

Contents

00 - Technical data	1
1 Routing and attaching pipes and wiring	1
2 Contact corrosion	2
68 - Interior equipment	3
1 Storage compartments/covers	3
1.1 Exploded view of shelves / trim panels	3
1.2 Exploded view of dash panel trim (driver side)	4
1.3 Removing and installing dash panel trim (driver side)	5
1.4 Exploded view of trim for steering column switch module	5
1.5 Removing and installing trim cover for instrument cluster	6
1.6 Removing and installing trim (top) for steering column switch module	7
1.7 Removing and installing trim (bottom) for steering column switch module	8
1.8 Exploded view of glove box	8
1.9 Manually releasing the glove box lid	10
1.10 Removing and installing glove box opening mechanism with lock	10
1.11 Removing and installing trim panel for glove box lid	11
1.12 Removing and installing glove box	11
1.13 Removing and installing glove box lid	13
1.14 Removing and installing cushioning element for glove box lid	14
2 Centre console	15
2.1 Exploded view of centre console	15
2.2 Removing and installing ashtray (rear)	17
2.3 Removing and installing storage box (rear) for centre console	18
2.4 Removing and installing switch mounting (rear)	18
2.5 Removing and installing grab handle	19
2.6 Removing and installing cover	19
2.7 Removing and installing switch mounting	20
2.8 Removing and installing centre console	20
2.9 Removing and installing sliding cover for centre console	21
2.10 Removing and installing mounting	22
2.11 Removing and installing brackets for centre console	22
2.12 Exploded view of storage compartment and trim - equipment version 'non-smoker'	22
2.13 Removing and installing trim	23
2.14 Removing and installing storage compartment	24
2.15 Exploded view of cover, trim and ashtray (front) - equipment version 'smoker'	24
2.16 Removing and installing cover	25
2.17 Removing and installing frame for cover	25
2.18 Removing and installing ashtray (front)	25
2.19 Removing and installing trim for ashtray lid	26
2.20 Exploded view of storage net (centre console)	26
2.21 Removing and installing trim	27
2.22 Removing and installing storage net (centre console)	28
3 Trim for handbrake grip	29
3.1 Exploded view of trim for handbrake grip	29
3.2 Removing and installing handbrake lever trim	30
4 Centre armrest (front)	31
4.1 Exploded view of centre armrest (front)	31
4.2 Removing and installing centre armrest (front)	32
4.3 Removing and installing padding for centre armrest (front)	32
4.4 Removing and installing trim section	33
4.5 Removing and installing side caps	33



4.6	Removing and installing cover (rear)	33
4.7	Removing and installing storage compartment	34
4.8	Removing and installing handle for centre armrest (front)	34
4.9	Removing and installing trim	35
5	Interior mirror	36
5.1	Exploded view of interior mirror	36
5.2	Removing and installing manual anti-dazzle interior mirror	37
5.3	Removing and installing automatic anti-dazzle interior mirror	37
5.4	Safety regulations for interior mirror	38
5.5	General notes on interior mirror	38
5.6	Switching automatic anti-dazzle function on and off	39
5.7	Switching compass display on and off	39
5.8	Setting magnetic deflection zone	39
5.9	Calibrating digital compass	40
5.10	Adjusting automatic anti-dazzle interior mirror Y7 for right-hand drive or left-hand drive vehicles	41
5.11	Selecting the applicable deflection zone from the map	41
5.12	Checking operation of automatic anti-dazzle interior mirror	47
69	Passenger protection	49
1	Safety regulations and test methods for pyrotechnic, electrical and mechanical components of the restraint system	49
1.1	General safety regulations	49
1.2	Storing, transporting and disposing of airbag units, belt tensioner units and battery isolation units (pyrotechnic components)	50
1.3	Additional safety regulations for side airbags	51
1.4	Additional safety regulations for curtain airbags	52
1.5	Safety regulations for crash sensors (pressure sensors) for side airbag (front)	52
