



Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety measures when working on vehicles with a start/stop system	1
1.2 Safety precautions when using testers and measuring instruments during a road test	2
1.3 Safety measures when working with pyrotechnic components	2
1.4 Storage, transportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components)	4
1.5 Additional safety regulations for side airbag	4
1.6 Safety instructions for airbag	5
1.7 Additional safety instructions for curtain airbag	5
1.8 Safety regulations for crash sensors (pressure sensors) for front side airbags	5
1.9 Checking seat belts	6
1.10 Renewing airbag unit after an accident	9
1.11 Deactivating the airbag	10
1.12 Safety instructions for automatic anti-dazzle interior mirror	11
2 Repair notes	12
2.1 General repair instructions	12
2.2 Contact corrosion	12
2.3 Pipe/wire routing and attachment	12
68 - Interior equipment	14
1 Compartments/covers	14
1.1 Top dash panel middle trim	14
1.2 Removing and installing frame of Climatronic	19
1.3 Removing and installing trim for Climatronic	21
1.4 Removing and installing trim for operating and display unit	22
1.5 Removing and installing ambient lighting trim	25
1.6 Removing and installing middle part of middle storage compartment	26
1.7 Removing and installing top centre storage compartment	28
1.8 Removing and installing covers on side of dash panel	30
1.9 Removing and installing glove compartment	33
1.10 Removing and installing lock cylinder for glove compartment	33
1.11 Removing and installing airbag storage tray	37
1.12 Removing and installing trim on driver side	38
1.13 Removing and installing cover on front passenger side	40
1.14 Removing and installing left dash panel facing trim	42
1.15 Removing and installing right dash panel facing trim	44
1.16 Removing and installing holder for vehicle identification number	44
1.17 Removing and installing vent housing	45
1.18 Removing and installing steering column trim	46
2 Equipment	51
2.1 Removing and installing sun visor	51
2.2 Removing and installing grab handle	53
2.3 Removing and installing front and rear roof grab handles	57
2.4 Removing and installing handbrake lever handle	59
3 Centre console	61
3.1 Removing and installing centre console	61
3.2 Removing and installing cup holder	65
4 On inside	67
4.1 Assembly overview - interior mirror	67
4.2 Removing and installing interior mirror	70
4.3 Repairing interior mirror retaining plate	73
4.4 Removing and installing rain and light sensor G397	76



69 - Passenger protection	77
1 Seat belts	77
1.1 Removing and installing front three-point seat belt	77
1.2 Removing and installing belt height adjuster	79
1.3 Removing and installing front belt buckle	81
1.4 Removing and installing rear three-point seat belt	82
1.5 Removing and installing centre rear seat belts	84
1.6 Removing and installing rear belt buckles	86
2 Airbag system	89
2.1 Overview of fitting locations - airbag system	89
3 Airbag control unit	90
3.1 Assembly overview - airbag control unit	90
3.2 Removing and installing airbag control unit J234	90
4 Driver's airbag	94
4.1 Removing and installing airbag unit with igniter	94
4.2 Removing and installing return spring with slip ring	97
5 Airbag unit on front passenger side	98
5.1 Removing and installing airbag unit on front passenger side	98
6 Side airbag	103
6.1 Removing and installing side airbag	103
7 Airbag crash sensors	107
7.1 Overview of fitting locations - airbag crash sensors	107
7.2 Removing and installing side airbag crash sensor on driver side G179 / side airbag crash sensor on front passenger side G180	107
7.3 Removing and installing front airbag crash sensor for driver side G283 / front airbag crash sensor for front passenger side G284	110
70 - Trim, insulation	114
1 Front door trims	114
1.1 Removing and installing front door trim	114
1.2 Removing and installing front door trim cover	121
1.3 Removing and installing window winder	123
1.4 Impact padding in front door trim panel	124
2 Rear door trim	125
2.1 Removing and installing rear door trim, vehicles up to 2013	125
2.2 Removing and installing rear door trim, vehicles as of 2013	128
2.3 Removing and installing real window handles	131
3 Dash panel	133
3.1 Overview of fitting locations - dash panel	133
3.2 Removing and installing dash panel trim	134
3.3 Removing and installing dash panel	136
3.4 Removing and installing dash panel vents	143
4 Central tube for dash panel	147
4.1 Assembly overview - central tube for dash panel	147
4.2 Removing and installing central tube for dash panel	147
5 Interior trims	150
5.1 Removing and installing front sill panel moulding	150
5.2 Removing and installing rear step insert	151
5.3 Removing and installing upper A-pillar trims	151
5.4 Removing and installing lower A-pillar trim (driver's side)	153
5.5 Removing and installing lower A-pillar trim (front passenger's side)	154
5.6 Removing and installing B-pillar trims - double cab	155
5.7 Removing and installing B-pillar trims - single cab	157



