

# R134a Air Conditioning Filling Chart



## ALFA ROMEO

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
145/146 (930)	Petrol	07.94-01.01		700	25	PAG46	225-255
145/146 (930)	Diesel	07.94-01.01		700	25	PAG150	220-250
145/146 (930)	Twin Spark/1.9 JTD	12.96-01.01		700	25	PAG100	140
147 (937)		01.01-05.10		550	25	PAG46	130
156 (932)		09.97-02.02		650	25	PAG100	140
156 (932 Facelift)		03.02-05.06		500	25	PAG46	130
156 (932)	2.4 JTD	09.97-02.02		650	25	PAG100	150
156 (932 Facelift)	2.4 JTD	03.02-05.06		500	25	PAG100	150
159 (159)		09.05-10.11		460	30	PAG46	150
166 (936)		09.98-06.05		700	25	PAG46	135
166 (936)		07.05-11.07		500	40	PAG46	130

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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Brera/Spider		09.06-		500	40	PAG46	130
Giulietta		04.10-		450	20	PAG46	130
GT		11.03-03.10		500	40	PAG46	130
Mito		09.08-		500	40	PAG46	130
Spider/GTV (916C/916S)	1.8i	1998-04.05		600	25	PAG46	260-320
Spider/GTV (916C/916S)	2.0i	1995-04.05		675	25	PAG100	260-320
Spider/GTV (916C/916S)	V6	1995-04.05		575	25	PAG46	225-255

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# R134a Air Conditioning Filling Chart



## AUDI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
A1 (8X1)		05.10-	Sanden PXE14/Delphi CVC comp.	500	15	PAG46	110
A1 (8X1)		05.10-	Denso 6SEU14 comp.	500	15	PAG46	90
A2 (8Z0)		02.00-08.05		510	25	PAG46	180
A3 (8L1)		09.96-05.03	Sanden SD7V16 comp.	775	25	PAG46	135
A3/RS3 (8P1/8PA)		05.03-	Denso 6SEU comp.	525	25	PAG46	90
A3/RS3 (8P1/8PA)		05.03-	Denso 7SEU comp.	525	25	PAG46	130-190
A3/RS3 (8P1/8PA)		05.03-	Sanden/Zexel comp.	525	25	PAG46	100-120
A3/RS3 (8P1/8PA)		05.03-	Delphi comp.	525	25	PAG46	150
A4/S4 (8D2/8D5/B5)		01.95-09.01	Showa condenser	725	25	PAG46	250-300
A4/S4 (8D2/8D5/B5)		01.95-09.01	Modine/AWG condenser	575	25	PAG46	250-300
A4/S4/RS4 (8E2/8E5/B6)		11.00-12.04		505	25	PAG46	180
A4/S4/RS4 (8EC/8ED/B7)		11.04-06.08	=> Seat Exeo	500	15	PAG46	130-180
A4/S4/RS4 (8K2/8K5)		11.07-		600	20	PAG46	150
A5/S5/RS5 (8T/8F)		06.07-		600	20	PAG46	150

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Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
A6/S6/RS6 (4B/C5)		11.97-01.05	20mm PF condenser	775	25	PAG46	250-300
A6/S6/RS6 (4B/C5)		11.97-01.05	18mm PF condenser	675	25	PAG46	250-300
A6/S6/RS6 (4F2/4F5)		05.04-		530	20	PAG46	130
A6/S6/RS6 (4G2/4G5)		03.11-		570	20	PAG46	120
A7 Sportback		10.10-	Denso 6SEU14 comp.	570	20	PAG46	120
A8/S8 (4D2/4D8)		03.94-12.02		800	25	PAG46	250-300
A8/S8 (4E)		10.02-07.10	Denso comp. + red TXV	600	50	PAG46	200
A8/S8 (4E)	6.0i W12/4.0 TDI	10.02-07.10		620	20	PAG46	150
A8/S8 (4H)		11.09-		780	20	PAG46	130
A8/S8 (4H)		11.09-	+ Rear evaporator	930	20	PAG46	130
Allroad (4BH)		05.00-08.05		800	50	PAG46	240-260

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# R134a Air Conditioning Filling Chart



## AUDI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Q3		06.11-	Sanden PXE14/Delphi CVC comp.	525	25	PAG46	110
Q3		06.11-	Denso 6SEU14 comp.	525	25	PAG46	90
Q5 (8R)		11.08-		600	20	PAG46	150
Q7 (4L)		03.06-		725	25	PAG46	150
Q7 (4L)		03.06-	+ Rear evaporator	1075	25	PAG46	230-260
R8		04.07-		650	20	PAG46	150
TT/TTS (8N3/8N9)		10.98-06.06		775	25	PAG46	135
TT/TTRS (8J3/8J9)		10.06-		525	25	PAG46	100

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# R134a Air Conditioning Filling Chart



## BMW

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
1-Series (E81/E82/E87/E88)	N42/N45/N46/N52/M47	09.04-		500	10	PAG46	180
1-Series (E81/E82/E87/E88)	N43/N52/N54/N47	03.07-		590	10	PAG46	150
3-Series (E46)	Petrol	02.98-04.05		740	25	PAG46	150
3-Series (E46)	Diesel	04.98-04.05		680	10	PAG46	150
3-Series (E90/E91/E92/E93)		01.05-		590	10	PAG46	150
5-Series (E39)		11.95-05.04	Denso 7SBU16C comp.	1250	25	PAG46	180-250
5-Series (E39)		11.95-05.04	Seiko Seiki SS120DL comp.	750	10	PAG46	145-175
5-Series (E39)	525d/530d	08.98-05.04	Denso 7SBU16C comp.	680	10	PAG46	180-250
5-Series (E60/E61)	Petrol	07.03-08.10		810	10	PAG46	180
5-Series (E60/E61)	Diesel	07.03-06.05		810	10	PAG46	180
5-Series (E60/E61)	Diesel	07.05-08.10		700	10	PAG46	180
5-Series Gran Turismo (F07)		10.09-		850	10	PAG46	See manual
5-Series (F10/F11)		03.10-		850	10	PAG46	See manual
6-Series (E63/E64)		01.04-07.10		810	10	PAG46	180
6-Series (F12/F13)		03.11-		850	10	PAG46	See manual

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# R134a Air Conditioning Filling Chart



## BMW

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
7-Series (E38)		10.98-11.01	Denso 7SBU16C comp.	680	10	PAG46	180
7-Series (E38)	725 TDS	04.96-11.01	Denso 7SBU16C comp.	1210	25	PAG46	250
7-Series (E38)	750 iL	12.94-11.01	Denso 10PA17C comp.	1270	25	PAG46	180
7-Series (E38)	750 iL	12.94-11.01	Denso 10PA17C comp. + Rear evap.	1400	25	PAG46	See manual
7-Series (E65/E66)		11.01-10.08		810	10	PAG46	180
7-Series (F01/F02/F03/F04)		11.08-		900	10	PAG46	See manual
X1 (E84)		10.09-		590	10	PAG46	150
X3 (E83)	Petrol	01.04-08.10		810	10	PAG46	150
X3 (E83)	Diesel	01.04-08.10		700	10	PAG46	150
X5 (E53)		05.00-09.06		440	10	PAG46	See manual
X5/X6 (E70/E71/E72)		02.07-		700	10	PAG46	150

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# R134a Air Conditioning Filling Chart



## BMW

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Z3 (E36)		10.95-06.03	Denso comp. Tube&Fin cond.	1000	25	PAG46	100-140
Z3 (E36)		10.95-06.03	Denso comp. + PF cond.	825	25	PAG46	100-140
Z3 (E36)		10.95-06.03	Seiko Seiki comp. + Tube&Fin cond.	1000	25	PAG46	150
Z3 (E36)		10.95-06.03	Seiko Seiki comp. + PF cond.	825	25	PAG46	150
Z4 (E85/E86)		02.03-08.08		740	10	PAG46	150
Z4 (E89)		05.09-		850	10	PAG46	See manual

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# R134a Air Conditioning Filling Chart



## CHEVROLET / GM

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Aveo/Kalos (T200/T250/T300)		05.05-	Delphi Harrison V5 comp.	520 (RHD 600)	20	PAG150	200
Aveo/Kalos (T200/T250/T300)		05.05-	Delphi Harrison SP10 comp.	520 (RHD 600)	20	PAG100	150
Captiva (C100/C140)	Petrol	06.06-	LHD	660	20	PAG100	150
Captiva (C100/C140)	Diesel	10.06-	LHD	520	20	PAG100	150
Cruze (J300)		05.09-	=> Opel Astra J (AT)	650	20	PAG46	120-150
Epica (KL1)		01.05-2011		800 (RHD 860)	20	PAG150	220
Evanda		03.05-		730	20	PAG150	265
HHR		01.06-		410	25	PAG46	120
Lacetti/Nubira		01.05-11.10		640 (RHD 680)	20	PAG150	220
Matiz		03.05-03.10		330 (RHD 380)	20	PAG46	110
Orlando		12.10-		650	20	PAG46	120-150
Spark		05.05-		330 (RHD 380)	20	PAG46	110
Spark (M300)		03.10-		450	25	PAG46	100
Tacuma/Rezzo		03.05-		700	20	PAG46	220
Volt		04.11-	=> Opel Ampera	950	25	See manual	See manual

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# R134a Air Conditioning Filling Chart



## CHRYSLER (USA)

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
300C		09.04-12.10		740	30	PAG46	180
300M (LR)		07.98-09.04		710	30	PAG100	See manual
Crossfire		07.03-12.07		850	25	PAG46	130
Grand Voyager V (RT)		10.07-		800	25	PAG46	120
Grand Voyager V (RT)		10.07-	+ Rear evaporator	1150	50	PAG46	190
Neon II		08.99-2004		765	25	PAG46	180
PT Cruiser (PT)		06.00-07.10		710	30	PAG46	160
PT Cruiser (PT)	2.2 CRD	03.02-07.10		850	25	PAG46	180
PT Cruiser Convertible	2.4i	03.04-02.08		510	20	PAG46	180
Sebring (JR)		04.01-2007		640	20	PAG46	See manual
Sebring (JR)	2.4 Turbo	04.01-2007		540	20	PAG46	See manual
Sebring (JS)		07.07-12.11		570	20	PAG46	See manual
Voyager III (GS)		01.95-03.01		960	30	PAG46	150
Voyager III (GS)		01.95-03.01	+ Rear evaporator	1350	50	PAG46	220
Voyager IV (RG)		02.00-12.07		790-960	PAG46	150	
Voyager IV (RG)		02.00-12.07	+ Rear evaporator	1250	50	PAG46	220

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# R134a Air Conditioning Filling Chart



## CITROEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Berlingo (M/MF)		07.96-2002		875	25	PAG46	135
Berlingo (M/MF)		2003-11.09		575	25	PAG46	135
Berlingo		04.08-		450	25	PAG46	135
C1 (PM/PN)	1.0i	06.05-	=> Peugeot 107/Toyota Aygo	450	25	PAG100	80
C1 (PM/PN)	1.4 Hdi	06.05-	=> Peugeot 107/Toyota Aygo	500	25	PAG100	80
C2 (JM)		09.03-05.04	> VIN 10041	625	25	PAG46	135
C2 (JM)		05.04-	VIN 10042 >	500	25	PAG46	135
C3/-Pluriel/-Picasso (FC/HB)		02.02-05.04	> VIN 10041	625	25	PAG46	135
C3/-Pluriel/-Picasso (FC/HB)		05.04-2009	VIN 10042 >	500	25	PAG46	135
C3 II/-Picasso		02.09-		475	25	PAG46	135
C4 (LA/LC)		11.04-09.05	> VIN 10553	670	25	PAG46	135
C4 (LA/LC)		09.05-	VIN 10554 >	450	25	PAG46	135
C4 Picasso/Grand Picasso (UA/UD)		10.06-		480	25	PAG46	135
C4 Picasso/Grand Picasso (UA/UD)		10.06-	+ Rear evaporator	675	25	PAG46	200

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## CITROEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
C5 (DC/DE)		03.01-08.04		625	25	PAG46	135
C5 (DC/DE)	2.2Hdi	03.01-08.04		625	25	PAG150	265
C5 II & III/C6 (RC/RD/RE/TD)		08.04-		625	25	PAG46	135
C5 II & III/C6 (RC/RD/RE/TD)	2.2 HDi/2.7 HDi	08.04-		525	25	PAG46	135
C8 (EA/EB)		07.02-		675	25	PAG46	135
C8 (EA/EB)	2.0 Hdi/2.2 Hdi	07.02-		540	25	PAG46	135
C-Crosser (EP)		02.07-	=> Mits Outlander/Peugeot 4007	500	20	PAG46	100
C-Zero Electric		10.10-	=> Mitsubishi i-MiEV/Peugeot iOn	325	10	PAG46	100
Dispatch/Jumpy I&II (BU/BS/BT/BY/BV/BW/BX/BZ/U6U)		2002-10.06		600	50	PAG46	135
Dispatch/Jumpy I&II (BU/BS/BT/BY/BV/BW/BX/BZ/U6U)		2002-10.06	Short version + Rear evap.	900	50	PAG46	180
Dispatch/Jumpy I&II (BU/BS/BT/BY/BV/BW/BX/BZ/U6U)		2002-10.06	Long Version + Rear evap.	1000	50	PAG46	180
Dispatch/Jumpy III		01.07-		540	25	PAG46	135
Dispatch/Jumpy III		01.07-	Short Version + Rear evap.	850	25	PAG46	180
Dispatch/Jumpy III		01.07-	Long Version + Rear evap.	950	25	PAG46	180

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## CITROEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
DS3		04.10-		500	25	PAG46	135
DS4		04.11-		425	25	PAG46	135
Jumper I&II/Relay I&II (230/244)		02.94-04.06		800	25	PAG100	135
Jumper I&II/Relay I&II (230/244)		02.94-04.06	+ Rear evaporator	1000	25	PAG100	180
Jumper III/Relay III		04.06-		550	25	PAG46	140
Jumper III/Relay III		04.06-	+ Rear evaporator	950	25	PAG46	180-220
Nemo (AA)		02.08-		500	25	PAG46	135
Saxo (S0/S1)		02.96-04.04		775	25	PAG46	135
Xantia (X2)		01.98-04.03		825	25	PAG150	250-280
Xantia (X2)	3.0i V6	01.98-04.03		725	25	PAG46	135
Xsara (N0/N1/N2)		2000-08.05		565	25	PAG46	135
Xsara Picasso (N68)		12.99-01.10		625-775		PAG46	135

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# R134a Air Conditioning Filling Chart



## DACIA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Duster		04.10-		475	25	PAG46	135
Logan/MCV/Van/Pick Up (FS/KS/LS/US)		09.04-		850	25	PAG46	135
Sandero		06.08-		475	25	PAG46	135

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# R134a Air Conditioning Filling Chart



## DAEWOO

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Evanda (KLAL)		08.02-12.05		730	20	PAG150	265
Kalos (KLAS)		09.02-12.04		600 (RHD 650)	20	PAG150	220
Korando (KJ)		01.99-2006		700	50	PAG100	See manual
Lacetti/Nubira (KLAN)		07.03-2010		640 (RHD 680)	20	PAG150	220
Lanos (KLAT)		05.97-12.03		720	20	PAG150	200-265
Leganza (KLAV)		06.97-04.04		830	20	PAG150	265
Matiz (KLYA)		09.98-2004		525	25	PAG46	150
Musso (FJ)		07.98-2003		700	50	PAG100	See manual
Nubira (KLAJ)		04.97-2003		750 (RHD 800)	20	PAG150	235-265
Rezzo/Tacuma (KLAU)		09.00-2008		750 (RHD 820)	20	PAG150	220

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# R134a Air Conditioning Filling Chart



## DAF TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
65 CF/75 CF/85 CF		02.98-12.00		850	50	PAG46	135
75/85		07.92-02.98		900	50	PAG46	175
95		09.87-01.98		1000	50	PAG46	175
95 XF		01.97-09.02		700	50	PAG46	135
LF 45/LF 55		01.01-		1000	50	PAG46	175
CF 65/CF 75/CF 85		01.01-		850	50	PAG46	135-175
XF 95		09.02-12.06		700	50	PAG46	135
XF 105		10.05-		700	50	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## DAIHATSU

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Charade (L2)		03.03-		300	30	PAG46	See manual
Cuore VII (L251)		03.03-2007		380	30	PAG46	See manual
Cuore VIII		04.07-		300	30	PAG46	60
Materia (M4)		10.06-		350	30	PAG46	70
Sirion I (M1)	1.0i	09.00-04.05		380	30	PAG46	See manual
Sirion I (M1)	1.3i	09.00-04.05		340	30	PAG46	See manual
Sirion II (M3)		01.05-02.10	=> Subaru Justy IV	300	30	PAG46	See manual
Terios (J1)		08.98-10.05		400	30	PAG46	See manual
Terios (J2)		11.05-		350 (RHD 300)	30	PAG46	80
Trevis		06.06-2009		300	30	PAG46	See manual
YRV (M2)		02.01-07.05		380	30	PAG46	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## DODGE (CHRYSLER)

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Avenger		06.07-		460	30	PAG46	180
Caliber		06.06-		510	30	PAG46	120
Nitro		06.07-		510	30	PAG46	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## FIAT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
500		10.07-		500	40	PAG46	130
Bravo II (198)		11.06-		500	40	PAG46	130
Croma II (194)		06.05-		730	30	PAG46	120
Doblo I (223)		03.01-2010		625	25	PAG46	135
Doblo II (263)		02.10-		450	20	PAG46	120
Ducato II (244)		04.02-2006		840	40	PAG100	150
Ducato II (244)		04.02-2006	+ Rear evaporator	1000	40	PAG100	160-210
Ducato III (250)		07.06-		550	40	PAG46	180
Ducato III (250)		07.06-	+ Rear evaporator	950	40	PAG46	220
Fiorino/Qubo		02.08-		500	25	PAG46	130
Idea		12.03-2010	=> Lancia Musa	500	40	PAG46	130
Linea		06.07-		500	40	PAG46	130
Linea	1.6 Multijet	06.09-		460	40	PAG46	130
Multipla (186)	1.6i	04.99-02.10		650	25	PAG150	265
Multipla (186)	1.9 JTD	04.99-02.10		650	25	PAG100	130

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## FIAT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Panda (169)		09.03-2012		500	30	PAG46	80-130
Punto (188/188AX)		09.99-04.07		550	25	PAG46	80-130
Punto (188/188AX)	1.8i	09.99-04.07		550	25	PAG100	80
Punto Evo		07.08-		500	40	PAG46	110
Punto/Grande Punto (199)		10.05-		500	25	PAG46	130
Scudo I (220L/220P)		02.96-2006		975	25	PAG46	135
Scudo II (270)		01.07-		540	25	PAG46	135
Scudo II (270)		01.07-	+ Rear evaporator	850	25	PAG46	150-180
Sedici		06.06-	=> Suzuki SX4	430	20	PAG46	60-80
Stilo (192)		10.01-05.08		550	25	PAG46	80
Ulysse (179AX)		08.02-07.11		600	25	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## FORD

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
C-Max (CB3)		02.07-2010		600	15	PAG46	200
C-Max/Grand C-Max (CB7)		12.10-		530	15	PAG46	150
Fiesta V (JH/JD)		11.01-08.08	30mm condenser	650	15	PAG46	210
Fiesta V (JH/JD)		11.01-08.08	16mm PF condenser	470	15	PAG46	200
Fiesta V (JH/JD)	1.6 TDCi	11.01-08.08	30mm condenser	520	15	PAG46	200
Fiesta VI (JA8)		10.08-		390	10	PAG46	120-170
Fiesta VI (JA8)	1.6 TDCi	10.08-		475	10	PAG46	120
Focus I (DAW/DBW/DNW)		10.98-11.04		740	15	PAG46	200
Focus II/Focus C-Max (CAP)		10.03-03.07	30mm condenser	740	15	PAG46	200
Focus II/Focus C-Max (CAP)		10.03-03.07	16mm PF condenser	600	15	PAG46	200
Focus III (CB8)		04.11-		530	15	PAG46	150
Fusion (JU)		08.02-2012	30mm condenser	650	15	PAG46	210
Fusion (JU)		08.02-2012	16mm PF condenser	470	15	PAG46	200

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

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# R134a Air Conditioning Filling Chart



## FORD

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Galaxy (WGR)	2.0i/2.3i 16V	03.95-05.00		950	50	PAG46	200
Galaxy (WGR)	2.8i VR6/1.9 TDI	03.95-05.00		950	50	PAG46	135
Galaxy (WGR)		03.95-05.00	+ Rear evaporator	1350	50	PAG46	240
Galaxy (WGR)		06.00-05.06		725	25	PAG46	135
Galaxy (WGR)		06.00-05.06	+ Rear evaporator	1075	25	PAG46	240
Galaxy/S-Max (CA1)		05.06-		600	15	PAG46	200
Galaxy/S-Max (CA1)		05.06-	+ Rear evaporator	850	15	PAG46	250
Ka (RB)		09.96-11.08		650	15	PAG46	200
Ka (CCU)		10.08-		500	40	PAG46	95
Kuga (CBV)		03.08-		600	15	PAG46	200
Maverick II/III		02.01-2007	=> Mazda Tribute	850	25	PAG46	265
Mondeo I (BNP/GBP)		02.93-08.96		740	15	PAG46	200
Mondeo II (BAP/BFP/BNP)		09.96-11.00		740	15	PAG46	200
Mondeo III (B4Y/B5Y/BWY)		11.00-08.07	30mm condenser	820	20	PAG46	200
Mondeo III (B4Y/B5Y/BWY)		11.00-08.07	16mm PF condenser	700	15	PAG46	200
Mondeo IV (BA7)		03.07-		540	15	PAG46	200