1.6	Additional safety regulations for working on seat occupied sensor controlling deactivation of front passenger airbag - country-specific version	53
1.7	Procedure for dealing with seat occupied sensor controlling deactivation of front passenger airbag following an accident - country-specific version	53
1.8	Renewing pyrotechnic, electrical and mechanical components of the restraint system following an accident	54
1.9	Checking airbag mounting components following an accident	56
1.10	Accident in which airbag was not triggered	56
1.11	Checking seat belts	56
1.12	Checking belt webbing	57
1.13	Checking automatic belt retractor (locking action)	57
1.14	Visual inspection of belt buckle	58
1.15	Functional check of belt buckle	58
1.16	Checking guide fittings and latch plate	58
1.17	Checking securing components and anchorage points	58
1.18	Checking child seat restraint function of seat belt for additional child seats (not for driver's seat belt; country-specific version)	59
1.19	Checking child seat anchors following an accident (ISOFIX, Top Tether)	59
2	Seat belts	60
2.1	Overview of seat belts and anchorage points	60
2.2	Exploded view of three-point seat belt (front)	61
2.3	Removing and installing three-point seat belt (front)	62
2.4	Removing and installing guide rail for belt strap (front)	64
2.5	Exploded view of belt buckle (front)	64
2.6	Removing and installing belt buckle (front)	65
2.7	Exploded view of three-point seat belt (rear)	67
2.8	Removing and installing three-point seat belt (rear)	68
2.9	Removing and installing belt end fitting (rear)	69
2.10	Exploded view of belt buckle (rear)	69

2.11	Removing and installing belt buckle (rear)	70
3	Child seat anchors (ISOFIX, Top Tether)	72
3.1	Exploded view of child seat anchor (ISOFIX) for front seat	72
3.2	Removing and installing ISOFIX retainer	72
3.3	Exploded view of child seat anchors (ISOFIX) for rear seats	74
3.4	Exploded view of child seat anchor (Top Tether) for rear seats - country-specific version	76
3.5	Removing and installing child seat anchor (Top Tether)	76
4	Airbags	78
4.1	Overview of fitting locations	78
4.2	Exploded view of airbag control unit J234	79
4.3	Removing and installing airbag control unit J234	80
5	Airbag (driver side)	82
5.1	Exploded view of airbag (driver side)	82
5.2	Removing and installing airbag unit with airbag igniters N95 and N250	83
5.3	Renewing connector at airbag	86
6	Airbag (front passenger side)	87
6.1	Exploded view of airbag (front passenger side)	87
6.2	Removing and installing airbag unit (front passenger side) with airbag igniter N131	89
6.3	Removing and installing brackets for airbag unit (front passenger side)	92
6.4	Removing and installing key-operated switch to deactivate airbag on front passenger side E224	92
6.5	Removing and installing warning lamp for airbag deactivated on front passenger side K145	94
7	Side airbags	96
7.1	Exploded view of side airbag (front)	96
7.2	Removing and installing side airbag (front) with airbag igniter N199 / N200	96
8	Crash sensors for airbags	99
8.1	Overview of crash sensors for airbags	99
8.2	Removing and installing crash sensor for front airbag	100
8.3	Removing and installing crash sensor for side airbag (front)	102
9	Roll-over protection	105
9.1	Exploded view of roll-over protection system	105
9.2	Removing and installing roll-over bar	106
70 - Trim, insulation		107
1	Door trim (front)	107
1.1	Exploded view of door trim	107
1.2	Removing and installing mid-range loudspeaker trim	109
1.3	Removing and installing trim panel	110
1.4	Removing and installing door trim	110
1.5	Removing and installing storage pocket	112
1.6	Removing and installing armrest	113
1.7	Removing and door puller with switch mounting	113
1.8	Removing and installing interior door handle	114
1.9	Removing and installing cover for mirror base	115
2	Dash panel	117
2.1	Overview of dash panel	117
2.2	Exploded view of dash panel	118
2.3	Removing and installing dash panel end trim	120
2.4	Removing and installing side defroster vent (top)	121
2.5	Removing and installing dash panel vent (side)	121
2.6	Removing and installing dash panel vent (centre)	123
