



## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety information</b>	<b>1</b>
1.1 Safety measures when working on vehicles with a start/stop system	2
1.2 Safety measures when working with pyrotechnic components	3
1.3 Storage, transportation and disposal of airbag, belt tensioner and battery isolator units (pyrotechnic components)	4
1.4 Additional safety regulations for side airbag	5
1.5 Additional safety instructions for curtain airbag	5
1.6 Safety regulations for crash sensors (pressure sensors) for front side airbags	6
1.7 Additional safety instructions for repair work on seat occupied recognition for front passenger airbag deactivation - country-specific	6
1.8 Renewing pyrotechnic, electrical and mechanical components of the restraint system after an accident	7
1.9 Checking airbag securing parts after an accident	8
1.10 Accident without airbag triggering	9
1.11 Checking seat belts	9
1.12 Check belt webbing	9
1.13 Checking inertia reel (locking mechanism)	10
1.14 Visually checking belt buckle	11
1.15 Check operation of belt buckle	11
1.16 Checking belt relays, and buckle tongues	12
1.17 Checking securing parts and anchorage points after an accident	12
1.18 Checking seat belt restraint function for holding additional child seats (not for driver's seat belt) - country-specific	12
1.19 Checking child seat anchors after an accident	13
1.20 Safety instructions for automatic anti-dazzle interior mirror	13
<b>2 Repair notes</b>	<b>14</b>
2.1 Contact corrosion	14
2.2 Routing and attachment of lines	14
<b>68 - Interior equipment</b>	<b>15</b>
<b>1 Compartments/covers</b>	<b>15</b>
1.1 Overview of fitting locations – compartments/covers	15
1.2 Assembly overview - driver side footwell cover	16
1.3 Assembly overview – dash panel cover on driver side	17
1.4 Assembly overview - steering column trim	18
1.5 Assembly overview – glove compartment	19
1.6 Assembly overview - storage compartment in headliner	20
1.7 Removing and installing footwell cover on driver side	21
1.8 Removing and installing dash panel storage compartment	22
1.9 Removing and installing dash panel cover on driver side	23
1.10 Removing and installing gap cover for dash panel insert	25
1.11 Removing and installing upper steering column trim	25
1.12 Removing and installing lower steering column trim	27
1.13 Removing and installing footwell cover on front passenger side	28
1.14 Removing and installing glove compartment opener	28
1.15 Service position for glove compartment cover	30
1.16 Removing and installing restrictor for glove compartment cover	31
1.17 Removing and installing glove compartment	32
1.18 Removing and installing glove compartment cover	34
1.19 Removing and installing headliner storage compartment	34
<b>2 Equipment</b>	<b>36</b>
2.1 Assembly overview – net partition	36
2.2 Assembly overview – sun visors	38



2.3	Assembly overview – roof grab handle	38
2.4	Removing and installing net partition	39
2.5	Removing and installing net partition mounting	40
2.6	Removing and installing net partition bracket	41
2.7	Removing and installing net partition retainer	41
2.8	Removing and installing sun visor	44
2.9	Removing and installing sun visor centre mount	46
2.10	Removing and installing roof grab handle	47
2.11	Removing and installing grab handle bracket	55
<b>3</b>	<b>Centre console</b>	<b>56</b>
3.1	Assembly overview – centre console	56
3.2	Removing and installing front ashtray	62
3.3	Removing and installing rear centre console trim	62
3.4	Removing and installing centre console trim in front footwell	64
3.5	Removing and installing trim for operating and display unit	65
3.6	Removing and installing centre console front storage compartment	66
3.7	Removing and installing centre console cover	67
3.8	Removing and installing centre console insert	67
3.9	Removing and installing centre console	69
3.10	Removing and installing mounting plate with retaining strap	75
3.11	Removing and installing centre console bracket	76
<b>4</b>	<b>Front centre armrest</b>	<b>81</b>
4.1	Assembly overview – front centre armrest	81
4.2	Removing and installing front centre armrest	81
<b>5</b>	<b>Interior mirror</b>	<b>84</b>
