

## Contents

<b>00 - Technical data</b> .....	<b>1</b>
<b>1 Safety information</b> .....	<b>1</b>
1.1 Safety precautions when working on pyrotechnic components .....	1
1.2 Safety precautions when working on vehicles with start/stop system .....	3
1.3 Storing, transporting and disposing of airbag units, belt tensioner units and battery isolators (pyrotechnic components) .....	3
1.4 Additional safety regulations for side airbags .....	4
1.5 Additional safety regulations for curtain airbags .....	5
1.6 Safety regulations for crash sensors (pressure sensors) for front side airbag .....	5
1.7 Additional safety regulations for working on seat occupied sensor controlling deactivation of front passenger airbag - country-specific version .....	6
1.8 Procedure for dealing with seat occupied sensor controlling deactivation of front passenger airbag following an accident - country-specific version .....	7
1.9 Renewing pyrotechnic, electrical and mechanical components of the restraint system following an accident .....	7
1.10 Checking airbag mounting components following an accident .....	9
1.11 Accident in which no airbag was triggered .....	10
1.12 Checking seat belts .....	10
1.13 Checking belt webbing .....	10
1.14 Checking automatic belt retractor (locking action) .....	11
1.15 Visual inspection of belt buckle .....	12
1.16 Functional check of belt buckle .....	12
1.17 Checking guide fittings and latch plate .....	12
1.18 Checking securing components and anchorage points following an accident .....	12
1.19 Checking child seat restraint function of seat belt for additional child seats (not for driver seat belt; country-specific version) .....	13
1.20 Checking child seat anchors following an accident .....	13
1.21 Safety regulations for automatic anti-dazzle interior mirror .....	14
<b>2 Repair instructions</b> .....	<b>15</b>
2.1 Contact corrosion .....	15
2.2 Routing and attachment of pipes, hoses and wiring .....	15
<b>68 - Interior equipment</b> .....	<b>16</b>
<b>1 Storage compartments/covers/trim panels</b> .....	<b>16</b>
1.1 Overview of fitting locations - storage compartments/covers/trim panels .....	16
1.2 Assembly overview - dash panel cover (driver side) .....	17
1.3 Assembly overview - steering column trim .....	18
1.4 Assembly overview - glove compartment .....	19
1.5 Removing and installing dash panel cover (driver side) .....	21
1.6 Removing and installing gap cover for dash panel insert .....	23
1.7 Removing and installing upper steering column trim .....	25
1.8 Removing and installing lower steering column trim .....	26
1.9 Removing and installing glove compartment opening mechanism .....	27
1.10 Removing and installing glove compartment .....	28
1.11 Removing and installing glove compartment cover .....	34
1.12 Removing and installing restrictor for glove compartment cover .....	35
<b>2 Equipment</b> .....	<b>36</b>
2.1 Assembly overview - sun visors .....	36
2.2 Removing and installing sun visor .....	37
2.3 Removing and installing sun visor centre mount .....	37
2.4 Removing and installing grab handle .....	38
<b>3 Centre console</b> .....	<b>40</b>
3.1 Assembly overview - centre console .....	40
3.2 Removing and installing rear centre console trim .....	48



