



Contents

50 - Body - front	1
1 Body, front	1
1.1 Tools	1
1.2 Assembly overview - lock carrier	1
1.3 Lock carrier - service position	3
1.4 Assembly overview - front end	5
1.5 Assembly overview - front wing	7
1.6 Replacing anti-friction foil	8
1.7 Assembly overview - noise insulation	10
1.8 Removing and installing plenum chamber cover	14
1.9 Assembly overview - vibration damper, Cabriolet	15
53 - Body - rear	16
1 Body - rear	16
1.1 Assembly overview - rear end	16
1.2 Assembly overview - rear end, Cabriolet	18
1.3 Assembly overview - rear wing	20
1.4 Removing and installing diagonal struts	22
55 - Bonnet, rear lid	24
1 Bonnet	24
1.1 Assembly overview	24
1.2 Adjusting rear lid	25
1.3 Removing and installing Bowden cable	26
1.4 Removing and installing release lever	27
1.5 Removing, installing and adjusting bonnet lock	28
2 Rear lid	29
2.1 Assembly overview - rear lid	29
2.2 Assembly overview - rear lid, Cabriolet	30
2.3 Removing gas strut	31
2.4 Removing gas strut, Cabriolet	31
2.5 Releasing gas from gas strut	32
2.6 Adjusting rear lid	32
2.7 Adjusting lid, Cabriolet	34
2.8 Removing and installing lid lock	34
2.9 Installing and removing lid lock 09.01 ► (USA)	36
2.10 Removing and installing lid lock, Cabriolet	37
2.11 Removing and installing motor carrier for remote release of rear lid	38
2.12 Removing and installing motor carrier for rear lid remote release 09.01 ► (USA)	39
2.13 Removing and installing retaining plate with motor for remote release of rear lid, Cabriolet	40
2.14 Removing and installing carrier with microswitch for rear lid, Cabriolet	42
3 Tank flap unit	43
3.1 Removing and installing tank flap unit	43
3.2 Removing and installing fuel tank filler flap release motor	44
57 - Front doors, door components, central locking	45
1 Front door	45
1.1 Tools	45
1.2 Assembly overview - front door	45
1.3 Assembly overview - front door, Cabriolet	47
1.4 Removing and installing door	49
1.5 Removing and installing door, Cabriolet	52



1.6	Adjusting door	54
1.7	Assembly overview - door handle and door lock	55
1.8	Removing and installing lock cylinder housing	56
1.9	Removing and installing door handle	57
1.10	Removing and installing door lock	58
1.11	Removing and installing door lock, Cabriolet	63
1.12	Removing and installing bearing bracket	65
1.13	Removing and installing locking knob for release rod	66
1.14	Door seals, Cabriolet	67
2	Central locking	70
2.1	Assembly overview - central locking and convenience system	70
60	Sunroof	73
1	Sliding/tilting sunroof	73
1.1	Tools	73
1.2	Function	73
1.3	Assembly overview - sliding/tilting sunroof with glass panel	73
1.4	Removing and installing sliding/tilting sunroof glass panel	75
1.5	Adjusting height of sliding/tilting sunroof glass panel	76
1.6	Adjusting panel seal	77
1.7	Renewing panel seal	77
1.8	Removing wind deflector	77
1.9	Removing sliding headlining	78
1.10	Removing sliding/tilting sunroof drive	78
1.11	Adjusting drive for sliding/tilting sunroof (zero position)	81
1.12	Removing pre-selector control for sliding/tilting sunroof	82
1.13	Checking parallel running	82
1.14	Adjusting parallel running	83
1.15	Removing and installing carrier unit	83
1.16	Removing coulisse guide	85
1.17	Cleaning water drain hoses	86
61	Convertible roof, hardtop, canopy	89
1	Convertible top	89
1.1	Safety precautions when working on convertible roof	89
1.2	Tools	89
1.3	Assembly overview - electrical/hydraulic convertible roof	90
1.4	Removing and installing electric/hydraulic convertible roof	91
1.5	Removing and installing convertible roof cover, electric/hydraulic convertible roof	94
1.6	Assembly overview - manual convertible roof	101
1.7	Removing and installing manual convertible roof	102
1.8	Removing and installing cover of manual convertible roof	105
1.9	Removing and installing padding of electric/hydraulic and manual convertible roof	119
1.10	Removing and installing convertible roof headliner of electric/hydraulic and manual convertible roof	122
1.11	Assembly overview - convertible roof headliner, tensioning system ► 11.03	132
1.12	Removing and installing convertible roof liner tensioning system ► 11.03	134
1.13	Assembly overview - convertible roof headliner, tensioning system 12.03 ►	139
1.14	Removing and installing convertible roof headliner tensioning system 12.03 ►	141
1.15	Assembly overview - front locking mechanism for electric/hydraulic and manual convertible roof	146
1.16	Removing and installing front convertible roof catch	148
1.17	Assembly overview - rear locking mechanism for electrical/hydraulic convertible roof	148
1.18	Assembly overview - rear locking mechanism for manual convertible roof	150
2	Electrical/hydraulic top	151
2.1	Assembly overview	151