**Viscosity of PAG (PolyAlkylenGlycol) oil:**

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## FORD

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Street Ka (CCS)		05.03-07.05		650	15	PAG46	200
Transit Connect/Tourneo (P65/P70/P80)		06.02-2010		740	15	PAG46	200
Transit (E)		06.94-07.00		900	15	PAG46	200
Transit Bus (E)		06.94-07.00	+ Rear evaporator	1200-1400	25	PAG46	250
Transit (FA/FD/FB/FC/FS/FM/FN/FS/FZ)		01.00-05.06		740	20	PAG46	200
Transit Bus (FA/FD/FB/FC/FS/FM/FN/FS/FZ)		01.00-05.06	+ Rear evaporator	1560	30	PAG46	250
Transit (FA/FD/FB/FC/FS/FM/FN/FS/FZ)	2.3i/2.0 TDCi	08.00-05.06		990	20	PAG46	280
Transit (TT9)		04.06-		750	20	PAG46	280
Transit Bus (TT9)		04.06-	+ Rear evaporator	1400	30	PAG46	340

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## HONDA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Accord VII (CG/CH/CK)		03.97-12.03	Denso comp.	525	25	PAG46	160
Accord VII (CG/CH/CK)		03.97-12.03	Sanden comp.	525	25	PAG46	130
Accord VII Coup • (CG)		12.97-06.03		625	25	PAG46	160
Accord VIII (CL/CM)	Petrol	02.03-2008		550	25	PAG46	130
Accord VIII (CL/CM)	Diesel	01.04-2008		475	25	PAG46	160
Accord IX (CU)		07.08-		475	25	PAG46	180
Civic VII (EM2/EU/EP/ES/EV)		03.99-02.06		525	25	PAG46	140
Civic VIII (FD/FK/FN)		09.05-		425 (RHD 475)	25	PAG46	140
CR-V II (RD)		12.01-09.06		500	25	PAG46	140
CR-V III		10.06-		460	30	PAG46	180
FR-V (BE)		02.05-2009		525	25	PAG46	120
HR-V (GH)		03.99-2005		600	25	PAG46	140
HR-V (GH)		03.99-2005	+ Rear evaporator	750	25	PAG46	170
Insight (ZE)	Hybrid	04.00-12.06		525	25	PAG46	140
Insight II		04.09-		475	25	PAG46	80

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

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# R134a Air Conditioning Filling Chart



## HONDA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Jazz II (GD)		03.02-07.08		425	25	PAG46	85
Jazz III (GE)		07.08-		400	20	PAG46	85
Legend III (KA9)		02.96-2006		725	25	PAG46	140
Legend IV (KB)		05.06-2008		475	25	PAG46	200
S2000 (AP)		03.99-2009		625	25	PAG46	140
Stream (RN)	2.0i 16V	05.01-2007		525	25	PAG46	130-180

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## HYUNDAI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Accent II/Excel II (LC)		01.00-11.05		575	25	PAG46	150
Accent III (MC)		11.05-		500	25	PAG46	120
Atos Prime (MX)		03.01-2008		500	25	PAG46	150
Coupe (GK)		08.01-09.09		600	25	PAG46	150
Elantra (XD)		06.00-2006		680	25	PAG46	140
Getz (TB)		08.02-03.09		500	25	PAG46	120
Grandeur (TG)		04.05-12.10		500	25	PAG46	150
H-1/H200/Starex		10.97-12.07		650	25	See manual	200-250
H-1/H200/Starex		10.97-12.07	+ Rear evaporator	1300	25	See manual	220-280
H-1/H300/Starex/Satellite/Montana		02.08-		650	25	PAG46	150
H-1/H300/Starex/Satellite/Montana		02.08-	+ Rear evaporator	850	25	PAG46	210
i10		10.07-		450	25	PAG46	120
i20 (PB/PBT)		08.08-		450	25	PAG46	120
i30		10.07-		500	25	PAG46	150
ix20 (JC)		11.10-		550	25	PAG46	100

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## HYUNDAI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
ix35 (LM)		01.10-		510	25	PAG46	120
ix55		09.08-		700	25	PAG46	150
ix55		09.08-	+ Rear evaporator	900	25	PAG46	210
Matrix (FC)		06.01-12.05		550	25	PAG46	150
Santa Fe I (SM)/Santa Fe II (CM)		11.00-		600	25	PAG46	150
Santa Fe II (CM)		03.06-	+ Rear evaporator	850	25	PAG46	210
Sonata IV (EF)		03.98-05.05		700	25	PAG46	150
Sonata V (NF)		01.05-		550	20	PAG46	150
Terracan (HP)		06.01-10.06		850	25	PAG46	180
Trajet (FO)		03.00-2008		670	25	PAG46	160
Trajet (FO)		03.00-2008	+ Rear evaporator	850	25	PAG46	200
Tucson (JM)	Petrol	08.04-03.10		510	20	PAG46	125
Tucson (JM)	Diesel	08.04-03.10		510	20	PAG46	200
XG (XG)		12.98-2005		670	25	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## INFINITI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
EX - Series		10.08-		550	25	PAG46	150
FX - Series		01.03-		550	25	PAG46	150
G - Series		09.08-		550	25	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

PAG46 = Low

PAG100 = Medium

PAG150 = High

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# R134a Air Conditioning Filling Chart



## ISUZU

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
D-Max (8DH)		05.02-		650	25	PAG100	180
Trooper	Petrol	04.00-2005		750	25	PAG100	150
Trooper	Diesel	04.00-2005		750	25	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## IVECO TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Daily III		05.99-05.06		720	20	PAG100	135
Daily III		05.99-05.06	+ Rear evaporator	1150	50	PAG100	170
Daily IV		05.06-	External drier	720	20	PAG46	135
Daily IV		05.06-	Integrated drier	440	20	PAG46	135
Eurocargo II		09.02-2008		950	50	PAG46	135
Eurocargo III		02.08-		440	20	PAG46	135
EuroStar		01.93-2000		1650	50	PAG100	135
EuroStar		01.93-2000	Condensor on side	1850	50	PAG100	200
EuroStar		2000-02.02		1650	50	PAG46	135
EuroTech MP/MT		01.92-08.98		1650	50	PAG46	135
EuroTech MP/MT		01.92-08.98	Condensor on side	1850	50	PAG100	200
EuroTech MH		09.98-2002		1650	50	PAG46	200
EuroTrakker		01.93-11.04		1650	50	PAG46	200
Stralis		02.02-		700	25	PAG46	180
Stralis		02.02-	Condensor on side	1400	50	PAG46	200
Trakker		11.04-		700	25	PAG46	200

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## JAGUAR / DAIMLER

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Daimler (X308)		07.97-03.03		675	25	PAG46	160-200
S-Type (CCX)		01.99-2007		800	25	PAG46	210
S-Type (CCX)	Diesel	06.04-2007		700	50	PAG46	200
XF (CC9)		03.08-		700	25	PAG46	130
XJ8/XJR (NAW/NBW)		07.97-05.03		675	25	PAG46	160-200
XJ6/XJ8/XJR (X350/X358)		05.03-		650	25	PAG46	140
XJ6/XJ8/XJR (X350/X358)		05.03-	+ Rear evaporator	800	25	PAG46	180
XJ (X351)		01.10-		700	25	PAG46	110
XK8/XKR (QDV/QEV)		03.96-2005		650	50	PAG46	180
XK8/XKR (QDV/QEV)		03.06-		700	25	PAG46	130
X-Type (CF1)/Estate		06.01-2009	Estate/VIN > E88031	810	15	PAG46	220
X-Type (CF1)	Diesel	07.03-2009		735	25	PAG46	200
X-Type Estate		02.04-2009	VIN E88032 >	575	25	PAG46	200

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## JEEP (CHRYSLER)

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Cherokee/Liberty (KJ)		09.01-2008		550	25	PAG46	150
Cherokee/Liberty (KK)		01.08-		510	15	PAG46	150
Grand Cherokee I (Z)		09.91-04.99		775	25	PAG46	230
Grand Cherokee II (WJ/WG)		10.98-2005		750	25	PAG46	220
Grand Cherokee III (WH)/Commander		06.05-		670	15	PAG46	140
Grand Cherokee III (WH)/Commander		06.05-	+ Rear evaporator	950	15	PAG46	210
Patriot		01.08-		510	15	PAG46	150
Wrangler II (TJ)		08.96-2007		550	25	PAG46	240
Wrangler III (JK)		04.07-		510	15	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

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# R134a Air Conditioning Filling Chart



## KIA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Carens II (FJ)		07.02-2006		680	20	PAG46	120
Carens III (UN)		09.06-		450	25	PAG46	120
Carnival II/Sedona II (GQ)		10.01-2005		1000	50	PAG46	180
Carnival III/Sedona III (VQ)		09.05-2011		800	25	PAG46	130
Cee'd/Pro Cee'd (ED)		12.06-		500	25	PAG46	130
Cerato (LD)	Petrol	03.04-2008		500	25	PAG46	130
Cerato (LD)	Diesel	04.04-2008		500	25	PAG46	210
Joice		02.00-2003		700	25	PAG46	210
Magentis I (GD)		05.01-2005		670	25	PAG46	150
Magentis II (MG)		11.05-2010		500	25	PAG46	150
Opirus (GH)		09.03-2010		650	25	PAG46	150
Picanto (BA)		04.04-2011		450	25	PAG46	120
Picanto (TA)		05.11-		360	25	PAG46	110
Pregio (TB)		08.95-09.04		825	25	PAG46	200
Rio I (DC)		09.00-02.05		650	50	PAG46	150
Rio II (JB)		03.05-2011		500	25	PAG46	120

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## KIA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Sephia/Shuma (FB)		03.96-08.04		700	25	PAG46	130
Sorento I (JC)		08.02-2009		600	25	PAG46	200
Sorento II (XM)		11.09-		600	25	PAG46	120
Sorento II (XM)		11.09-	+ Rear evaporator	750	25	PAG46	180
Soul (AM)		02.09-		550	25	PAG46	110
Sportage I (K00)		2001-04.04		700	25	PAG46	130
Sportage II (JE)	Petrol	09.04-2010		510	25	PAG46	130
Sportage II (JE)	Diesel	09.04-2010		510	25	PAG46	200
Venga (YN)		02.10-		550	25	PAG46	110