3.3	Removing and installing cover for centre console	49
3.4	Removing and installing front ashtray	51
3.5	Removing and installing ashtray trim (front)	52
3.6	Removing and installing centre console insert	52
3.7	Removing and installing front centre console storage compartment	54
3.8	Removing and installing front centre console footwell trim	54
3.9	Removing and installing centre console	55
3.10	Removing and installing trim panel for centre console	57
3.11	Removing and installing cup holder	58
3.12	Removing and installing brackets for centre console	59
<b>4</b>	<b>Front centre armrest</b>	<b>61</b>
4.1	Assembly overview - front centre armrest	61
4.2	Removing and installing front centre armrest	62
4.3	Removing and installing upper part of centre armrest	63
<b>5</b>	<b>Interior mirror</b>	<b>65</b>
5.1	Assembly overview - interior mirror	65
5.2	Removing and installing interior mirror	66
5.3	Switching automatic anti-dazzle function on and off	69
5.4	Switching compass display on and off	69
5.5	Setting magnetic deflection zone	70
5.6	Calibrating digital compass	70
5.7	Adjusting automatic anti-dazzle interior mirror for right-hand drive or left-hand drive vehicles	71
5.8	Selecting the applicable deflection zone from the map	72
5.9	Checking operation of automatic anti-dazzle interior mirror	77
<b>69</b>	<b>Passenger protection</b>	<b>79</b>
<b>1</b>	<b>Seat belts</b>	<b>79</b>
1.1	Overview of fitting locations - seat belts and anchorage points	79
1.2	Assembly overview - front three-point seat belt	81
1.3	Assembly overview - rear outer three-point seat belt	83
1.4	Assembly overview - rear centre three-point seat belt	84
1.5	Assembly overview - front belt buckle	85
1.6	Assembly overview - rear belt buckle	87
1.7	Removing and installing front three-point seat belt	89
1.8	Removing and installing rear three-point seat belt	92
1.9	Removing and installing rear belt guide	98
1.10	Removing and installing front belt guide	100
1.11	Removing and installing front belt end fitting	101
1.12	Removing and installing rear outer belt end fitting	103
1.13	Removing and installing belt height adjuster	104
1.14	Removing and installing front belt buckle	106
1.15	Removing and installing rear belt buckle	109
<b>2</b>	<b>Child seat anchors</b>	<b>111</b>
2.1	Assembly overview - front child seat anchors	111
2.2	Assembly overview - rear child seat anchors	111
2.3	Removing and installing front child seat anchor	113
2.4	Removing and installing rear child seat anchor	114
<b>3</b>	<b>Airbag system</b>	<b>116</b>
3.1	Overview of fitting locations - airbag system	116
<b>4</b>	<b>Airbag control unit</b>	<b>119</b>
4.1	Assembly overview - airbag control unit	119
4.2	Removing and installing airbag control unit J234	119
<b>5</b>	<b>Battery isolation igniter</b>	<b>122</b>
5.1	Assembly overview - battery isolation igniter	122

5.2	Removing and installing battery isolation igniter	122
<b>6</b>	<b>Driver airbag</b>	<b>126</b>
6.1	Assembly overview - driver airbag	126
6.2	Removing and installing airbag unit with igniters	128
6.3	Renewing connector at airbag	130
<b>7</b>	<b>Front passenger airbag</b>	<b>133</b>
7.1	Assembly overview - front passenger airbag	133
7.2	Removing and installing front passenger airbag unit with igniters	135
7.3	Removing and installing key-operated switch to deactivate airbag on front passenger side	137
<b>8</b>	<b>Side airbags</b>	<b>140</b>
8.1	Assembly overview - front side airbag	140
8.2	Assembly overview - rear side airbag	142
8.3	Removing and installing front side airbag with igniter	144
8.4	Removing and installing rear side airbag with igniter	147
<b>9</b>	<b>Curtain airbags</b>	<b>149</b>
9.1	Assembly overview - curtain airbag	149
9.2	Removing and installing curtain airbag with igniter	149
<b>10</b>	<b>Knee airbags</b>	<b>156</b>
10.1	Assembly overview - knee airbag	156
10.2	Removing and installing knee airbag with igniter	159
<b>11</b>	<b>Crash sensors for airbags</b>	<b>164</b>
11.1	Overview of fitting locations - crash sensors for airbags	164
11.2	Removing and installing front airbag crash sensor G283/G284	166
11.3	Removing and installing front side airbag crash sensor G179/G180	167
11.4	Removing and installing rear side airbag crash sensor G256/G257	169
<b>12</b>	<b>Seat position sensor</b>	<b>172</b>
12.1	Assembly overview - seat position sensor	172
12.2	Removing and installing seat position sensor	172
<b>13</b>	<b>Belt-fastened recognition system</b>	<b>177</b>
13.1	Removing and installing seat occupied sensor on front passenger side G128	177
<b>14</b>	<b>Seat occupied recognition system</b>	<b>181</b>
14.1	Overview of fitting locations - seat occupied recognition system	181
14.2	Removing and installing seat occupied sensor	185
<b>70</b>	<b>Trim, insulation</b>	<b>188</b>
<b>1</b>	<b>Front door trim</b>	<b>188</b>
1.1	Assembly overview - front door trim	188
1.2	Removing and installing mid-range loudspeaker trim	192
1.3	Removing and installing bass loudspeaker trim	192
1.4	Removing and installing trim panel	193
1.5	Removing and installing front door trim	194
1.6	Removing and installing front armrest	198
1.7	Removing and installing switch trim	199
1.8	Removing and installing trim for mirror cover	200
1.9	Removing and installing interior door handle	200
<b>2</b>	<b>Rear door trim</b>	<b>202</b>
2.1	Assembly overview - rear door trim	202
2.2	Removing and installing bass loudspeaker trim	204
2.3	Removing and installing treble loudspeaker trim	205
2.4	Removing and installing trim panel	206
2.5	Removing and installing interior door handle	207
2.6	Removing and installing rear door trim	208
2.7	Removing and installing rear armrest	210
2.8	Removing and installing rear ashtray	211



