



Contents

50 - Body - front	1
1 Lock carrier	1
1.1 Assembly overview – lock carrier	1
1.2 Removing and installing lock carrier	3
2 Wings	8
2.1 Assembly overview - wing	8
2.2 Removing and installing wing	9
3 Bulkhead	14
3.1 Assembly overview - plenum chamber cover	14
3.2 Removing and installing plenum chamber cover	15
51 - Body - centre	17
1 Removing and installing ladder frame	17
1.1 General notes; Body repairs, General body repairs	17
1.2 Assembly overview - ladder frame	17
1.3 Installing holder for ABS hydraulic unit N55 with ABS control unit J104	19
1.4 Removing and installing rear cross member	21
1.5 Installing spare wheel bracket	22
1.6 Installing brake lines	22
1.7 Installing fuel lines	24
55 - Bonnet, rear lid	26
1 Bonnet (hood)	26
1.1 Assembly overview - bonnet	26
1.2 Assembly overview - Bowden cable	27
1.3 Removing and installing bonnet	28
1.4 Adjusting bonnet	29
1.5 Removing and installing bonnet lock	33
1.6 Removing and installing bonnet release lever	36
1.7 Removing and installing striker pin	36
1.8 Removing and installing hinges	36
1.9 Removing and installing insulation	38
1.10 Removing and installing Bowden cable	40
1.11 Removing and installing support rod	41
2 Rear lid	43
2.1 Assembly overview - add-on parts on tailgate	43
2.2 Assembly overview - tailgate with torsion bar	45
2.3 Assembly overview - hinge	46
2.4 Assembly overview - tailgate lock	47
2.5 Assembly overview - tailgate handle	48
2.6 Assembly overview - arrester cable, tailgate	50
2.7 Assembly overview - tailgate spacer	52
2.8 Assembly overview - tailgate seals	52
2.9 Removing and installing tailgate	52
2.10 Adjusting tailgate	54
2.11 Removing and installing hinge	54
2.12 Removing and installing tailgate lock	56
2.13 Removing and installing tailgate handle	58
2.14 Removing and installing striker plate	61
2.15 Removing and installing torsion bar	63
3 Load bed	65
3.1 Assembly overview - load bed	65



3.2	Assembly overview - load bed add-on parts	66
3.3	Assembly overview - fastening rings	67
3.4	Removing and installing load bed	68
3.5	Removing and installing cross member buffer	70
4	Cab	72
4.1	Assembly overview - cab	72
4.2	Assembly overview - front mountings, cab	74
4.3	Assembly overview - centre mountings, cab	75
4.4	Assembly overview - rear mountings, cab	76
4.5	Assembly overview - retaining strap, cab	78
4.6	Removing and installing cab	78
4.7	Removing and installing retaining strap for cab	81
4.8	Removing and installing pressure hoses and hose connections with screw-type clamps	81
5	Tank flap unit	85
5.1	Assembly overview - tank flap unit	85
5.2	Removing and installing fuel tank flap	86
5.3	Removing and installing tank flap unit	86
5.4	Removing and installing actuator	88
57	Front doors, door components, central locking	90
1	Door	90
1.1	Assembly overview - door	90
1.2	Removing and installing inner door seal	92
1.3	Removing and installing door	94
1.4	Adjusting striker pin	97
1.5	Removing and installing door hinge	98
1.6	Removing and installing door arrester	101
2	Door components	104
2.1	Assembly overview - door components	104
2.2	Assembly overview - window regulator	106
2.3	Assembly overview - Bowden cable	107
2.4	Assembly overview - door lock cover	108
2.5	Assembly overview - cap	109
2.6	Assembly overview - window regulator motor	110
2.7	Removing and installing window regulator motor	110
2.8	Removing and installing window regulator	112
2.9	Removing and installing door handle	114
2.10	Removing and installing door lock	114
2.11	Removing and installing window channel	117
2.12	Removing and installing lock cylinder	118
2.13	Removing and installing housing (without lock cylinder)	120
2.14	Removing and installing interior door handle	123
2.15	Removing and installing mounting bracket	124
2.16	Removing and installing striker pin	126
2.17	Removing and installing window slot outer seal	126
2.18	Removing and installing window slot inner seal	128
2.19	Removing and installing outer door seal	130
2.20	Assembly overview - impact rail of front door	132
2.21	Removing and installing loudspeaker in front door	132
3	Central locking	134
3.1	Assembly overview - ignition key	134
3.2	Removing and installing ignition key battery	135
58	Rear doors, door components	136
1	Door	136



