

## Contents

<b>00 - Technical data</b> .....	<b>1</b>
<b>1 Repair instructions</b> .....	<b>1</b>
1.1 Routing and attachment of lines and wiring .....	1
1.2 Contact corrosion .....	1
1.3 Bonding surfaces for adhesive strips .....	1
1.4 Self-locking bolts .....	2
<b>50 - Body - front</b> .....	<b>3</b>
<b>1 Lock carrier</b> .....	<b>3</b>
1.1 Exploded view - lock carrier .....	3
1.2 Removing and installing lock carrier .....	5
<b>2 Wing</b> .....	<b>13</b>
2.1 Exploded view - wing .....	13
2.2 Removing and installing wing .....	14
<b>3 Bulkhead</b> .....	<b>18</b>
3.1 Exploded view - plenum chamber partition panel .....	18
3.2 Exploded view - plenum chamber cover .....	18
3.3 Removing and installing plenum chamber cover .....	19
<b>55 - Bonnet, rear lid</b> .....	<b>21</b>
<b>1 Bonnet</b> .....	<b>21</b>
1.1 Exploded view - bonnet .....	21
1.2 Exploded view - Bowden cable .....	24
1.3 Adjusting bonnet .....	27
1.4 Removing and installing hinges .....	30
1.5 Removing and installing striker .....	31
1.6 Removing and installing gas strut .....	33
1.7 Releasing gas from gas strut .....	34
1.8 Removing and installing insulation .....	34
1.9 Removing and installing Bowden cable .....	35
1.10 Removing and installing bonnet lock .....	39
1.11 Removing and installing operating lever for bonnet lock .....	40
<b>2 Rear lid</b> .....	<b>42</b>
2.1 Exploded view - rear lid .....	42
2.2 Removing and installing rear lid .....	46
2.3 Adjusting rear lid .....	47
2.4 Removing and installing hinges .....	53
2.5 Removing and installing rear lid seal .....	55
2.6 Removing and installing gas strut .....	55
2.7 Removing and installing rear lid lock .....	57
2.8 Removing and installing striker .....	58
2.9 Removing and installing actuating mechanism .....	60
<b>3 Tank flap unit</b> .....	<b>63</b>
3.1 Exploded view - tank flap unit .....	63
3.2 Removing and installing tank flap unit .....	65
<b>57 - Front doors, door components, central locking</b> .....	<b>69</b>
<b>1 Door</b> .....	<b>69</b>
1.1 Exploded view - door .....	69
1.2 Exploded view - door seals .....	71
1.3 Removing and installing door .....	72
1.4 Adjusting door .....	73



1.5	Adjusting striker	78
1.6	Removing and installing door arrester	78
1.7	Removing and installing inner door seal	80
1.8	Removing and installing outer door seal	81
<b>2</b>	<b>Door components</b>	<b>85</b>
2.1	Exploded view - window regulator	85
2.2	Exploded view - door handle and door lock	86
2.3	Exploded view - window guides and window slot trim strips	88
2.4	Removing and installing window regulator	89
2.5	Removing and installing window regulator motor	91
2.6	Removing and installing door handle	92
2.7	Removing and installing mounting bracket	96
2.8	Removing and installing door lock	98
2.9	Removing and installing striker	102
2.10	Removing and installing inner door cover	103
2.11	Removing and installing window guide	104
2.12	Removing and installing inner window slot trim strip	106
2.13	Removing and installing outer window slot trim strip	106
<b>3</b>	<b>Central locking system</b>	<b>110</b>
3.1	Overview of fitting locations - central locking system	110
3.2	Removing and installing driver door control unit J386 and front passenger door control unit J387	112
3.3	Removing and installing rear left door control unit J388 and rear right door control unit J389	112
3.4	Removing and installing bonnet contact switch F266	113
3.5	Removing and installing tank filler flap locking motor V155	114
3.6	Removing and installing interface control unit for vehicle location system J843	114
<b>58</b>	<b>Rear doors, door components</b>	<b>116</b>
<b>1</b>	<b>Door</b>	<b>116</b>
1.1	Exploded view - door	116
1.2	Exploded view - door seals	118
1.3	Removing and installing door	119
1.4	Adjusting door	120
1.5	Adjusting striker	125
1.6	Removing and installing door arrester	125
1.7	Removing and installing inner door seal	127
1.8	Removing and installing outer door seal	128
<b>2</b>	<b>Door components</b>	<b>132</b>
2.1	Exploded view - window regulator	132
2.2	Exploded view - door handle and door lock	133
2.3	Exploded view - window guides and window slot trim strips	135
2.4	Removing and installing window regulator	136
2.5	Removing and installing window regulator motor	139
2.6	Removing and installing door handle	140
2.7	Removing and installing mounting bracket	144
2.8	Removing and installing door lock	146
2.9	Removing and installing striker	150
2.10	Removing and installing inner door cover	150
2.11	Removing and installing window guide	152
2.12	Removing and installing inner window slot trim strip	154
2.13	Removing and installing outer window slot trim strip	155
<b>60</b>	<b>Sunroof</b>	<b>158</b>
<b>1</b>	<b>Sliding sunroof</b>	<b>158</b>
1.1	Exploded view - sliding sunroof	158

