

# TABELA DE CARGA DE GÁS R134a

Montadora/ Modelo	Ano	Fluido	Qtd Aprox. +/- 50g.
<b>Alfa ROMEO</b>			
145/146 Twin Spark	1996-01	R134a	700
145/146 O-Turbo	1994-01	R134a	700
145/1461,9 JTD	1998-01	R134a	700
147 (all models)	2000-04	R134a	550
75	1985-93	R12	900
155	1992-93	R12	950
155	1994-97	R134a	700
155	1995-97	R134a	700
156	1997-04	R134a	650
164	1987-93	R12	1250
164	1994-98	R134a	1200
166	1998-04	R134a	700
Sprint	1987-91	R12	1150
Spider	1990-93	R12	
Spider/GTV 1,8	1998-04	R134a	650
Spider/GTV 2,0	1996-04	R134a	700
Spider/GTV V6	1996-04	R134a	700
<b>AUDI</b>			
90	1987-92	R12	1050
100	08.83-91	R12	1100
200	08.83-91	R12	1100
100/A6/S4/S6 - compressor Denso	10.92-97	R134a	800
100/A6/S4/S6 - compressor Zexel	10.92-97	R134a	800
1001 A6/S4/S6	91-09.92	R12	1100
80/901 Coupe	1986-91	R12	1050
80/Coupe/Cabrio	91-09.92	R12	700
80/Coupe/Cabrio	10.92-95	R134a	700
80/Coupe/Cabrio 2,3	91-09.92	R12	900

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80/Coupe/Cabrio 2,3	10.92-94	R134a	800
A2	2000-04	R134a	550
A3/S3	1996-03	R134a	800
A4 - compressor Denso	2001-04	R134a	500
A4 - compressor Zexel	2001-04	R134a	500
A4/S4 - compressor Denso	1994-11.97	R134a	700
A4/S4 - compressor Denso/condenser AWG	11.98-12.98	R134a	600
A4/S4 - compressor Denso/condenser Showa	11.97-01	R134a	750
A4/S4 - compressor Zexel	1994-11.97	R134a	700
A4/S4 - compressor Zexel/condenser AWG	11.98-12.98	R134a	600
A4/S4 - compressor Zexel/condenser Showa	11.97-01	R134a	750
A6 - compressor Denso	1997-11.97	R 134a	850
A6 - compressor Denso	11.97-08.98	R134a	900
A6 - compressor Denso/condenser 16 mm	10.98-12.98	R134a	600
A6 - compressor Denso/condenser 18 mm	04.99-02	R134a	700
A6 - compressor Denso/condenser 20 mm	08.98-04.99	R134a	800
A6 - compressor Zexel	1997-11.97	R134a	850
A6 - compressor Zexel	11.97-08.98	R134a	900
A6 - compressor Zexel/condenser 16 mm	10.98-12.98	R134a	600
A6 - compressor Zexel/condenser 18 mm	04.99-02	R134a	700
A6 - compressor Zexel/condenser 20 mm	08.98-04.99	R134a	800
A6 V8- compressor Densc	03.99-04	R134a	700
A6 V8- compressor Denso	98-03. 99	R134a	600
A6 V8- compressor Zexel	98-03.99	R134a	600
A6 V8- compressor Zexel	03.99-04	R134a	700
A8 - compressor Denso	1994-11.97	R134a	800
A8 - compressor Zexel	1994-11.97	R134a	800
A8 S8 - compressor Denso	11.97-02	R134a	850
A8 S8 - compressor Zexel	11.97-02	R134a	850
Avant RS2	1994-95	R134a	800
Cabrio	91-09.92	R12	700

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Cabrio	10.92-00	R134a	700
Cabrio 2,3	91-09.92	R12	900
Cabrio 2,3	10.92-94	R134a	800
Coupé	1986-91	R12	1050
Coupé	91-09.92	R12	700
Coupé	10.92-96	R134a	700
Coupé 2,3	91-09.92	R12	900
Coupé 2,3	10.92-94	R134a	800
Coupé S2	92-09.92	R12	900
Coupé S2 - compressor Denso	10.92-96	R134a	800
Coupé S2 - compressor Zexel	10.92-96	R134a	800
TT	1998-04	R134a	800
V8	89-09.92	R12	1100
V8	10.92-93	R134a	900

## BEDFORD

Brava	1988-90	R134a	750
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## BMW

525d/530d (E39) - compressor Seiko	1998-03	R134a	650
525td/tds (E39) - compressor Seiko	1996-09.98	R134a	1200
525td/tds (E39) - compressor Seiko	09.98-03	R134a	1300
725 tds (E38) - compressor Seiko	1996-02	R134a	1200
750 iL (E38) - compressor Seiko	1994-02	R134a	1250
750 iL (E38) - compressor Seiko	1994-02	R134a	1400
M3 (E30) drum type compressor	1987-91	R12	900
M3 (E30) impeller type compressor	1987-91	R12	900
M5/524td/525td/tds (E34) impeller type compressor	1987-93	R12	1500
M5/524tdf525td/tds (E34) drum type compressor	1987-93	R12	1500
Series 3 (E30)	1992-93	R134a	800
Series 3 (E30) drum type compressor	1986-93	R12	1000
Series 3 (E30) impeller type compressor	1986-93	R12	1000
Series 3 (E36)	1991-93	R12	1200
Series 3 (E46) compressor Seiko	1998-04	R134a	750
Series 5 (E34) - compressor Denso	1993-96	R134a	1550
Series 5 (E34) - compressor Denso	1993-96	R134a	1450
Series 5 (E34) - compressor Seiko	1993-96	R134a	1550

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Series 5 (E34) - compressor Seiko	1993-96	R134a	1450
Series 5 (E34) drum type compressor	1987-93	R12	1950
Series 5 (E34) impeller type compressor	1987-93	R12	1950
Series 5 (E39) - compressor Seiko	1996-09.98	R134a	1250
Series 5 (E39) - compressor Seiko	09.98-03	R134a	750
Series 7 (E32) - compressor Denso	1993-94	R134a	1550
Series 7 (E32) - compressor Denso	1993-94	R134a	1700
Series 7 (E32) - compressor Seiko	1993-94	R134a	1550
Series 7 (E32) - compressor Seiko	1993-94	R134a	1700
Series 7 (E32) drum type compressor	1986-93	R12	1950
Series 7 (E32) drum type compressor	1986-93	R12	2100
Series 7 (E32) impeller type compressor	1986-93	R12	1950
Series 7 (E32) impeller type compressor	1986-93	R12	2100
Series 7 (E38) - compressor Seiko	1994-09.98	R134a	1200
Series 7 (E38) - compressor Seiko	09.98-02	R134a	650
Series 8 (E31)	1990-93	R12	1950
Series 8 (E31) - compressor Denso	1993-99	R134a	1550
Series 8 (E31) - compressor Seiko	1993-99	R134a	1550
Series/Compact 3 (E36)- compressor Denso	1993-01	R134a	1000
Series/Compact 3 (E36)- compressor Denso	1993-01	R134a	850
Series/Compact 3 (E36)- compressor Seiko	1993-01	R134a	1000
Series/Compact 3 (E36)- compressor Seiko	1993-01	R134a	850
X5 (E 53)	2000-04	R134a	450
Z3 compressor Denso	1997-03	R134a	1000
Z3 compressor Denso	1997-03	R134a	850
Z3 compressor Seiko	1997-03	R134a	1000
Z3 compressor Seiko	1997-03	R134a	850