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## LANCIA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Delta III (844)		09.08-		500	40	PAG46	130
Lybra (839AX/839BX)	1.6i	07.99-2005		700	25	PAG150	265
Lybra (839AX/839BX)	1.8i/1.9 JTD/2.0i	07.99-2005		700	25	PAG100	135
Lybra (839AX/839BX)	2.4 JTD	07.99-2005		700	25	PAG46	120
Musa (350)		10.04-		500	40	PAG46	130
Phedra (179)		09.02-11.10	=> Peugeot 807/Citroen C8/Fiat Ulysse	600	25	PAG46	130
Thesis (841AX)		07.02-06.09		650	25	PAG46	140
Ypsilon (843)		10.03-12.11		500	40	PAG46	130

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## LAND ROVER

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Defender (LD)	TD4	05.07-		600	25	PAG46	130
Defender (LD)	TD5	06.98-2007		750	50	PAG46	240
Discovery II (LJ/LT)		11.98-06.04		700	25	PAG46	180
Discovery II (LJ/LT)		11.98-06.04	+ Rear evaporator	900	25	PAG46	210
Discovery III (TAA)		07.04-		600	25	PAG46	130
Discovery III (TAA)		07.04-	+ Rear evaporator	900	50	PAG46	180
Freelander I (LN)		2000-2006		540	25	PAG46	130
Freelander I (LN)	2.5i V6	2000-2006		430	20	PAG46	130
Freelander II (FA)	Diesel	10.06-		730	20	PAG46	200
Freelander II (FA)	Petrol	10.06-		730	20	PAG46	150
Range Rover III (LM)		03.02-2005		510	10	PAG46	110
Range Rover Sport (LS)		02.05-		600	10	PAG46	130
Range Rover Sport (LS)	3.6 TD8	04.06-		700	10	PAG46	130
Range Rover Sport (LS)	3.6 TD8	04.06-	+ Rear evaporator	880	10	PAG46	170
Range Rover Sport (LS)	5.0i V8	07.09-		750	20	PAG46	150
Range Rover Sport (LS)	5.0i V8	07.09-	+ Rear evaporator	930	20	PAG46	200

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## LEXUS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
GS300/GS400/GA430 (JZS160)		08.97-03.05		600	50	PAG46	150
GS300/GS430/GS460 (GWS/GRS/UZS)		04.05-2012		450	50	PAG46	130
GS450h (GWS/GRS/UZS)	Hybrid	02.06-2012		450	50	ND11	120
IS200/IS300 + SportCross (GXE10)		04.99-2005		600	50	PAG46	150
IS200D/220D/IS250/IS F (XE2/SE2)		10.05-		430	30	PAG46	See manual
LS430 (FE)		10.00-2006		650	50	PAG46	See manual
LS430 (FE)		10.00-2006	+ Rear evaporator	900	50	PAG46	See manual
RX300/RX350 (XU1)		07.00-05.03		650	50	PAG46	135
RX300/RX350 (MCU)		04.03-2009		600	50	PAG46	135
RX400h (MCU)	Hybrid	09.04-2009		600	50	ND11	125
RX350 (AGL1/GGL1/GYL1)		04.09-		600	50	PAG46	135
RX450h (AGL1/GGL1/GYL1)	Hybrid	04.09-		600	50	ND11	120

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## MAN TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
F 2000		1999-2007	PF condenser	950	50	PAG46	180
LE 2000		09.99-2005	PF condenser	950	50	PAG46	180
M 2000 L + M		1999-12.05	PF condenser	950	50	PAG46	180
TGA		03.00-		900	50	PAG46	250
TGA		03.00-	With parking AC	1050	50	PAG46	280
TGL		04.05-		650	50	PAG46	150
TGM		10.05-		750	50	PAG46	150
TGS		08.07-		950	50	PAG46	200
TGS		08.07-	With parking AC	1050	50	PAG46	250
TGX		09.07-		950	50	PAG46	200
TGX		09.07-	With parking AC	1050	50	PAG46	250

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MAZDA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
2 (DY)		04.03-2007		650	25	PAG46	200
2 (DE)		10.07-		480	20	PAG46	110
3 (BK)		10.03-2009		500	25	PAG46	120-150
3 (BK)	1.6 Di Turbo	06.04-2009		650	25	PAG46	200
3 (BL)		06.09-		460	25	PAG46	130
5 (CR19)		03.05-2010		500	25	PAG46	150
6 (GG/GY)		06.02-2008		470 (RHD 430)	20	PAG46	135
6 (GH)		08.07-		525	25	PAG46	120
121 III (JASM/JBSM)		03.96-2003	=> Ford Fiesta IV	740	20	PAG46	200
323 F VI (BJ)		09.98-05.04		600 (RHD 625)	25	PAG46	150
BT-50 (CD)		12.06-		475	25	PAG46	180
B-Series (UN)		02.99-03.05		550	25	PAG46	180
CX-7 (ER)		11.06-		500	25	PAG46	150
CX-9		01.07-		675	25	PAG46	160
Demio (DW)		08.98-12.02		650 (RHD 600)	25	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MAZDA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
E-Series (SD1/SL/SR2)		1995-09.04		550	25	PAG46	150
MPV II (LW)		08.99-02.02		650	25	PAG46	160
MPV II (LW)		08.99-02.02	+ Rear evaporator	850	25	PAG46	180
MPV II (LW)		03.02-2006		600	25	PAG46	160
MPV II (LW)		03.02-2006	+ Rear evaporator	800	25	PAG46	180
MX-5 III (NC)		03.05-		450	20	PAG100	130
Premacy (CP)		07.99-03.05		650	25	PAG46	150
RX-8 (SE17)		10.03-06.12		430	15	PAG46	60
Tribute (EP)		03.00-2008	=> Ford Maverick II/III	850	25	PAG46	265

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MERCEDES

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
A-Class (W168)		07.97-08.04		600	30	PAG46	100
A-Class (W169)		09.04-04.12		770	30	PAG46	120
A-Class (W169)	200 CDI/ 200 Turbo	09.04-04.12		840	30	PAG46	120
B-Class (W245)		03.05-06.11		770	30	PAG46	120
B-Class (W245)	200 CDI/ 200 Turbo	03.05-06.11		840	30	PAG46	120
B-Class (W246)		11.11-		650	10	PAG46	120
C-Class (S202/W202)		03.93-03.01	> VIN 1A168524/1F164269	950	25	PAG46	155
C-/CLK-Class (C208/S202/W202)		03.93-07.02	VIN 1A168524/1F164270 >	850	25	PAG46	155
C-/CLC-/CLK-Class		05.00-04.04		725	25	PAG46	120
C-/CLC-/CLK-Class		05.04-02.11		850	25	PAG46	120
C-Class (C204/S204/W204)		01.07-		590	10	PAG46	120
CL-Class/S-Class Coupe (C215)		03.99-03.06		950	25	PAG46	120
CL-Class/S-Class Coupe (C216)		05.06-		1070	30	PAG46	110
CLS (C219)		10.04-07.10		950	25	PAG46	120
CLS (C218)		01.11-		590	10	PAG46	120

**Viscosity of PAG (PolyAlkylenGlycol) oil:**

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MERCEDES

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
E-Class (S210/W210)		06.95-03.03		975	25	PAG46	120
E-Class (S211/W211)		03.02-02.09		950	50	PAG46	120
E-Class (S212/W212)		01.09-		590	10	PAG46	120
E-Class (A207/C207)		01.09-		530	10	PAG46	120
G-Class (W461/W463)		1993-		1050	50	PAG46	120-170
GLK-Class (X204)		06.08-		590	10	PAG46	120
M-Class (W163)		02.98-06.05		750	25	PAG46	170
M-Class (W164)/GL-Class (X164)		07.05-		970	30	PAG46	110
M-Class (W164)/GL-Class (X164)		07.05-	+ Rear evaporator	1220	30	PAG46	150
R-Class (W251/V251)		01.06-		970	30	PAG46	110
R-Class (W251/V251)		01.06-	+ Rear evaporator	1220	30	PAG46	150
S-Class (W220)		10.98-08.05		950	30	PAG46	120
S-Class (W220)		10.98-08.05	+ Rear evaporator	1050	30	PAG46	180
S-Class (W221)		10.05-		1070	30	PAG46	110
S-Class (W221)		10.05-	+ Rear evaporator	1180	30	PAG46	180

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MERCEDES

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
SL (R129)		03.89-10.01		950	25	PAG46	150
SL (R230)		10.01-11.11		920	30	PAG46	120
SLK (R170)		04.96-04.04		850	25	PAG46	120
SLK (R171)		03.04-03.11		670	30	PAG46	120
SLK (R172)		02.11-		590	10	PAG46	120
Sprinter (901/902/903/904/905)		01.95-05.06		860	30	PAG46	120
Sprinter (901/902/903/904/905)		01.95-05.06	+ Rear evaporator	1300	30	PAG46	180
Sprinter (906)		06.06-		790	30	PAG46	130
Sprinter (906)		06.06-	+ Rear evaporator	1180	30	PAG46	190
Vaneo (414)		02.02-07.05		600	10	PAG46	100
Vito/V-Class (638)		02.96-07.03	Denso 7SBU16 comp.	850	20	PAG46	135
Vito/V-Class (638)		02.96-07.03	Denso 10PA17C comp.	920	20	PAG46	120
Vito/V-Class (638)		02.96-07.03	+ Rear evaporator	1100	20	PAG46	175
Vito/Viano (W639)		09.03-		550	10	PAG46	130
Vito/Viano (W639)		09.03-	+ Rear evaporator	840	20	PAG46	190

**Viscosity of PAG (PolyAlkylenGlycol) oil:**

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MERCEDES TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Actros MP2 / MP3		10.02-2011		1150	50	PAG46	180
Actros MP2 / MP3		10.02-2011	With parking AC	1600	50	PAG46	200
Atego		01.98-10.04		1000	50	PAG46	160
Atego II		01.04-		1150	50	PAG46	160
Axor		09.01-10.04		1150	50	PAG46	175
Axor II		10.04-		1100	50	PAG46	150
Econic		03.98-		800	25	PAG46	160
Unimog U300/U500		03.00-2004		1400	50	PAG46	150
Vario		09.96-		1200	50	PAG46	160
Zetros		09.08-		1250	50	PAG46	180

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MINI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Mini/Convertible (R50/R52/R53)		06.01-2006		415	10	PAG46	150
Mini/Clubman/Convertible/Countryman/		09.06-		490	10	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## mitsubishi

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
ASX (GAW)		02.10-		500	20	PAG46	80
Carisma (DA)	Petrol	07.95-06.06		700	20	PAG46	120
Carisma (DA)	Diesel	10.96-06.06		700	20	PAG100	135
Colt V (CJA)		09.95-07.05		575	20	PAG46	60
Colt VI (Z)/CZC (RG)		06.04-2008		430	20	PAG46	100
Colt VII (Z2/CZ)		01.08-		430	20	PAG46	110
Galant VI (EA)		09.96-10.04		690	20	PAG46	120
Galloper (JK-01)		02.99-12.03	=> Hyundai Galloper II	780	20	PAG46	170
Galloper (JK-01)		02.99-12.03	+ Rear evaporator	1175	25	PAG46	220
Grandis (NAW)		04.04-2010		560	20	PAG46	150
Grandis (NAW)		04.04-2010	+ Rear evaporator	750	20	PAG46	190
i-MiEV	Electric	07.09-	=> Citroen C-Zero/Peugeot iOn	325	10	PAG46	100
L200 (KT)		06.96-03.03		575	25	PAG46	180
L 200 (KBT/KAT)		11.05-		555	20	PAG46	130
Lancer VI (CK/PA)		09.95-2003		700	20	PAG46	130
Lancer VII (CSA/W)		09.03-2008		500	20	PAG46	130
Lancer VIII (CY/ZA/CXA)		01.08-		500	20	PAG46	90

