R134a/R1234yf AIR CONDITIONING FILLING CHART >

NRF™

NOTE: Bold and red printed information is always related to other information in the same data row!

	Engine	15		Refrigerant	± gr	OE Oil	ISO Oil	± 10ml
ALFA ROMEO								
147 (937)		10.00-12.10		R134a	550 ±25	SP-10	PAG46	130
156 (932 Facelift)		03.02-05.06	Cond. with integrated dryer	R134a	500 ±25	SP-10	PAG46	130
159 (939)		06.05-12.12		R134a	460 ±30	ZXL100PG	PAG46	150
166 (936)		06.02-06.07	Cond. with integrated dryer	R134a	650 ±25	SP-10	PAG46	130
Brera/Spider (939)		01.06-05.11		R134a	460 ±30	ZXL100PG	PAG46	150
Giulia (952)		10.16-		R1234yf	535 ±20	ND-12	PAG46yf	130
Giulietta (940)		04.10-		R134a/ R1234yf	450/420 ±20	DH-PS/DH-PSD1	PAG46/ PAG46yf	130
Q1 (937)		11.03-09.10		R134a	500 ±40	SP-10	PAG46	130
GTV/Spider (916)	V6	05.98-04.05		R134a	725 ±25	ND-9/SP-10	PAG100/PAG46	160/240
Mito (955)		09.08-		R134a	450 ±40	ND-9/SP-10	PAG46	130
Stelvio (949)		12.16-		R1234yf	535 ±20	ND-12	PAG46yf	130
AUDI								
A1 (8X/8XA/8XF/8XK)		05.10-10.18		R134a/ R1234yf	500/450 ±15	ND-12/SP-A2	PAG46yf	75/110
A1 (GBA)		07.18-	Denso 6SES14/Sanden PXE14 comp.	R1234yf	450 ±15	ND-12/SP-A2	PAG46yf	75/110
A2 (8Z0)		02.00-08.05	2001.07 >	R134a	525/500 ±25	ND-8	PAG46	180
A3/S3 (8L/))		09.96-06.03	Sanden 5DTV16/Zexel comp.	R134a	775 ±25	SP-10/ZXL100PG	PAG46	125/135
A3/RS3 (8P/8P7/8PA)		05.03-06.13	Denso 6SEU14/Denso 7SEU17 comp.	R134a	525 ±25	ND-8	PAG46	90/140
A3/RS3 (8P/8P7/8PA)		05.03-05.13	Denso 7SEU16>7SEU17 comp. 3D0820803>	R134a	525 ±25	ND-8	PAG46	180
A3/RS3 (8P/8P7/8PA)		05.03-05.13	Delphi CVC/Sanden PXE/Zexel comp.	R134a	525 ±25	DH-PS/SP-10/ZXL100PG	PAG46	110/120
A3/S3/RS3 (8V/8V7/8PA/8VE/8VF/8VK/8VM/8VS)		04.12-	Denso 6SES14/Delphi CVC/ Sanden PXE14 comp.	R134a/ R1234yf	500/460 ±15	ND-12/SP-A2	PAG46yf	75/110
A3 (8VA/8VF)	e-tron (1.4TFSI Hybrid)	05.14-	HVCC electric comp.	R134a/ R1234yf	500/450 ±15	SP-A2	PAG46yf	120
A4/S4/RS4 (8E2/8E5/8E)		11.00-12.04	> 01.2004	R134a	500 ±20	ND-8	PAG46	120/180
A4/S4/RS4 (8EC/8ED/B7)	RS4	11.04-06.08		R134a	500/440 ±20	ND-8	PAG46	120/130