### CHRYSLER

Cherokee	1992-93	R12	1100
Grand Cherokee	1993-96	R134a	750
Grand Cherokee	1997-04	R134a	750
Neon	1999-04	R134a	750
Neon 1,8i	1997-99	R134a	750
Neon 2,0 16V	1995-99	R134a	800
PT Cruiser	2000-02	R134a	700
Voyager - Caravan	1994-02	R134a	950

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Voyager - Caravan 2 evaporadores	1994-02	R134a	1350
Wrangler	1992-93	R12	900
Wrangler/Cherokee	1994-96	R134a	900
Wrangler/Cherokee	1997-01	R134a	550
<b>CITROEN</b>			
AX	1994-97	R134a	650
AX LHO	1991-94	R12	750
AX RHD	1991-94	R12	900
Berlingo	1996-04	R134a	900
Berlingo Diesel	1996-04	R134a	800
BX	1987-94	R12	1000
BX 1.7DTurbo	1988-94	R12	800
BX 1.9 Gti 16v - eng.lmol. XU9J4	1987-93	R12	800
C3	2002-04	R134a	650
C5	2000-04	R134a	70ü
C5 2,0 HOi	2000-04	R134a	700
C5 2,2 HOi	2000-04	R134a	700
C8	2002-04	R134a	600
Dispatch/ Jumpy	1995-04	R134a	1000
Relay/Jumper	94-09.96	R134a	1000
Relay/Jumper	94-09.96	R134a	1200
Relay/Jumper	10.96-02	R134a	800
Relay/Jumper	10.96-02	R134a	1000
Relay/Jumper 11	2002-04	R134a	800
Relay/Jumper 11	2002-04	R134a	1000
Saxo	96-03.96	R134a	600
Saxo	04.96-03	R134a	800
Synergie/Evasion	1994-02	R134a	1000
Xantia - compressor Sanden SD 7H 15	1993-01	R134a	800
Xantia - compressor Sanden SD 7V 16/condenser 16 mm	1993-01	R134a	900
Xantia - compressor Sanden SD 7V 16/condenser 23 mm	1993-01	R134a	1000
Xantia 1 ,90/1,9D Turbo	02.96-01	R134a	850
Xantia 3,0	1997-01	R134a	700
XM	89-09.93	R12	1050
XM 2,0	1996-01	R134a	750

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XM 2,1/2,2 Diesel	89-09.93	R12	1050
XM 2,1/2,2 Diesel	1996-01	R134a	750
XM 2,112,2 Diesel	10.93-96	R134a	750
XM 2,5 Diesel	1994-96	R134a	850
XM 2,5 Diesel	1996-01	R134a	850
XM2,O	10.93-96	R134a	750
XMV6	89-09.93	R12	1050
XMV6	10.93-01	R134a	750
Xsara	1997-99	R134a	1000
Xsara	2000-04	R134a	550
Xsara 2,0 16V	2000-04	R134a	700
Xsara Diesel	1997-99	R134a	900
Xsara Picasso	1999-04	R134a	700
Zx	1993-98	R134a	950
Zx - eng.lmol. XU	1991-93	R12	1000
Zx - eng.lmot. TU	1991-93	R12	900

### DAEWOO

Espero	1995-97	R134a	750
Kalos 1,4	2003-04	R134a	600
Korando/Musso	1999-02	R134a	700
Lanos	1997-02	R134a	700
Leganza	1997-02	R134a	850
Maliz	1998-04	R134a	550
Nexia	1995-97	R134a	750
Nubira LHD	1997-04	R134a	750
Nubira RHD	1997-04	R134a	800
T acuma/Rezzo RHD	2001-04	R134a	800
Tacuma/Rezzo LHD	2001-04	R14a	750

### FIAT

Barchetta	1996-04	R134a	600
BRAVA 1.616V		R134a	650
BRAVA HGT 1.8		R134a	650
Bravo/Brava - compressor Denso	1995-02	R134a	650
Bravo/Brava - compressor Harrison V5	1995-02	R134a	650
Bravo/Brava 1.9 JTD	1998-02	R134a	650
Bravo/Brava compressor TV 14SC	1999-02	R134a	650

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Cinquecenlo	1991-97	R134a	700
Cinquecenlo Sporting	1994-98	R134a	550
COUPÉ		R134a	700
Coupé 1,8	1996-00	R134a	700
Coupé 16V	1994-97	R134a	700
Coupé 20V	1996-00	R134a	500
Croma	1988-93	R12	1200
Croma	1994-97	R134a	1100
Doblo	2000-04	R134a	650
DOBLO 1.3 16 V FIRE		R134a	650
DOBLO 1.6 16V FIRE		R134a	650
Dobló 1.6/1.9 jtd	2000-01	R134a	650
DOBLO 1.8 8V		R134a	600
DUCATO (SISTEMA DUPLO)		R134a	1000
DUCATO (SISTEMA SIMPLES)		R134a	850
Ducato Diesel	1986-94	R12	1050
DucatoIT alento	1994-02	R134a	850
DucatoIT alento Panorama/Combi	1994-02	R134a	1000
Fiorino	1997-01	R134a	
MAREA 1.816V		R134a	650
MAREA 2.0 ASPIRADO		R134a	650
MAREA 2.0 TURBO		R134a	650
MAREA 2.4		R134a	650
Marea/Marengo - compressor 7SB16	1996-03	R134a	600
Marea/Marengo - compressor Sanden SD7V16	1996-03	R134a	600
Marea/Marengo - compressor Scroll SCS08	1996-03	R134a	600
Marea/Marengo - compressor TV12SC	1996-03	R134a	600
Multipla 1.6	1999-04	R134a	650
Multipla 1.9 JTD	1999-04	R134a	650
Palio	1997-01	R134a	700
Palio	2002-04	R134a	650
PALIO 1.0		R134a	650
PALIO 1.0 8V/1.3 8V FLEX		R134a	450
PALIO 1.0/1.3 FIRE		R134a	650
PALIO 1.3 FIRE		R134a	650

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PALIO 1.5		R134a	650
PALIO 1.6 16V		R134a	650
PALIO 1.6 16V		R134a	650
PALIO 1.8 8V		R134a	400
Punto	1993-99	R134a	700
Punto	1999-04	R134a	550
Punto 1,4 Turbo	1993-99	R134a	700
Punto 1.8 16V	1999-04	R134a	550
Punto 1100	1993-99	R134a	650
Scudo	1996-04	R134a	1000
Seicenlo	1997-04	R134a	500
Siena	1997-04	R134a	750
Slilo 1.3/1.6 16V/1.9 jld - compressor Denso	2001-04	R134a	550
Slilo 1.8 16V/2.0 20V - compressor Sanden	2001-04	R134a	550
STILO 1.8		R134a	500
STILO 2.4		R134a	500
Strada	1997-01	R134a	750
Strada	2002-04	R134a	650
Tempra - compressor Harrison V5	1990-93	R12	900
Tempra - compressor Harrison V5	1994-97	R134a	700
Tempra - compressor Sanden	1994-97	R134a	700
Tempra - compressor sankyo	1990-93	R12	900
Tempra - Denso	95...	R134a	700
Tempra SW		R134a	700
Tipo	1987-93	R12	900
Tipo - compressor Harrison V5	1994-95	R134a	700
Tipo - compressor Sanden	1994-95	R134a	700
TIPO 1.6		R134a	700
TIPO 2.0		R134a	700
Ulysse	1994-02	R134a	1000
UNO 1.097/...		R134a	500
UNO FIRE		R134a	375
<b>FORD</b>			
Cougar	1998-02	R134a	750
Escort/ Orion	1990-93	R12	800
Escort/ Zetec	1994-00	R134a	750

