



Contents

50 - Body - front	1
1 Lock carrier	1
1.1 Assembly overview - lock carrier	1
1.2 Removing and installing lock carrier	2
1.3 Moving to and back from service position	3
2 Wings	7
2.1 Assembly overview - wing	7
2.2 Removing and installing wing	7
3 Bulkhead	13
3.1 Assembly overview - plenum chamber bulkhead	13
3.2 Assembly overview - plenum chamber cover	14
3.3 Removing and installing plenum chamber bulkhead	14
3.4 Removing and installing plenum chamber cover	16
55 - Bonnet, rear lid	19
1 Bonnet (hood)	19
1.1 Assembly overview - bonnet	19
1.2 Assembly overview - Bowden cable	21
1.3 Removing and installing bonnet	21
1.4 Adjusting bonnet	22
1.5 Removing and installing bonnet lock	26
1.6 Removing and installing bonnet release lever	27
1.7 Removing and installing striker pin	28
1.8 Removing and installing hinges	28
1.9 Removing and installing insulation	29
1.10 Removing and installing gas strut	31
1.11 Releasing gas from gas strut	32
1.12 Removing and installing Bowden cable	32
2 Rear lid	34
2.1 Assembly overview - rear lid	34
2.2 Removing and installing rear lid	35
2.3 Adjusting rear lid	37
2.4 Removing and installing bonnet lock	42
2.5 Removing and installing operating mechanism	44
2.6 Removing and installing hinges	45
2.7 Removing and installing striker pin	48
2.8 Removing and installing rear lid seal	48
2.9 Removing and installing gas strut	49
2.10 Releasing gas from gas strut	50
3 Tank flap unit	51
3.1 Assembly overview - tank flap unit	51
3.2 Removing and installing tank flap unit	52
57 - Front doors, door components, central locking	56
1 Door	56
1.1 Assembly overview - door	56
1.2 Assembly overview - door seals	60
1.3 Removing and installing inner door seal	60
1.4 Removing and installing outer door seal	61
1.5 Removing and installing door	63
1.6 Adjusting door	67
1.7 Adjusting striker pin	68



1.8	Removing and installing door hinge	69
2	Door components	74
2.1	Assembly overview - door components	74
2.2	Assembly overview - window regulator	76
2.3	Assembly overview - door handle and door lock	77
2.4	Assembly overview - window channels and window slot (aperture) seals	78
2.5	Removing and installing window regulator motor V14/V15	78
2.6	Removing and installing window regulator	79
2.7	Removing and installing window crank	81
2.8	Removing and installing inner door cover	81
2.9	Removing and installing striker pin	83
2.10	Removing and installing door handle	84
2.11	Removing and installing mounting bracket	84
2.12	Removing and installing door lock	86
2.13	Removing and installing window slot inner seal	87
2.14	Removing and installing window slot outer seal	88
2.15	Removing and installing lock cylinder	89
2.16	Removing and installing cap on door handle	91
3	Central locking	95
3.1	Overview of fitting locations - central locking	95
3.2	Assembly overview - ignition key	97
3.3	Removing and installing ignition key battery	99
58	Rear doors, door components	102
1	Sliding door	102
1.1	Assembly overview – sliding door	102
1.2	Removing and installing sliding door	107
1.3	Adjusting sliding door	110
1.4	Removing and installing hinge	118
1.5	Removing and installing door arrester	118
1.6	Removing and installing upper stop	119
1.7	Removing and installing guide rail cover	120
1.8	Removing and installing middle guide rail	122
1.9	Removing and installing inner door seal	125
2	Door components	128
2.1	Assembly overview – sliding door	128
2.2	Removing and installing striker pin	132
2.3	Removing and installing door lock	133
2.4	Removing and installing exterior door handle	134
2.5	Removing and installing remote release mechanism	135
2.6	Removing and installing mounting bracket	137
2.7	Removing and installing interior operating mechanism	138
3	Wing door	141
3.1	Assembly overview - wing door	141
3.2	Assembly overview – wing door hinges	143
3.3	Removing and installing wing door	143
3.4	Removing and installing rear wing door hinges	145
3.5	Adjusting wing door	147
3.6	Removing and installing wing door seal	152
3.7	Removing and installing inner seal of wing door	153
4	Components of rear wing door	154
4.1	Assembly overview - door components	154
4.2	Removing and installing striker pin	158
4.3	Removing and installing upper lock	160
4.4	Removing and installing lower lock	161