5.1	Assembly overview – interior mirror	84
5.2	Removing and installing interior mirror	90
5.3	Bonding retaining plate for interior mirror	103
<b>69</b>	<b>Passenger protection</b>	<b>108</b>
<b>1</b>	<b>Seat belts</b>	<b>108</b>
1.1	Overview of fitting locations – seat belts and anchorage points	108
1.2	Assembly overview – front three-point seat belt	114
1.3	Assembly overview – rear outer three-point seat belt	120
1.4	Assembly overview – rear centre three-point seat belt	126
1.5	Assembly overview – front belt buckle	127
1.6	Assembly overview – rear belt buckle	129
1.7	Removing and installing front three-point seat belt	131
1.8	Removing and installing rear three-point seat belt	140
1.9	Removing and installing front belt guide	148
1.10	Removing and installing rear belt guide	149
1.11	Removing and installing front belt end fitting	150
1.12	Removing and installing rear outer belt end fitting	152
1.13	Removing and installing belt height adjuster	153
1.14	Removing and installing front belt buckle	157
1.15	Removing and installing rear belt buckle	160
<b>2</b>	<b>Child seat anchors</b>	<b>162</b>
2.1	Assembly overview – rear child seat anchors	162
2.2	Removing and installing child seat anchor guide, rear bench seat	163
2.3	Removing and installing cover for Top Tether child seat anchor	163
<b>3</b>	<b>Airbag system</b>	<b>165</b>
3.1	Overview of fitting locations – airbag system	165
<b>4</b>	<b>Airbag control unit</b>	<b>168</b>
4.1	Assembly overview – airbag control unit	168
4.2	Removing and installing airbag control unit J234	168



<b>5</b>	<b>Front airbag</b> .....	<b>171</b>
5.1	Assembly overview – front airbag, driver side .....	171
5.2	Removing and installing driver side airbag igniter N95 .....	173
5.3	Renewing connector on airbag .....	177
<b>6</b>	<b>Front passenger airbag</b> .....	<b>180</b>
6.1	Assembly overview – front passenger airbag .....	180
6.2	Removing and installing front passenger airbag unit with igniter .....	181
6.3	Removing and installing key-operated switch to deactivate airbag on front passenger side .....	184
6.4	Removing and installing front passenger airbag warning lamp K145 .....	185
<b>7</b>	<b>Side airbags</b> .....	<b>186</b>
7.1	Assembly overview – front side airbag .....	186
7.2	Assembly overview - rear side airbag .....	186
7.3	Removing and installing front side airbag with side airbag igniter N199/N200 .....	187
7.4	Removing and installing rear side airbag with rear side airbag igniter N201/N202 .....	189
<b>8</b>	<b>Curtain airbags</b> .....	<b>191</b>
8.1	Assembly overview – curtain airbag .....	191
8.2	Removing and installing curtain airbag with igniter .....	191
<b>9</b>	<b>Knee airbags</b> .....	<b>202</b>
9.1	Assembly overview - knee airbag .....	202
9.2	Removing and installing knee airbag with driver side knee airbag igniter N295 .....	203
<b>10</b>	<b>Airbag crash sensors</b> .....	<b>206</b>
10.1	Overview of fitting locations – airbag crash sensors .....	206
10.2	Removing and installing front airbag crash sensor, driver side G190 .....	208
10.3	Removing and installing front airbag crash sensor, driver side G283 .....	211
10.4	Removing and installing front airbag crash sensor, front passenger side G284 .....	214
10.5	Removing and installing front side airbag crash sensor G179/G180 .....	216
10.6	Removing and installing rear side airbag crash sensor G256/G257 .....	225
<b>11</b>	<b>Seat position sensor</b> .....	<b>228</b>
11.1	Assembly overview – seat position sensor .....	228
11.2	Removing and installing seat position sensor .....	228
<b>12</b>	<b>Seat belt verification</b> .....	<b>231</b>
12.1	Removing and installing Seat occupied sensor, front passenger side G128 .....	231
<b>13</b>	<b>Seat occupied recognition</b> .....	<b>233</b>
13.1	Assembly overview – seat occupied sensors .....	233
13.2	Removing and installing Seat occupied sensor, front passenger side G128 .....	235
13.3	Removing and installing seat occupied recognition control unit J706 .....	241
13.4	Removing and installing bracket for seat occupied recognition control unit J706 .....	243
<b>70</b>	<b>Trim, insulation</b> .....	<b>245</b>
<b>1</b>	<b>Front door trims</b> .....	<b>245</b>