<b>3</b>	<b>Dash panel</b>	<b>213</b>
3.1	Assembly overview - dash panel	213
3.2	Removing and installing dash panel cover (side)	220
3.3	Removing and installing trim panel for dash panel	221
3.4	Removing and installing dash panel cover	223
3.5	Removing and installing loudspeaker trim	226
3.6	Removing and installing retaining frame for dash panel insert	229
3.7	Removing and installing dash panel	230
3.8	Removing and installing dash panel vents	235
3.9	Removing and installing front centre defroster vent	237
3.10	Removing and installing side defroster vent	238
<b>4</b>	<b>Central tube for dash panel</b>	<b>240</b>
4.1	Assembly overview - central tube for dash panel	240
4.2	Removing and installing central tube for dash panel	243
4.3	Removing and installing mounting bracket	248
4.4	Removing and installing bracket/support for central tube for dash panel	249
4.5	Removing and installing glove compartment bracket	251
<b>5</b>	<b>Passenger compartment trim panels</b>	<b>253</b>
5.1	Overview of fitting locations - passenger compartment trim panels	253
5.2	Assembly overview - sill panel moulding	254
5.3	Assembly overview - A-pillar trim	256
5.4	Assembly overview - B-pillar trim	257
5.5	Assembly overview - C-pillar trim	258
5.6	Assembly overview - D-pillar trim	259
5.7	Assembly overview - foot rest and floor covering	260
5.8	Assembly overview - rear shelf	261
5.9	Removing and installing sill panel moulding	262
5.10	Removing and installing A-pillar trim	265
5.11	Removing and installing B-pillar trim	268
5.12	Removing and installing C-pillar trim	272
5.13	Removing and installing D-pillar trim	274
5.14	Removing and installing foot rest	275
5.15	Removing and installing floor covering	276
5.16	Removing and installing rear shelf	277
<b>6</b>	<b>Luggage compartment trim panels</b>	<b>279</b>
6.1	Overview of fitting locations - luggage compartment trim panels	279
6.2	Assembly overview - luggage compartment side trim	280
6.3	Assembly overview - luggage compartment floor	282
6.4	Assembly overview - lower rear lid trim	283
6.5	Assembly overview - upper rear lid trim	284
6.6	Assembly overview - lock carrier trim	284
6.7	Removing and installing lower rear lid trim	285
6.8	Removing and installing upper rear lid trim	286
6.9	Removing and installing luggage compartment side trim	288
6.10	Removing and installing luggage compartment floor	290
6.11	Removing and installing lock carrier trim	290
6.12	Removing and installing fastening ring	292
6.13	Removing and installing frame for loading aid	292
6.14	Removing and installing bag hook	293
6.15	Removing and installing grip for rear luggage compartment floor	293
6.16	Removing and installing lining for spare wheel well	295
6.17	Removing and installing cover for warning triangle	296
6.18	Removing and installing trim for rear lid lock	296
6.19	Removing and installing rear lid coupling rod	297
<b>7</b>	<b>Roof trim panels</b>	<b>299</b>