A5/S4/RS4 (8K2/8K5/8RH/8B)		08.07-02.12		R134a	500 ±20	ND-8	PAG46	150
A4/S4/RS4 (8K2/8K5/8KH/B8)		03.12-12.15	Denso/Keihin/Showa cond.	R134a	550/630 ±15	ND-8	PAG46	110
A4 (8W2/8W5/8WH/8I9)		05.15-	Denso 6SAS14/6SES14/Sanden PXE 14 comp.	R134a/ R1234yf	590/525 ±15	ND-12/SP-A2	PAG46yf	100/110
A5/S5/RS5 (8T3/8F7/8TA)	RS5 03/10-	05.07-02.12		R134a	600/570 ±20	ND-8	PAG46	150
A5/S5/RS5 (8T3/8F7/8TA)		03.12-01.17		R134a/ R1234yf	550-630/525 ±15	ND-8/ND-12	PAG46/ PAG46yf	110
A5/S5/RS5 (F53/F57/F5A)		06.16-	Denso 6SAS14/6SES14/Sanden PXE comp.	R134a/ R1234yf	590/525 ±15	ND-12/SP-A2	PAG46yf	100/110
A6/S6/RS6 (4B2/4B5/C5)		04.97-08.98	20mm PF condenser	R134a	825 ±25	ND-8	PAG46	250-300
A6/S6/RS6 (4B2/4B5/C5)	4 cyl. / 6-cyl gasoline engines	08.98-04.99	20mm PF condenser	R134a	775 ±25	ND-8	PAG46	220-300
A6/S6/RS6 (4B2/4B5/C5)		08.98-01.05	18mm/20mm PF condenser	R134a	675/725 ±25	ND-8	PAG46	220-300
A6/S6/RS6 (4F2/4F5/C6)		05.04-03.11		R134a	530 ±20	ND-8	PAG46	130
A6/S6/RS6 (4G2/4G5/4G7/4GD/4GH/4GJ/C7)		11.10-09.18		R134a/ R1234yf	570/530 ±20	ND-8/ND-12	PAG46/ PAG46yf	120
A7 Sportback (4GA/4GF)		10.10-05.18		R134a/ R1234yf	570/530 ±20	ND-8/ND-12	PAG46/ PAG46yf	120
A8/S8 (4E2/4E8)		10.02-07.10	> 12.2003	R134a	620 ±20	ND-8	PAG46	150/200
A8/S8 (4H2/4H8/4HC/4HL)		11.09-04.14	> Rear evap.	R134a	780/930 ±20	ND-8	PAG46	130
A8/S8 (4H2/4H8/4HC/4HL)	4.2 TDI	11.09-04.14	> Rear evap.	R134a	740/915 ±15	ND-8	PAG46	180
A8/S8 (4H2/4H8/4HC/4HL)	4.2 TDI	10.13-01.18	> Rear evap.	R1234yf	700/890 ±15	ND-12	PAG46yf	110/130
Q2 (GA8)		06.16-	Sanden PXE14/Delphi CVC/ Denso 6SES14 comp.	R1234yf	460 ±15	SP-A2/DH-PSD1/ND-12	PAG46yf	75/110
Q3 I (8U8/8UG)		06.11-	Sanden PXE14 comp./ Denso 6SES14 comp.	R134a/ R1234yf	520/530 ±15	SP-A2/ND-12	PAG46yf	75/110
Q5 I (8RB)		09.08-06.12	Denso 6SEU14 comp.	R134a	600 ±20	ND-8	PAG46	150
Q5 I (8RB)		07.12-	Denso 6SAS14C/6SES14C comp.	R134a/ R1234yf	550/520 ±15	ND-8/ND-12	PAG46/ PAG46yf	110
Q5 I (8RB)	Hybrid	06.11-06.12	Denso electric comp.	R134a	840 ±20	ND-11	POE	200
Q5 I (8RB)	Hybrid	07.12-	Denso electric comp.	R134a/ R1234yf	900/See OE! ±15	ND-11/ND-14	POE/POEyf	200/See OE!