2.2	Filling and bleeding the hydraulic system	151
2.3	Removing and installing hydraulic pump	153
2.4	Assembly overview - impeller for hydraulic pump	154
2.5	Removing and installing impeller for hydraulic pump	154
2.6	Assembly overview - oil reservoir	158
2.7	Removing and installing oil reservoir	158
2.8	Assembly overview - hydraulic cylinder	161
2.9	Removing and installing the hydraulic cylinder	161
2.10	Removing and installing hydraulic hoses	163
3	Manually operated convertible roof	166
3.1	Assembly overview - manual convertible roof	166
3.2	Assembly overview - dampers	167
3.3	Removing and installing dampers	167
4	Windscreen frame	169
4.1	Assembly overview - windscreen frame, electric/hydraulic and manual convertible roof	169
4.2	Removing and installing roof cross member seal and retaining rail for electrohydraulic and manually operated convertible roof	169
63	Bumpers	171
1	Front bumper	171
1.1	Assembly overview	171
2	Rear bumper	173
2.1	Assembly overview	173
64	Glazing	175
1	Flush bonded windows	175
1.1	Tools	175
1.2	Materials	177
1.3	Assembly overview - windscreen	177
1.4	Removing windscreen	178
1.5	Removing windscreen, Cabriolet	180
1.6	Installing windscreen	181
1.7	Removing and installing rain sensor	181
1.8	Assembly overview - side window	182
1.9	Removing undamaged side window	183
1.10	Removing broken side window	184
1.11	Installing side window	184
1.12	Assembly overview - rear window	184
1.13	Removing undamaged rear window	185
1.14	Removing broken rear window	187
1.15	Installing rear window	187
1.16	Preparing old undamaged window for glazing	187
1.17	Preparing new window for glazing	188
1.18	Preparing body flange for glazing	188
1.19	Installation instructions	189
1.20	Minimum curing period	189
1.21	Touching up paint damage	189
1.22	Cleaning off excess adhesive sealing material	190
2	Door windows	191
2.1	Tools	191
2.2	Assembly overview- front door window	191
2.3	Removing front door window	192
2.4	Adjusting door window	193
2.5	Removing and installing assembly carrier	193
2.6	Renewing window regulators	197



2.7	Assembly overview - front door window, Cabriolet	199
2.8	Removing and installing front door window, Cabriolet	200
2.9	Adjusting front door window, Cabriolet	201
2.10	Removing and installing assembly carrier, Cabriolet	204
2.11	Removing and installing front window regulators, Cabriolet	205
2.12	Renewing window regulator, Cabriolet	207
2.13	Electric window regulator with convenience function (automatic opening and closing) and force limitation mechanism	211
2.14	Overcoming resistance with excess force limitation	213
3	Side window, Cabriolet	214
3.1	Assembly overview - side windows	214
3.2	Removing and installing side window	214
3.3	Adjusting side window	216
3.4	Removing and installing carrier plate	220
3.5	Renewing window regulators	220
3.6	Removing and installing window regulator motor	222
66	Exterior equipment	223
1	Removing and installing wheel housing liner	223
1.1	Front wheel housing liner	223
1.2	Rear wheel housing liner	224
2	Exterior mirror	227
2.1	Tools	227
2.2	Removing and installing mirror glass	227
2.3	Removing and installing mirror housing	228
2.4	Removing and installing turn signal bulb	229
2.5	Removing and installing rear view mirror	230
3	Roof mouldings	235
3.1	Roof moulding	235
4	Protective strips	236
4.1	Renewing protective strips	236
4.2	Replacing sill panel strips, Cabriolet	237
4.3	Removing and installing convertible roof frame protective strip, Cabriolet	238
5	Rear spoiler	241
5.1	Assembly overview	241
5.2	Function	241
5.3	Raising and lowering the rear spoiler "manually"	242
5.4	Removing and installing rear spoiler drive	242
5.5	Removing and installing rear spoiler assembly	243
5.6	Checking and adjusting parallel running	245
5.7	Removing and installing cable lower guide tubes	246
5.8	Lubricate rear spoiler rods	247
6	Windbreak	248
6.1	Removing and installing windbreak mounting	248
6.2	Removing and installing rear windbreak mounting	248