 46	200
900 Series 6-cylinder engine - Seiko compressor	1993-97	R134a	900	1161426-0	PAO 68 or PAG ISO 100	220
Sanden compressor	1993-97	R134a	900	1161425-2	PAO 68 or PAG ISO 100	240
Zexel compressor	1993-97	R134a	900	1161407-0	PAO 68 or PAG ISO 46	200
S/V90 - Zexel compressor	1997-99	R134a	900	1161407-0	PAO 68 or PAG ISO 46	200
Sanden compressor	1997-99	R134a	900	1161425-2	PAO 68 or PAG ISO 100	240
S80	1998-06	R134a	1000	1161407-0	PAO 68 or PAG ISO 46	180
S80 without rear AC	2006-	R134a	620	PAG	PAO 68	180
XC 70	2002-07	R134a	1000	1161407-0	PAO 68 or PAG ISO 46	180
XC 90	2002-08	R134a	1000	1161627	PAO 68 or PAG ISO 46	180
with rear AC	2002-08	R134a	1300	1161627	PAO 68 or PAG ISO 46	200







Notes for cars (*)







- 1 Round pipe condenser
- 2 Flat pipe condenser
- 3 16 mm condenser
- 4 23 mm condenser
- 5 Rear engine
- 6 Front engine
- 7 Old type of expansion valve
- 8 New type of expansion valve
- 9 Refer to label under the bonnet
- 0 Total system quantity not known, or not stated by the manufacturer - If necessary, see sticker in engine bay or on compressor
- q Options determine quantity – refer to label under the bonnet or on the compressor
- w 18 mm condenser
- e 20 mm condenser
- f Thickness of the flat pipe of the condenser
- g without oil cooler
- h Condenser module, dryer integrated into condenser
- i Organization/production no. /see information in the area of the A/B-pillar







VIN = Vehicle Identification Number







					
DAF					
45	1996-2001	1000	SP 10	PAO 68 or PAG ISO 46	175
LF 45	2001-2008	1000	SP 10	PAO 68 or PAG ISO 46	175
LF 55	2001-2008	1000	SP 10	PAO 68 or PAG ISO 46	175
65	1990-1993	850	SP 10	PAO 68 or PAG ISO 46	135
CF 65	2001-2008	850	SP 10	PAO 68 or PAG ISO 46	175
75	1990-1993	900	SP 10	PAO 68 or PAG ISO 46	175
CF 75	2001-2008	850	SP 10	PAO 68 or PAG ISO 46	135
85	1991-1993	900	SP 10	PAO 68 or PAG ISO 46	175
CF 85	2001-2008	850	SP 10	PAO 68 or PAG ISO 46	135
95	1991-1993	1000	SP 10	PAO 68 or PAG ISO 46	175
95 XF	1997-2003	700	SP 10	PAO 68 or PAG ISO 46	135
XF 95	2002-	700	PAG	PAO 68	135
XF105	2005-	700	PAG	PAO 68	0
IVECO					
DAILY I	1996-1999	800	SP 20	PAO 68 or PAG ISO 100	135
DAILY I	1999-2002	720	SP 20	PAO 68 or PAG ISO 100	135
DAILY II	1999-2002	Combi:1200	SP 20	PAO 68 or PAG ISO 100	150
DAILY II	2003-05.06	720	SP 20	PAO 68 or PAG ISO 100	135
DAILY II	2003-05.06	Combi:1200	SP 20	PAO 68 or PAG ISO 100	150
DAILY III (F1A) external dryer	05.06-	720	ND8	PAO 68 or PAG ISO 46	0
DAILY III (F1C) integrated dryer	05.06-	440	ND8	PAO 68 or PAG ISO 46	0
EUROCARGO	1991-2001	2 condensers 1600	SP 20	PAO 68 or PAG ISO 100	135