Q5 II (FYB)		05.16-	Denso 6SAS14/6SES14/ Sanden PXE comp.	R1234yf	525 ±15	ND-12/SP-A2	PAG46yf	100/110
Q7 I (4L8)		03.06-08.15	> Rear evap.	R134a	700/1050 ±50	ND-8	PAG46	150/250
Q7 I (4M8)		01.15-	> Rear evap.	R134a	700/950 ±15	ND-8	PAG46	150/250
Q7 II (4M8)	e-tron/Hybrid	08.15-	Sanden electric comp.	R1234yf/ R134a	650/850 ±15	ND-12/ SP-A2	PAG46yf/ PAG46	110/140
R8 (422/423)		04.07-07.15		R134a	650 ±20	ND-8	PAG46	150
R8 (4S3/4S9)		07.15-		R1234yf/ R134a	520/750 ±15	ND-12/ ND-8	PAG46yf/ PAG46	110/150
TT/TTS (8N3/8N9)		10.98-06.06	Cond. 20 mm/16 mm	R134a	775 ±25/650 ±20	SP-10	PAG46	135
TT/TTRS (8J3/8J9)		08.06-06.14	Denso 6SEU14/Delphi CVC/ Sanden PXE14 comp.	R134a	525 ±25	ND-8/SP-10/RL-897	PAG46	90/110
TT/TTS/TTRS (FV3/FV9/FVP/FVR)		07.14-	Denso 6SES14/Delphi CVC/ Sanden PXE14 comp.	R134a/ R1234yf	500/460 ±15	ND-12/SP-A2	PAG46yf	75/110
BMW								
1-Series (E81/E82/E87/E88)		02.03-03.10	Denso 5SE/Calsonic CSE/Denso 6SBU+6SEU comp.	R134a	590 ±10	DH-PS/ND-8	PAG46	150/180
1-Series (E81/E82/E87/E88)		04.10-01.13	Denso 5SE/Calsonic CSE/Denso 6SBU+6SEU comp.	R134a	620 ±10	DH-PS/ND-8	PAG46	150/180
1-Series (E81/E82/E87/E88)		02.03-03.10	Denso 7SBU/Denso 7SEU comp.	R134a	590 ±10	ND-8	PAG46	120/180
1-Series (E81/E82/E87/E88)		04.10-01.13	Denso 7SBU/Denso 7SEU comp.	R134a	620 ±10	ND-8	PAG46	120/180
1-Series (F20/F21)		11.10-		R134a	500 ±10	ND-8	PAG46	150
1-Series Coupe/Cabrio (F22/F23)		10.12-	Denso 6SBU+6SEU/Denso 8SES+8AS+7SEU comp.	R134a/ R1234yf	500 ±10	ND-12/SP-A2	PAG46yf	100/120
2-Series Tourer (F45/F46)		11.13-	HVCC comp.	R134a	500 ±10	SP-A2	PAG46	110
3-Series (E46)	Diesel/Petrol	02.98-12.07	Denso comp./Seiko Seiki SS120DL comp.	R134a	725 ±25	ND-9/SK-20	PAG100/PAG46	160/240
3-Series (E90/E91/E92/E93)		02.04-03.10	Denso 5SE/Calsonic CSE/Denso 6TSBU+6TSEU	R134a	590 ±10	DH-PS/ND-8	PAG46	150/180
3-Series (E90/E91/E92/E93)		04.10-12.13	Denso 5SE/Calsonic CSE/Denso 6TSBU+6TSEU	R134a	620 ±10	DH-PS/ND-8	PAG46	150/180
3-Series (F30/F31/F34/F35/F80)		03.11-		R134a	550 ±10	ND-8	PAG46	150
3-Series (F30/F35/F80)	ActiveHybrid	11.11-05.15	HVCC or Sanden comp.	R134a	740 ±10	SP-A2	PAG46yf	180
3-Series (G20)		11.18-		R1234yf	550 ±10	SP-A2	PAG46yf	100
4-Series (F32/F33/F36/F82/F83)		07.13-		R134a	550 ±10	ND-8	PAG46	150
5-Series (E39)		12.97-05.04	Denso 7SBU16/Seiko Seiki SS120DL comp.	R134a	740 ±25	ND-9/SK-20	PAG46/ PAG100	150
5-Series (E39)	520d/525d/530d	08.98-05.04	Denso 7SBU16/ comp.	R134a	680 ±10	ND-8	PAG46	180
5-Series (E60/E61)	Diesel/Petrol	12.01-12.10		R134a	700/810 ±10	ND-8	PAG46	180
5-Series (F07/F10/F11)		01.09-02.17	Denso comp./HVCC comp.	R134a	850 ±10	ND-8/DH-PS	PAG46	110/150
5-Series (F10)	ActiveHybrid	12.11-10.16	HVCC or Sanden comp.	R134a	850 ±10	SP-A2	PAG46yf	180
5-Series (G30/G31/F90)		09.16-		R1234yf	550 ±10	SP-A2	PAG46yf	100
6-Series (E63/E64)		01.04-12.10		R134a	810 ±10	ND-8	PAG46	180
6-Series (F06/F12/F13)		11.10-		R134a	850 ±10	ND-8	PAG46	150
6-Series (G32)		06.17-		R1234yf	550 ±10	SP-A2	PAG46yf	See OE!