7.1	Overview of fitting locations - roof trim .....	299
7.2	Assembly overview - moulded headliner .....	299
7.3	Removing and installing moulded headliner .....	301
7.4	Attaching roof reinforcement to body .....	304
<b>72</b>	<b>Seat frames .....</b>	<b>307</b>
<b>1</b>	<b>Overview - seat versions .....</b>	<b>307</b>
1.1	Overview of fitting locations - seat versions .....	307
1.2	Attaching front seat to seat repair stand .....	309
<b>2</b>	<b>Front seats .....</b>	<b>311</b>
2.1	Overview of fitting locations - electrical and electronic components .....	311
2.2	Assembly overview - front seat .....	322
2.3	Assembly overview - front seat backrest .....	330
2.4	Assembly overview - head restraint .....	340
2.5	Assembly overview - seat pan .....	344
2.6	Removing and installing front seat .....	371
2.7	Connecting and disconnecting airbag adapter .....	381
2.8	Removing and installing seat height adjuster .....	385
2.9	Removing and installing seat height adjustment unit .....	386
2.10	Removing and installing seat rake adjustment unit .....	392
2.11	Removing and installing backrest adjustment unit .....	396
2.12	Removing and installing front seat backrest .....	400
2.13	Removing and installing head restraint .....	421
2.14	Removing and installing head restraint guide .....	422
2.15	Dismantling and assembling seat pan .....	425
2.16	Removing and installing lumbar support adjustment switch E176/E177 .....	484
2.17	Removing and installing lumbar support adjustment motor V125/V126/V129/V130 .....	484
<b>3</b>	<b>Rear seats .....</b>	<b>487</b>
3.1	Assembly overview - bench seat/individual seats .....	487
3.2	Assembly overview - locking mechanism .....	489
3.3	Assembly overview - head restraint and head restraint guide .....	490
3.4	Assembly overview - rear seat backrest .....	492
3.5	Assembly overview - centre armrest .....	496
3.6	Removing and installing bench seat/individual seats .....	502
3.7	Removing and installing centre storage compartment .....	506
3.8	Removing and installing head restraint .....	509
3.9	Removing and installing head restraint guide .....	511
3.10	Removing and installing rear seat backrest .....	512
3.11	Removing and installing trim for locking mechanism .....	518
3.12	Removing and installing locking mechanism for rear seat backrest .....	520
3.13	Removing and installing trim frame for load-through hatch .....	521
3.14	Removing and installing flap for load-through hatch .....	522
3.15	Removing and installing centre armrest .....	523
<b>4</b>	<b>Front seat pneumatic system .....</b>	<b>532</b>
4.1	Assembly overview - pneumatic system .....	532
4.2	Connection diagram - pneumatic system .....	541
4.3	Checking pneumatic system .....	544
4.4	Severing and connecting pneumatic lines .....	572
4.5	Servicing pneumatic lines .....	573
4.6	Removing and installing compressor/control unit for multicontour seat .....	574
4.7	Removing and installing non-return valve .....	579
4.8	Removing and installing module carrier with lumbar support air cushions .....	580
4.9	Removing and installing switch module 2 for front seat E667/E668 .....	584
4.10	Removing and installing valve block for multicontour seat .....	586
4.11	Removing and installing massage mat .....	592



4.12	Removing and installing massage function button E670/E671	594
4.13	Removing and installing seat bolster adjuster	594
4.14	Removing and installing backrest bolster adjuster	596
<b>74</b>	<b>Seat - padding, covers</b>	<b>599</b>
<b>1</b>	<b>Covers and padding on front seats</b>	<b>599</b>
1.1	Assembly overview - seat pan cover and padding	599
1.2	Assembly overview - backrest cover and padding	605
1.3	Assembly overview - head restraint cover and padding	609
1.4	Assembly overview - seat heater elements	610
1.5	Removing and installing seat pan cover and padding	614
1.6	Removing and installing backrest cover and padding	626
1.7	Separating seat pan cover and padding	638
1.8	Separating backrest cover and padding	641
1.9	Removing and installing head restraint cover and padding	644
1.10	Removing and installing seat heater element Z6/Z8	648
1.11	Removing and installing backrest heater element Z7/Z9	650
<b>2</b>	<b>Covers and padding on rear seats</b>	<b>654</b>
2.1	Assembly overview - cover and padding	654
2.2	Assembly overview - head restraint cover and padding	659
2.3	Assembly overview - seat heater elements	660
2.4	Removing and installing cover and padding	663
2.5	Removing and installing intermediate padding - backrest with load-through hatch	669
2.6	Detaching cover from padding	669
2.7	Removing and installing head restraint cover and padding	672
2.8	Removing and installing seat heater element	673
2.9	Removing and installing backrest heater element	674