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## MITSUBISHI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Outlander I (CU)		02.03-2006		550	20	PAG46	120
Outlander II (CWW)		11.06-	=> Citroen C-Crosser/Peugeot 4007	500	20	PAG46	100
Pajero III/Shogun III (V60/V70)		04.00-2006		525	20	PAG46	125
Pajero III/Shogun III (V60/V70)		04.00-2006	+ Rear evaporator	750	20	PAG46	160
Pajero Sport/Shogun Sport (K90)		11.97-2008		625	25	PAG46	170
Pajero Pinin/Shogun Pinin (H6W/H7W)		03.99-2006		620 (RHD 570)	20	PAG100	160
Pajero IV/Shogun IV (V80/V90)		11.06-		550	20	PAG46	120
Pajero IV/Shogun IV (V80/V90)		11.06-	+ Rear evaporator	870	20	PAG46	160
Space Wagon (N5W)		10.98-2004		575	25	PAG46	80
Space Star (DG0)		06.98-2005		680	20	PAG46	120

## MITSUBISHI FUSO TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Canter		10.97-		675	25	PAG46	130

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## NISSAN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
350Z (Z33)		10.02-2009		550	20	PAG46	160
370Z (Z34)		04.09-		500	10	PAG46	150
Almera II (N16)/Almera Tino (V10)		01.00-11.06		500	50	PAG46	200
Cube (Z12)/Juke	Petrol	03.10-		450	10	PAG100	120
Cube (Z12)/Juke	Diesel	03.10-		450	10	PAG46	135
Kubistar (X76)		08.03-01.09	=> Renault Kangoo I	650	35	PAG46	135
Maxima QX (A33)		04.99-11.03		650	50	PAG46	200
Micra II (K11)		2000-02.03		500	50	PAG46	200
Micra III (K12)	Petrol	01.03-05.10		475	25	PAG100	125
Micra III (K12)	Diesel	01.03-05.10		550	50	PAG100	135
Micra C+C (K12)		08.05-		475	50	PAG100	135
Micra IV (K13)		05.10-		400	10	PAG46	120
Murano (Z50)		03.05-2008		525	25	PAG46	150
Murano (Z51)		11.07-		600	20	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## NISSAN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Navara (D40)		10.04-	Manual AC	1080	50	PAG46	180
Navara (D40)		10.04-	ECC	700	50	PAG46	180
Navara (D40)		10.04-	ECC + Rear evaporator	850	50	PAG46	210
Note (E11)	Petrol	03.06-		475	25	PAG46	100
Note (E11)	Diesel	03.06-		550	50	PAG46	135
Pathfinder (R51)		01.05-		675	25	PAG46	180
Pathfinder (R51)		01.05-	+ Rear evaporator	850	50	PAG46	210
Patrol GR II (Y61)		06.97-2008		800	50	PAG46	300
PickUp (D22)		01.97-		550	50	PAG100	200
PickUp (D22)	2.5 Di	03.02-		600	50	PAG46	200
Pixo (UA0)		03.09-		370	20	PAG46	70
Primera (P12/WP12)		01.02-2007		500	25	PAG46	180
Quashqai (J10/JJ10)		02.07-	> VIN 296964	450	25	PAG46	150
Quashqai (J10/JJ10)		02.07-	VIN 296765 >	500	25	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## NISSAN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Tiida (C11X)	Petrol	09.07-		450	50	PAG100	120
Tiida (C11X)	Diesel	09.07-		450	50	PAG46	120
Terrano II (R20)		10.92-2007		750	50	PAG100	200
X-Trail (T30)		06.01-2007		500	25	PAG46	180
X-Trail (T31)		06.07-		450	20	PAG46	150

## NISSAN TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Atleon		09.00-	> VIN 514109	900	50	PAG46	260
Atleon		09.00-	VIN 514110 >	750	50	PAG46	260
Cabstar E		10.98-10.06		750	50	PAG46	260

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## OPEL / VAUXHALL

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Agila (H00)		09.00-12.07		500	25	PAG46	150
Agila (H08)		04.08-	=> Suzuki Splash	370	20	PAG46	90
Agila (H08)	1.3 CDTi	04.08-	=> Suzuki Splash	370	20	PAG46	120
Ampera		11.11-	=> Chevrolet Volt	950	25	See manual	See manual
Antara	Petrol	05.06-		660	20	PAG46	150
Antara	Diesel	05.06-		520	20	PAG46	150
Astra-F		1994-01.05		700	25	PAG150	295
Astra-G		02.98-2002		700	25	PAG46	120-150
Astra-G		2002-12.09		600	25	PAG46	120-150
Astra-H		03.04-11.10		475	25	PAG46	120-150
Astra-J		12.09-	Manual transmission	600	20	PAG46	120-150
Astra-J		12.09-	Automatic transmission	650	20	PAG46	120-150
Corsa-C/Combo-C	Diesel	09.00-2010		560	20	PAG46	120
Corsa-C/Combo-C	Petrol	09.00-2010		650	25	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## OPEL / VAUXHALL

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Corsa-C/Combo-C	Diesel	09.00-2010		560	20	PAG46	120
Corsa-C/Combo-C	Petrol	09.00-2010		650	25	PAG46	150
Corsa-D	Petrol	07.06-		430	10	PAG46	80
Corsa-D	Diesel	07.06-		520	10	PAG46	80
Corsa-D	1.6i Turbo	02.07-		470	10	PAG46	80
Frontera B		10.98-2003		650	25	PAG100	270
Insignia		07.08-	Sanden comp.	600	20	PAG46	110
Insignia		07.08-	Delphi comp.	600	20	PAG46	150
Meriva		05.03-05.10		690	20	PAG46	120-150
Meriva B		06.10-		580	20	PAG46	120-150
Movano A (E9/F9/H9/J9/U9)		07.98-2010	Delphi comp.	850	25	PAG150	200
Movano A (E9/F9/H9/J9/U9)		07.98-2010	Delphi comp. + Rear evap.	1350	50	PAG150	240
Movano A (E9/F9/H9/J9/U9)		2003-2010	Sanden comp.	850	25	PAG46	150
Movano A (E9/F9/H9/J9/U9)		2003-2010	Sanden comp. + Rear evap.	1350	50	PAG46	240

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## OPEL / VAUXHALL

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Movano B		05.10-		600	20	PAG46	220
Movano B		05.10-	+ Rear evaporator	1000	20	PAG46	240
Omega-B		03.94-07.03		950	25	PAG150	250
Omega-B	2.0 DTi 16V	09.97-09.00		950	25	PAG150	295
Omega-B	2.5 TD	04.94-07.03		950	25	PAG46	155
Tigra Twintop		06.04-		650	20	PAG46	150
Tigra Twintop	1.3 CDTi	06.04-		560	10	PAG46	150
Vectra-B		09.95-07.03		925	25	PAG150	295
Vectra-B	2.0 DTi (X20DTH)	06.97-07.03		750	25	PAG150	295
Vectra-B	2.5i V6	09.95-07.03		925	25	PAG46	120
Vectra-C/Signum		04.02-2008		730	20	PAG46	120
Vectra-C/Signum	V6	08.02-2008		680	20	PAG46	130
Vivaro (E7/F7/J7)		08.01-		725	25	PAG150	220
Vivaro (E7/F7/J7)		08.01-	+ Rear evaporator	1075	25	PAG150	260

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## OPEL / VAUXHALL

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Zafira (F75)		09.01-06.05		600	25	PAG46	120
Zafira (F75)		09.01-06.05	+ Rear evaporator	725	25	PAG46	240
Zafira (F75)	2.0i OPC	09.01-06.05		700	25	PAG46	120
Zafira (F75)	2.0i OPC	09.01-06.05	+ Rear evaporator	800	25	PAG46	240
Zafira-B (A05)		07.05-		475	25	PAG46	120-150

Viscosity of PAG (PolyAlkylenGlycol) oil:

PAG46 = Low

PAG100 = Medium

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# R134a Air Conditioning Filling Chart



## PEUGEOT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
106 II (1)		04.96-2003		860	25	PAG46	135
106 II (1)	1.6 Gti/Diesel	04.96-2003		600	25	PAG46	135
107	1.0i	06.05-	=> Citroen C1/Toyota Aygo	450	25	PAG100	80
107	1.4 HDi	06.05-	=> Citroen C1/Toyota Aygo	500	25	PAG100	80
206 (2A/C)/206 CC (2D)		08.98-2010		700	20	PAG46	135
206 (2A/C)/206 CC (2D)	2.0i/1.6 HDi	08.98-2010		650	20	PAG46	135
207 (WA/WC/WK)/207 CC (WD)		02.06-		450	25	PAG46	135
306 (7A/7B/7C/7E/N3/N5)		1997-04.02		725	25	PAG46	135
307 (3A/C/3E)/307 CC (3B)/307 SW (3H)		08.00-06.04		585	25	PAG46	135
307 (3A/C/3E)/307 CC (3B)/307 SW (3H)		06.04-2008		450	25	PAG46	135
308 (4A/4C)/308 CC/308 SW		09.07-	Denso 5SEL12C comp.	450	25	PAG46	80
308 (4A/4C)/308 CC/308 SW		09.07-		450	25	PAG46	135
3008		06.09-		450	25	PAG46	130
406 (8B/8E/F)/406 Coup • (8C)		1999-12.04	Delphi comp.	625	25	PAG150	265
406 (8B/8E/F)/406 Coup • (8C)		1999-12.04	Sanden comp.	625	25	PAG46	135

**Viscosity of PAG (PolyAlkylenGlycol) oil:**

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## PEUGEOT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
407 (6D)/407 Coup • (6C)/407 SW (6E)	Petrol	05.04-		625	25	PAG46	135
407 (6D)/407 Coup • (6C)/407 SW (6E)	Diesel	05.04-		525	25	PAG46	135
4007 (GP)		02.07-	=> Citroen C-Crosser/Mits. Outlander	500	20	PAG46	100
508/508 SW		11.10-		525	25	PAG46	135
5008		09.09-		450	20	PAG46	130
607 (9D/9U)		01.00-09.10		625	25	PAG46	135
607 (9D/9U) Facelift	3.0i V6/2.2 HDi	11.04-09.10		550	25	PAG46	135
607 (9D/9U) Facelift	2.7 HDi	11.04-09.10		600	25	PAG46	135
806 (221)		06.94-08.02		950	25	PAG46	135
807 (E)		06.02-		600	25	PAG46	135
1007 (KM)		04.05-2009		500	25	PAG46	135
Bipper (AA)/Bipper Tepee		02.08-		500	25	PAG46	135
Boxer II (244)		04.02-2006		550	25	PAG46	135
Boxer II (244)	Petrol	04.02-2006	+ Rear evaporator	925-1100	25	PAG46	200
Boxer II (244)	Diesel	04.02-2006	+ Rear evaporator	825-975	25	PAG46	200