7-Series (E65/E66/E67)		11.01-12.09		R134a	810 ±10	ND-8	PAG46	180
7-Series (F01/F02/F03/F04)		02.08-12.15	> Rear evap.	R134a	850/1000 ±10	ND-8	PAG46	150
7-Series (F01/F02/F03/F04)	ActiveHybrid	09.09-08.15	HVCC or Sanden comp.	R134a	850 ±10	SP-A2	PAG46yf	180
7-Series (G11/G12)		10.14-	> Rear evap.	R1234yf	550/800 ±10	SP-A2	PAG46yf	110
8-Series (G14/G15)		07.18-		R1234yf	550 ±10	SP-A2	PAG46yf	100
i3 (I01)	Electric/Range Extender	08.13-	HVCC electric comp./> Heat pump	R134a/ R1234yf	750/970 ±10	SP-A2	PAG46yf	230
X1 (E84)		03.09-06.15		R134a	590 ±10	ND-8	PAG46	150
X1 (F48)		11.14-	HVCC comp.	R134a	480 ±10	SP-A2	PAG46	110
X3 (E83)	Diesel/Petrol	01.03-12.11		R134a	680/740 ±10	ND-8	PAG46	150
X3 (F25)/X4 (F26)		09.10-03.18	Denso comp./HVCC comp.	R134a	425 ±10	ND-8/SP-A2	PAG46	110/150
X5 (E53)		05.00-02.07		R134a	440 ±10	ND-8	PAG46	150
X5/X6 (E70/E71/E72)		02.06-07.14		R134a	700 ±10	ND-8	PAG46	150
X5/X6 (F15/F16/F85/F86)	3.0 Diesel B47D20	08.13-07.18	HVCC comp.	R134a	675 ±10	ND-8/SP-A2	PAG46yf	110/150
X5 (F15)	xDrive 40e/ ActiveHybrid	08.15-07.18	HVCC electric comp.	R134a/ R1234yf	675 ±10	SP-A2	PAG46yf	150/180
Z4 (E85/E86)		02.03-12.09		R134a	740 ±10	ND-8	PAG46	150
Z4 (E89)		02.09-08.16		R134a	580 ±10	ND-8	PAG46	150
CHEVROLET (GM)								
Aveo/Kalos (T200/T250/T300)		05.05-	Delphi SP10 comp./VS comp.	R134a	520 (RHD 600) ±20	RL244/RL488	PAG100/150	150/200
Captiva (C100/C140)	Petrol/Diesel	06.06-02.15	LHD only	R134a	660/520 ±20	DH-PS	PAG46	120
Cruze (J300)		05.09-		R134a	650 ±20	DH-PS	PAG46	120-150
Epica (EL1)		01.06-2011		R134a	800 (RHD 850) ±20	DH-PS	PAG46	220
HHR		01.06-		R134a	410 ±25	DH-PS	PAG46	180
Lacetti/Nubira		01.05-11.10		R134a	640 (RHD 680) ±20	RL488	PAG150	220
Malibu		01.12-		R134a	680/600 ±10	DH-PS/ DH-PSD1	PAG46/ PAG46yf	150
Matiz		03.05-03.10		R134a	530 (RHD 380) ±20	DH-PS	PAG46	120
Orlando		12.10-		R134a	650 ±20	DH-PS	PAG46	120-150
Spark		05.05-		R134a	330 (RHD 380) ±20	DH-PS	PAG46	110
Spark (M300)		03.10-		R134a	450 ±25	DH-PS	PAG46	100
Tacuma/Rezzo		03.05-		R134a	700 ±20	DH-PS	PAG46	220
Trax		12.12-		R134a/ R1234yf	570 ±20	DH-PS/DH-PSD1	PAG46/ PAG46yf	70
Volt		04.11-05.15		R134a	950 ±25	ND-11	POE	180
CHRYSLER (USA)								
300C (LE/LX)		09.04-10.10		R134a	740 ±20	ND-8	PAG46	180
Crossfire		07.03-12.07		R134a	850 ±20	ND-8	PAG46	120
Grand Voyager V (RT)		10.07-	> Rear evap.	R134a	800/1100 ±20	ND-8	PAG46	120/190
