

Contents

00 - Technical data	1
1 Safety information	1
1.1 Safety precautions when working on the high-voltage system	2
1.2 Safety precautions when working in the vicinity of high-voltage components	3
1.3 Safety precautions when working on vehicles with start/stop system	4
1.4 Safety precautions when working on pyrotechnic components	4
1.5 Storing, transporting and disposing of airbag units, belt tensioner units and battery isolators (pyrotechnic components)	5
1.6 Additional safety regulations for side airbags	6
1.7 Additional safety regulations for curtain airbags	6
1.8 Safety regulations for crash sensors (pressure sensors) for front side airbag	7
1.9 Additional safety regulations for working on seat occupied sensor controlling deactivation of front passenger airbag - country-specific version	7
1.10 Procedure for dealing with seat occupied sensor controlling deactivation of front passenger airbag following an accident - country-specific version	8
1.11 Additional safety regulations for active head restraints	8
1.12 Renewing pyrotechnic, electrical and mechanical components of the restraint system following an accident	9
1.13 Checking airbag mounting components following an accident	11
1.14 Accident in which no airbag was triggered	11
1.15 Checking seat belts	11
1.16 Checking belt webbing	12
1.17 Checking automatic belt retractor (locking action)	13
1.18 Visual inspection of belt buckle	13
1.19 Functional check of belt buckle	13
1.20 Checking guide fittings and latch plate	14
1.21 Checking securing components and anchorage points following an accident	14
1.22 Checking child seat restraint function of seat belt for additional child seats (not for driver seat belt; country-specific version)	14
1.23 Checking child seat anchors following an accident	14
1.24 Safety regulations for automatic anti-dazzle interior mirror	15
2 Repair instructions	16
2.1 Contact corrosion	16
2.2 Routing and attachment of pipes, hoses and wiring	16
2.3 Identification plates	16
2.4 Use of impact wrenches	16
68 - Interior equipment	18
1 Safety information	18
2 Storage compartments/covers/trim panels	19
2.1 Overview of fitting locations - storage compartments/covers/trim panels	19
2.2 Assembly overview - dash panel cover (driver side)	21
2.3 Assembly overview - steering column trim	21
2.4 Assembly overview - glove compartment	22
2.5 Removing and installing dash panel cover (driver side)	24
2.6 Removing and installing upper steering column trim	25
2.7 Removing and installing lower steering column trim	26
2.8 Removing and installing glove compartment opening mechanism	28
2.9 Removing and installing lock cylinder for glove compartment opening mechanism	30
2.10 Removing and installing glove compartment	32
2.11 Removing and installing glove compartment cover	35
2.12 Removing and installing restrictor for glove compartment cover	36
3 Equipment	38
3.1 Assembly overview - sun visors	38

3.2	Assembly overview - sun blind	38
3.3	Removing and installing sun visor	39
3.4	Removing and installing sun visor centre mount	40
3.5	Removing and installing sun blind	41
3.6	Removing and installing grab handle	44
4	Centre console	46
4.1	Assembly overview - centre console	46
4.2	Removing and installing rear centre console trim	52
4.3	Removing and installing cover for centre console	54
4.4	Removing and installing centre console insert	57
4.5	Removing and installing front centre console storage compartment	59
4.6	Removing and installing centre console trim	60
4.7	Removing and installing centre console	61
4.8	Removing and installing trim panel for centre console	63
4.9	Removing and installing cup holders	65
4.10	Removing and installing rear centre console storage compartment	67
4.11	Removing and installing vent (rear) in centre console	68
4.12	Removing and installing folding table in centre console (rear)	69
4.13	Removing and installing bracket for centre console	70
5	Front centre armrest	73
5.1	Assembly overview - front centre armrest	73
5.2	Removing and installing front centre armrest	74
5.3	Removing and installing storage compartment for front centre armrest	74
6	Rear centre armrest	77
6.1	Assembly overview - rear centre armrest	77
6.2	Removing and installing rear centre armrest	79
6.3	Removing and installing centre armrest storage compartment (rear)	80
6.4	Removing and installing centre console insert trim (rear)	81
6.5	Removing and installing operating unit for rear seats	82
6.6	Removing and installing cover for rear centre armrest	83
6.7	Removing and installing trim panel for rear centre armrest	85
7	Interior mirror	87
7.1	Assembly overview - interior mirror	87
7.2	Removing and installing interior mirror	88
7.3	Switching automatic anti-dazzle function on and off	90
7.4	Switching compass display on and off	91
7.5	Setting magnetic deflection zone	91
7.6	Calibrating digital compass	92
7.7	Adjusting automatic anti-dazzle interior mirror for right-hand drive or left-hand drive vehicles	93
7.8	Selecting the applicable deflection zone from the map	93
7.9	Checking operation of automatic anti-dazzle interior mirror	99
69	Passenger protection	101
1	Safety information	101
2	Seat belts	102
2.1	Overview of fitting locations - seat belts and anchorage points	102
2.2	Assembly overview - front three-point seat belt	104
2.3	Assembly overview - rear outer three-point seat belt	106
2.4	Assembly overview - rear centre three-point seat belt	109
2.5	Assembly overview - front belt buckle	110
2.6	Assembly overview - rear belt buckle	110
2.7	Removing and installing front three-point seat belt	114
2.8	Removing and installing rear three-point seat belt	115
2.9	Removing and installing front belt guide	119