5.8	Removing and installing C-pillar trims	161
5.9	Removing and installing foot rest	163
5.10	Removing and installing floor covering, double cab	164
5.11	Removing and installing floor covering, single cab	167
6	Back panel trim	172
6.1	Removing and installing back panel trim	172
7	Tailgate trim	174
7.1	Removing and installing tailgate trim	174
8	Roof trims	176
8.1	Assembly overview - filler pieces	176
8.2	Removing and installing moulded headliner, double cab	178
8.3	Removing and installing moulded headliner, single cab	179
9	Insulation	181
9.1	Assembly overview - plenum chamber bulkhead insulation	181
9.2	Assembly overview - plenum chamber insulation	182
9.3	Assembly overview - fresh air intake insulation	183
9.4	Assembly overview - A-pillar insulation foam	184
9.5	Assembly overview - tunnel insulation	185
9.6	Assembly overview - inner plenum chamber bulkhead insulation	186
9.7	Removing and installing tunnel insulation	187
9.8	Removing and installing insulation mat	188
72	Seat frames	189
1	Front seats	190
1.1	Overview of fitting locations - seat variants	191
1.2	Overview of fitting locations - electrical and electronic components	192
1.3	Assembly overview - front seat, electrically adjustable seat	193
1.4	Assembly overview - front seat, trims	195
1.5	Assembly overview - seat pan	200
1.6	Assembly overview - head restraint	203
1.7	Assembly overview - front backrest	204
1.8	Removing and installing front seat	206
1.9	Connecting and disconnecting airbag adapter	213
1.10	Removing and installing seat height adjustment unit	214
1.11	Removing and installing seat rake adjustment unit	216
1.12	Removing and installing driver seat longitudinal adjustment motor	216
1.13	Removing and installing backrest adjustment unit	216
1.14	Removing and installing seat rails	216
1.15	Removing and installing seat trims	219
1.16	Removing and installing storage compartment and drawer	228
1.17	Removing and installing fire-extinguisher holder	232
1.18	Removing and installing head restraint of front seat	234
1.19	Removing and installing head restraint guides of front seat	236
1.20	Removing and installing front backrest (4-door models)	237
1.21	Removing and installing front backrest (2-door models)	242
1.22	Removing and installing adjustment wheel for lumbar support	247
1.23	Removing and installing backrest cover panel	247
1.24	Removing and installing lumbar support	248
1.25	Removing and installing lumbar support adjustment switch E176 / E177	251
1.26	Removing and installing driver seat adjustment operating unit E470 / E471	252
1.27	Removing and installing seat depth adjustment unit	252
2	Rear seats	256
2.1	Assembly overview - rear seat	256
2.2	Removing and installing rear seat	256
2.3	Removing and installing backrest	258



2.4	Removing and installing head restraint guides of backrest	260
2.5	Seat catches - attachments	261
74	Seat - padding, covers	262
1	Front seat covers and padding	262
1.1	Removing and installing front seat cushion cover and padding	262
1.2	Removing and installing cover and padding of front seat backrest	265
1.3	Seat heater element	268
1.4	Removing and installing backrest heater element	271
1.5	Removing and installing head restraint cover and padding of front seat	272
2	Rear seat covers and padding	273
2.1	Clip positions for upholstery clips, right and left bench seat	273
2.2	Removing and installing cover and padding for right bench seat	274
2.3	Removing and installing cover and padding for left bench seat	276
2.4	Clip positions for upholstery clips, backrest	279
2.5	Removing and installing backrest cover and backrest padding	279