2.7	Removing and installing centre loudspeaker trim	123
2.8	Removing and installing trim for switch module	123



2.9	Removing and installing cup holder/storage compartment	124
2.10	Removing and installing dash panel	124
2.11	Removing and installing top defroster vent (centre)	128
2.12	Removing and installing mounting frame for radio/navigation system	128
3	Central tube for dash panel	129
3.1	Exploded view of central tube for dash panel	129
3.2	Removing and installing support for dash panel	133
3.3	Removing and installing central tube for dash panel	133
3.4	Removing and installing retaining brackets for central tube for dash panel	137
4	Passenger compartment trim	138
4.1	Overview of trim panels	138
4.2	Exploded view of A-pillar trim (top)	139
4.3	Removing and installing A-pillar trim (top)	139
4.4	Exploded view of A-pillar trim (bottom)	140
4.5	Removing and installing A-pillar trim (bottom)	141
4.6	Exploded view of foot rest cover and bracket	142
4.7	Removing and installing foot rest cover	143
4.8	Removing and installing foot rest bracket	144
4.9	Exploded view of sill panel trim	144
4.10	Removing and installing sill panel trim	145
4.11	Exploded view of side trim	146
4.12	Removing and installing belt exit point trim (front)	146
4.13	Removing and installing mid-range and bass loudspeaker trim	147
4.14	Removing and installing armrest in side trim	148
4.15	Removing and installing side trim	148
4.16	Removing and installing cover for window regulator	149
4.17	Exploded view of back panel trim	153
4.18	Removing and installing back panel trim (front)	153
4.19	Removing and installing back panel side trim	154
4.20	Removing and installing belt exit point trim (rear)	155
4.21	Removing and installing back panel trim (top)	155
4.22	Exploded view of floor covering	156
4.23	Removing and installing cover for universal joint of steering column	157
4.24	Removing and installing trim and footwell vent	158
4.25	Removing and installing floor covering	159
4.26	Exploded view of convertible roof compartment trim	159
4.27	Removing and installing support for convertible roof	160
4.28	Removing and installing convertible roof compartment side trim	161
4.29	Removing and installing convertible roof compartment trim (front)	162
4.30	Removing and installing convertible roof compartment trim (centre)	163
5	Luggage compartment trim	165
5.1	Exploded view of luggage compartment trim panels	165
5.2	Exploded view of rear lid trim	166
5.3	Removing and installing rear lid trim	166
5.4	Removing and installing trim for rear lid lock	167
5.5	Exploded view of rear cross panel trim	167
5.6	Removing and installing rear cross panel trim	168
5.7	Exploded view of luggage compartment side trim	169
5.8	Removing and installing luggage compartment side trim	170
5.9	Exploded view of fastening rings	171
5.10	Removing and installing fastening ring	172
5.11	Exploded view of luggage compartment floor covering	173
6	Roof trim	174
6.1	Overview of roof trim	174
6.2	Exploded view of sun visor	175

6.3	Removing and installing sun visor	175
6.4	Removing and installing centre bracket for sun visor	176
6.5	Exploded view of roof frame trim	176
6.6	Removing and installing trim panel	177
6.7	Removing and installing roof frame trim (bottom)	178
6.8	Removing and installing roof frame trim (top)	179
72	Seat frames	181
1	Overview of seat versions	181
1.1	Attaching front seat to seat repair stand VAS 6136	182
2	Front seats - standard seat (with manual adjustment)	183
2.1	Exploded view of front seat - standard seat	183
2.2	Removing and installing front seat	183
2.3	Unplugging and plugging in connectors	183
2.4	Connecting airbag adapter	183
2.5	Connectors in connector point	183
2.6	Exploded view of modular wire routing	183
2.7	Modular wire routing with corrugated tube at front seat	183
2.8	Removing and installing seat rail cover (front)	183
2.9	Removing and installing seat rail cover (rear)	184
2.10	Exploded view of trim (sill side and tunnel side)	184
2.11	Removing and installing backrest adjuster	184