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## PEUGEOT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Boxer III (250)		04.06-		550	25	PAG46	135
Boxer III (250)		04.06-	+ Rear evaporator	950	25	PAG46	200
Expert I (222/223/224)		07.95-12.06	=> Citroen Jumpy I&II/Fiat Scudo I	975	25	PAG46	135
Expert II/Expert Tepee (229/VF3A/VF3U/	Petrol	01.07-		675	25	PAG46	135
Expert II/Expert Tepee (229/VF3A/VF3U/	Diesel	01.07-		540	25	PAG46	135
Expert II/Expert Tepee (229/VF3A/VF3U/	Diesel	01.07-	+ Rear evaporator	900	25	PAG46	175
iOn Electric		11.10-	=> Citroen C-Zero/Mitsubishi i-MiEV	325	10	PAG46	100
Partner I (5/5F) Facelift		2003-2009		575	25	PAG46	135
Partner II/Partner Tepee		04.08-		450	20	PAG46	135
RCZ		03.10-		450	20	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## PORSCHE

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
911 (993)		10.93-09.97		840	20	PAG46	180
911 (996)		09.97-08.05		900	25	PAG46	180
911 (997)		07.04-12.11		875	25	PAG46	180
Boxter (986)		09.96-2004		850	25	PAG46	190
Boxster/Cayman (987)		11.04-		900	25	PAG46	190
Cayenne I (955)		09.02-05.10		725	25	PAG46	180
Cayenne I (955)		09.02-05.10	+ Rear evaporator	1075	25	PAG46	250

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## RENAULT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Avantime (DE0)		09.01-05.03	Delphi V5 comp.	870	35	PAG150	220
Avantime (DE0)		09.01-05.03	Sanden SD7V16 comp.	870	35	PAG46	135
Clio II (BB0/1/2/CB0/1/2/SB0/1/2)		09.98-2005	Sanden SD6 comp.	650	35	PAG46	135
Clio II (BB0/1/2/CB0/1/2/SB0/1/2)		09.98-2005	Sanden SD7 comp.	710	35	PAG46	135
Clio III (BR0/1/CR0/1)		05.05-	Sanden comp.	530	35	PAG46	135
Clio III (BR0/1/CR0/1/KR0/1)		05.05-	Delphi CVC comp.	510	25	PAG46	150
Espace III (JE0)	1.9 dTi/2.2 TD	11.96-10.02		710	30	PAG46	135
Espace III (JE0)	2.0i/2.2 dCi	11.96-10.02		820	30	PAG46	135
Espace III (JE0)	V6 24V	11.96-10.02		890	30	PAG46	135
Espace IV (JK0/1)		11.02-	Delphi comp.	1000	35	PAG46	200
Espace IV (JK0/1)		11.02-	Denso/Calsonic comp.	1000	35	PAG46	220
Fluence (L30)		02.10-		650	35	PAG46	150
Kangoo I (FC0/1/KC0/1)		08.97-2009	=> Nissan Kubistar	650	35	PAG46	135
Kangoo II (FW0/1/KW0/1)		02.08-		550	35	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## RENAULT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Koleos (HY)		09.08-		550	35	PAG46	120
Laguna I (B56/556/K56)		11.93-03.01		700	35	PAG46	135
Laguna II (BG0/1/KG0/1)		03.01-2007	Delphi V5 comp.	650	25	PAG150	250
Laguna II (BG0/1/KG0/1)	2.0i	03.01-2007	Delphi V5 comp.	700	25	PAG150	250
Laguna II (BG0/1/KG0/1)	3.0i V6	03.01-2007	Sanden SD7V16 comp.	650	25	PAG46	135
Laguna III (BT0/1/KT0/1))		10.07-		650	35	PAG46	150
Master II&III (ED/FD/HD/JD/ND/UD)		03.98-2010	Sanden comp.	850	35	PAG46	135
Master II&III (JD/ND)		03.98-2010	Sanden comp. + Rear evap.	1400	35	PAG46	175
Master II&III (ED/FD/HD/JD/ND/UD)		03.98-2010	Delphi V5 comp.	850	35	PAG150	220
Master II&III (JD/ND)		03.98-2010	Delphi V5 comp. + Rear evap.	1400	35	PAG150	260
Master IV (EV/FV/JV/UV)		02.10-		600	20	PAG46	220
Master IV (FV/JV)		02.10-	+ Rear evaporator	1000	20	PAG46	260

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## RENAULT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Megane I (BA0/1/DA0/1/EA0/1/KA0/1/		08.95-08.03	Sanden comp.	750	35	PAG46	135
Megane I (BA0/1/DA0/1/EA0/1/KA0/1/		08.95-08.03	Delphi V5 comp.	750	35	PAG150	220
Megane I (BA0/1/DA0/1/EA0/1/KA0/1/		08.95-08.03	Delphi CVC comp.	700	35	PAG150	150
Megane II (BM0/1/CM0/1/EM0/1/KM0/1/		11.02-2009	Delphi CVC comp.	550	35	PAG150	150
Megane II (BM0/1/CM0/1/EM0/1/KM0/1/	2.0 dCi	11.02-2009	Delphi CVC comp.	650	35	PAG150	150
Megane III (BZ0/DZ0/1/KZ0/1)		11.08-		480	35	PAG46	110
Modus (F/JPO)		12.04-	Sanden SD7V16 comp.	530	35	PAG46	135
Scenic I (JA0/1)		09.99-08.03	Sanden comp.	680 (RHD 780)	35	PAG46	135
Scenic I (JA0/1)		09.99-08.03	Delphi comp.	750 (RHD 850)	30	PAG150	220
Scenic II/Grande Scenic II (JM0/1)		04.04-2009	Delphi V5 comp.	550	35	PAG150	265
Scenic II/Grande Scenic II (JM0/1)		04.04-2009	Delphi CVC comp.	550	35	PAG46	150
Scenic III/Grande Scenic III (JZ0/1)		02.09-	Denso comp.	480	35	PAG46	110-150

**Viscosity of PAG (PolyAlkylenGlycol) oil:**

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# R134a Air Conditioning Filling Chart



## RENAULT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Trafic II (EL/FL/JL)		03.01-	Delphi V5 comp.	750	35	PAG150	220
Trafic II (EL/FL/JL)		03.01-	Delphi V5 comp. + Rear evap.	1150	35	PAG150	270
Trafic II (EL/FL/JL)	1.9 dCi	03.01-	Sanden comp.	750	35	PAG46	135
Trafic II (EL/FL/JL)	1.9 dCi	03.01-	Sanden comp. + Rear evap.	1150	35	PAG46	175
Trafic II (EL/FL/JL)	2.0 dCi	08.06-	Zexel comp.	650	35	PAG46	230
Trafic II (EL/FL/JL)	2.0 dCi	08.06-	Zexel comp. + Rear evap.	950	35	PAG46	280
Twingo I (C06/S06)		05.96-2007	Sanden SD6V12 comp.	700	35	PAG46	135
Twingo II (CN0)		03.07-		430	35	PAG46	135
Twingo II (CN0)	1.6i RS/1.5 dCi	03.07-		510	35	PAG46	135
Vel Satis (BJ0)		06.02-08.09	Delphi V5 comp.	650	35	PAG150	220
Vel Satis (BJ0)		06.02-08.09	Calsonic/Denso/Zexel comp.	650	35	PAG46	230
Wind		07.10-		510	35	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

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# R134a Air Conditioning Filling Chart



## RENAULT TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Kerax		06.97-2002		1400	50	PAG46	175
Kerax		2002-2007		1550	50	PAG46	175
Kerax		2007-		1250	50	PAG46	175
Magnum		09.90-		1450	50	PAG46	165
Mascott	2.8 Diesel	01.99-06.04		900	50	PAG100	150
Mascott	3.0 Diesel	05.04-		750	50	PAG46	135
Midlum		01.00-		1200	50	PAG46	175
Premium		04.96-2006		1400	50	PAG46	165
Premium II		10.05-		1200	50	PAG46	175

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## ROVER / MG

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
25 (RF)/ZR		09.99-05.05	=> MG ZR	640 (RHD 560)	25	PAG46	135
45 (RT)/ZS		02.00-2005	=> MG ZS	640 (RHD 560)	50	PAG46	135
75 (RJ)/ZT/ZT-T		02.99-2005	=> MG ZT/ZT-T	475	25	PAG46	120
MG F/TF(RD)		03.95-2005	Automatic transmission	720	10	PAG100	170
MG F/TF(RD)		03.95-2005	Manual transmission	620	10	PAG100	170
Streetwise		08.03-2005		640 (RHD 560)	25	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## SAAB

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
9-3 (YS3D)		02.98-09.02	Sanden comp.	800	25	PAG46	150
9-3 (YS3D)	Diesel	02.98-09.02	Delphi V5 comp.	800	25	PAG100	220
9-3 II (YS3F)		09.02-2011		680	20	PAG46	135
9-5 (YS3E)		09.97-2005		875	25	PAG46	145
9-5 (YS3E)		2005-02.10		825	25	PAG46	135
9-5 II (YS3G)		05.10-	Sanden comp.	600	20	PAG46	110
9-5 II (YS3G)		05.10-	Delphi comp.	600	20	PAG46	150

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## SCANIA TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
3 - Series		01.88-12.96		800	25	PAG46	175
4 - Series		09.95-09.04		1450	50	PAG46	240
P/G/R/T - Series		03.04-		1250	50	PAG46	240

Viscosity of PAG (PolyAlkylenGlycol) oil:

PAG46 = Low

PAG100 = Medium

PAG150 = High

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# R134a Air Conditioning Filling Chart