					
IVECO					
EUROCARGO	2001-5/2003	1020	PAG	PAO 68	
EUROCARGO	5/2003-2008	440	PAG	PAO 68	
EUROSTAR	1992-2000	1700	SP 20	PAO 68 or PAG ISO 100	135
EUROSTAR	1992-2000	condenser at the side: 1900	SP 20	PAO 68 or PAG ISO 100	200
EUROSTAR	2000-2004	1700	ND-OIL 8	PAO 68 or PAG ISO 46	135
EUROTECH	1992-1999	1700	SP 20	PAO 68 or PAG ISO 100	135
EUROTECH	1992-1999	condenser at the side: 1900	SP 20	PAO 68 or PAG ISO 100	200
EUROTECH	2000-2008	1700	ND-OIL 8	PAO 68 or PAG ISO 46	200
EUROTRAKKER	2000-2004	1700	SP 10	PAO 68 or PAG ISO 46	200
STRALIS AT/AD	2001-2008	700	ND-OIL 8	PAO 68 or PAG ISO 46	180
STRALIS AT/AD	2001-2008	condenser at the side: 1400	ND-OIL 8	PAO 68 or PAG ISO 46	200
TRAKKER	10.04-	700	Dens Oil 8	PAO 68 or PAG ISO 46	200
MAN					
F 2000	1995-1999	1150	(1)	(1)	180
F 2000	1999-	round pipe condenser: 1150	(1)	(1)	180
F 2000	1999-	flat pipe condenser: 950	(1)	(1)	180
L 2000	1995-1999	1250	(1)	(1)	180
L 2000	2000-	round pipe condenser: 1150	(1)	(1)	180
L 2000	2000-	flat pipe condenser: 950	(1)	(1)	180
M 2000 L	1995-1999	1250	(1)	(1)	180
M 2000 M	1995-1999	1150	(1)	(1)	180
M 2000	1999-	round pipe condenser: 1150	(1)	(1)	180

					 ml
MAN					
M 2000	1999-	flat pipe condenser: 950	(1)	(1)	180
M 90	1990-1996	1250	(1)	(1)	180
TG-A	2000-2008	900	FUCHS RENISO PAG 46	PAO 68 or PAG ISO 46	250
TGA with parking AC	2000-08	1050	Fuchs Reniso PAG 46	PAO 68 or PAG ISO 46	280
TGL	2005-	650	PAG	PAO 68	0
TGM	2005-	750	PAG	PAO 68	0
TGS	10.07-	950 PAG	PAO 68	0	78
with parking AC	10.07-	1050 PAG	PAO 68	0	78
TGX	10.07-	950 PAG	PAO 68	0	78
with parking AC	10.07-	1050 PAG	PAO 68	0	78
MERCEDES BENZ					
ACTROS 1996	1997-2002	1100	ND-OIL 8	PAO 68 or PAG ISO 46	160
ACTROS 2003	2003-2008	1100-1200	ND-OIL 8	PAO 68 or PAG ISO 46	175
ACTROS 2003	2003-2008	1600 with parking AC	ND-OIL 8	PAO 68 or PAG ISO 46	180
ATEGO I	1998-2004	1000	ND-OIL 8	PAO 68 or PAG ISO 46	160
ATEGO II	1998-2004	1200	ND-OIL 8	PAO 68 or PAG ISO 46	160
AXOR	2001-10.04	1100-1200	ND-OIL 8	PAO 68 or PAG ISO 46	175
AXOR II	10.04-	1100	PAG	PAO 68	0
ECONIC	1998-2008	800	ND-OIL 8	PAO 68 or PAG ISO 46	160
T1/TN 407-410	1993-1995	700	A0019890803	PAO 68 or PAG ISO 46	120
T2/LN1 507-711	1993-1995	860	A0019890803	PAO 68 or PAG ISO 46	120
UNIMOG U300-500	2000-2004	1400	A0019890803	PAO 68 or PAG ISO 46	150

					 ml
MERCEDES BENZ					
VARIO	1996-07	1225	A0019890803	PAO 68 or PAG ISO 46	160
NISSAN					
ATLEON 110,140 Ch.-> 514109	1999-	900 ± 50	NISSAN TYPE S	PAO 68 or PAG ISO 46	260 ± 10
ATLEON 165,210 Ch.-> 514109	1999-	950 ± 50	NISSAN TYPE S	PAO 68 or PAG ISO 46	260 ± 10
ATLEON Ch. 514110 ->	1999-	750	NISSAN TYPE S	PAO 68 or PAG ISO 46	260 ± 10
CABSTAR E	1998-	750	NISSAN TYPE S	PAO 68 or PAG ISO 46	260 ± 10
RENAULT V.I.					
KERAX	1997-1999	1400	SANDEN SP 20	PAO 68 or PAG ISO 100	165
MAGNUM	1996-1999	1450	SANDEN SP 20	PAO 68 or PAG ISO 100	165
MAGNUM E.TECH	2000-	1450	SANDEN SP 20	PAO 68 or PAG ISO 100	165
MASCOTT 2,8 DdCi	1999-07	890	CLIM 488	PAO 68	
MASTER	1998-	850 ± 50	SANDEN SP 10	PAO 68 or PAG ISO 46	135
MIDLINER M	1996-1999	1200	CLIM 488	PAO 68	165
MIDLINER S	1995-1999	1200	CLIM 488	PAO 68	165
MIDLUM	1999-	1200	CLIM 488	PAO 68	165
PREMIUM	1996-2006	1400	SANDEN SP 20	PAO 68 or PAG ISO 100	165
PREMIUM II	10.05-	1200	PAG	PAO 68	0
SCANIA					
113 E, H, M	1991-1996	800	PAG REF. 584077	PAO 68 or PAG ISO 46	175
114 C, G, L	1998-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240

