



Contents

50 - Body - front	1
1 Lock carrier	1
1.1 Assembly overview - lock carrier	1
1.2 Removing and installing lock carrier	4
1.3 Moving to and back from service position	7
2 Wings	11
2.1 Assembly overview - wing	11
2.2 Removing and installing wing	13
2.3 Removing and installing wing bracket	15
3 Bulkhead	16
3.1 Assembly overview - plenum chamber bulkhead	16
3.2 Assembly overview - plenum chamber cover	17
3.3 Removing and installing plenum chamber bulkhead	18
3.4 Removing and installing plenum chamber cover	20
55 - Bonnet, rear lid	24
1 Bonnet	24
1.1 Assembly overview - bonnet	24
1.2 Assembly overview - Bowden cable	25
1.3 Removing and installing bonnet	26
1.4 Adjusting bonnet	27
1.5 Removing and installing bonnet lock	30
1.6 Removing and installing bonnet release lever	33
1.7 Removing and installing striker pin	34
1.8 Removing and installing hinges	35
1.9 Removing and installing insulation	36
1.10 Removing and installing Bowden cable	39
1.11 Removing and installing support rod	40
2 Rear lid	42
2.1 Assembly overview - rear lid	42
2.2 Assembly overview - hinge	43
2.3 Assembly overview - gas strut	44
2.4 Assembly overview - number plate carrier	44
2.5 Removing and installing rear lid	45
2.6 Adjusting rear lid	46
2.7 Removing and installing bonnet lock	49
2.8 Removing and installing operating mechanism	50
2.9 Removing and installing hinges	51
2.10 Removing and installing striker pin	54
2.11 Removing and installing rear lid seal	55
2.12 Removing and installing gas strut	56
2.13 Releasing gas from gas strut	57
3 Tank flap unit	58
3.1 Assembly overview - tank flap unit	58
3.2 Removing and installing tank flap unit	58
57 - Front doors, door components, central locking	64
1 Door	64
1.1 Removing and installing inner door seal	64
1.2 Removing and installing outer door seal	65
1.3 Removing and installing door	66
1.4 Adjusting door	68



1.5	Adjusting striker pin	70
1.6	Removing and installing door hinge	71
1.7	Removing and installing door arrester	72
2	Door components	75
2.1	Assembly overview – door hinge	75
2.2	Assembly overview - door components	77
2.3	Assembly overview - door handle and door lock	78
2.4	Assembly overview - insulation	79
2.5	Removing and installing window regulator motor	80
2.6	Removing and installing window regulator	84
2.7	Removing and installing inner door cover	86
2.8	Removing and installing striker pin	87
2.9	Removing and installing door handle	88
2.10	Removing and installing door handle bracket	90
2.11	Removing and installing door lock	92
2.12	Removing and installing window channel	95
2.13	Removing and installing inner window slot seal	97
2.14	Removing and installing outer window slot seal	99
2.15	Removing and installing lock cylinder	100
2.16	Removing and installing cap on door handle	103
3	Central locking	107
3.1	Overview of fitting locations - central locking	107
3.2	Assembly overview - ignition key	109
3.3	Removing and installing ignition key battery	111
3.4	Removing and installing tank filler flap locking motor V155	112
58	Rear doors, door components	115
1	Door	115
1.1	Assembly overview - door	115
1.2	Removing and installing door	116
1.3	Adjusting door	118
1.4	Adjusting striker pin	120
1.5	Removing and installing door hinges	120
1.6	Removing and installing door arrester	122
1.7	Removing and installing outer door seal	124
1.8	Removing and installing inner door seal	125
2	Door components	127
2.1	Assembly overview - door components	127
2.2	Assembly overview - door handle and door lock	129
2.3	Assembly overview - insulation	130
2.4	Removing and installing window regulator motor	130
2.5	Removing and installing window regulator	134
2.6	Removing and installing inner door cover	136
2.7	Removing and installing striker pin	137
2.8	Removing and installing door handle	137
2.9	Removing and installing door handle bracket	139
2.10	Removing and installing door lock	141
2.11	Removing and installing window channel	144
2.12	Removing and installing outer window slot seal	146
2.13	Removing and installing inner window slot seal	147
2.14	Removing and installing cap on door handle	148
60	Sunroof	152
1	Sliding sunroof	152
1.1	Assembly overview - sliding sunroof	152