## SEAT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Alhambra I (7V8/7V9)		04.96-07.00		975	25	PAG46	135
Alhambra I (7V8/7V9)		04.96-07.00	+ Rear evaporator	1375	25	PAG46	240
Alhambra I (7V8/7V9)	Facelift	08.00-03.10		725	25	PAG46	135
Alhambra I (7V8/7V9)	Facelift	08.00-03.10	+ Rear evaporator	1075	25	PAG46	240
Alhambra II (710)		06.10-	Denso comp.	610	15	PAG46	135
Alhambra II (710)		06.10-	Denso comp. + Rear evaporator	1000	25	PAG46	240
Alhambra II (710)		06.10-	Sanden comp.	610	15	PAG46	110
Alhambra II (710)		06.10-	Sanden comp. + Rear evap.	1000	25	PAG46	210
Altea (5P1)/Altea XL (5P5/5P8)		03.04-	Denso 6SEU comp.	525	25	PAG46	90
Altea (5P1)/Altea XL (5P5/5P8)		03.04-	Denso 7SEU comp.	525	25	PAG46	130-190
Altea (5P1)/Altea XL (5P5/5P8)		03.04-	Sanden/Zexel comp.	525	25	PAG46	100-120
Altea (5P1)/Altea XL (5P5/5P8)		03.04-	Delphi comp.	525	25	PAG150	150
Arosa (6H)		05.97-06.04	Sanden comp./ => VW Lupo	725	25	PAG46	130
Arosa (6H)		05.97-06.04	Denso comp./ VW Lupo	725	25	PAG46	150
Exeo (3R2)/Exeo ST (3R5)		12.08-	=> Audi A4 (B7)	500	15	PAG46	130-180

**Viscosity of PAG (PolyAlkylenGlycol) oil:**

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## SEAT

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Ibiza III (6K1)/Cordoba (6K2/6K5)		06.99-12.02		775 (RHD 915)	25	PAG46	135
Ibiza IV (6L1)/Cordoba (6L2)		02.02-11.09	=> Skoda Fabia I/VW Polo (9N)	550	25	PAG46	150
Ibiza V 6J1/6J5/6J8)		03.08-	Denso comp.	500	15	PAG46	150
Ibiza V (6J1/6J5/6J8)		03.08-	Sanden comp.	500	15	PAG46	110
Inca (6K9)		11.95-06.03		865 (RHD 915)	25	PAG46	125
Leon I (1M1)		11.99-06.06		775	25	PAG46	135
Leon II (1P1)		05.05-	>> See Altea (5P1)!				
Mii		12.11-	=> Skoda Citigo/VW up	380	10	PAG46	100
Toledo II (1M2)		04.99-05.06		775	25	PAG46	135
Toledo III (5P2)		04.04-05.09	>> See Altea (5P1)!				

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## SKODA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Citigo		12.11-	=> Seat Mii/VW Up	380	10	PAG46	100
Fabia I (6Y2/6Y3/6Y5)		08.99-03.08	=> Seat Ibiza IV/Cordoba/VW Polo (9N)	550	25	PAG46	150
Fabia II		12.06-	Denso comp.	500	15	PAG46	150
Fabia II		12.06-	Sanden comp.	500	15	PAG46	110-150
Octavia I (1U2/1U5)		09.96-2010		775	25	PAG46	135
Octavia II (1Z3/1Z5)		02.04-	Denso 6SEU	525	25	PAG46	90
Octavia II (1Z3/1Z5)		02.04-	Denso 7SEU comp.	525	25	PAG46	130-190
Octavia II (1Z3/1Z5)		02.04-	Sanden/Zexel comp.	525	25	PAG46	100-120
Octavia II (1Z3/1Z5)		02.04-	Delphi comp.	525	25	PAG150	150
Roomster (5J)		05.06-	>> See Fabia II				
Superb (3U4)		02.02-03.08		600	25	PAG46	250
Superb (3T4/3T5)		03.08-	>> See Octavia (1Z3/1Z5)!				
Yeti (5L)		05.09-	>> See Octavia (1Z3/1Z5)!				

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## SMART (MCC)

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Fortwo Cabrio/City Coupe/Crossblade (450)		07.98-01.04		620	10	PAG46	180
Fortwo Cabrio/Fortwo City (450/451)		01.04-		450	10	PAG46	180
Forfour (454)		01.04-06.06		440	10	PAG46	100
Roadster/Roadster Coupe (452)		04.03-12.05		620	10	PAG46	180

Viscosity of PAG (PolyAlkylenGlycol) oil:

PAG46 = Low

PAG100 = Medium

PAG150 = High

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# R134a Air Conditioning Filling Chart



## SSANGYONG

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Actyon		11.05-		650	30	PAG100	See manual
Korando (KJ)/Musso (FJ)		02.95-2006		700	50	PAG100	200
Kyron		05.05-		650	30	PAG100	See manual
Rexton I & II (GAB)		04.02-		850	50	PAG150	200
Rexton I & II (GAB)		04.02-	+ Rear evaporator	1200	50	PAG150	265
Rodius		05.05-2008		1050	30	PAG150	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## SUBARU

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Forester (SG)		07.02-2008		600	50	PAG100	145
Forester (SH)		01.08-		500	30	PAG100	See manual
Impreza (GD/GG)		10.00-2008		500	50	PAG100	250
Impreza (GR)		01.08-		500	30	PAG100	See manual
Justy III (G3X)		09.03-2007	=> Suzuki Ignis	430	20	PAG46	90
Justy IV		01.07-02.10	=> Daihatsu Sirion	300	30	PAG46	See manual
Legacy III/Outback (BE/BH)		10.98-08.03		650 (RHD 450)	50	PAG100	See manual
Legacy IV/Outback (BL/BP)		09.03-09.09		430	20	PAG46	See manual
Legacy V/Outback (BM/BR)		09.09-		430	20	PAG46	See manual
Trezia		03.11-	=> Toyota Verso-S	430	30	PAG46	See manual
Tribeca (B9)		01.05-2010		600	30	PAG46	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## SUZUKI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Alto IV (FF)		06.02-2006		400	50	PAG46	110
Alto V (GF)		01.09-		370	20	PAG46	120
Grand Vitara (FT/GT)	1.6i/2.0i/2.5i/2.0TD	2000-2005	Seiko Seiki comp.	440	50	PAG46	120
Grand Vitara (FT/GT)	1.6i/2.0i/2.5i/2.0TD	2000-2005	Denso comp.	440	50	PAG46	90
Grand Vitara XL-7 (FT/GT)	2.7i V6	09.01-09.05		500	50	PAG46	100
Grand Vitara XL-7 (FT/GT)	2.7i V6	09.01-09.05	+ Rear evaporator	750	50	PAG46	140
Grand Vitara (JT)		04.05-		570	30	PAG46	120-160
Ignis (FH)		10.00-12.05		360	30	PAG46	120
Ignis II	1.3i/1.5i	09.03-2008	=> Subaru Justy III	430	20	PAG46	90
Ignis II	1.3 DDiS	09.03-2008	=> Subaru Justy III	480	20	PAG46	100
Jimny (FJ)		09.98-		550	50	PAG46	120
Jimny (FJ)	1.3i 16V (M13A)	08.05-		430	30	PAG46	120
Kizashi (FR)		10.10-		530	30	PAG46	150
Liana (ER)		07.01-2007		500	30	PAG46	100

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## SUZUKI

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Splash		01.08-	=> Opel Agila II	370	20	PAG100	90
Splash	1.3 CDTI	01.08-	=> Opel Agila II	370	20	PAG100	120
Swift IV (MZ/EZ)		02.05-10.10		370	20	PAG46	50
Swift IV (MZ/EZ)	1.3 DDiS	08.05-10.10		370	20	PAG46	100
Swift V (FZ/NZ)		10.10-		370	20	PAG46	60
SX4 (GY)		06.06-	=> Fiat Sedici	430	20	PAG46	50-80
Wagon R+ (MM)		05.00-03.06		480	20	PAG46	120

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## TOYOTA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Auris (ZE15/RE15)		10.06-		440	30	PAG46	50
Avensis (T22)		09.97-02.03		440	30	PAG46	See manual
Avensis (T25)		04.03-01.09		440	30	PAG46	See manual
Avensis (T27)		02.09-		440	30	PAG46	See manual
Avensis Verso (ACM2)		08.01-2009		500	30	PAG46	See manual
Avensis Verso (ACM2)		08.01-2009	+ Rear evaporator	800	30	PAG46	See manual
Aygo (B10)	1.0i	07.05-	=> Citroen C1/Peugeot 107	450	25	PAG100	80
Aygo (B10)	1.4 HDi	07.05-	=> Citroen C1/Peugeot 107	500	25	PAG100	80
Camry III (XV30)		08.01-2004		550 (RHD 480)	30	PAG46	See manual
Celica (ZZT23)		11.99-2005		430	30	PAG46	120
Corolla (E12)		11.01-2007		450	30	PAG46	70
Corolla Verso (E12)		09.01-05.04		530	30	PAG46	70
Corolla Verso (ZER/ZZE/R1)		03.04-2009		440	30	PAG46	110
Hilux II		1997-07.05		550	50	PAG46	110
Hilux III		08.05-2010		450	30	PAG46	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

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# R134a Air Conditioning Filling Chart



## TOYOTA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
IQ (GJ1/AJ1)		01.09-		360	30	PAG46	See manual
Land Cruiser/Land Cruiser Amazon (J10)		01.98-2007		750	50	PAG46	See manual
Land Cruiser/Land Cruiser Amazon (J10)		01.98-2007	With Coolbox	850	50	PAG46	See manual
Land Cruiser/Land Cruiser Amazon (J10)		01.98-2007	+ Rear evaporator	1050	50	PAG46	See manual
Land Cruiser/Land Cruiser Amazon (J10)		01.98-2007	With Coolbox + Rear evap.	1150	50	PAG46	See manual
Land Cruiser (J12/J15)		04.02-07.04		650	30	PAG46	125
Land Cruiser (J12/J15)		04.02-07.04	With Coolbox	750	30	PAG46	125
Land Cruiser (J12/J15)		04.02-07.04	+ Rear evaporator	800	30	PAG46	180
Land Cruiser (J12/J15)		04.02-07.04	With Coolbox + Rear evap.	900	30	PAG46	180
Land Cruiser (J12/J15)		07.04-2009		600	30	PAG46	125
Land Cruiser (J12/J15)		07.04-2009	With Coolbox	700	30	PAG46	125
Land Cruiser (J12/J15)		07.04-2009	+ Rear evaporator	750	30	PAG46	180
Land Cruiser (J12/J15)		07.04-2009	With Coolbox + Rear evap.	850	30	PAG46	180

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

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# R134a Air Conditioning Filling Chart



## TOYOTA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Land Cruiser (J20)		01.08-	16mm PF cond.	780	20	PAG46	135
Land Cruiser (J20)		01.08-	16mm PF cond. + Rear evap.	920	30	PAG46	135
Land Cruiser (J20)		01.08-	16mm PF cond. + Coolbox + Rear evap.	970	30	PAG46	135
Land Cruiser (J20)		01.08-	22mm condenser	870	30	PAG46	135
Land Cruiser (J20)		01.08-	22mm cond. + Rear evap.	960	30	PAG46	135
Land Cruiser (J20)		01.08-	22mm cond. + Coolbox + Rear evap.	1010	30	PAG46	135
MR2 III (W3)		04.00-2005		500	30	PAG46	120
Previa (CLR3/ACR3)		06.00-2006		700	30	PAG46	120
Previa (CLR3/ACR3)		06.00-2006	+ Rear evaporator	880	30	PAG46	160
Prius I (NHW11)		05.00-01.04		500	50	PAG46	120
Prius II (NHW20)		08.03-2009		450	30	ND11	See manual
Prius III (ZVW30)		01.09-		470	30	ND11	See manual
RAV4 II (XA2)		06.00-01.06		510	30	PAG46	120
RAV4 III (ZSA/ACA/ACE/ALA/GSA3)		11.05-		430	30	PAG46	130

