



## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety information</b>	<b>1</b>
1.1 Safety measures when working on vehicles with start/stop system	1
1.2 Safety precautions when using testers and measuring instruments during a road test	1
1.3 Safety precautions when working on cooling system	1
<b>2 Repair notes</b>	<b>2</b>
2.1 Routing and attachment of lines	2
2.2 Contact corrosion	2
2.3 Bonding surfaces for self-adhesive components	2
2.4 Secured threaded connections	2
<b>50 - Body - front</b>	<b>3</b>
<b>1 Lock carrier</b>	<b>3</b>
1.1 Assembly overview – lock carrier	3
1.2 Removing and installing lock carrier	4
1.3 Moving to and back from service position	6
<b>2 Wings</b>	<b>11</b>
2.1 Assembly overview - wing	11
2.2 Removing and installing wing	11
<b>3 Plenum chamber bulkhead</b>	<b>17</b>
3.1 Assembly overview - plenum chamber bulkhead	17
3.2 Assembly overview - plenum chamber cover	17
3.3 Removing and installing bulkhead	18
3.4 Removing and installing plenum chamber cover	20
<b>55 - Bonnet, rear lid</b>	<b>27</b>
<b>1 Bonnet</b>	<b>27</b>
1.1 Assembly overview - bonnet	27
1.2 Assembly overview - Bowden cable	28
1.3 Removing and installing bonnet	29
1.4 Adjusting bonnet	31
1.5 Removing and installing rear lid lock	38
1.6 Removing and installing bonnet release lever	45
1.7 Removing and installing striker pin	48
1.8 Removing and installing hinges	50
1.9 Removing and installing insulation	52
1.10 Removing and installing support rod	54
1.11 Removing and installing Bowden cable	56
<b>2 Tailgate</b>	<b>64</b>
2.1 Assembly overview - rear lid	64
2.2 Removing and installing rear lid	67
2.3 Adjusting rear lid	70
2.4 Removing and installing rear lid lock	77
2.5 Removing and installing operating mechanism	89
2.6 Removing and installing hinges	94
2.7 Removing and installing striker pin	96
2.8 Removing and installing rear lid seal	98
2.9 Removing and installing gas strut	99
2.10 Releasing gas from gas strut	101
2.11 Removing and installing drive unit for rear lid VX69	104
2.12 Removing and installing rear lid control unit J605	106
<b>3 Tank flap unit</b>	<b>108</b>



3.1	Assembly overview - tank flap unit	108
3.2	Removing and installing tank flap unit	108
3.3	Removing and installing fuel tank flap	112
<b>57</b>	<b>- Front doors, door components, central locking</b>	<b>114</b>
<b>1</b>	<b>Door</b>	<b>114</b>
1.1	Assembly overview - door	114
1.2	Removing and installing inner door seal	117
1.3	Removing and installing outer door seal	119
1.4	Removing and installing door	120
1.5	Adjusting door	123
1.6	Adjusting striker pin	126
1.7	Removing and installing door arrester	128
<b>2</b>	<b>Door components</b>	<b>131</b>
2.1	Assembly overview - door components	131
2.2	Assembly overview - window regulator	133
2.3	Assembly overview - door handle and door lock	133
2.4	Removing and installing window regulator motor	135
2.5	Removing and installing window regulator	137
2.6	Removing and installing inner door cover	140
2.7	Removing and installing striker pin	143
2.8	Removing and installing cap on door handle	145
2.9	Removing and installing lock cylinder	151
2.10	Removing and installing door handle	154
2.11	Removing and installing mounting bracket	158
2.12	Removing and installing door lock	160
2.13	Removing and installing window channel	165
2.14	Removing and installing window slot outer seal	168
2.15	Removing and installing window slot inner seal	170
<b>3</b>	<b>Central locking</b>	<b>171</b>
3.1	Overview of fitting locations - central locking	171
3.2	Removing and installing driver door control unit J386 and front passenger door control unit J387	173
3.3	Removing and installing tank filler flap locking motor V155	174
3.4	Removing and installing ignition key battery	175
3.5	Removing and installing cap on ignition key	177
<b>58</b>	<b>- Rear doors, door components</b>	<b>179</b>
<b>1</b>	<b>Door</b>	<b>179</b>
1.1	Assembly overview - door	179
1.2	Removing and installing door	182
1.3	Adjusting door	184
1.4	Adjusting striker pin	187
1.5	Removing and installing door arrester	189
1.6	Removing and installing inner door seal	191
1.7	Removing and installing outer door seal	194
<b>2</b>	<b>Door components</b>	<b>196</b>
2.1	Assembly overview - door components	196
2.2	Assembly overview - window regulator	197
2.3	Assembly overview - door handle and door lock	198
2.4	Removing and installing window regulator motor	199
2.5	Removing and installing window regulator	202
2.6	Removing and installing inner door cover	204
2.7	Removing and installing striker pin	206
2.8	Removing and installing cap on door handle	208
2.9	Removing and installing door handle	212



