

Contents

00 - Technical data	1
1 General notes	1
1.1 General information on hydraulic system	1
1.2 Rules for cleanliness when working on hydraulic system	1
2 Safety precautions	2
2.1 Safety precautions when working on the convertible roof	2
3 Repair notes	3
3.1 Routing and attaching lines and wiring	3
3.2 Contact corrosion	3
3.3 Bonding surfaces for adhesive strips	3
3.4 Self-locking bolts	3
50 - Body - front	4
1 Lock carrier	4
1.1 Exploded view - lock carrier	4
1.2 Exploded view - strut for engine mounting	6
2 Wing	9
2.1 Exploded view - wing	9
3 Bulkhead	11
3.1 Exploded view - plenum chamber cover	11
55 - Bonnet, rear lid	13
1 Bonnet	13
1.1 Exploded view - bonnet	13
1.2 Exploded view - bonnet lock	16
1.3 Exploded view - Bowden cable	17
1.4 Exploded view - gas strut	22
1.5 Exploded view - bonnet seals	23
1.6 Removing and installing bonnet	24
1.7 Adjusting bonnet	24
1.8 Removing and installing bonnet lock	28
1.9 Removing and installing operating lever for bonnet lock	31
1.10 Removing and installing striker	34
1.11 Removing and installing hinges	35
1.12 Removing and installing gas strut	37
1.13 Releasing gas from gas strut	38
1.14 Removing and installing Bowden cable	39
1.15 Removing and installing mounting bracket for bonnet Bowden cables	42
1.16 Adjusting Bowden cables for bonnet lock	44
1.17 Removing and installing impact guard	44
2 Rear lid	46
2.1 Exploded view - rear lid	46
2.2 Exploded view - hinges	50
2.3 Exploded view - gas strut	53
2.4 Adjusting rear lid	55
2.5 Removing and installing rear lid lock	56
2.6 Manual release for rear lid lock	58
2.7 Removing and installing rear lid seal	65
2.8 Removing and installing gas strut	68
2.9 Releasing gas from gas strut	69
3 Tank flap unit	70
3.1 Exploded view - tank flap unit	70



3.2	Removing and installing tank flap unit	70
57	Front doors, door components, central locking	75
1	Door	75
1.1	Exploded view - door	75
1.2	Adjusting door	76
1.3	Adjusting striker	79
1.4	Removing and installing inner door seal	80
1.5	Removing and installing outer door seal	82
2	Door components	85
2.1	Exploded view - door handle and door lock	85
2.2	Removing and installing window regulator motor	88
2.3	Removing and installing window regulator	89
2.4	Removing and installing inner window slot trim strip	91
2.5	Removing and installing outer window slot trim strip	92
2.6	Removing and installing inner door cover	93
2.7	Removing and installing lock cylinder	94
2.8	Removing and installing mounting bracket	94
2.9	Removing and installing door lock	95
2.10	Side impact bar	97
2.11	Protective side strip	97
2.12	Reinforcement for door trim	98
3	Central locking system	99
3.1	Overview of fitting locations - central locking system	99
3.2	Removing and installing bonnet contact switch F266	100
3.3	Removing and installing tank filler flap locking motor V155	101
61	Convertible roof, hardtop, canopy	107
1	Convertible roof	108
1.1	Exploded view - convertible roof	109
1.2	Exploded view - convertible roof compartment trim (front)	110
1.3	Exploded view - convertible roof locking mechanism in convertible roof compartment	111
1.4	Exploded view - convertible roof cover	112
1.5	Overview - electrical and electronic components	113
1.6	Exploded view - hydraulic system	114
1.7	Exploded view - convertible roof actuation hydraulic pump V118	115
1.8	Exploded view - hydraulic cylinder	116
1.9	Removing and installing convertible roof	116
1.10	Removing and installing convertible roof compartment trim (front)	118
1.11	Detaching tensioner at main mounting	118
1.12	Adjusting convertible roof	120
1.13	Removing and installing tensioning strap for tensioner	124
1.14	Removing and installing seals for convertible roof	125
1.15	Removing and installing flap for convertible roof frame	126
1.16	Removing and installing trim for convertible roof compartment	127
1.17	Removing and installing water drip tray	129
1.18	Removing and installing water drain hose	130
1.19	Removing trim cover (front)	131
1.20	Removing and installing convertible roof locking mechanism	132
1.21	Height adjustment for convertible roof locking mechanism and front cross strut	135
1.22	Removing and installing locking element	137
1.23	Removing and installing convertible roof cover	138
1.24	Removing and installing headliner	145
1.25	Removing and installing right latch switch for convertible roof F170	150
1.26	Removing and installing front latch switch for convertible roof F172	151
1.27	Removing and installing convertible roof latch open switch F294	151