Viscosity of PAG (PolyAlkylenGlycol) oil:

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# R134a Air Conditioning Filling Chart



## TOYOTA

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Urban Cruiser (NCP11)		04.09-		360	30	PAG46	65
Verso (ZGR2)		04.09-		440	30	PAG46	See manual
Verso-S (NCP12_/NSP12_)		11.10-	=> Subaru Trezia	430	30	PAG46	See manual
Yaris/Vitz (P1)		04.99-2005		420	30	PAG46	100
Yaris/Vitz (P9)		11.05-2010		360	30	PAG46	See manual
Yaris/Vitz (P13)		12.10-		360	30	PAG46	See manual
Yaris Verso (NC/LP2)		11.99-2005		410	30	PAG46	See manual
Yaris Verso (NC/LP2)	1.4 D	11.99-2005		440	30	PAG46	See manual

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## VOLKSWAGEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Amarok		09.10-		525	25	PAG46	140
Beetle (5C1)		10.11-	>> See Golf V				
Bora (1J2/1J6)		08.97-06.06	Sanden SD7V16 comp.	775	25	PAG46	135
Caddy II (9K9A/9K9B)		11.95-01.04	=> Seat Inca	860	15	PAG46	115
Caddy III (2KA/2KB/2KJ/2KH/2CA/2CH)		03.04-	Denso 6SEU comp.	525	25	PAG46	90
Caddy III (2KA/2KB/2KJ/2KH/2CA/2CH)		03.04-	Denso 7SEU comp.	525	25	PAG46	130-190
Caddy III (2KA/2KB/2KJ/2KH/2CA/2CH)		03.04-	Sanden/Zexel comp.	525	25	PAG46	100-120
Caddy III (2KA/2KB/2KJ/2KH/2CA/2CH)		03.04-	Delphi comp.	525	25	PAG46	150
Eos (1F7/1F8)		03.06-	>> See Caddy III				
Fox (5Z1/5Z3)		04.05-		450	25	PAG46	150
Golf III (1E7/1H1/1H5)/Vento (1H2)		08.91-04.99	Delphi Harrison comp.	825	25	PAG150	265
Golf III (1E7/1H1/1H5)/Vento (1H2)		08.91-04.99	Sanden comp.	825	25	PAG46	135
Golf IV (1J1/1J5)		08.97-06.06	Sanden SD7V16 comp.	775	25	PAG46	135

Viscosity of PAG (PolyAlkylenGlycol) oil:

**PAG46 = Low**

**PAG100 = Medium**

**PAG150 = High**

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# R134a Air Conditioning Filling Chart



## VOLKSWAGEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Golf V (1K1/1K5)/Golf VI (5K1/517/AJ5)/		10.03-	Denso 6SEU comp.	525	25	PAG46	90
Golf V (1K1/1K5)/Golf VI (5K1/517/AJ5)/		10.03-	Denso 7SEU comp.	525	25	PAG46	130-190
Golf V (1K1/1K5)/Golf VI (5K1/517/AJ5)/		10.03-	Sanden/Zexel comp.	525	25	PAG46	100-120
Golf V (1K1/1K5)/Golf VI (5K1/517/AJ5)/		10.03-	Delphi comp.	525	25	PAG46	150
Jetta III (1K2)/Jetta IV (162)		08.05-	>> See Golf V				
LT II (2DM/2DX0AE/2DX0FE)		04.96-07.06	Denso comp.	775	25	PAG46	175
LT II (2DM/2DX0AE/2DX0FE)		04.96-07.06	Sanden comp.	775	25	PAG46	135
Lupo (6X1/6E1)		09.98-07.05	Sanden comp./ => Seat Arosa	725	25	PAG46	130
Lupo (6X1/6E1)		09.98-07.05	Denso comp./ => Seat Arosa	725	25	PAG46	150
New Beetle (1C1/1Y7/9C1)		01.98-07.10		725	25	PAG46	135
Passat (3B2/3B5/B5)		08.96-11.00		725	25	PAG46	260
Passat (3B3/3B6/B5)		11.00-08.05		600	25	PAG46	260

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## VOLKSWAGEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Passat (3C2/3C5/B6)/Passat CC		03.05-11.10	Sanden comp.	600	25	PAG46	110
Passat (3C2/3C5/B6)/Passat CC		03.05-11.10	Denso comp.	600	25	PAG46	160
Passat (362/365/B7)		08.10-	Sanden comp.	600	25	PAG46	110
Passat (362/365/B7)		08.10-	Denso comp.	600	25	PAG46	160
Phaeton (3D2)		04.02-		600	25	PAG46	200
Polo (9N)		10.01-05.09	=> Seat Ibiza IV/Cordoba/Skoda Fabia I	550	25	PAG46	150
Polo (6R)		06.09-	Delphi comp.	500	15	PAG46	110
Polo (6R)		06.09-	Denso comp.	500	15	PAG46	80
Polo/Polo Classic (6KV2/6KV5)		11.95-07.02		865	15	PAG46	135
Scirocco III (137)		05.08-		525	25	PAG46	90
Sharan (7M8/7M9/7M6)		05.95-04.00		975	25	PAG46	135
Sharan (7M8/7M9/7M6)		05.95-04.00	+ Rear evaporator	1375	25	PAG46	240
Sharan (7M8/7M9/7M6)		04.00-03.10		725	25	PAG46	135
Sharan (7M8/7M9/7M6)		04.00-03.10	+ Rear evaporator	1075	25	PAG46	240

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# R134a Air Conditioning Filling Chart



## VOLKSWAGEN

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Sharan (7N)		05.10-		600	25	PAG46	135
Sharan (7N)		05.10-	+ Rear evaporator	1000	25	PAG46	220
Tiguan (5N)		09.07-	Sanden comp.	660	20	PAG46	110
Tiguan (5N)		09.07-	Denso comp.	660	20	PAG46	160
Touareg (7LA/7L6/7L7)		10.02-10.04	Denso 7SEU16C comp.	700	50	PAG46	200
Touareg (7LA/7L6/7L7)		10.02-10.04	Denso 7SEU16C comp. + Rear evap.	1050	50	PAG46	300
Touareg (7LA/7L6/7L7)		11.04-05.10	Denso 7SEU17C comp.	700	50	PAG46	150
Touareg (7LA/7L6/7L7)		11.04-05.10	Denso 7SEU17C comp. + Rear evap.	1050	50	PAG46	240
Touareg (7P5)		01.10-	Denso 7SEU16C comp.	850	50	PAG46	140
Touareg (7P5)		01.10-	Denso 7SEU16C comp. & Rear evap.	1100	50	PAG46	240
Touran (1T1/1T2/1T3)		02.03-	>> See Caddy III				
Transporter IV/T4 (70X/7D)		07.90-04.03		975	25	PAG46	135
Transporter IV/T4 (70X/7D)		07.90-04.03	+ Rear evaporator	1375	25	PAG46	240
Transporter IV/T4 (70X/7D)		07.90-04.03	Long version + Rear evap.	1425	25	PAG46	240

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# R134a Air Conditioning Filling Chart



## VOLKSWAGEN

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
Transporter/Multivan V/T5 (7E/7H/7J)		04.03-	Denso comp.	650	50	PAG46	200
Transporter/Multivan V/T5 (7E/7H/7J)		04.03-	Denso comp. + Rear evaporator	950	50	PAG46	300
Transporter/Multivan V/T5 (7E/7H/7J)		04.03-	Sanden comp.	650	50	PAG46	135
Transporter/Multivan V/T5 (7E/7H/7J)		04.03-	Sanden comp. + Rear evap.	1050	50	PAG46	240
Up		12.11-	=> Seat Mii/Skoda Citigo	380	10	PAG46	100

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# R134a Air Conditioning Filling Chart



## VOLVO

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
850 (LS/LW)		06.91-10.97		800	25	PAG100	160
C30		10.06-		550	25	PAG46	190
C70 I		03.97-09.02		800	25	PAG46	200
C70 II		03.06-		575	25	PAG46	190
S40/V40 I (VS/VW)		07.95-06.04		900	25	PAG46	180
S40/V40 I (VS/VW)	1.8 GDI	1999-06.04		850	25	PAG46	160
S40/V40 I (VS/VW)	1.9 Di	03.99-06.04		850	25	PAG46	135
S40 II (MS)/V50 (MW)		01.04-		535	35	PAG46	200
S60 I/V70 II (P80)/V70 XC/XC70 Cross Coun-		03.00-2007		975	25	PAG46	180
S60 I/V70 II (P80)/V70 XC/XC70 Cross Coun-		2007-01.09		775	25	PAG46	180
S60 II/XC60/V60/V70 III (P24)/XC70 II		08.07-		775	25	PAG46	180
S70/V70 I (P80)		11.96-12.98	Zexel DKS15CH comp.	775	25	PAG100	160
S70/V70 I (P80)		12.98-11.00	Zexel DKS15CH direct mount comp.	775	25	PAG46	200

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# R134a Air Conditioning Filling Chart



## VOLVO

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
S80 I (TS/XY)		05.98-07.06		975	25	PAG100	180
S80 II		03.06-		650	25	PAG46	180
S90/V90		11.96-12.98	Zexel comp.	900	25	PAG100	200
S90/V90		11.96-12.98	Sanden comp.	900	25	PAG46	240
V70 III (P24)	1.6i/2.0i/T4	08.07-		700	25	PAG46	180
XC90		10.02-2005		1000	25	PAG46	180
XC90		10.02-2005	+ Rear evaporator	1300	25	PAG46	200
XC90		2005-2010		700	25	PAG46	180
XC90		2005-2010	+ Rear evaporator	1050	25	PAG46	200

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# R134a Air Conditioning Filling Chart



## VOLVO TRUCKS

Model	Specific Model/Type	Date of Manufacture	Information	R134a (grams)	+/- grams	ISO	+/- 10ml
FE - Series		05.06-		1250	50	PAG46	175
FH 13		09.05-		1200	50	PAG46	200
FH 12/FH 16		08.93-		1150	50	PAG46	175-200
FL I - Series		09.85-03.00		1150	50	PAG46	175
FL II - Series		05.06-		1200	50	PAG46	175
FM I - Series		08.98-09.05		1150	50	PAG46	175
FM II - Series		09.05-		1250	50	PAG46	175
FMX - Series		04.10-		1200	50	PAG46	175

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