PT Cruiser (PT)	2.2 CRD	06.00-12.10		R134a	700/850 ±20	ND-8	PAG46	150/180
PT Cruiser Convertible	2.4i	03.04-03.08		R134a	510 ±20	ND-8	PAG46	180
Voyager III (GS)/Voyager IV (RG/RS)		01.95-12.08	> Rear evap.	R134a	960/1360 ±20	ND-8	PAG46	150/220
Ypsilon		05.11-		R134a/ R1234yf	500 ±40	ND-8/ND-12	PAG46/ PAG46yf	50
CITROEN								
Berlingo I (M/MF)		07.96-12.11		R134a	575 ±25	SP-10	PAG46	135
Berlingo II (B9)		04.08-06.18		R134a/ R1234yf	450 ±20/425 ±10	SP-10/SP-A2	PAG46/ PAG46yf	150
Berlingo III (K9)		06.18-	Cond. 19 dm³/Sanden comp./> Rear evap	R1234yf	450/775 ±10	SP-A2	PAG46yf	60
Berlingo III (K9)		06.18-	Cond. 23 dm³/Llanshe comp./ > Rear evap.	R1234yf	650/950 ±10	VC200YF	PAG100yf	135
C1 (PM/PN)	1.4 HDi	06.05-09.14		R134a	450/500 ±25	ZXL200PG	PAG100	80
C1 II (PA/PS)		04.14-		R134a/ R1234yf	380/420 ±10	SP-A2/ R1234yf	VC200yf	PAG100yf
C2 (JM)		09.03-11.19	> VIN 1004!/VIN 10042 >	R134a	625/500 ±25	SP-10	PAG46	135
C3 II (Picasso (FC/FN)		02.02-10.09	Manual trans./Automatic trans.	R134a	450/400 ±25	SP-10	PAG46	140
C3 II (SC)/-Picasso (SH)		02.09-		R134a/ R1234yf	450 ±25/400 ±10	SP-10/SP-A2	PAG46/ PAG46yf	135
C3 III (SX)		07.16-		R1234yf	425 ±10	HD100	PAG100yf	80
C3 Picasso (H81)		03.-03-	> VIN 1004!/VIN 10042 >	R134a	625/500 ±25	SP-10	PAG46	135
C3 Aircross II (2R/2C)		06.17-		R1234yf	425 ±10	ND-12	PAG46yf	80
C4 I (LA/LC/LB)		11.04-07.11	> VIN 1055!/VIN 10554 >	R134a	670/450 ±25	SP-10	PAG46	135
C4 II (B7/NC)		11.09-	Denso comp./Sanden comp.	R134a/ R1234yf	425 ±10	ND-12/SP-A2	PAG46yf	110/135
C4 Picasso I(Grand Picasso I (UA/UD)		10.06-12.13	> Rear evap.	R134a	450/675 ±25	SP-10	PAG46	135/200
C4 Picasso II/Grand Picasso II		02.13-	> Rear evap.	R134a/ R1234yf	450/625 ±10	SP-A2	PAG46yf	90/140
C4 Aircross		04.12-		R134a	500 ±20	PAG46	PAG46	80
C4 Cactus		09.14-	Sanden comp./Denso comp.	R1234yf	425 ±10	SP-A2/ND-12	PAG46yf	80/90
C4 II (B7/NC)		11.09-	Denso comp./Sanden comp.	R134a/ R1234yf	425 ±10	ND-12/SP-A2	PAG46yf	110/135
C4 Picasso II/Grand Picasso I (UA/UD)		10.06-12.13	> Rear evap.	R134a	450/675 ±25	SP-10	PAG46	135/200
C4 Picasso II/Grand Picasso II		02.13-	> Rear evap.	R134a/ R1234yf	450/625 ±10	SP-A2	PAG46yf	90/140
C4 Aircross		04.12-		R134a	500 ±20	PAG46	PAG46	80
C4 Cactus		09.14-	Sanden comp./Denso comp.	R1234yf	425 ±10	SP-A2/ND-12	PAG46yf	80/90
C4 Spacetourer (3D)/Grand C4 Spacetourer (3A/3E)		04.18-	Sanden comp./Denso comp.	R1234yf	450 ±10	SP-A2/ND-12	PAG46yf	80/110