2.10	Removing and installing rear belt guide	120
2.11	Removing and installing front belt end fitting	121
2.12	Removing and installing rear outer belt end fitting	123
2.13	Removing and installing belt tensioners (rear)	124
2.14	Removing and installing belt height adjuster	126
2.15	Removing and installing front belt buckle	128
2.16	Removing and installing rear belt buckle	129
3	Child seat anchors	132
3.1	Assembly overview - rear child seat anchors	132
3.2	Removing and installing rear child seat anchor	132
4	Airbag system	135
4.1	Overview of fitting locations - airbag system	135
5	Airbag control unit	138
5.1	Assembly overview - airbag control unit	138
5.2	Removing and installing airbag control unit J234	138
6	Battery isolation igniter	142
6.1	Assembly overview - battery isolation igniter	142
6.2	Removing and installing battery isolation igniter	144
6.3	Removing and installing battery isolation igniter, 48 V N751	145
7	Driver airbag	146
7.1	Assembly overview - driver airbag	146
7.2	Removing and installing airbag unit with igniters	146
7.3	Removing and installing connector at airbag	151
8	Airbag (passenger side)	154
8.1	Assembly overview - front passenger airbag	154
8.2	Removing and installing front passenger airbag unit with igniters	155
8.3	Removing and installing key-operated switch to deactivate airbag on front passenger side	157
9	Side airbags	159
9.1	Assembly overview - front side airbag	159
9.2	Assembly overview - rear side airbag	160
9.3	Assembly overview - front central airbag	161
9.4	Assembly overview - rear central airbag	162
9.5	Removing and installing front side airbag with igniter	163
9.6	Removing and installing rear side airbag with igniter	166
9.7	Removing and installing front central airbag with airbag igniter	168
9.8	Removing and installing rear central airbag with airbag igniter	170
9.9	Removing and installing wire for front side airbag	172
9.10	Removing and installing wire for rear side airbag	175
9.11	Removing and installing wire for front central airbag	177
10	Curtain airbags	180
10.1	Assembly overview - curtain airbag	180
10.2	Removing and installing curtain airbag with igniter	180
11	Knee airbags	185
11.1	Assembly overview - knee airbag	185
11.2	Removing and installing knee airbag with igniter	186
12	Crash sensors for airbags	192
12.1	Overview of fitting locations - crash sensors for airbags	192
12.2	Removing and installing front airbag crash sensor for driver side G283	194
12.3	Removing and installing front side airbag crash sensor G179/G180	196
12.4	Removing and installing rear side airbag crash sensor G256/G257	198
12.5	Removing and installing centre crash sensor for X/Y axis G858	200
13	Seat position sensor	202
13.1	Assembly overview - seat position sensor	202
13.2	Removing and installing seat position sensor	202