					
SCANIA					
124 C, G, L	1996-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
143 E, H, M	1991-1996	800	PAG REF. 584077	PAO 68 or PAG ISO 46	175
144 C, G, L	1995-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
164 C, G, L	2000-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
93 H, M	1988-1996	800	PAG REF. 584077	PAO 68 or PAG ISO 46	175
94 C, D, G, L	1996-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
R	2004-	1250	PAG REF. 584110	PAO 68 or PAG ISO 46	240
T 113 E, H	1990-1996	800	PAG REF. 584077	PAO 68 or PAG ISO 46	175
T 114 C, G, L	1998-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
T 124 C, G, L	1996-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
T 143 E, H	1991-1996	800	PAG REF. 584077	PAO 68 or PAG ISO 46	175
T 144 C, G, L	1995-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
T 93 H	1990-1996	800	PAG REF. 584077	PAO 68 or PAG ISO 46	175
T 94 C, G, L	1996-	1450	PAG REF. 584110	PAO 68 or PAG ISO 46	240
VOLVO					
F 10	1990-1993	1400	VOLVO 1160048	PAO 68 or PAG ISO 46	310
F 12	1990-1993	1400	VOLVO 1160048	PAO 68 or PAG ISO 46	310
F 16	1990-1993	1400	VOLVO 1160048	PAO 68 or PAG ISO 46	310
FE	05.06-	1280	PAG	PAO 68	175
FH	01.2003-	1150-1200	PAG	PAO 68	0
FH 12	1993-2001	1200	PAG SP 10	PAO 68 or PAG ISO 46	175
FH 13	2005-	1250	1161425-2	PAO 68 or PAG ISO 100	175
FH 16	1993-1999	1150	VOLVO 1161425-2	PAO 68 or PAG ISO 100	175
FL 6	1993-1999	1150	VOLVO 1161425-2	PAO 68 or PAG ISO 100	175

					 ml
VOLVO					
FL II	05.06-	1200	PAG	PAO 68	175
FM 10	1999-	1150	VOLVO 1161629	PAO 68 or PAG ISO 46	175
FM 12	1998-09.05	1200	VOLVO 1161629	PAO 68 or PAG ISO 46	175
FM 13	09.05-	1250	1161425-2	PAO 68 or PAG ISO 100	175
FM 7	1998-	1150	VOLVO 1161629	PAO 68 or PAG ISO 46	175
FM 9	2001-09.05	1150	VOLVO 1161629	PAO 68 or PAG ISO 46	175
NH 12	1999-08	1250	1161629	PAO 68 or PAG ISO 46	0

(1)	OE	Behr Hella Service
Compressor Compressor Compressor Compressor Compressor	Unicla: PAG OIL UNIDAP Zexel: PAG OIL ZEXEL ZXL 100PG Sanden: PAG OIL SANDEN SP 20 Nippondenso: PAG OIL ND 8 Kiki: FUCHS RENISO PAG 46"	PAO 68 or PAG ISO 46 PAO 68 or PAG ISO 46 PAO 68 or PAG ISO 100 PAO 68 or PAG ISO 46 PAO 68 or PAG ISO 46
Oil filling quantity "O" = Details unknown, or not specified by the manufacturer		

Hella Limited

Wildmere Industrial Estate
Banbury, Oxon OX16 3JU
Tel.: (0 12 95) 27 22 33
Fax: 0800 783 2571
E-mail: hella.ltd@hella.com
Website: www.hella.co.uk

Hella Ireland Limited

Woodford Business Park
Santry, Dublin 17
Republic of Ireland
Tel.: +353 (1) 8 62 00 00
Fax: +353 (1) 8 62 11 33
E-mail: irlsales@hella.com
Website: www.hella.ie