1.28	Removing and installing convertible roof latch closed switch F295	151
1.29	Convertible roof lock motor V223	151
1.30	Removing and installing convertible roof stowed switch F171 / convertible roof front switch F202	152
1.31	Removing and installing left convertible roof flap motor V383 / right convertible roof flap motor V381	152
1.32	Removing and installing convertible roof actuation control unit J256	153
1.33	Removing and installing hydraulic line	153
1.34	Removing and installing pump motor	156
1.35	Removing and installing fluid reservoir	156
1.36	Removing and installing pump housing	158
1.37	Removing and installing hydraulic cylinder	159
1.38	Checking fluid level in hydraulic system	159
1.39	Filling and bleeding the hydraulic system	160
63	- Bumpers	161
1	Bumper (front)	161
1.1	Exploded view - bumper cover	161
1.2	Exploded view - impact bar	164
1.3	Removing and installing bumper cover	166
1.4	Removing and installing guide for bumper	172
1.5	Removing and installing air intake grille	174
1.6	Removing and installing attachments	175
1.7	Removing and installing impact bar	176
1.8	Removing and installing impact absorber	177
2	Bumper (rear)	178
2.1	Exploded view - bumper cover	178
2.2	Exploded view - impact bar	180
2.3	Removing and installing bumper cover	184
2.4	Removing and installing guides	187
2.5	Removing and installing attachments	190
2.6	Removing and installing bumper bracket	193
2.7	Removing and installing impact absorber	194
2.8	Removing and installing impact bar	194
64	- Glazing	195
1	Notes on repairs	195
1.1	Minimum drying times for bonded windows	195
1.2	Repairing windows	195
1.3	Notes on installing flush-bonded windows	196
1.4	Preparing undamaged windows for installation	199
1.5	Preparing new windows for installation	199
1.6	Preparing body flange for installation	200
1.7	Cleaning off adhesive sealant	200
1.8	Re-sealing windows	200
2	Windscreen	201
2.1	Exploded view - windscreen	201
2.2	Removing and installing windscreen	203
2.3	Removing and installing rain and light sensor G397	207
3	Rear window	211
3.1	Exploded view - rear window	211
3.2	Removing and installing rear window	212
4	Side windows	217
4.1	Exploded view - side window	217
4.2	Removing and installing side window	217



5	Door windows	220
5.1	Removing and installing front door window	220
5.2	Adjusting front door window	222
66	- Exterior equipment	226
1	Radiator grille/front trim panel	226
1.1	Exploded view - radiator grille	226
1.2	Removing and installing number plate holder	228
1.3	Removing and installing radiator grille	228
1.4	Removing and installing cover for radiator grille	228
2	Spoiler	230
2.1	Exploded view - spoiler	230
2.2	Removing and installing spoiler	234
2.3	Assembling spoiler	235
3	Strips / trim panels / extensions	241
3.1	Exploded view - trim panel for A-pillar	241
3.2	Exploded view - sill panel trim	242
3.3	Exploded view - side member trim	243
3.4	Exploded view - heat shield	245
3.5	Removing and installing trim panel for A-pillar	251
4	Noise insulation	252
4.1	Exploded view - noise insulation	252
5	Roof strips / roof rails	253
5.1	Exploded view - roof trim strip	253
6	Exterior mirrors	255
6.1	Exploded view - exterior mirror	255
6.2	Removing and installing mirror glass	255
6.3	Removing and installing mirror adjustment unit	256
6.4	Removing and installing exterior mirror housing	257
7	Wheel housing liners	259
7.1	Exploded view - wheel housing liner (front)	259
7.2	Exploded view - wheel spoiler (front)	260
7.3	Exploded view - wheel housing liner (rear)	261
7.4	Exploded view - wheel spoiler (rear)	262
8	Model badges and brand emblems	263
8.1	Dimensions - model badges and brand emblems on rear lid	263
8.2	Dimensions - model badges and brand emblems on wings	264
8.3	Removing and installing emblems	264