2.12	Removing and installing trim (sill side)	185
2.13	Removing and installing trim (tunnel side)	185
2.14	Exploded view of retaining bracket for trim (sill side)	185
2.15	Removing and installing retaining bracket for trim (sill side)	186
2.16	Exploded view of seat height adjuster unit and seat height adjuster	186
2.17	Removing and installing seat height adjuster	186
2.18	Removing and installing seat height adjuster unit	186
2.19	Removing and installing seat longitudinal adjustment handle	186
2.20	Exploded view of torsion bar	186
2.21	Removing and installing torsion bar	186
2.22	Removing and installing bearing	187
2.23	Renewing bottom part of seat / seat pan	187
2.24	Exploded view of front seat backrest	187
2.25	Removing and installing backrest cover panel	187
2.26	Removing and installing front seat backrest	187
2.27	Exploded view of spring mat	187
2.28	Removing and installing spring mat	188
2.29	Exploded view of four-way lumbar support	190
2.30	Removing and installing four-way lumbar support	191
2.31	Exploded view of backrest release mechanism (front)	191
2.32	Removing and installing backrest release handle (front)	191
2.33	Removing and installing trim for backrest release mechanism (front)	191
2.34	Removing and installing bracket for trim for backrest release mechanism (front)	191
2.35	Removing and installing Bowden cables for backrest release mechanism (front)	191
2.36	Adjusting Bowden cables for backrest release mechanism (front)	191
2.37	Exploded view of Easy Entry facility	191
2.38	Removing and installing Bowden cable for Easy Entry facility	192
2.39	Removing and installing memory block	192
2.40	Exploded view of storage compartment	192
2.41	Removing and installing storage compartment	192
2.42	Exploded view of head restraint	192
2.43	Removing and installing head restraint with slide-in locking mechanism	192
2.44	Removing and installing head restraint guide without and with release button	192
2.45	Overview of electrical and electronic components	192



2.46	Exploded view of lumbar support longitudinal and height adjustment motors	193
2.47	Removing and installing lumbar support longitudinal adjustment motor V125 / V126	193
2.48	Removing and installing lumbar support height adjustment motor V129 / V130	193
2.49	Exploded view of lumbar support adjustment switches	193
2.50	Removing and installing lumbar support adjustment switch	193
3	Front seats - sports seat (with manual adjustment)	194
3.1	Exploded view of front seat - sports seat	194
3.2	Removing and installing front seat	196
3.3	Unplugging and plugging in connectors	198
3.4	Connecting airbag adapter	201
3.5	Connectors in connector point	203
3.6	Exploded view of modular wire routing	203
3.7	Modular wire routing with corrugated tube at front seat	203
3.8	Removing and installing seat rail cover (front)	205
3.9	Removing and installing seat rail cover (rear)	205
3.10	Exploded view of trim (sill side and tunnel side)	205
3.11	Removing and installing backrest adjuster	206
3.12	Removing and installing trim (sill side)	207
3.13	Removing and installing trim (tunnel side)	209
3.14	Exploded view of retaining bracket for trim (sill side)	210
3.15	Removing and installing retaining bracket for trim (sill side)	210
3.16	Exploded view of seat height adjuster unit and seat height adjuster	210
3.17	Removing and installing seat height adjuster	211
3.18	Removing and installing seat height adjuster unit	212
3.19	Removing and installing seat longitudinal adjustment handle	215
3.20	Exploded view of torsion bar	215
3.21	Removing and installing torsion bar	216
3.22	Removing and installing bearing	219
3.23	Renewing bottom part of seat / seat pan	222
3.24	Exploded view of front seat backrest	223
3.25	Removing and installing backrest cover panel	224
3.26	Removing and installing front seat backrest	226
3.27	Exploded view of spring mat	228
3.28	Removing and installing spring mat	228
3.29	Exploded view of four-way lumbar support	229
3.30	Removing and installing four-way lumbar support	230