2.10	Removing and installing mounting bracket	214
2.11	Removing and installing door lock	217
2.12	Removing and installing window channel	221
2.13	Removing and installing window slot outer seal	224
2.14	Removing and installing window slot inner seal	226
<b>60</b>	<b>- Sunroof</b>	<b>227</b>
<b>1</b>	<b>Sliding sunroof</b>	<b>227</b>
1.1	Assembly overview - sliding sunroof	227
1.2	Assembly overview - sliding sunroof seals	229
1.3	Removing and installing sunroof panel	229
1.4	Removing and installing rear sunroof panel	233
1.5	Adjusting sunroof panel	238
1.6	Removing and installing sliding sunroof seals	242
1.7	Removing and installing wind deflector	247
1.8	Removing and installing sunroof motor V1	250
1.9	Removing and installing sunroof roller blind motor V260	252
1.10	Removing and installing sunroof roller blind control unit J394	254
1.11	Removing and installing sliding sunroof adjustment control unit J245	255
1.12	Removing and installing sunroof roller blind	256
1.13	Removing and installing sliding sunroof frame	261
1.14	Operating without current	265
<b>2</b>	<b>Water drain hoses</b>	<b>267</b>
2.1	Assembly overview - water drain hoses	267
2.2	Removing and installing water drain hoses	267
2.3	Cleaning water drain hoses	268
<b>63</b>	<b>- Bumpers</b>	<b>271</b>
<b>1</b>	<b>Bumper, front</b>	<b>271</b>
1.1	Assembly overview - bumper cover	271
1.2	Assembly overview - impact bar	277
1.3	Removing and installing bumper cover	279
1.4	Removing and installing add-on parts	282
1.5	Repairing bumper cover	292
<b>2</b>	<b>Bumper, rear</b>	<b>301</b>
2.1	Assembly overview - bumper cover	301
2.2	Assembly overview - impact bar	305
2.3	Removing and installing bumper cover	306
2.4	Removing and installing impact bar	309
2.5	Removing and installing add-on parts	311
2.6	Repairing bumper cover	316
<b>64</b>	<b>- Glazing</b>	<b>325</b>
<b>1</b>	<b>Repair notes</b>	<b>325</b>
1.1	Minimum curing periods for bonded windows	325
1.2	Window repair	325
1.3	Installation instructions for bonded windows	326
1.4	Preparing old undamaged windows for fitting	327
1.5	Preparing new windows for installing	328
1.6	Preparing body flange for fitting	330
1.7	Cleaning off excess adhesive	331
<b>2</b>	<b>Windscreen</b>	<b>332</b>
2.1	Assembly overview - windscreen	332
2.2	Removing and installing windscreen	333
<b>3</b>	<b>Rear windscreen</b>	<b>341</b>



3.1	Assembly overview - rear window	341
3.2	Removing and installing rear window	342
<b>4</b>	<b>Door windows</b>	<b>346</b>
4.1	Assembly overview - front door window	346
4.2	Assembly overview - rear door window	346
4.3	Removing and installing front door window	347
4.4	Removing and installing rear door window	351
4.5	Removing and installing fixed rear door window	355
<b>66</b>	<b>- Exterior equipment</b>	<b>358</b>
<b>1</b>	<b>Radiator grille and front trim</b>	<b>358</b>
1.1	Assembly overview – radiator grille	358
1.2	Removing and installing radiator grille	358
<b>2</b>	<b>Spoiler</b>	<b>361</b>
2.1	Assembly overview - spoiler	361
2.2	Removing and installing spoiler	361
<b>3</b>	<b>Mouldings, trims, extensions</b>	<b>364</b>
3.1	Assembly overview - trim strips	364
3.2	Assembly overview - wheel arch covers	365
3.3	Assembly overview – wheel arch covers, R model	365
3.4	Assembly overview - side member trim	366
3.5	Removing and installing cover	367
3.6	Removing and installing rear trim cover for door, R model	376
3.7	Removing and installing B-pillar trim on door	378
3.8	Removing and installing trim strip	381
3.9	Removing and installing entry moulding	388
3.10	Removing and installing wheel arch covers	390
3.11	Removing and installing side member trim	399
<b>4</b>	<b>Noise insulation</b>	<b>402</b>
4.1	Assembly overview - noise insulation	402
<b>5</b>	<b>Underbody cladding</b>	<b>406</b>
5.1	Overview of fitting locations - underbody cladding	406
5.2	Assembly overview - bracing on underbody	407
5.3	Removing and installing underbody cladding	407
5.4	Removing and installing tunnel cross-piece	414
<b>6</b>	<b>Roof moulding and roof railing</b>	<b>416</b>
6.1	Assembly overview - roof railing	416
6.2	Removing and installing roof railing	416
<b>7</b>	<b>Trim film and protective film</b>	<b>418</b>
7.1	Renewing decorative film	418
<b>8</b>	<b>Exterior mirror</b>	<b>422</b>
8.1	Assembly overview - exterior mirror	422
8.2	Removing and installing exterior mirror	423
8.3	Removing and installing mirror glass	426
8.4	Removing and installing mirror adjustment unit	428
8.5	Removing and installing mirror cover	430
8.6	Removing and installing mirror trim	432
8.7	Removing and installing turn signal	433
8.8	Removing and installing entry light in exterior mirror	435
<b>9</b>	<b>Wheel housing liner</b>	<b>437</b>
9.1	Assembly overview - front wheel housing liner	437
9.2	Assembly overview – front wheel housing liner, R model	438
9.3	Assembly overview - rear wheel housing liner	438
9.4	Removing and installing front wheel housing liner	439



9.5	Removing and installing front wheel housing liner, R model	441
9.6	Removing and installing rear wheel housing liner	443
<b>10</b>	<b>Lettering and emblems</b>	<b>445</b>
10.1	Assembly notes – bonded lettering	445
10.2	Dimensions - lettering and emblems on rear	446
10.3	Dimensions - lettering and emblems on sides	448
10.4	Removing and installing badges at front	449
10.5	Renewing lettering and badges at rear	452
<b>11</b>	<b>Towing bracket</b>	<b>454</b>
11.1	Assembly overview - towing bracket	454
11.2	Removing and installing towing bracket	454
<b>12</b>	<b>Heat shields</b>	<b>457</b>
12.1	Overview of fitting locations - heat shields	457
12.2	Removing and installing underbody heat shield	458