C5 I (DC/DE)	2.0 HDi	03.01-08.04	Sanden comp./Delphi comp.	R134a	675 ±25	SP-10/RL488	PAG46/PAG150	135/265
C5 II (RC/RE)	2.2 HDi/2.7 HDi	08.04-		R134a	625/525 ±25	SP-10	PAG46	135
C5 III (RD/RW)		02.08-	From Euro 5 >	R134a	625/525 ±25	SP-10	PAG46	135
C5 III (RD/RW)		03.08-		R1234yf	475 ±10	SP-A2	PAG46yf	135
C6 (TD)	3.0 HDi	09.05-12.12		R134a	525/625 ±25	SP-10	PAG46	135
C6 (E4/E8)	2.0 HDi/2.2 HDi	07.02-		R134a	675/540 ±25	SP-10	PAG46	135
C-Crosser (EP)		02.07-		R134a	500 ±20	SP-10	PAG46	80
C-Elysée		11.12-		R134a/ R1234yf	450 ±20/420 ±10	VC200YF	PAG100yf	110
C-Zero Electric		10.10-		R134a	325 ±20	MA68EV	POE	100
Dispatch/Jumpy I&II (BU8/BS/BT8/BY8/BV8/BZ/VU6J)		01.01-12.06		R134a	950 ±25	SP-10	PAG46	135
Dispatch/Jumpy I&II (BU8/BS/BT8/BY8/BV8/BZ/VU6J)		01.01-12.06	Long wheel base/ + Rear evap.	R134a	1000 ±50	SP-10	PAG46	180
Dispatch/Jumpy III (VF7)		01.07-	+ Rear evap.	R134a	540/850 ±25	SP-10	PAG46	135/200
Dispatch/Jumpy III (VF7)		02.04-03.10	Long wheel base/ + Rear evap.	R134a	950 ±25	SP-10	PAG46	250
Dispatch/Jumpy IV/ Spacetourer (V)		04.16-	Cond. 19 dm³/Sanden comp./ > Rear evap.	R1234yf	450/775 ±10	SP-A2	PAG46yf	60/See OE!
Dispatch/Jumpy IV/ Spacetourer (V)		04.16-	Cond. 23 dm³/Llanshe comp./ > Rear evap.	R1234yf	650/975 ±10	VC200YF	PAG100yf	135/See OE!
DS3		11.09-07.15	Denso comp./Sanden comp.	R134a/ R1234yf	450/425 ±10	SP-A2/ND-12	PAG46yf	90/110
DS4/DS5		03.11-07.15	Denso 5SEL12/Denso 6SEL16 comp.	R1234yf	450/425 ±10	ND-8/ND-12	PAG46yf	90/120
DS4/DS5		04.11-07.15	Sanden SD6C12/Sanden SD7C16 comp.	R1234yf	450/425 ±10	SP-10/SP-A2	PAG46yf	110/135
Jumper I/Relay I (244)		04.02-06.06	> Rear evap.	R134a	550/700 ±25	SP-10	PAG46	135/200
Jumper I/Relay I (244)		04.02-06.06	+ Roof top unit	R134a	1400 ±25	SP-10	PAG46	200
Jumper II/Relay II (250)		04.06-	> Rear evap.	R134a	550/950 ±25	SP-10	PAG46	150/200
Jumper II/Relay II (250)		04.06-	+ Roof top unit	R134a	1600 ±25	SP-10	PAG46	200
Nemo (AA)		02.08-		R134a	500 ±25	SP-10	PAG46	135
Xsara Picasso (N68)		12.99-06.12		R134a	650 ±25	SP-10	PAG46	135
DACIA								
Dokker I (KE)		11.12-	Valeo DKV-11R/Calsonic CR125C comp.	R134a	475 ±35	ZXL200PG/DH-PR	PAG100	80/150
Duster I		04.10-	Valeo DKV-11R/Calsonic CR125C comp.	R134a	475 ±35	ZXL200PG/DH-PR	PAG100	80/150
Duster I		04.10-	Sanden comp./> Rear evap.	R134a	475/880 ±35	SP-10	PAG46	135/200