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Fiesta	1999-02	R134a	750
Fiesta	2002-04	R134a	650
Fiesta- Ecosport	2004	R134a	570
Fiesta	...95	R134a	740
Focus	1998-04	R134a	750
Fusion	2002-04	R134a	650
Galaxy 2,0/2,3	1995-00	R134a	1000
Galaxy 2,0/2,3	2000-04	R134a	750
Galaxy 2,0/2,3	2000-04	R134a	1100
Galaxy 2,8/1,9 TDI	1995-00	R134a	1400
Galaxy 2,8/1,9 TDI	2000-01	R134a	750
Galaxy 2,8/1,9 TOI	1995-00	R134a	1000
Galaxy 2,8/1,9 TOI	2000-04	R134a	1100
Galaxy 2.0/2,3	1995-00	R134a	1400
Granada/Scorpio	1985-93	R12	750
Granada/Scorpio	1994	R134a	
Ka/ Fiesta Rocam	1996-04	R134a	650
Maverick	1993-98	R134a	750
Mondeo	1993-00	R134a	740
Mondeo	2000-04	R134a	800
Probe	1994-98	R134a	1000
Puma	1997-02	R134a	750
Ranger	1999-04	R134a	800
Scorpio	1994-98	R134a	1000
Sierra	1987-93	R12	850
Sierra	1993	R134a	700
SportKa	2003-04	R134a	650
Street/Ka	2003-04	R134a	650
Transit	1994-00	R134a	900
Transit	94-08.97	R134a	1400
Transit	09.97-00	R134a	1200
Transit	2000-04	R134a	750
Transit	2000-04	R134a	1550
Transit Tourneo Connect	2000-04	R134a	750
F-250	1995-00	R134a	700

GM - OPEL

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Agila 1.0/1.2	2000-04	R134a	500
Astra/Belmont/Kadett-E	1984-91	R12	1000
Astra-F	1991-94	R134a	700
Astra-F	1994-98	R134a	900
Astra-G	1998-04	R134a	600
Astra-G	2002	R134a	600
Astra-G 2,0 Turbo	1998-02	R134a	700
Calibra	1990-93	R12	1100
Calibra	1993-97	R134a	750
Calibra	1994-97	R134a	1000
Carlton/Omega	1986-94	R12	1100
Celta	2001	R134a	550
Corsa-B	1993-00	R134a	900
Corsa-B - compressor Zexel	1993-00	R134a	600
Corsa-C	2000-04	R134a	650
Corsa-C 1.70 Turbo - eng.lmot. Y17DT	2000-04	R134a	550
Frontera-B	1998-03	R134a	650
Meriva	2002-2006	R134a	600
Monterey Diesel	1994-98	R134a	750
Monza/ kadett/ ipanema	1984-95	R12	1000
Monza/ kadett/ ipanema	1996	R134a	700
Movano	1998-04	R134a	850
Omega	1993-94	R12	1000
Omega	1995-97	R134a	570
Omega Australiano	1998-01	R134a	800
Omega-B V8/2,5D Turbo	1994-02	R134a	950
Omega-B/2,OD	1994-03	R134a	950
Senator	1988-93	R12	1100
Sintra	1996-99	R 134a	900
Silverado/ Grand Blazer	1996-99	R 134a	800
S-10/ Blazer	1996-2000	R 134a	800
S-10/ Blazer 2.4	2000-2004	R 134a	700
Tigra	1995-00	R134a	900
Tracker	97-2004	R134a	550
Veclra-B	1995-00	R134a	900
Veclra-C	2002-04	R134a	900

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Vectra-A/ Cavaier	1994-95	R134a	900
Vectra-A/ Cavaier	1988-93	R12	1000
Vectra-B 1,70 Turbo	1995-96	R134a	950
Vectra-B 2,00 Turbo/2,2D Turbo	1997-02	R134a	750
Vectra-B 2,5/2,6	1995-02	R134a	950
Zafira	1998-01	R134a	950
Zafira	2002-04	R134a	700
Vectra-A/ Cavaier	1993-95	R134a	750

### HONDA

Accord	1986-91	R12	900
Accord	1992-93	R12	50
Accord - compressor Denso	1993-98	R134a	750
Accord - compressor Denso	1998-04	R134a	550
Accord - compressor Hadsys	1993-98	R134a	750
Accord - compressor Sanden	1998-04	R134a	550
Accord AerodecklCoupé - compressor Denso	1994-97	R134a	650
Accord- compressor Hadsys	1994-97	R134a	650
Accord Coupé	1998-02	R134a	650
Accord Diesel LHO	1996-98	R134a	650
Accord Diesel RHO	1996-98	R134a	700
Ballade	1987-89	R12	800
Civic	2000-04	R134a	550
Civic - compressor Denso	1991-93	R12	650
Civic - compressor Denso	1994-95	R134a	550
Civic - compressor Matsushita	1991-93	R12	650
Civic - compressor Matsushita	1994-95	R134a	550
Civic - compressor Sanden	1991-93	R12	650
Civic - compressor Sanden	1994-95	R134a	550
Civic - compressor Sanden	1996-00	R134a	650
Civic 2/3/4 door/- Turer - compressor Denso	1996-00	R134a	650
Civic 5 door/-Turer Diesel RHD	1997-00	R134a	550
Civic 5 doors/T urer - compressor Denso	1997-00	R134a	550
Civic 5 doors/Turer	1995-97	R134a	550
Civic 5 doorsITurer compressor Sanden	1997-00	R134a	550
Civic 5 doorsITurer Diesel LHO	1997-00	R134a	600
Civic/Shuttle - compressor Denso	1988-91	R12	900

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Civic/Shuttle - compressor Matsushita	1988-91	R12	900
Concerto	1990-92	R12	900
Concerto	1993-95	R134a	800
CRV LHD	1997-04	R134a	700
CRV RHD	1997-04	R134a	650
CRX - compressor Denso	1992-93	R12	650
CRX - compressor Denso	1994-97	R134a	550
CRX - compressor Malsushita	1992-93	R12	650
CRX - compressor Matsushita	1994-97	R134a	550
CRX - compressor Sanden	1992-93	R12	650
CRX - compressor Sanden	1994-97	R134a	550
HRV	1999-04	R134a	600
Jazz	2001-04	R134a	450
Legend	1991-92	R12	750
Legend	1996-02	R134a	750
Legend - compressor Denso	1987-91	R12	900
Legend - compressor Denso	1993-96	R134a	800
Legend - compressor Hadsys	1993-96	R134a	800
Legend - compressor Matsushita	1987-91	R12	900
Logo compressor Matsushita	1999-02	R134a	550
Logo compressor Sanden	1999-02	R134a	550
Prelude	1992-93	R12	800
Prelude	1997-01	R134a	750
Prelude LHD	1987-92	R12	900
Prelude LHD	1994-96	R134a	650
Prelude RHD	1987-92	R12	850
Prelude RHD	1994-96	R134a	700
S2000	2000-04	R134a	650
Shuttle	1995-01	R134a	650
Shuttle	1995-01	R134a	850
Stream 1,7	2001-04	R134a	550
Stream 2,0	2001-04	R134a	550

