



Contents

50 - Body - front	1
1 Lock carrier	1
1.1 Tools	1
1.2 Lock carrier - add-on parts	2
1.3 Service position	3
1.4 Removing and installing lock carrier with attachments	5
1.5 Pressure hose with plug-in connector	6
2 Wings	8
2.1 Tools	8
2.2 Front wing	8
2.3 Insulation and foam elements for wing, web plate and A-pillar	12
2.4 Removing and installing wing bracket	12
3 Plenum chamber bulkhead	14
3.1 Tools	14
3.2 Assembly overview - plenum chamber bulkhead	14
4 Plenum chamber cover	15
4.1 Plenum chamber cover	15
5 Noise insulation	19
5.1 Tools	19
5.2 Assembly overview - noise insulation	19
6 Skid plate	21
6.1 Tools	21
6.2 Assembly overview - skid plate	21
7 Underbody cladding	23
7.1 Tools	23
7.2 Assembly overview - underbody cladding in the middle	23
7.3 Assembly overview - rear underbody cladding	25
8 Bulkhead	26
8.1 Tools	26
8.2 Materials	27
8.3 Assembly overview - bulkhead	27
9 Tunnel cross-piece	28
9.1 Tools	28
9.2 Assembly overview - tunnel cross-piece	28
55 - Bonnet, rear lid	30
1 Bonnet	30
1.1 Tools	30
1.2 Assembly overview - bonnet	30
1.3 Removing and installing bonnet	32
1.4 Removing and installing bonnet hinge	34
1.5 Removing and installing insulation	36
1.6 Assembly overview - seals	38
1.7 Removing gas strut	39
1.8 Assembly overview - bonnet lock and release components	42
1.9 Removing and installing lid lock - LHD vehicle	43
1.10 Removing and installing lid lock - RHD vehicle	45
1.11 Detaching Bowden cable	47
1.12 Adjusting bonnet	48
1.13 Removing and installing striker pin	50
1.14 Adjusting striker pin	51
1.15 Removing and installing release lever	52



2	Rear lid	54
2.1	Tools	54
2.2	Assembly overview - rear lid	54
2.3	Removing and installing rear lid	56
2.4	Assembly overview - gas strut	59
2.5	Removing gas strut	59
2.6	Releasing gas from gas strut	61
2.7	Assembly overview - rear lid hinge	61
2.8	Removing and installing rear lid hinge	63
2.9	Removing and installing striker pin	65
2.10	Removing and installing stop buffer	66
2.11	Adjusting rear lid	67
2.12	Removing and installing rear lid lock	70
2.13	Removing and installing release element	72
2.14	Removing and installing release element with reversing camera system	74
2.15	Rear lid seal	75
2.16	Removing and installing rear lid seal	76
3	Tank flap unit	78
3.1	Tools	78
3.2	Assembly overview - tank flap unit and actuator	78
3.3	Removing and installing tank flap unit	80
3.4	Removing and installing actuator	82
57	Front doors, door components, central locking	84
1	Rear door	84
1.1	Tools	84
1.2	Assembly overview - door hinges	85
1.3	Greasing new door hinges	87
1.4	Removing and installing door	88
1.5	Door alignment	89
2	Door components	94
2.1	Tools	94
2.2	Assembly overview - front door	95
2.3	Removing and installing subframe	96
2.4	Removing and installing cover, 2-door model	102
2.5	Assembly overview - door handle and door lock	104
2.6	Removing and installing lock cylinder cover cap	105
2.7	Removing and installing lock cylinder	106
2.8	Removing and installing cover cap (without lock cylinder)	108
2.9	Removing and installing door handle	110
2.10	Removing and installing door lock	112
2.11	Removing and installing mounting bracket	114
2.12	Removing and installing trim	114
2.13	Removing and installing inner window slot seal	116
2.14	Removing and installing outer window slot seal	117
2.15	Removing and installing inner door seal	118
2.16	Removing and installing door outer seal, 2-door model	120
2.17	Removing and installing door outer seal, 4-door model	121
2.18	Assembly overview - insulation (2-door model)	123
2.19	Assembly overview - insulation (4-door model)	124
3	Central locking	125
3.1	Fitting location overview - central locking components	125
3.2	Adapting keys with remote control	126
3.3	Assembly overview - battery for folding key with remote control	127
3.4	Removing and installing battery for folding key with remote control	128