4.5	Removing and installing release lever	163
4.6	Removing and installing carrier for vehicles with central locking	164
4.7	Removing and installing operating mechanism	165
4.8	Removing and installing door handle	166
4.9	Removing and installing handle trim	168
4.10	Removing and installing lock cylinder	169
60	- Sunroof	171
63	- Bumpers	172
1	Bumper, front	172
1.1	Assembly overview - bumper cover	172
1.2	Assembly overview - impact bar	176
1.3	Removing and installing bumper cover	176
1.4	Repairing bumper cover	179
2	Bumper, rear	187
2.1	Assembly overview - bumper cover	187
2.2	Assembly overview - impact bar	192
2.3	Removing and installing bumper cover	193
2.4	Removing and installing impact bar	195
2.5	Repairing bumper cover	196
64	- Glazing	203
1	Repair notes	203
1.1	Minimum curing periods for bonded windows	203
1.2	Window repair	203
1.3	Installation instructions for bonded windows	204
1.4	Preparing old undamaged windows for fitting	205
1.5	Preparing new windows for installing	206
1.6	Preparing body flange for fitting	207
1.7	Cleaning off excess adhesive	207
2	Windscreen	209
2.1	Assembly overview - windscreen	209
2.2	Removing and installing windscreen	210
3	Rear windscreen	214
3.1	Assembly overview - rear window	214
3.2	Removing and installing rear window	218
4	Side window	222
4.1	Assembly overview - side windows	222
4.2	Removing and installing front side window	229
4.3	Removing and installing side window	230
4.4	Removing and installing sliding window in sliding door	233
4.5	Removing and installing side window	240
4.6	Removing and installing sliding window in side panel	242
4.7	Removing and installing movable section of sliding window	245
5	Door windows	248
5.1	Removing and installing front door window	248
66	- Exterior equipment	252
1	Radiator grille and front trim	252
1.1	Assembly overview - radiator grille	252
1.2	Removing and installing radiator grille	253
2	Mouldings, trims, extensions	254
2.1	Assembly overview - trim strip and covers	254
2.2	Assembly overview - heat shield	255



2.3	Removing and installing trim strip	255
2.4	Removing and installing entry moulding	256
2.5	Removing and installing underbody heat shield	259
3	Noise insulation	262
3.1	Assembly overview - noise insulation	262
3.2	Removing and installing noise insulation	264
4	Underbody cladding	266
4.1	Assembly overview - tunnel cross-piece	266
4.2	Removing and installing tunnel cross-piece	266
5	Trim film and protective film	269
5.1	Renewing protective films	269
6	Roof moulding and roof railing	272
6.1	Assembly overview - roof railing	272
6.2	Removing and installing roof railing	273
7	Exterior mirror	279
7.1	Assembly overview - exterior mirror	279
7.2	Removing and installing exterior mirror	281
7.3	Removing and installing mirror glass	285
7.4	Removing and installing housing frame	287
7.5	Removing and installing mirror cover	289
7.6	Removing and installing mirror trim, passenger car type	292
8	Wheel housing liner	294
8.1	Assembly overview - front wheel housing liner	294
8.2	Assembly overview - rear wheel housing liner	295
8.3	Removing and installing front wheel housing liner	295
8.4	Removing and installing rear wheel housing liner	297
9	Lettering and emblems	300
9.1	Assembly overview - lettering and emblems	300
9.2	Dimensions - lettering and emblems on rear	303
9.3	Removing and installing lettering	306
9.4	Renewing lettering and badges on sides	307
9.5	Renewing lettering and badges at rear	311
9.6	Removing and installing lettering and emblems for radiator grille	313
10	Special add-on parts	315
10.1	Repair notes	315
10.2	Assembly overview – special add-on parts	318
10.3	Removing and installing trim insert for side member extension	320
10.4	Removing and installing side member extension	322
10.5	Removing and installing wheel housing extension for wing	325
10.6	Removing and installing wheel housing extension for sliding door	326
10.7	Removing and installing wheel housing extension for side panel	328
10.8	Removing and installing front and rear door trim	329
10.9	Removing and installing front spoiler	330
10.10	Removing and installing rear spoiler	333
11	Support	335
11.1	Assembly overview - towing bracket	335
11.2	Removing and installing towing bracket	337
12	Spare wheel bracket	341
12.1	Assembly overview - spare wheel bracket	341