Montadora/ Modelo

Ano

Fluido

Qtd  
Aprox.  
+/-

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			50g.
<b>HYUNDAI</b>			
Accent	1994	R12	900
Accent	1994-99	R134a	650
Accent	2000-04	R134a	600
Atoz Atos/Amica	1998-03	R134a	650
Coupé	1996-01	R134a	700
Coupé	2002-04	R134a	600
Elantra - compressor 10PA15C	2001-04	R134a	700
Elantra - compressor HS 15	2001-04	R134a	700
Galloper 3 doors	2000-01	R134a	750
Galloper 5 doors	2000-01	R134a	1150
H 100 2 evaporadores	1993-02	R134a	1400
H 100	1993-01	R134a	650
Lantra	1991-93	R12	900
Lantra	1994	R12	900
Lantra	1994.96	R134a	650
Lantra	1996-00	R134a	700
Matrix	2001-04	R134a	550
Pony	1991-93	R12	900
Pony	1994	R12	900
Pony	1994	R134a	700
Pony - compressor DKK	1985-90	R12	900
Pony - compressor Mando	1985-90	R12	900
S Coupé	1990-91	R12	900
S Coupé	1992-93	R12	900
S Coupé	1994	R12	900
S Coupé	1994-95	R134a	700
Santa Fe	2001-04	R134a	600
Slarex V6 compressor(CWV618)	1997-04	R134a	1300
Sonata	1988-93	R12	900
Sonata	1993-94	R134a	800
Sonata	1995-97	R134a	750
Sonata	1998-04	R134a	700
Sonica	1989-93	R12	900
Sonica	1994-98	R134a	700

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Sonica	1999-01	R134a	650
Starex- compressor FS10	1997-04	R134a	1300
Starex- compressor MSC -130CV	1997-04	R134a	1300
Starex MSC - 130CV compressor	1997-04	R134a	650
Starex V6 compressor(CWV618)	1997-04	R134a	650
StarexIHIIH200 - compressor FS10	1997-04	R134a	650
Stellar	1987-91	R12	950
Trajjet	2000-04	R134a	650
Trajjet	2000-04	R134a	850
XG	1999-03	R134a	650

**ISUZU**

Campo Diesel	1990-03	R134a	750
Piazza	1988-91	R12	1000
Trooper	1988-91	R12	900
Trooper	1994-98	R134a	750
Trooper	1998-03	R134a	750
Trooper	1998-03	R134a	750
Trooper compressor DKS-17CH	1992-94	R12	850

**JAGUAR (DAIMLER)**

S-Type	1999-04	R134a	800
XJ 12/Double Six	1990-92	R12	1600
XJ6/Sovereign	1993-94	R134a	1150
XJ6/Sovereign - compressor GM	1986-92	R12	1150
XJ6/Sovereign - compressor Sanden	1986-92	R12	1150
XJ6/XJR	1994-97	R134a	1100
XJ8	1997-03	R1B4a	700
XJ12/Double Six	1993-94	R134a	1150
XJ12/Double Six	1994-97	R134a	1100
XJS	09.93-97	R134a	950
XJS - compressor GM	88-08.93	R12	
XJS - compressor Sanden	88-08.93	R12	
XJS 3,6	1983-87	R12	1150
XJS V12	1980-87	R12	
XK8	1997-02	R134a	650
X-Type	2001-04	R134a	800

**KIA**

## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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CamivallSedona	2000-04	R134a	1150
Carens	1999-04	R134a	800
Clarus/Credos 1.8'	1996-01	R134a	700
Clarus/Credos 2.0	1996-01	R134a	700
Magentia/Dptima	1999-04	R134a	700
Mentor/Sephia/Shuma	1996-04	R134a	700
Rio	2002-04	R134a	650
Rio 1.3/1.5	2000-01	R134a	650
Sportage	1995-04	R134a	700
<b>LANCIA</b>			
Dedra - compressor Denso	1996-99	R134a	700
Dedra - compressor Harrison	1989-93	R12	900
Dedra - compressor Harrison	1993-95	R134a	900
Dedra - compressor Harrison	1996-99	R134a	700
Dedra - compressor Sanden	1996-99	R134a	700
Dedra - compressor Sankyo	1989-93	R12	900
Dedra - compressor Sankyo	1993-95	R134a	900
Dedra - compressor Sankyo	1996-99	R134a	700
Dedra 2,Die 16V 4x4	1995-99	R134a	900
Dedra Turbo D	1994-99	R134a	700
Delta - compressor Denso	1994-99	R134a	750
Delta - compressor Harrison	1994-99	R134a	750
Delta - compressor Sanden 7v16	1994-99	R134a	750
Delta - compressor Sanden SD710	1994-99	R134a	750
Delta - compressor Sankyo	1994-99	R134a	800
Delta 1,616V	1996-99	R134a	700
Delta 1,816V	1996-99	R134a	700
Delta Turbo D	1994-99	R134a	700
Delta/Prisma Diesel	1986-93	R12	850
Kappa - compressor Denso	1994-01	R134a	800
Kappa - compressor Sanden	1994-01	R134a	700
Kappa Diesel	1994-99	R134a	800
Lybra 1600 16V	1999-04	R134a	700
Lybra 1800 16V	1999-04	R134a	700
Lybra 1900 Jld	1999-04	R134a	700
Lybra 2000 16V	1999-04	R134a	700

## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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Lybra 2400 Jld	1999-04	R134a	700
Thema	1988-92	R12	1200
Thema	1992-94	R134a	1100
Thesis	2002-04	R134a	650
Thesis V6	2002-04	R134a	700
Y10	1992-93	R12	800
Ypsilon 1.1	1996-03	R134a	650
Ypsilon 1.2/1.4	1996-03	R134a	700
Zela	1996-02	R134a	1000

### LAND ROVER

90/1 1 O/Defender	85-05.94	R12	1200
Defender	06.94-98	R134a	1050
Defender T05	1999-04	R134a	750
Discovery	90-08.94	R12	1150
Discovery	90-08.94	R12	1500
Discovery	09.94-98	R134a	900
Discovery	09.94-98	R134a	1150
Discovery	1998-04	R134a	700
Discovery	1998-04	R134a	900
Freelander	1997-00	R134a	750
Freelander	2000-04	R134a	550
Freelander V6 LHO	2000-02	R134a	450
Range Rover	1994-99	R134a	1250
Range Rover	1999-02	R134a	1400
Range Rover	1999-04	R134a	500
Range Rover Diesel	1994-02	R134a	1100
Range Rover LHD	89-08.94	R12	1050
Range Rover RHD	89-08.94	R12	1250
Range Rover/Classic	09.94-95	R134a	900

### LEXUS

GS300	1994-96	R134a	850
GS300/GS430	1996-04	R134a	600
IS200/IS300	1999-04	R134a	600
LS400	1990-92	R12	1050
LS400	1993-00	R134a	700
LS400	1993-00	R134a	950