1.2	Removing and installing glass panel	153
1.3	Removing and installing wind deflector	155
1.4	Adjusting sunroof panel	156
1.5	Checking parallel running of glass panel	158
1.6	Adjusting parallel running of glass panel	158
1.7	Removing and installing sliding sunroof seals	159
1.8	Removing and installing sliding headliner	159
1.9	Removing and installing sliding sunroof adjustment control unit J245	160
1.10	Adapting sliding sunroof adjustment control unit J245	161
1.11	Removing and installing sliding sunroof frame	161
2	Water drain hoses	164
2.1	Cleaning water drainage hoses	164
63	- Bumpers	166
1	Bumper, front	166
1.1	Assembly overview - bumper cover	166
1.2	Assembly overview - impact bar	170
1.3	Removing and installing bumper cover	170
1.4	Installing front number plate carrier	173
1.5	Repairing bumper cover	174
1.6	Installing holder for parking aid sender	174
2	Bumper, rear	180
2.1	Assembly overview - bumper cover	180
2.2	Assembly overview - impact bar	183
2.3	Removing and installing bumper cover	183
2.4	Repairing bumper cover	186
2.5	Installing holder for parking aid sender	186
64	- Glazing	191
1	Repair notes	191
1.1	Minimum curing periods for bonded windows	191
1.2	Window repair	191
1.3	Installation instructions for bonded windows	193
1.4	Preparing old undamaged windows for fitting	194
1.5	Preparing new windows for installing	194
1.6	Preparing body flange for fitting	195
1.7	Cleaning off excess adhesive	196
2	Windscreen	197
2.1	Assembly overview - windscreen	197
2.2	Removing and installing windscreen	198
3	Rear windscreen	202
3.1	Assembly overview - rear window	202
3.2	Removing and installing rear window	202
4	Door windows	206
4.1	Assembly overview - front door window	206
4.2	Assembly overview - rear door window	207
4.3	Removing and installing front door window	207
4.4	Removing and installing rear door window	211
4.5	Removing and installing fixed rear door window	215
66	- Exterior equipment	218
1	Radiator grille and front trim	218
1.1	Assembly overview - radiator grille	218
1.2	Removing and installing radiator grille	218
2	Spoiler	221



2.1	Removing and installing spoiler	221
3	Mouldings, trims, extensions	227
3.1	Assembly overview - covers	227
3.2	Assembly overview - side member trim	229
3.3	Assembly overview - water deflector	229
3.4	Assembly overview - B-pillar trim	231
3.5	Removing and installing trim strip	231
3.6	Removing and installing cover	233
3.7	Removing and installing entry moulding	234
3.8	Removing and installing side member trim	237
3.9	Removing and installing water deflector	246
3.10	Removing and installing B-pillar trim	250
4	Noise insulation	252
4.1	Assembly overview - noise insulation	252
4.2	Removing and installing noise insulation	254
5	Underbody cladding	258
5.1	Overview of fitting locations - underbody cladding	258
5.2	Assembly overview - bracing on underbody	261
5.3	Removing and installing underbody cladding	261
5.4	Removing and installing tunnel cross-piece	264
6	Exterior mirror	267
6.1	Assembly overview - exterior mirror	267
6.2	Removing and installing exterior mirror	270
6.3	Removing and installing mirror glass	275
6.4	Removing and installing mirror adjustment unit	277
6.5	Removing and installing mirror cover	279
6.6	Removing and installing mirror trim	282
7	Wheel housing liner	286
7.1	Assembly overview - front wheel housing liner	286
7.2	Assembly overview - rear wheel housing liner	287
7.3	Removing and installing front wheel housing liner	287
7.4	Removing and installing rear wheel housing liner	289
8	Lettering and badges	292
8.1	Assembly overview - lettering and badges	292
8.2	Dimensions - lettering and badges on rear	293
8.3	Dimensions - lettering and badges on sides	297
8.4	Removing and installing badges at vehicle front	298
8.5	Removing and installing lettering	299
9	Support tool	301
9.1	Assembly overview - towing bracket	301
9.2	Removing and installing towing bracket	301