14	Belt-fastened recognition system	205
14.1	Removing and installing seat occupied sensor on front passenger side G128	205
15	Seat occupied recognition system	206
15.1	Overview of fitting locations - seat occupied recognition system	206
15.2	Removing and installing seat occupied sensor	207
16	Active head restraint	209
16.1	Renewing igniters for active head restraint N419/N420 after they have been triggered	209
17	Pedestrian protection	213
17.1	Assembly overview - pedestrian protection	213
17.2	Removing and installing crash sensor for pedestrian protection G570/G571	215
17.3	Removing and installing front pressure hose sensor for pedestrian protection G579	217
17.4	Removing and installing centre crash sensor for pedestrian protection G693	219
17.5	Resetting triggered pedestrian protection system	220
17.6	Removing and installing trigger for pedestrian protection G598/G599	221
70	- Trim, insulation	223
1	Safety information	223
2	Front door trim	224
2.1	Assembly overview - front door trim	224
2.2	Removing and installing loudspeaker trim in door trim	226
2.3	Removing and installing trim panel	228
2.4	Removing and installing front door trim	228
2.5	Removing and installing air duct in door trim	232
2.6	Removing and installing front door puller	232
2.7	Removing and installing trim panel for door puller/armrest	235
2.8	Removing and installing interior door handle	237
2.9	Removing and installing window frame trim	237
2.10	Removing and installing heater element 2 for door trim Z176/Z177/Z178/Z179	239
3	Rear door trim	241
3.1	Assembly overview - rear door trim	241
3.2	Assembly overview - sun blind for door window	243
3.3	Removing and installing loudspeaker trim in door trim	243
3.4	Removing and installing trim panel	245
3.5	Removing and installing rear door trim	246
3.6	Removing and installing rear door puller	248
3.7	Removing and installing armrest trim panel	249
3.8	Removing and installing interior door handle	250
3.9	Removing and installing window frame trim	251
3.10	Removing and installing sun blind for door window	253
4	Dash panel	258
4.1	Assembly overview - dash panel	258
4.2	Removing and installing dash panel cover (side)	262
4.3	Removing and installing loudspeaker trim	263
4.4	Removing and installing trim panel for dash panel	265
4.5	Removing and installing dash panel trim	266
4.6	Removing and installing dash panel	269
4.7	Removing and installing cover for dash panel/head-up display	274
4.8	Removing and installing outer dash panel vent	275
4.9	Removing and installing centre vent	276
4.10	Removing and installing trim panels for dash panel vents	277
4.11	Removing and installing vent control motors	281
5	Dash panel cross member	285
5.1	Assembly overview - dash panel cross member	285
5.2	Removing and installing dash panel cross member	288

6	Passenger compartment trim panels	293
6.1	Overview of fitting locations - passenger compartment trim panels	293
6.2	Assembly overview - sill panel moulding	294
6.3	Assembly overview - A-pillar trim	295
6.4	Assembly overview - B-pillar trim	296
6.5	Assembly overview - C-pillar trim	297
6.6	Assembly overview - D-pillar trim	298
6.7	Assembly overview - foot rest and floor covering	299
6.8	Assembly overview - rear shelf	300
6.9	Removing and installing sill panel moulding	301
6.10	Removing and installing A-pillar trim	303
6.11	Removing and installing B-pillar trim	307
6.12	Removing and installing C-pillar trim	311
6.13	Removing and installing D-pillar trim	312
6.14	Removing and installing foot rest	314
6.15	Removing and installing floor covering	316
6.16	Removing and installing rear shelf	319
6.17	Removing and installing loudspeaker trim	321
7	Luggage compartment trim panels	324
7.1	Overview of fitting locations - luggage compartment trim panels	324
7.2	Assembly overview - luggage compartment side trim	326
7.3	Assembly overview - luggage compartment floor	328
7.4	Assembly overview - back panel trim/luggage compartment trim (top)	330
7.5	Assembly overview - lower rear lid trim	331
7.6	Removing and installing lower rear lid trim	333
7.7	Removing and installing luggage compartment side trim	336
7.8	Removing and installing luggage compartment floor - e-tron only	340
7.9	Removing and installing luggage compartment trim (top)	340
7.10	Removing and installing back panel trim (in luggage compartment)	342
7.11	Removing and installing lock carrier trim	343
7.12	Removing and installing fastening ring	344
7.13	Removing and installing fastening ring bracket - e-tron only	345
7.14	Removing and installing grip for rear luggage compartment floor	345
7.15	Removing and installing lining for spare wheel well	347
8	Roof trim panels	349
8.1	Assembly overview - moulded headliner	349
8.2	Removing and installing moulded headliner	349
8.3	Attaching roof reinforcement to body	353
76	Gas, water, electricity	356
1	Safety information	356
2	Refrigerator box	357
2.1	Assembly overview - refrigerator box	357
2.2	Removing and installing refrigerator box	358
2.3	Removing and installing attachments	360