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LS430	2000-04	R134a	650
LS430	2000-04	R134a	900
RX300	2000-04	R134a	650
SC430	2000-04	R134a	700
<b>MAZDA</b>			
121	1993-94	R134a	650
121	1995-99	R134a	750
323	1989-94	R12	800
323	94-10.96	R134a	750
323	11.96-98	R134a	750
626	1987-92	R12	800
626	92-05.94	R12	800
626	06.94-97	R134a	700
626	1997-02	R134a	650
626 Diesel	1992-97	R134a	750
323 Diesel	1995-98	R134a	750
323 LHO	1998-04	R134a	600
323 RHD	1998-04	R134a	600
6LHD	2002-04	R134a	450
6RHD	2002-04	R134a	400
B 2500	1998-04	R134a	550
B Series	1995-94	R12	750
B Series	1995-98	R134a	550
Demio	1998-02	R134a	650
E2000/B2000	1985-94	R12	1600
E2000/B2000	1995-04	R134a	550
E2000/B2000	1995-01	R134a	1150
MPV	1999-04	R134a	650
MPV	1999-04	R134a	850
MX3	1991-94	R12	800
MX3	1995-99	R134a	750
MX3 V6	1991-99	R134a	800
MX6	92-05.94	R12	800
MX6	06.94-98	R134a	700
Premacy	1999-04	R134a	650
Xedos 6	92-03.94	R134a	700

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Xedos 6	04.94-01	R134a	700
Xedos 9	1994-02	R134a	750
<b>MERCEDES-BENZ</b>			
190/190D/190E	1984-93	R12	1050
190E 2,5-16	1988-93	R12	950
200/200T /200E/200CE/200TE	1PR_!)3	R12	1100
200/200T/200E/200CE/200TE	1988-93	R12	1250
200/200T/200E/200CE/200TE	1992-93	R12	1250
200/200T/200E/200CE/200TE	1993-95	R134a	1150
200D/200TD/E200D/E220D	1985-93	R12	1100
200D/200TD/E200D/E220D	1985-93	R12	1250
200D/200TD/E200D/E220D	1993-96	R134a	1000
200D/200TD/E200D/E220D	1993-96	R134a	1150
200E/200CE/200TE/E200	1993-95	R134a	1000
220E/220CE/220TE	1992-93	R12	1100
220E/220CE/220TE/E220	1993-95	R134a	1000
220E/220CE/220TE/E220	1993-95	R134a	1150
230E/230CE/230TE	1987 -93	R12	1100
230E/230CE/230TE	1987-93	R12	1250
230E/230CE/230TE	1993	R134a	1000
230E/230CE/230TE	1993	R134a	1150
250D/250TD/E250D/E250TD	1985-93	R12	1100
250D/250TD/E250D/E250TD	1985-93	R12	1250
250D/250TD/E250D/E250TD	1993-96	R134a	1000
250D/250TD/E250D/E250TD	1993-96	R134a	1150
260E/280E/280TE/E280	1985-93	R12	1100
260E/280E/280TE/E280	1985-93	R12	1250
260E/280E/280TE/E280	1993-95	R134a	1000
260E/280E/280TE/E280	1993-95	R134a	1150
260SE/300SE/300SEL	1985-91	R12	1200
300D/300TD/E300D	1985-93	R12	1100
300D/300TD/E300D	1985-93	R12	1250
300D/300TD/E300D	1993-96	R134a	1100
300E/300CE/300TE/E300	1985-93	R12	1100
300E/300CE/300TE/E300	1985-93	R12	1250
300E/300CE/300TE/E300	1993	R134a	1000

## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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300E/300CE/300TE/E300	1992-93	R12	1250
300GE/G300	1989-93	R12	1000
300GE/G300	1993-95	R134a	
300SE 2,8/S280/S320	1992-98	R134a	1200
300SE 2,8/S280/S320	1992-98	R134a	1400
300SE/300SEL/400SE/400SELIS420	06.91-97	R134a	1400
300SE/300SEU400SE/400SEL	91-05.91	R12	1500
300SE/300SEU400SE/400SELIS420	06.91-97	R134a	1200
300SE/300SEU400SE/400SFI	91-05.91	R12	1300
300SLI500SU600SL	06.91-94	R134a	950
300SU500SL	89-05.91	R12	1100
320E/320CE/320TE/E320	1992-93	R12	1100
320E/320CE/320TE/E320	1993-95	R134a	1000
320E/320CE/320TE/E320	1993-95	R134a	1150
300E/300CE/300TE/E300	1993	R134a	1150
420SE/420SEC/420SEL	1989-91	R12	1200
500SE/500SE C/500S ELIS500	06.91-97	R134a	1400
500SE/500SEC/500SEL	91-05.91	R12	1300
500SE/500SEC/500SEL	91-05.91	R12	1500
500SE/500SEC/500SEL/S500	06.91-97	R134a	1200
500SE/500SEC/500SELI560SE	1989-91	R12	1200
600SE/600SEC/600SEL	91-05.91	R12	1500
600SEI600SEC/600SEL	91-05.91	R12	1300
600SEI600SEC/600SEUS600	06.91-97	R134a	1200
600SEI600SEC/600SELI600	06.91-97	R134a	1400
Classe A	1998-04	R134a	600
Classe C	2000-04	R134a	700
Classe C 1A 168 525,IF 164 270	1993-01	R134a	850
Classe C Diesel	1993-99	R134a	900
Classe C IA 168 524,IF 164269	1993-01	R134a	950
Classe E	1985-93	R12	1100
Classe E	1985-93	R12	1250
Classe E	1993-96	R134a	950
Classe E	1993-96	R134a	1150
Classe E	1995-02	R134a	1000
Classe E	2002-04	R134a	950

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## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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Classe M	1998-04	R134a	750
Classe S	91-06.91	R12	1300
Classe S	91-06.91	R12	1500
Classe S	1999-04	R134a	950
Classe S	1999-04	R134a	1050
Classe S1a 128 373	07.91-99	R 134a	1200
Classe S1a 128 373	07.91-99	R134a	1400
Classe S1a 128 374	07.91-99	R134a	1150
Classe S1a 128 374	07.91-99	R134a	1250
Classe V/ Vito - compressor 10PA17C	1995-04	R134a	900
Classe V/ Vito - compressor 7D7V16	1995-04	R134a	850
Classe V/ Vito - compressor 7S816	1995-04	R134a	850
Classe V/ Vito - compressor 7SB16/HH7	1995-04	R134a	1100
CLK	1997-04	R134a	850
S420/CS420/S500/CS500	1995-99	R134a	1400
S420/CS420/SS00/CSSOO	1995-99	R134a	1200
S600/CS600	1995-99	R134a	1200
S600/CS600	1995-99	R134a	1400
SL280/SL320/SL500/SL600	1993-01	R134a	950
SLK	1996-04	R134a	850
Sprinter	1995-04	R134a	700
<b>MINI</b>			
Mini One/Cooper	2001-04	R134a	400
<b>MITSUBISHI</b>			
3000 GT	1993-00	R134a	750
Carisma	1996-04	R134a	700
Carisma Diesel	1997-ü4	R134a	700
ColtLancer	1992-96	R134a	600
ColtLancer	1996-03	R134a	550
ColtLancer - compressor FX80	88-05.92	R12	1000
compressor FX105V	88-05.92	R12	1000
Galant	1993-97	R134a	650
Galant	1997-03	R134a	700
GalanUSapporo	1987-93	R12	1000
L200	1985-93	R12	800

## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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L200	1994-97	R134a	700
L200	1997-04	R134a	600
Lancer break	06.92- 11.93	R12	750
Lancer break	12.93-97	R134a	700
Lancer Estate/Kombi	06.92-93	R12	750
Lancer Estate/Kombi	1993-97	R134a	700
Shogun/Pajero	1991-94	R12	800
Shogun/Pajero	1994-00	R134a	650
Shogun/Pajero	2000-04	R134a	500
Shogun/Pajero	2000-04	R134a	800
Shogun/Pajero 2,6/2,5 Turbo D	1988-91	R12	900
Shogun/Pajero 3,0	1988-91	R12	900
Shogun/Pajero Pinin LHD	1999-04	R134a	600
Shogun/Pajero Pinin RHD	1999-04	R134a	550
Space Runner Sport Challenger	1998-04	R134a	650
Space Runner/Wagon	1991-93	R12	800
Space Runner/Wagon	1999-04	R134a	550
Space Runner/Wagon - compressor 10PA17	1993-98	R134a	700
Space Runner/Wagon 2,0 Diesel	92-11.93	R12	800
Space Runner{Wagon 2,0 Diesel	12.93-98	R14a	700
Space Star	1959-04	R134a	700
Space Wagon	1984-91	R12	900
Space Wagon 1,8 Diesel	1991-94	R12	900
<b>NISSAN</b>			
200SX (S13)	1989-94	R12	850
200SX (S14)	1994-00	R134a	700
300ZX (Z31)	1987-90	R12	1000
300ZX (Z32)	1990-93	R12	800
300ZX (Z32)	1994	R134a	600 _
Almera (N15) LHD - compressor Calsonic	1995-00	R134a	650
Almera (N15) LHD - compressor Zexel	1995-00	R134a	650
Almera (N15) P-HO- compres30r Zexel	1995-00	R134a	500
Almera (N15) RHD - compressor Calsonic	1995-00	R134a	500
Almera (N16)	2000-04	R134a	500
Almera Tino (V10)	2000-04	R134a	500

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Bluebird (T12172) LHD	1984-91	R12	1000
Bluebird (T12172) RHD	1984-91	R12	1000
Cabstar (F23)	92-05.94	R12	550
Cabstar (F23)	06.94-00	R134a	650
Cabstar Diesel	1982-92	R12	950
Cherry Diesel (N12)	1982-86	R12	900
Inlerstar	2002-04	R134a	850
Inlerstar -	2002-04	R134a	1400
Laurel Diesel (C32)	1985-89	R12	900
Maxima (J30)	1988-94	R12	850
Maxima QX (A33)	2000-02	R134a	650
Micra (K11)	92-03.94	R12	700
Micra (K11)	04.94-00	R134a	450
Micra (K11)	2000-02	R134a	500
Micra (K12)	2003-04	R134a	500
Palrol Diesel (160)	1982-89	R12	1100
Palrol Diesel (Y60)	1992-98	R134a	1000
Palrol Diesel (Y61)	1998-04	R134a	800
Palrol GR (Y60)	87-06.94	R12	1000
Palrol GR (Y60)	07.94-98	R134a	600
Pick-up (D21)	03.92-98	R134a	800
Pick-up (D22)	1998-04	R134a	550
Prairie (M 1 O)	1986-89	R12	1400
Prairie (M10)	1986-89	R12	1000
Prairie 2,0 (M 11)	1989-94	R12	900
Prairie 2,4 (M 11) LHD	1992-95	R12	900
Prairie 2,4 (M11) RHD	1992-95	R12	750
Primaster	2002-04	R134a	700
Primera (P10)	09.93-96	R134a	750
Primera (P10) LHD	90-08.93	R12	750
Primera (P10) RHD	90-08.93	R12	800
Primera (P11)	1996-99	R134a	600
Primera (P12)	2002-04	R134a	500
Primera (W10)	90-08.93	R12	750
Primera (W10) - compressor Calsonic	09.93-96	R134a	600
Primera (W10) - compressor Zexel	09.93-96	R134a	600

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Primera 1,6 - eng/mot GA16DE (P11-144)	1999-01	R134a	600
Primera 1,6 - eng/mot GA16DE (P11-144)	2001-02	R134a	600
Primera 1,8/2,0 (P11-144)	1999-02	R134a	600
Primera 2,0 D Turbo (P11-144)	1999-02	R134a	600
Primera Diesel (P10)	1991-96	R134a	800
QX (A32)	1994-00	R134a	650
SerenaNanette Cargo RHD	92-06.96	R134a	650
SerenaNanette Cargo LHD	07.96-04	R134a	650
SerenaNanette Cargo LHD	07.96-04	R134a	700
SerenaNanette Cargo RHD	92-06.96	R134a	800
Silvia	1984-89	R12	1000
Sunny Estale/Kombi (Y10) LHD	09.92-03.94	R134a	750
Sunny Estate/Kombi (Y10)	90-08.92	R134a	600
T errano/WagonI Pick-up (D21)	1987-92	R12	850
Terrano 11 (R20)	1993-02	R134a	750
Urvan (E24)	86-06.94	R12	850
Urvan (E24)	07.94-96	R134a	950
Urvan (E24) -	07.94-96	R134a	1200
Urvan (E24) -	1987-96	R12	1350
Urvan Diesel (E23)	1984-87	R12	950
Urvan Diesel (E24)	1987-96	R12	850
Vanette (C22)	1986-94	R12	1000
Vanette Cargo Diesel	1995-99	R134a	850
Vanette Diesel (C120)	1984-86	R12	1250
Vanette Diesel (C22)	1986-94	R12	1250
Vanette Diesel (C22) -	1986-94	R12	1450
X-Trail2.2 D Turbo (T30)	2001-02	R134a	500
X-Trail (T30)	2001-04	R134a	500

Montadora/ Modelo	Ano	Fluido	Qtd Aprox. +/- 50g.
<b>PEUGEOT</b>			
106	1997-03	R134a	800
205	1993-98	R134a	650
205	1986-93	R12	900

## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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206	1998-04	R134a	700
305	1985-90	R12	800
306	1993-97	R134a	900
306	1997-02	R134a	700
307	2001-04	R134a	600
309	1986-93	R12	900
405	1987-93	R12	900
405	1994-97	R134a	650
505	1984-91	R12	1000
605	1989-93	R12	1100
605	1994-99	R134a	850
607	2000-04	R134a	600
806	1994-02	R134a	750
807	2002-04	R134a	600
406 V6	1999-04	R134a	750
Boxer 11	2002-04	R134a	1000
Expert	1995-04	R134a	1000
Partner	1996-04	R134a	750
<b>PORSCHE</b>			
911	1984-93	R12	1350
911	1993-97	R134a	800
911	1997-04	R134a	900
928	1990-93	R12	950
944	1985-92	R12	950
968	1992	R12	950
968	1993	R134a	850
Boxter	1997-04	R134a	850
<b>RENAULT</b>			
Alpine	1992-94	R12	1150
Alpine	1992-97	R12	1150
Avantime 2,Oi Turbo	2000-04	R134a	900
Avantime 3,Oi 24v	2000-04	R134a	900
Clio	1990-94	R12	950
Clio	1994-98	R134a	650
Clio 2	1998-04	R134a	650
Clio 2 2,0 16V	1998-04	R134a	700