58 - Rear doors, door components	130
1 Rear door	130
1.1 Tools	130
1.2 Assembly overview - door hinges	131
1.3 Greasing new door hinges	133
1.4 Removing and installing door	134
1.5 Door alignment	135
2 Door components	140
2.1 Tools	140
2.2 Assembly overview - rear door	141
2.3 Removing and installing subframe	142
2.4 Assembly overview - door handle and door lock	148
2.5 Removing and installing cap	148
2.6 Removing and installing door handle	151
2.7 Removing and installing door lock	153
2.8 Removing and installing mounting bracket	155
2.9 Removing and installing trim	157
2.10 Removing and installing inner window slot seal	159
2.11 Removing and installing outer window slot seal	159
2.12 Removing and installing inner door seal	160
2.13 Removing and installing outer door seal	162
2.14 Assembly overview - insulation	164
60 - Sunroof	165
1 Sliding/tilting sunroof with glass panel (Meritor)	165
1.1 Tools	165
1.2 Function	166
1.3 Assembly overview - sliding/tilting sunroof with glass panel	166
1.4 Removing and installing bellows	169
1.5 Removing sliding/tilting sunroof glass panel	170
1.6 Installing sliding/tilting sunroof glass panel	171
1.7 Adjusting height of sliding/tilting sunroof glass panel	171
1.8 Adjusting panel seal	172
1.9 Renewing panel seal	173
1.10 Removing and installing wind deflector	173
1.11 Removing and installing sliding headliner	174
1.12 Removing and installing sliding/tilting sunroof glass panel drive	175
1.13 Adjusting drive for sliding/tilting sunroof glass panel ("0" position)	176
1.14 Removing and installing sliding/tilting sunroof glass panel automatic preselection switch	177
1.15 Checking parallel running	177
1.16 Adjusting parallel running	177
1.17 Assembly overview - carrier unit	178
1.18 Removing and installing carrier unit	179
1.19 Operating without current	181
1.20 Removing and installing guide plate	181
1.21 Removing and installing guide plate	182
1.22 Cleaning water drain hoses	183
63 - Bumpers	186
1 Front bumper cover	186
1.1 Tools	186
1.2 Repairing front bumper cover	186
1.3 Installing brackets for parking aid system	186
1.4 Front bumper cover	191



1.5	Front bumper cover - GTI, GTD	197
1.6	Front bumper cover - »R«	205
1.7	Front bumper cover - »R-Line«	210
1.8	Front bumper carrier	215
1.9	Assembly overview - side guide	217
2	Rear bumper cover	218
2.1	Tools	218
2.2	Repairing rear bumper cover	218
2.3	Installing brackets for parking aid system	218
2.4	Rear bumper cover	223
2.5	Rear bumper cover - GTI, GTD	227
2.6	Rear bumper cover »R«	231
2.7	Rear bumper cover - »R-Line«	235
2.8	Installing number plate carrier	239
2.9	Rear bumper cover substructure parts	240
2.10	Rear bumper carrier	241
2.11	Assembly overview - towing bracket	243
64	- Glazing	244
1	Flush bonded windows	244
1.1	Tools	244
1.2	Materials	245
1.3	Assembly overview - windscreen	246
1.4	Removing windscreen	247
1.5	Installing windscreen	249
1.6	Assembly overview - rear window	249
1.7	Removing undamaged rear window	251
1.8	Removing broken rear window	252
1.9	Installing rear window	252
1.10	Assembly overview - side window	252
1.11	Removing undamaged side window	253
1.12	Removing broken side window	254
1.13	Installing side window	254
1.14	Preparing old undamaged window for glazing	255
1.15	Preparing new window without precoating for glazing	256
1.16	Preparing body flange for glazing	257
1.17	Fitting instructions	259
1.18	Minimum curing period	259
1.19	Touching up paint damage	259
1.20	Cleaning in the event of dirt caused by adhesive sealant	259
2	Front door window	261
2.1	Tools	261
2.2	Removing and installing door window	262
2.3	Removing and installing window regulator motor	266
2.4	Removing and installing window channel	268
3	Rear door window	270
3.1	Tools	270
3.2	Removing and installing door window	270
3.3	Removing and installing window regulator motor	273
3.4	Removing and installing window crank	276
3.5	Removing and installing window channel	276
3.6	Removing and installing fixed door-window	279
66	- Exterior equipment	282
1	Wheel housing liner	282



1.1	Tools	282
1.2	Front wheel housing liner	282
1.3	Rear wheel housing liner	285
2	Exterior mirror	289
2.1	Tools	289
2.2	Assembly overview - exterior mirror	289
2.3	Removing and installing mirror glass	290
2.4	Removing and installing adjustment unit with motor	293
2.5	Removing and installing frame	294
2.6	Removing and installing mirror housing	295
2.7	Removing and installing side turn signal and entry light in exterior mirror	296
2.8	Removing and installing exterior mirror	298
3	Radiator grille	300
3.1	Tools	300
3.2	Removing and installing radiator grille	300
4	Mouldings and trims	303
4.1	Tools	303
4.2	Water deflector	303
4.3	Side member cover	307
4.4	Stone-chip protection trim	310
4.5	Side member extension »GTI« and »GTD«	314
4.6	Side member extension »GTI Edition 35«, »R« and »R-Line«	320
4.7	Cover strip	326
4.8	Wheel arch trim	328
5	Roof spoiler	330
5.1	Tools	330
5.2	Materials	330
5.3	Assembly overview - roof spoiler	331
5.4	Removing and installing roof spoiler	332
5.5	Retaining strip	335
5.6	Preparing body component for bonding	336
5.7	Fitting instructions	337
5.8	Minimum curing period	337
5.9	Touching up paint damage	338
5.10	Cleaning in the event of dirt caused by adhesive sealant	338
6	Special add-on parts	339
6.1	Assembly overview - special add-on parts, »R« and »R-Line«	339
7	Lettering and emblems	340
7.1	Tools	340
7.2	Fitting instructions	340
7.3	»R« emblem on radiator grille	340
7.4	Rear lettering - dimensions	342
7.5	Dimensions - lettering and emblems on sides	345
8	Vermin repellent system	348
8.1	Assembly overview - vermin repellent system	348