1.1	Assembly overview - door	136
1.2	Removing and installing door	139
1.3	Adjusting striker pin	140
1.4	Removing and installing door hinge	141
1.5	Removing and installing door arrester	144
1.6	Removing and installing inner door seal	145
1.7	Removing and installing outer door seal	147
2	Door components	148
2.1	Assembly overview - door components	148
2.2	Assembly overview - window regulator	150
2.3	Assembly overview - Bowden cable	151
2.4	Assembly overview - door lock cover	152
2.5	Assembly overview - cap	153
2.6	Assembly overview - window regulator motor	154
2.7	Removing and installing window regulator motor	154
2.8	Removing and installing window regulator	156
2.9	Removing and installing door handle	157
2.10	Removing and installing door lock	157
2.11	Removing and installing housing (without lock cylinder)	159
2.12	Removing and installing interior door handle	162
2.13	Removing and installing mounting bracket	163
2.14	Removing and installing striker pin	164
2.15	Removing and installing window channel	164
2.16	Removing and installing window slot inner seal	166
60	Sunroof	168
1	Sliding/tilting sunroof	168
61	Convertible roof, hardtop, canopy	169
1	Hardtop	169
1.1	Assembly overview - aluminium rail	169
1.2	Assembly overview - seals	170
1.3	Assembly overview - protective films	171
1.4	Removing and installing hardtop	172
1.5	Preassembly of aluminium rail	180
2	Lid for hardtop	183
2.1	Assembly overview - hardtop lid	183
2.2	Assembly overview - hinge	185
2.3	Assembly overview - rotary latch lock	186
2.4	Assembly overview - handle with lock cylinder	187
2.5	Assembly overview - gas strut bracket	188
2.6	Assembly overview - striker for lid	189
2.7	Removing and installing hardtop lid	189
2.8	Removing and installing hardtop lid hinge	191
2.9	Removing and installing rotary latch lock	192
2.10	Removing and installing handle with lock cylinder	194
2.11	Removing and installing gas strut bracket	196
2.12	Removing and installing hardtop lid striker	197
2.13	Removing gas strut	199
2.14	Releasing gas from gas strut	200
2.15	Removing and installing lock cover	200
2.16	Removing and installing high-level brake light	201
2.17	Removing and installing hardtop lid seal	203
3	Tailgate	205
3.1	Assembly overview - retainer	205



3.2	Assembly overview - tailgate seals	206
3.3	Removing and installing anchor	206
4	Glazing	208
4.1	Assembly overview - glazing	208
4.2	Assembly overview - rear window	209
4.3	Removing and installing rear window	209
4.4	Removing and installing sliding window	215
4.5	Removing and installing front sliding window	216
5	Trims, foam components	219
5.1	Removing and installing top panel	219
5.2	Removing and installing right D-pillar trim	221
5.3	Removing and installing left D-pillar trim	223
5.4	Removing and installing hardtop middle trim	226
5.5	Removing and installing front trim	232
5.6	Removing and installing edge protector	233
5.7	Removing and installing rear seal	234
63	- Bumpers	235
1	Bumper, front	235
1.1	Assembly overview - bumper cover	235
1.2	Assembly overview - impact bar	238
1.3	Assembly overview - add-on parts	239
1.4	Removing and installing bumper cover	243
1.5	Removing and installing impact bar	247
1.6	Removing and installing add-on parts	249
1.7	Repairing bumper cover	254
2	Bumper, rear	258
2.1	Assembly overview - bumper cover	258
2.2	Removing and installing bumper carrier	259
2.3	Removing and installing bumper cover	260
2.4	Removing and installing closure plate	261
2.5	Removing and installing lower step	262
2.6	Removing and installing upper step	262
2.7	Repairing bumper cover	263
64	- Glazing	264
1	Repair notes	264
1.1	Minimum curing periods for bonded windows	264
1.2	Window repair	264
1.3	Installation instructions for bonded windows	265
1.4	Preparing old undamaged windows for fitting	266
1.5	Preparing new windows for installing	267
1.6	Preparing body flange for fitting	267
1.7	Cleaning off excess adhesive	268
2	Windscreen	270
2.1	Assembly overview - windscreen	270
2.2	Removing and installing windscreen	271
3	Rear windscreen	276
3.1	Assembly overview - rear window	276
3.2	Removing and installing rear window	277
4	Door windows	283
4.1	Assembly overview - front door window	283
4.2	Assembly overview - rear door window	284
4.3	Removing and installing front door window	285
4.4	Removing and installing guide rail	286