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## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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Espace	1991-94	R12	1400
Espace	1994-97	R134a	1250
Espace	1996-04	R134a	900
Espace 1,9 D Turbo	1999-04	R134a	700
Espace 2,2 D Turbo	1996-04	R134a	700
Espace V6 24V	1998-04	R134a	900
Extra/Express/Rapid	1992-94	R12	850
Extra/Express/Rapid	1992-94	R12	850
Extra/Express/Rapid	1994-01	R134a	700
Kangoo	1998-04	R134a	650
Laguna	1994-01	R134a	700
Laguna	2000-04	R134a	650
Laguna 1,6/1,8 16V	1998-01	R134a	700
Laguna 1,9 O Turbo	1998-99	R134a	700
Laguna 2,0 - eng.lmot. F3P 670/674	1994-01	R134a	800
Laguna 2,0 16V - eng.lmot. r.."	1999-01	R134a	650
Laguna 2,0 16V - eng.lmot. N7Q	1996-99	R134a	800
Laguna 2,2 013,0	1994-01	R134a	800
Laguna 2,2 O Turbo	1996-99	R134a	700
Laguna 3,0	1994-99	R134a	800
Laguna 3,0 24V	1997-99	R134a	800
Master	1998-02	R134a	850
Mégane	2002-04	R134a	550
Mégane - compressor Delphi	1995-99	R134a	750
Mégane - compressor Sanden	1995-99	R134a	750
Mégane - compressor Delphi	1999-02	R134a	750
Mégane iesel	1995-99	R134a	750
Mégane Scenic	1996-99	R134a	800
R19	1994-96	R134a	800
R21	1994-95	R134a	750
R5	1985-94	R12	800
R9/1 1 D	1983-89	R12	800
Safrane	1995-01	R134a	850
Scenic	1999-04	R134a	700
Twingo	1993-04	R134a	650

ROVER

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820	1991-94	R12	1000
820	1994-99	R134a	650
825	1996-99	R134a	650
827	1991-94	R12	1000
827	1994-96	R134a	650
216/218 Coupé/Cabrio LHD	1996-99	R134a	650
416 Tourer LHD	1996-99	R134a	650
416 TourerRHD	1996-99	R134a	550
600 Series	1993-99	R134a	750
800 Series	1986-91	R12	1000
8252,5 D Turbo	1996-99	R134a	650
MGF A T	1995-04	R134a	700
MGF MT	1995-04	R134a	600
Series 200	1989-94	R12	950
Series 200	1994-95	R134a	700
Series 200 Coupe/Cabrio RHD	1996-99	R134a	550
Series 200 LHD	1995-99	R134a	650
Series 200 RHD	1995-99	R134a	550
Series 25 LHD/MG ZR LHD	1999-04	R134a	650
Series 25 RHD/MG ZS RHD	1999-04	R134a	550
Series 400	1989-94	R12	950
Series 400	1994-95	R134a	700
Series 400 LHO	1995-99	R134a	650
Series 45 RHD/MG ZS RHD	1999-04	R134a	550
<b>SAAB</b>			
9000	1987-93	R12	1350
9000	1990-91	R12	1350
90002,3	1992-98	R134a	950
90/900 - compressor Clarion	1984-93	R12	1050
90/900 - compressor Sankyo/Seiko	1984-93	R12	1000
900 2,0	1993-96	R134a	700
900 2,0	1997-98	R134a	700
900 2,3	1993-98	R134a	700
9000 2,0	1987-93	R12	1100
9000 2,0	1993-99	R134a	950
9000 2,3	1990-91	R12	1100

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9000 Sanden	1992-98	R134a	950
9000 Seiko-Seiki	1992-98	R134a	950
9-3	1998-03	R134a	800
9-3	2002-04	R134a	650
9-3 Diesel	1998-03	R134a	800
9-5	1997-04	R134a	850
<b>SEAT</b>			
Alhambra	1996-00	R134a	1000
Alhambra	2000-04	R134a	750
Arosa - compressor Sanden S07B10	1997-00	R134a	750
Arosa - compressor SD6V12	2000-04	R134a	750
Ibiza/Cordoba	1999-02	R134a	800
Ibiza/Cordoba	2002-04	R134a	550
Ibiza/Cordoba LHD	1993-99	R134a	850
Inca LHO	1995-04	R134a	850
Leon	1999-04	R134a	800
T oledo	1991-93	R12	950
T oledo	1999-04	R134a	800
<b>SMART</b>			
Smart Passion	1998-04	R134a	600
Smart Puls	1998-04	R134a	600
Smart Pure	1998-04	R134a	600
<b>SKODA</b>			
Dctavia	1996-04	R134a	800
Fabia	1999-04	R134a	550
Felicia 1,3	1996-01	R134a	750
Felicia 1,6	1996-01	R134a	750
Superb	2002-04	R134a	600
<b>SSANGYONG</b>			
Korando	1997-99	R134a	700
Musso	1996-99	R134a	700
<b>SUBARU</b>			
Forester LHO	1997-04	R134a	600
Forester RHO	1997-04	R134a	700
Impreza	1993	R12	700
Impreza	1994-96	R134a	650

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Impreza	2000-04	R134a	500
Impreza LHO	1997-00	R134a	600
Legacy	1994-95	R134a	650
SVX	1994-97	R134a	650
<b>SUZUKI</b>			
Alto	1997-04	R134a	550
Baleno	1995-02	R134a	600
Cappuccino	1993-96	R134a	600
Grand Vitara	1998-04	R134a	550
Ignis	2001-04	R134a	350
Jimny	1998-04	R134a	550
Liana	2000-04	R134a	500
Swift	1985-91	R12	700
Wagon R	1997-00	R134a	550
Wagon R	2000-04	R134a	500
<b>TOYOTA</b>			
4Runner	1990-93	R12	
4Runner LHO	1993-96	R134a	750
4Runner RHD	1993-96	R134a	700
Avensis	1998-03	R134a	450
Avensis Verso	2000-04	R134a	500
Camry	1986-91	R12	700
Camry	1991-93	R12	950
Camry	1994-96	R134a	950
Camry	1996-01	R134a	800
Camry LHD	2001-04	R134a	550
Camry RHD	2001-04	R134a	600
Carina	1988-93	R12	700
Carina E	1992-98	R134a	750
Celica	1986-89	R12	800
Celica	1990-94	R12	750
Celica	1994-99	R134a	650
Celica	1999-04	R134a	450
Corolla	1993-94	R12	750
Corolla	1994-97	R134a	700
Corolla	1997-02	R134a	650

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Corolla	1987 -92	R12	700
Corolla 1,9D made in GB	2000	R134a	450
Corolla 1,9D made in Japan	2000	R134a	650
Corolla Verso 2,0 D4D	2002-04	R134a	550
Corolla/Corolla Verso	2002-04	R134a	500
Corolla/Tercel4x4	1988-92	R12	650
Dyna	1988-94	R12	700
Hi-Ace	1989-95	R12	850
Hi-Lux	1989-93	R12	750
Hi-Lux	1993-96	R134a	750
HI-Lux	1997-04	R134a	550
Lamdruiser 4,5	1995-98	R134a	
Landcruiser 2.4	1985-94	R12	900
Landcruiser 2.4	1985-94	R12	1600
Landcruiser 3,0 Turbo O	1993-96	R134a	900
Landcruiser 3,0 Turbo O	1993-96	R134a	1600
Landcruiser 3.4	1996-04	R134a	700
Landcruiser 3.4	1996-04	R134a	950
Landcruiser Amazon 4,2 Turbo O	1990-94	R12	900
Landcruiser Amazon 4,2 Turbo O	1990-94	R12	1350
Landcruiser Amazon 4,2 Turbo O	1995-98	R134a	850
Landcruiser Amazon 4.7/4,2 Turbo O	1998-04	R134a	
Landcruiser Colorado/ PRADO	1997-04	R134a	700
Landcruiser Colorado/ PRADO	1997-01	R134a	950
Landcruiser Diesel	1985-90	R12	700
Landcruiser Diesel	1985-90	R12	1400
Landcruiser Diesel	1990-95	R12	900
Landcruiser Diesel - 2 evaporadores	1990-95	R12	1600
Lite-Ace	1989-95	R12	1400
MR2	1985-90	R12	800
MR2	90-10.93	R12	850
MR2	11.93-99	R134a	850
MR2	1999-04	R134a	500
Paseo	1996-99	R134a	600
Picnic	1996-01	R134a	750
Previa	90-07.93	R12	950