1.2	Exploded view - sunroof roller blind	159
1.3	Removing and installing sunroof frame	159
1.4	Removing and installing glass panel	162
1.5	Adjusting glass panel	163
1.6	Removing and installing sliding sunroof adjustment control unit J245	164
1.7	Removing and installing sunroof seals	164
1.8	Removing and installing sunroof roller blind	166
1.9	Removing and installing wind deflector	170
<b>2</b>	<b>Water drain hoses</b>	<b>173</b>
2.1	Overview - water drain hoses	173
2.2	Cleaning water drain hoses	173
2.3	Removing and installing water drain hoses	174
<b>63</b>	<b>- Bumpers</b>	<b>177</b>
<b>1</b>	<b>Bumper (front)</b>	<b>177</b>
1.1	Exploded view - bumper cover	177
1.2	Exploded view - impact bar	184
1.3	Removing and installing bumper cover	185
1.4	Removing and installing impact bar	188
1.5	Removing and installing attachments	189
<b>2</b>	<b>Bumper (rear)</b>	<b>214</b>
2.1	Exploded view - bumper cover	214
2.2	Exploded view - impact bar	219
2.3	Removing and installing bumper cover	221
2.4	Removing and installing impact bar	224
2.5	Removing and installing attachments	226
<b>64</b>	<b>- Glazing</b>	<b>231</b>
<b>1</b>	<b>Repair instructions</b>	<b>231</b>
1.1	Repairing windows	231
1.2	Minimum drying times for bonded windows	231
1.3	Notes on installing flush-bonded windows	232
1.4	Preparing undamaged windows for installation	235
1.5	Preparing new windows for installation	235
1.6	Preparing body flange for installation	238
1.7	Cleaning off adhesive sealant	238
1.8	Re-sealing windows	238
<b>2</b>	<b>Windscreen</b>	<b>240</b>
2.1	Exploded view - windscreen	240
2.2	Removing and installing windscreen	242
<b>3</b>	<b>Rear window</b>	<b>248</b>
3.1	Exploded view - rear window	248
3.2	Removing and installing rear window	249
<b>4</b>	<b>Side windows</b>	<b>254</b>
4.1	Exploded view - rear side window	254
4.2	Removing and installing rear side window	255
<b>5</b>	<b>Door windows</b>	<b>257</b>
5.1	Exploded view - front door window	257
5.2	Exploded view - rear door window	257
5.3	Removing and installing front door window	258
5.4	Removing and installing rear door window	260
<b>66</b>	<b>- Exterior equipment</b>	<b>264</b>
<b>1</b>	<b>Radiator grille/front trim panel</b>	<b>264</b>
1.1	Exploded view - radiator grille	264

1.2	Removing and installing radiator grille	268
<b>2</b>	<b>Spoilers</b>	<b>277</b>
2.1	Exploded view - spoilers	277
2.2	Removing and installing spoiler	277
<b>3</b>	<b>Strips / trim panels / extensions</b>	<b>286</b>
3.1	Exploded view - trim strip and covers	286
3.2	Exploded view - sill panel trim	287
3.3	Exploded view - trim panel for B-pillar	288
3.4	Exploded view - trim panel for C-pillar	289
3.5	Exploded view - wheel arch covers	290
3.6	Exploded view - heat shield	291
3.7	Removing and installing trim strip	293
3.8	Removing and installing sill panel trim	294
3.9	Removing and installing side member trim	296
3.10	Removing and installing water deflector strip	296
3.11	Removing and installing trim panel for B-pillar on door	297
3.12	Removing and installing trim panel for C-pillar on door	299
3.13	Removing and installing wheel arch covers	300
3.14	Removing and installing trim cover for door	305
3.15	Removing and installing heat shield for floor	307
<b>4</b>	<b>Noise insulation</b>	<b>314</b>
4.1	Exploded view - noise insulation	314
4.2	Removing and installing noise insulation	314
<b>5</b>	<b>Underbody trim</b>	<b>316</b>
5.1	Overview of fitting locations - trim panels	316
5.2	Removing and installing underbody trim	317
5.3	Removing and installing tunnel cross-piece	318
<b>6</b>	<b>Roof strips / roof rails</b>	<b>320</b>
6.1	Exploded view - roof rail	320
6.2	Exploded view - roof trim strip	321
6.3	Removing and installing roof rail	322
6.4	Removing and installing roof trim strip	324
<b>7</b>	<b>Exterior mirrors</b>	<b>327</b>
7.1	Exploded view - exterior mirror	327
7.2	Removing and installing exterior mirror	328
7.3	Removing and installing mirror glass	329
7.4	Removing and installing mirror adjustment unit	331
7.5	Removing and installing mirror trim	332
<b>8</b>	<b>Wheel housing liners</b>	<b>334</b>
8.1	Exploded view - wheel housing liner (front)	334
8.2	Exploded view - wheel housing liner (rear)	334
8.3	Removing and installing wheel housing liner (front)	335
8.4	Removing and installing wheel housing liner (rear)	337
<b>9</b>	<b>Model badges and brand emblems</b>	<b>339</b>
9.1	Exploded view - model badges and brand emblems	339
9.2	Removing and installing front emblem	340
9.3	Removing and installing emblems	341
9.4	Model badges and brand emblems (bonded on)	343
<b>10</b>	<b>Towing bracket</b>	<b>347</b>
10.1	Exploded view - towing bracket	347
10.2	Removing and installing cable mounting bracket	349
10.3	Removing and installing retainer for cable mounting bracket	351
10.4	Removing and installing towing bracket	351
10.5	Renewing cable and microswitch for towing bracket	352

10.6 Removing and installing trailer detector control unit J345 ..... 356