Logan I/MCV/Van/Pick Up (FS/KS/LS/US)		08.04-	Cond. with integrated dryer/> Sanden comp.	R134a	475/750 ±35	SP-10	PAG46	135
Logan I/MCV/Van/Pick Up (FS/KS/LS/US)		08.04-	Cond. with integrated dryer/+ Calsonic comp.	R134a	475/750 ±35	DH-PR	PAG100	150
Lodgy I (JS)		03.12-	Valeo DKV-11R/Calsonic CR125C	R134a	475 ±35	ZXL200PG/DH-PR	PAG100	80/150
Lodgy I (JS)		03.12-	Sanden comp./> Rear evap.	R134a	1000 ±35	SP-10	PAG46	135/200
Logan II/MCV		10.12-	Valeo DKV-11R/Calsonic CR125C comp.	R134a	475 ±35	ZXL200PG/DH-PR	PAG100	80/150
Logan II/MCV		10.12-	Valeo VCS-14C comp.	R134a	475 ±35	ZXL100PG	PAG46	135
Sandero I		06.08-10.12	Cond. with integrated dryer	R134a	475/750 ±35	SP-10	PAG46	135
Sandero II		10.12-	Valeo DKV-11R/Calsonic CR125C comp.	R134a	480 ±35	ZXL200PG/DH-PR	PAG100	80/150
Sandero II		10.12-	Valeo VCS-14C comp.	R134a	480 ±35	ZXL100PG	PAG46	100
DAEWOO								
Lacetti/Nubira (KLAN/J200)		07.03-2010		R134a	640 (RHD 680) ±20	RL488	PAG150	220
Matiz (M200/M250)		01.05-06.10		R134a	330 (RHD 380) ±20	RL244	PAG46	110
Rezzo/Tacuma (KLAU/U100)		09.00-2008		R134a	750 (RHD 820) ±20	RL488	PAG150	220
DAIHATSU								
Charade V (L2)		03.03-05.11		R134a	380 ±30	ND-8	PAG46	100
Charade VI		05.11-01.13		R134a	360 ±30	ND-8	PAG46	100
Cuore VIII (L275/L276/L285)		04.07-12.12		R134a	300 ±30	ND-8	PAG46	60
Materia (M4)		10.06-12.12		R134a	550 ±30	ND-8	PAG46	70
Sirion II (M3)		01.05-06.13		R134a	330 ±30	ND-8	PAG46	80
Terios (J2)		11.05-12.12		R134a	350 (RHD 300) ±10	ND-8	PAG46	80
Trevis		06.05-03.09		R134a	300 ±30	ND-8	PAG46	60
DODGE (CHRYSLER)								
Avenger		06.07-12.14		R134a	450 ±30	ND-8	PAG46	110
Caliber		06.06-		R134a	510 ±30	ND-8	PAG46	130
Caravan (RG)		02.00-12.07	> Rear evap.	R134a	960/1360 ±20	ND-8	PAG46	150/220
Charger		06.05-12.10		R134a	740 ±30	ND-8	PAG46	180
Journey	2.4i/2.0CRD	06.08-	> Rear evap.	R134a	620/910 ±30	ND-8	PAG46	110/170
Nitro		09.06-12.12		R134a	540 ±30	ND-8	PAG46	140
FIAT								
124 Spider (348)		03.16-		R134a/ R1234yf	420/360 ±10	DH-PS/DH-PSD1	PAG46/ PAG46yf	100
500 (312)		10.07-		R134a/ R1234yf	450 ±40/450 ±10	ND-8/ND-12	PAG46/ PAG46yf	80
500L (351/352)		09.12-		R134a/ R1234yf	450/420 ±20	DH-PS/DH-PSD1	PAG46/ PAG46yf	150
500X (334)		09.14-		R1234yf	500 ±20	ND-12	PAG46yf	130
Bravo II (198)		11.06-		R134a	500 ±40	ND-8	PAG46	130
Croma II (194)		06.05-12.11		R134a	730 ±40	SP-10	PAG46	130
Doblo II /Fiorino (263)		02.10-	Denso comp./Sanden comp.	R134a	450 ±20	ND-8/SP-10	PAG46	80/120