1.1	Assembly overview – front door trim .....	245
1.2	Removing and installing front door trim .....	247
1.3	Removing and installing trim .....	251
1.4	Removing and installing mirror cover trim .....	254
1.5	Removing and installing interior door handle .....	254
<b>2</b>	<b>Rear door trims</b> .....	<b>256</b>
2.1	Assembly overview – rear door trim .....	256
2.2	Removing and installing rear door trim .....	257
2.3	Removing and installing trim .....	261
2.4	Removing and installing interior door handle .....	262
<b>3</b>	<b>Dash panel</b> .....	<b>264</b>
3.1	Assembly overview - dash panel .....	264
3.2	Removing and installing dash panel end cover .....	266
3.3	Removing and installing dash panel trim .....	266



3.4	Removing and installing light switch trim	267
3.5	Removing and installing dash panel insert trim	268
3.6	Removing and installing dash panel	270
3.7	Removing and installing outer dash panel vents	278
3.8	Removing and installing centre vent	280
3.9	Removing and installing side defroster vent	284
3.10	Removing and installing impact damper	285
<b>4</b>	<b>Central tube for dash panel</b>	<b>287</b>
4.1	Assembly overview – central tube for dash panel	287
4.2	Assembly overview - driver side impact damper	289
4.3	Removing and installing crash bar	291
4.4	Removing and installing dash panel cross member	293
4.5	Removing and installing impact damper on driver side	297
<b>5</b>	<b>Interior trims</b>	<b>299</b>
5.1	Overview of fitting locations – interior trims	299
5.2	Assembly overview – sill panel moulding	302
5.3	Assembly overview - A-pillar trim	303
5.4	Assembly overview – B-pillar trim	306
5.5	Assembly overview - C-pillar trim	308
5.6	Assembly overview - D-pillar trim	310
5.7	Assembly overview - side trim	311
5.8	Assembly overview – wheel housing trim	312
5.9	Assembly overview – foot rest and floor covering	314
5.10	Removing and installing sill panel moulding	316
5.11	Removing and installing A-pillar gap cover	319
5.12	Removing and installing A-pillar trim	320
5.13	Removing and installing B-pillar trim	327
5.14	Removing and installing C-pillar trim	332
5.15	Removing and installing D-pillar trim	335
5.16	Removing and installing side trim	336
5.17	Removing and installing wheel housing trims	339
5.18	Removing and installing foot rest	343
5.19	Removing and installing floor covering	346
<b>6</b>	<b>Luggage compartment trims</b>	<b>347</b>
6.1	Overview of fitting locations – luggage compartment trims	347
6.2	Assembly overview - rear shelf support	349
6.3	Assembly overview – luggage compartment side trim	350
6.4	Assembly overview - luggage compartment floor	352
6.5	Assembly overview – upper rear lid trim	356
6.6	Assembly overview - lower rear lid trim	356
6.7	Removing and installing luggage compartment cover	357
6.8	Removing and installing lock carrier trim	358
6.9	Removing and installing rear shelf support	360
6.10	Removing and installing fastening rings	362
6.11	Removing and installing support for luggage compartment floor covering	362
6.12	Removing and installing luggage compartment side trim	365
6.13	Removing and installing upper rear lid trim	368
6.14	Removing and installing lower rear lid trim	370
<b>7</b>	<b>Roof trims</b>	<b>372</b>
7.1	Assembly overview – moulded headliner	372
7.2	Removing and installing roof end strip	374
7.3	Removing and installing moulded headliner	375
7.4	Installing roof reinforcement to body	382
<b>72</b>	<b>Seat frames</b>	<b>388</b>



<b>1</b>	<b>Overview of seat variants</b>	<b>388</b>
1.1	Overview of fitting locations – seat variants	388
1.2	Securing front seat to seat repair stand	388
<b>2</b>	<b>Front seats</b>	<b>391</b>
2.1	Overview of fitting locations – electrical and electronic components	392
2.2	Assembly overview – front seat	396
2.3	Assembly overview - backrest release mechanism and entry assistance	402
2.4	Assembly overview – front backrest	403
2.5	Assembly overview – seat pan	408
2.6	Assembly overview – fire extinguisher	422
2.7	Removing and installing front seat	423
2.8	Removing front seat if seat longitudinal adjustment motor V28/V31 is defective	428
2.9	Connecting and disconnecting airbag adapter	432
2.10	Removing and installing inner seat trim	433