4.5	Removing and installing rear door window	286
4.6	Removing and installing fixed door-window	290
66	Exterior equipment	294
1	Radiator grille and front trim	294
1.1	Assembly overview - radiator grille	294
1.2	Removing and installing radiator grille	295
2	Mouldings, trims, extensions	297
2.1	Assembly overview - heat shield	297
2.2	Removing and installing underbody heat shield	298
3	Noise insulation	302
3.1	Assembly overview - engine/gearbox guard	302
3.2	Removing and installing engine/gearbox guard	303
4	Trim film and protective film	307
4.1	Renewing protective films	307
5	Roof moulding and roof railing	319
5.1	Renewing roof strip	319
6	Exterior mirror	321
6.1	Assembly overview - exterior mirror	321
6.2	Removing and installing mirror glass	322
6.3	Removing and installing mirror trim	324
6.4	Removing and installing mirror cover	325
6.5	Removing and installing exterior mirror	327
7	Wheel housing liner	329
7.1	Assembly overview - front wheel housing liner	329
7.2	Assembly overview - rear wheel housing liner	330
7.3	Removing and installing front wheel housing liner	331
7.4	Removing and installing rear wheel housing liner	333
8	Lettering and emblems	335
8.1	Assembly overview - lettering and emblems	335
8.2	Removing and installing lettering	335
8.3	Dimensions - lettering and emblems on rear	337
8.4	Dimensions - lettering and emblems on sides	341
8.5	Removing and installing lettering and emblems for radiator grille	342
8.6	Renewing lettering and badges at rear	344
9	Special add-on parts	346
9.1	Assembly overview – special add-on parts	346
9.2	Assembly overview - side bar	350
9.3	Assembly overview - design double roll bar	352
9.4	Assembly overview - carrier for additional driving lights	354
9.5	Assembly overview - rear step	355
9.6	Removing and installing carrier for additional main beam headlights	356
9.7	Roller cover for luggage compartment	357
9.8	Removing and installing sports bar	378
9.9	Removing and installing design double roll bar for luggage compartment cover	383
10	Wheel arch trim PR No. "0FA"	386
10.1	Repair notes	386
10.2	Removing and installing wheel arch trim, wing	390
10.3	Removing and installing wheel arch trim - left load bed	394
10.4	Removing and installing wheel arch trim - right load bed	398
11	Wheel arch trim PR No. "0FX"	403
11.1	Repair notes	403
11.2	Removing and installing wheel arch trim, wing	407
11.3	Removing and installing wheel arch trim - left load bed	411



11.4	Removing and installing wheel arch trim - right load bed	415
12	Buffer - cross panel	418
12.1	Assembly overview - buffer - rear cross panel	418
13	Towing bracket	419
13.1	Assembly overview - towing bracket	419
13.2	Removing and installing towing bracket	420
14	Spare wheel bracket	422
14.1	Assembly overview - spare wheel bracket	422
15	Mudflap	424
15.1	Assembly overview - mudflap	424
15.2	Removing and installing mudflaps	429