Ducato III (250/290)		07.06-	+ Roof top unit	R134a	550/950 ±25	SP-10	PAG46	200
Fiorino/Qubo (225)		11.07-		R134a	500 ±25	SP-10	PAG46	130
Freemont (345)		08.11-	+ Rear evap.	R134a	620/910 ±30	ND-8	PAG46	110/170
Fullback Pickup (502/503)		01.16-		R134a	520 ±20	DH-PR	PAG100	150
Idea/Linea (110/323/350)		12.03-2010	Denso comp./Sanden comp.	R134a	500 ±40	ND-8/SP-10	PAG46	130
Multipla (186)	1.6i/1.9 JTD	04.99-06.10	Delphi comp./Sanden comp.	R134a	450 ±20	SP-10/RL488	PAG46/PAG150	135/265
Panda II (169)		09.03-08.12		R134a	500 ±40	ND-8	PAG46	80
Panda III (312/319)		02.12-		R1234yf	450 ±40	ND-8	PAG46	70
Punto (188)		11.02-03.12	Denso 5CS/Denso TV125C comp.	R134a	500 ±40	ND-9/ND-8	PAG100/PAG46	70/150
Punto/Punto Evo/Grande Punto (199)		04.08-02.12		R134a	500 ±40	ND-8	PAG46	130
Punto (199)		03.12-	Denso comp./Sanden comp.	R134a	440 ±30	ND-8/SP-10	PAG46	90/120
Scudo II (270/272)		01.07-	Short wheel base/ + Rear evap.	R134a	540/910 ±25	SP-10	PAG46	135/180
Scudo II (270/272)		01.07-	Long wheel base/ + Rear evap.	R134a	540/950 ±25	SP-10	PAG46	135/180
Sedici (FY)		06.06-10.14		R134a	430 ±20	ND-8	PAG46	90
Strada (278)		10.10-		R134a	500 ±40	ND-8	PAG46	70
Talento (296)		06.16-	Zexel comp./> Rear evap.	R134a	590/880 ±20	ZXL100PG	PAG46	120/220
Talento (296)		06.16-	Zexel comp./> Rear evap.	R1234yf	540/850 ±20	VC100yf	PAG46yf	120/220
Tipo/Egea(356)		10.15-		R134a/ R1234yf	450/420 ±20	DH-PS/DH-PSD1	PAG46/ PAG46yf	100
Ulysse (179)		08.02-07.11		R134a	600 ±25	SP-10	PAG46	135
FORD								
B-Max (JK)	1.5 TDCi	10.12-		R134a/ R1234yf	550 ±10	SP-10/SP-A2	PAG46/ PAG46yf	120
B-Max (JK)	1.0 Ecob./1.6 TDCi/1.4 i&1.6 TI	10.12-		R134a/ R1234yf	600/950 ±10	SP-A2	PAG46yf	120
C-Max (DM2)		02.07-09.10		R134a	600 ±15	PAG46	PAG46	200
C-Max II/Grand C-Max (DXA/CB7,CEU)	1.0 & 1.6 Ecoboost/1.5 TDCi	04.10-	> 02.2015 / 03.2015 >	R134a/ R1234yf	540/530 ±15	SP-A2	PAG46yf	120/150
C-Max II/Grand C-Max (DXA/CB7,CEU)	1.6 i (+CNG) & 1.6 Ti	03.15-	> 02.2015 / 03.2015 >	R134a/ R1234yf	530/600 ±15	SP-A2	PAG46yf	120/150
C-Max II/Grand C-Max (DXA/CB7,CEU)	1.6 TDCi	12.10-	> 07.2012 / 08.2012 >	R134a/ R1234yf	460/530 ±15	SP-A2	PAG46yf	110/150
C-Max II/Grand C-Max (DXA/CB7,CEU)	1.5 Ecoboost/2.0 TDCi	04.10-	> 02.2015 / 03.2015 >	R134a/ R1234yf	530/625 ±15	SP-A2	PAG46yf	120/150
C-Max II/Grand C-Max (DXA/CB7,CEU)	2.0 Energi (Hybrid)	01.15-		R134a/ R1234yf	740 ±15	SP-10/SP-A2	PAG46/ PAG46yf