2.11	Removing and installing outer seat trim	436
2.12	Removing and installing backrest cover panel	443
2.13	Removing and installing bracket for seat trim	445
2.14	Removing and installing front backrest	448
2.15	Removing and installing seat depth adjuster	455
2.16	Removing and installing seat rake adjustment unit	460
2.17	Removing and installing seat height adjustment handle	462
2.18	Removing and installing seat height adjuster	463
2.19	Removing and installing seat longitudinal adjustment V28/V31	469
2.20	Removing and installing backrest adjuster	470
2.21	Removing and installing lumbar support adjuster	473
2.22	Removing and installing head restraint	474
2.23	Removing and installing head restraint guide	475
2.24	Dismantling and assembling seat pan	476
2.25	Removing and installing trim for backrest release mechanism	478
2.26	Removing and installing backrest release mechanism	479
2.27	Removing and installing interconnecting Bowden cable	480
2.28	Removing and installing mounting bracket for backrest release mechanism	481
2.29	Removing and installing Bowden cable for backrest release	482
2.30	Adjusting Bowden cable for backrest release mechanism	487
2.31	Removing and installing easy-entry Bowden cable A	489
2.32	Adjusting Bowden cable A for entry assistance	490
2.33	Removing and installing easy-entry Bowden cable B	493
2.34	Removing and installing slider	494
2.35	Removing and installing drawer	495
2.36	Removing and installing lumbar support adjustment switch E176/E177	496
2.37	Removing and installing lumbar support adjustment motor V125/V126/V129/V130	497
2.38	Removing and installing seat adjustment operating unit E470/E471	498
2.39	Removing and installing massage control unit J740	499
<b>3</b>	<b>Rear seats</b>	<b>501</b>
3.1	Assembly overview – bench seat/individual seats	501
3.2	Assembly overview – rear seat backrest	502
3.3	Assembly overview – locking mechanism	504
3.4	Assembly overview – centre armrest	504
3.5	Assembly overview - side padding	505
3.6	Assembly overview - remote release mechanism for rear seat backrest	506
3.7	Removing and installing bench seat/individual seats	507
3.8	Removing and installing rear seat backrest	510
3.9	Removing and installing trim for locking mechanism	511
3.10	Removing and installing locking mechanism for rear seat backrest	513
3.11	Removing and installing trim frame for load-through hatch	513



3.12	Removing and installing flap for load-through hatch	516
3.13	Removing and installing centre armrest	517
3.14	Removing and installing head restraint	517
3.15	Removing and installing head restraint guide	518
3.16	Removing and installing side padding	519
3.17	Disconnecting and connecting Bowden cable for remote release mechanism of rear seat backrest	521
3.18	Removing and installing operating handle for remote release mechanism of rear seat backrest	522
3.19	Removing and installing Bowden cable for remote release mechanism of rear seat backrest	524
<b>74</b>	<b>- Seat - padding, covers</b>	<b>527</b>
<b>1</b>	<b>Front seat covers and padding</b>	<b>527</b>
1.1	Assembly overview – seat pan cover and padding	527
1.2	Assembly overview – backrest cover and padding	529
1.3	Assembly overview – seat heating element	530
1.4	Removing and installing seat pan cover and padding	532
1.5	Removing and installing backrest cover and padding	539
1.6	Removing and installing moulding for backrest frame	547
1.7	Separating seat pan cover from seat pan padding	549
1.8	Separating backrest cover from backrest padding	552
1.9	Removing and installing seat heating element Z6/Z8	556
1.10	Removing and installing backrest heating element Z7/Z9	557
<b>2</b>	<b>Rear seat covers and padding</b>	<b>559</b>
2.1	Assembly overview – rear bench seat cover and padding	559
2.2	Assembly overview - rear seat backrest cover and padding	560
2.3	Removing and installing cover and padding of rear bench seat	560
2.4	Removing and installing cover and padding of rear seat backrest	561
2.5	Removing and installing intermediate padding, backrest with load-through hatch	565
2.6	Separating rear bench seat cover from padding	565
2.7	Separating cover and padding of rear seat backrest	566