3.31	Exploded view of backrest release mechanism (front)	232
3.32	Removing and installing backrest release handle (front)	234
3.33	Removing and installing trim for backrest release mechanism (front)	234
3.34	Removing and installing bracket for trim for backrest release mechanism (front)	235
3.35	Removing and installing Bowden cables for backrest release mechanism (front)	236
3.36	Adjusting Bowden cables for backrest release mechanism (front)	239
3.37	Exploded view of Easy Entry facility	241
3.38	Removing and installing Bowden cable for Easy Entry facility	242
3.39	Removing and installing memory block	244
3.40	Exploded view of storage compartment	244
3.41	Removing and installing storage compartment	245
3.42	Removing and installing bracket for storage compartment	246
3.43	Exploded view of head restraint	247
3.44	Removing and installing head restraint with slide-in locking mechanism	248
3.45	Removing and installing head restraint guide without and with release button	249
3.46	Overview of electrical and electronic components	250
3.47	Exploded view of lumbar support longitudinal and height adjustment motors	251
3.48	Removing and installing lumbar support longitudinal adjustment motor V125 / V126	252
3.49	Removing and installing lumbar support height adjustment motor V129 / V130	254
3.50	Exploded view of lumbar support adjustment switches	256

3.51	Removing and installing lumbar support adjustment switch E176 / E177	257
4	Rear seats	259
4.1	Overview of rear seats	259
4.2	Exploded view of seat bench	260
4.3	Removing and installing seat bench	261
4.4	Exploded view of backrests (rear)	262
4.5	Removing and installing pressure pin for releasing rear seat backrest	263
4.6	Removing and installing rear seat backrest	263
4.7	Removing and installing cap for centre bracket (front)	265
4.8	Exploded view of backrest release mechanism (rear)	265
4.9	Removing and installing actuator for releasing rear seat backrest	266
4.10	Removing and installing Bowden cable	267
4.11	Removing and installing bracket for actuator	268
4.12	Exploded view of backrest frame and backrest pan	268
4.13	Removing and installing filler pieces	269
4.14	Removing and installing rear seat backrest at backrest frame	270
4.15	Removing and installing backrest pan	270
4.16	Exploded view of head restraint (rear)	271
4.17	Removing and installing head restraint (rear)	271
74	Seat - padding, covers	273
1	Front seat covers and padding	273
1.1	Exploded view of cover and padding for front seat	273
1.2	Removing and installing seat cover and padding	273
1.3	Detaching seat cover from padding and assembling	275
1.4	Cutting slots in fabric cover for ISOFIX retainer	276
1.5	Exploded view of cover and padding for front seat backrest	276
1.6	Removing and installing cover and padding for front seat backrest	278
1.7	Detaching backrest cover from padding (front) and assembling	279
1.8	Overview of seat heating element	279
1.9	Removing and installing seat heating element	280
1.10	Overview of backrest heating element	281
1.11	Removing and installing backrest heating element	282
1.12	Exploded view of cover and padding for head restraint (front)	282
1.13	Removing and installing cover and padding for head restraint with slide-in locking mechanism	283
2	Covers and padding on rear seats	287
2.1	Exploded view of cover and padding for rear seat bench	287
2.2	Removing and installing cover and padding for rear seat bench	288
2.3	Detaching cover from padding for rear seat bench and assembling	288
2.4	Exploded view of cover and padding for rear seat backrest	289
2.5	Removing and installing cover and padding for rear seat backrest	290
2.6	Detaching cover from padding for rear seat backrest and assembling	291
2.7	Overview of seat bench heating element	292
2.8	Removing and installing seat bench heating element	293
2.9	Overview of backrest heating element	294
2.10	Removing and installing backrest heating element	295
2.11	Exploded view of cover and padding for head restraint (rear)	295
2.12	Removing and installing cover and padding for head restraint (rear)	296