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## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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Previa	0-07.93	R12	1400
Previa	08.93-00	R134a	900
Previa	08.93-00	R134a	1150
Previa	2000-04	R134a	700
Previa	2000-04	R134a	900
RAV4	1994-00	R134a	700
RAV4	2000-04	R134a	500
Spacecruiser Model-F	1985-90	R12	1400
Starlet	1985-93	R12	700
Starlet	1994-96	R134a	
Starlet	1996-99	R134a	600
Supra	1986-93	R12	800
Supra	1993-97	R134a	700
Yaris	99-07.99	R134a	450
Yaris	08.99-04	R134a	450
Yaris Verso	2000-04	R134a	450

### VOLKSWAGEN

Beetle	1998-04	R134a	750
Caddy	1995-03	R134a	850
Caddy - compressor Sanden SDV710	1983-92	R12	900
Caddy - compressor York	1983-92	R12	900
Corrado	07.92-95	R134a	900
Corrado - compressor Sanden SDV710	89-06.92	R12	1150
Corrado - compressor York	89-06.92	R12	1150
Gol - Saveiro- Parati G2	1997	R134a	750
Gol - Saveiro- Parati G3	2002	R134a	750
Golf Cabrio - compressor 8anden SD508	1983-93	R12	900
Golf Cabrio - compressor 8anden SD709	1983-93	R12	900
Golf Cabrio - compressor 8anden SDV710	1983-93	R12	900
Golf Cabriolel- compressor York	1983-93	R12	900
Golf/Jella - compressor Sanden SDV710	1985-92	R12	1100
Golf/Jella - compressor York	1985-92	R12	1100
Golf/Jetta - compressor 8anden SD510	1985-92	R12	1100
Golf/Jetta - compressor Sanden SD508	1985-92	R12	1100
Golf/Jetta - compressor Sanden SD709	1985-92	R12	1100
Golf/Bora	1997-04	R134a	800

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Lupo - compressor Calsonic	06.99-04	R134a	600
Lupo - compressor Denso	11.00-04	R134a	600
Lupo - compressor Sanden	1998-00	R134a	750
Passat	88-06.92	R12	1250
Passat	07.92-97	R134a	1150
Passat (b5)	2000-04	R134a	600
Passat -compressor Sanden SD510	88-06.92	R12	1250
Passat -compressor Sanden SD709	88-06.92	R12	1250
Passat -compressor York	88-06.92	R12	1250
Passat LHO - compressor Denso	1996-00	R134a	700
Passat RHD - compressor Zexel	1996-00	R134a	750
Passat RHO - compressor Denso	1996-00	R134a	750
Passat W8 LHO	2000-04	R134a	500
Passat-compressor Sanden SDV710	88-06.92	R12	1250
Polo - compressor Sanden SD6V12	10.99-01	R134a	550
Polo - compressor SD7B10	94-09.99	R134a	750
Polo Classic	96-09.99	R134a	850
Polo - Fox	2002-07	R134a	550
Polo Classic/Estate/Kombi	10.99-02	R134a	850
Polo Estate/Kombi	97-09.99	R134a	850
Santana- Quantum	1986-05	R12	1000
Santana- Quantum	1996	R134a	750
Scirocco - compressor Sanden SDV710	1983-92	R12	900
Scirocco - compressor York	1983-92	R12	900
Sharan	1995-00	R134a	1000
Sharan	2000-04	R134a	750
Transporter	1982-90	R12	1350
Transporter	90-04.92	R12	1100
Transporter - compressor Sanden SD7V16	1995-04	R134a	1000
Transporter - compressor Sanden SD7V16	1995-04	R134a	1400

### VOLVO

440/460/480 - compressor Sanden	1988-93	R12	900
440/460/480 - compressor Sanden	1994-97	R134a	650
440/460/480 - compressor Zexel	1988-93	R12	900
440/460/480 - compressor Zexel	1994-97	R134a	650
740/760	1985-90	R12	1200

## GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA

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740/760 - compressor Sanden	1992	R12	950
740/760 - compressor Zexel	1992	R12	950
740/760 16V/Diesel- compressor Sanden	1992	R12	1050
740/760/780 Diesel	1985-91	R12	1200
7401760 16V/Diesel- compressor Zexel	1992	R12	1050
7401760 B200/B230	1985-90	R12	1200
7602,81 - 740/760 - compressor Sanden	1991	R12	1100
7602,81 - compressor Sanden SD709	1986-91	R12	1100
7602,81 - compressor Volvo	1986-91	R12	1100
7602,81 - compressor Zexel	1991	R12	1100
850/SN70	1991-00	R134a	800
940 - compressor Sanden	1991	R12	1100
940 - compressor Sanden	1993-98	R134a	950
940 - compressor Seiko	1993-98	R134a	950
940 - compressor Zexel	1991	R12	1100
940 16V/Diesel- compressor Sanden	1992	R12	1050
940 16V/Diesel- compressor Zexel	1992	R12	1050
940 -compressor Zexel	1993-98	R134a	950
940/960 - compressor Sanden	1992	R12	950
940/960 - compressor Zexel	1992	R12	950
940/960 Diesel - compressor Sanden	1993-97	R134a	900
940/960 Diesel - compressor Seiko	1993-97	R134a	900
940/960 Diesel - compressor Zexel	1993-97	R134a	900
9402,0 16V Turbo - compressor Sanden	1991	R12	1000
9402,0 16V Turbo - compressor Zexel	1991	R12	1000
960 - compressor Sanden	1991	R12	1250
960 - compressor Zexel	1991	R12	1250
960/S90N90 - compressor Sanden	1993-99	R134a	900
960/S90N90 - compressor Seiko	1993-99	R134a	900
960/S90N90 - compressor Zexel	1993-99	R134a	900
C70	1998-04	R134a	800
S/V90 - compressor Sanden	1997-99	R134a	900
S/V90 - compressor Zexel	1997-99	R134a	900
S/V90 - compressor Zexel	1997-99	R134a	900
S40N40	1997-04	R134a	900
S40N40 1,8 GDI	1998	R134a	750

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**GRUPO DOS PROFISSIONAIS DA REPARAÇÃO AUTOMOTIVA**  
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S40N40 1.8 GDI	1999-04	R134a	850
S40N40 Diesel	1996-98	R134a	900
S40N40 Diesel	1999-04	R134a	850
S60	2000-04	R134a	1000
S80	1998-04	R134a	1000
S/V70	1997-00	R134a	800
V70	2000-04	R134a	1000
V70 2,4	2000	R134a	750