



## Contents

<b>50 - Body - front</b> .....	<b>1</b>
<b>1 Lock carrier</b> .....	<b>1</b>
1.1 Tools .....	1
1.2 Assembly overview - lock carrier > 03.05 .....	1
1.3 Lock carrier - service position > 03.05 .....	3
1.4 Removal and installation of lock carrier > 03.05 .....	4
1.5 Assembly overview - lock carrier 04.05 > .....	6
1.6 Lock carrier - service position 04.05 > .....	7
1.7 Removal and installation of lock carrier 04.05 > .....	8
<b>2 Wing</b> .....	<b>11</b>
2.1 Assembly overview - front wing .....	11
2.2 Removal and installation of wing .....	12
2.3 Removal and installation of closing piece .....	14
2.4 Wing dimensions - Vehicles > 02.05 .....	14
2.5 Wing dimensions - Vehicles 03.05 > .....	16
<b>3 Noise insulation</b> .....	<b>17</b>
3.1 Assembly overview - noise insulation (petrol engine) .....	17
3.2 Assembly overview - noise insulation (diesel engine) .....	18
<b>4 Cross panel</b> .....	<b>19</b>
4.1 Tools .....	19
4.2 Materials .....	19
4.3 Assembly overview - cross panel .....	20
<b>55 - Bonnet, rear lid</b> .....	<b>21</b>
<b>1 Bonnet</b> .....	<b>21</b>
1.1 Tools .....	21
1.2 Assembly overview - bonnet .....	21
1.3 Removal and installation of bonnet .....	23
1.4 Adjusting bonnet .....	25
1.5 Removing gas-filled strut .....	25
1.6 Removal and installation of Bowden cable .....	26
1.7 Removal and installation of release lever .....	29
1.8 Assembly overview - bonnet lock .....	31
1.9 Removal and installation of lid lock .....	31
<b>2 Rear lid</b> .....	<b>33</b>
2.1 Tools .....	33
2.2 Assembly overview .....	33
2.3 Removing gas-filled strut .....	35
2.4 Releasing gas from gas-filled strut .....	35
2.5 Adjusting rear lid .....	35
2.6 Removal and installation of lid lock .....	37
<b>3 Tank flap unit</b> .....	<b>40</b>
3.1 Removal and installation of tank flap unit .....	40
<b>57 - Front doors, door components, central locking</b> .....	<b>42</b>
<b>1 Front door</b> .....	<b>42</b>
1.1 Tools .....	42
1.2 Assembly overview .....	42
1.3 Removal and installation of door .....	45
1.4 Adjusting door .....	45
1.5 Assembly overview - door handle and door lock .....	46
1.6 Removal and installation of lock cylinder housing .....	48



1.7	Removal and installation of door handle	49
1.8	Removal and installation of door lock	50
1.9	Removal and installation of locking knob for locking rod	54
1.10	Door seals	55
<b>2</b>	<b>Central locking</b>	<b>60</b>
2.1	Location overview - central locking components	60
2.2	Removal of control unit for convenience system	63
2.3	Adapting keys with remote control	63
2.4	Removal and installation of battery for folding key with remote control	63
<b>58</b>	<b>Rear doors, door components</b>	<b>66</b>
<b>1</b>	<b>Rear door</b>	<b>66</b>
1.1	Tools	66
1.2	Assembly overview	67
1.3	Removal and installation of door	68
1.4	Adjusting door	69
1.5	Assembly overview - door handle and door lock	69
1.6	Removal and installation of door handle	71
1.7	Removal and installation of door lock	73
1.8	Door seals	78
<b>60</b>	<b>Sunroof</b>	<b>83</b>
<b>1</b>	<b>Sliding/tilting sunroof</b>	<b>83</b>
1.1	Function	83
1.2	Assembly overview - sliding/tilting sunroof with glass panel	83
1.3	Removal of sliding/tilting sunroof glass panel	86
1.4	Installation of glass panel for sliding/tilting sunroof	87
1.5	Adjusting sliding/tilting sunroof glass panel (height adjustment)	87
1.6	Adjusting panel seal	89
1.7	Renewing panel seal	90
1.8	Removing wind deflector	91
1.9	Removal and installation of sun blind	91
1.10	Removing pre-selector switch for sliding/tilting sunroof (E 139)	91
1.11	Removal of drive for sliding/tilting sunroof	92
1.12	Adjusting drive for sliding/tilting sunroof (zero position)	92
1.13	Checking parallel running	92
1.14	Adjusting parallel running	93
1.15	Removing guide plate	93
1.16	Removal and installation of assembly unit	94
1.17	Removal of guide with cable	96
1.18	Cleaning water drain hoses	97
<b>63</b>	<b>Bumpers</b>	<b>99</b>
<b>1</b>	<b>Front bumper</b>	<b>99</b>
1.1	Tools	99
1.2	Repairing front bumper cover	99
<b>2</b>	<b>Front bumper &gt; 03.05</b>	<b>100</b>
2.1	Assembly overview - bumper cover > 03.05	100
2.2	Removal and installation of bumper cover > 03.05	101
2.3	Assembly overview - bumper carrier > 03.05	102
<b>3</b>	<b>Front bumper 04.05 &gt;</b>	<b>103</b>
3.1	Assembly overview - front bumper 04.05 >	103
3.2	Removal and installation of front bumper cover 04.05 >	104
3.3	Front bumper attachments 04.05 >	106
3.4	Assembly overview - front bumper carrier 04.05 >	107



<b>4</b>	<b>Front bumper, Polo Fun</b>	<b>108</b>
4.1	Assembly overview - bumper cover, Polo Fun	108
4.2	Removal and installation of front bumper cover, Polo Fun	109
4.3	Assembly overview - bumper carrier, Polo Fun	110
<b>5</b>	<b>Front bumper, Cross Polo</b>	<b>111</b>
5.1	Assembly overview - bumper cover, Cross Polo	111
5.2	Removal and installation of bumper cover, Cross Polo	112
5.3	Assembly overview - bumper carrier, Cross Polo	113
<b>6</b>	<b>Rear bumper</b>	<b>114</b>
6.1	Tools	114
6.2	Repairing rear bumper cover	114
<b>7</b>	<b>Rear bumper</b>	<b>115</b>
7.1	Assembly overview - rear bumper cover	115
7.2	Removal and installation of rear bumper cover	116
7.3	Assembly overview - bumper carrier	117
<b>8</b>	<b>Rear bumper, Polo Fun</b>	<b>118</b>
8.1	Assembly overview - bumper cover, Polo Fun	118
8.2	Removal and installation of bumper cover, Polo Fun	119
8.3	Assembly overview - bumper carrier, Polo Fun	120
<b>9</b>	<b>Rear bumper, Cross Polo</b>	<b>121</b>
9.1	Assembly overview - bumper cover, Cross Polo	121
9.2	Removal and installation of bumper cover, Cross Polo	121
9.3	Assembly overview - bumper carrier, Cross Polo	123
<b>10</b>	<b>Towing bracket</b>	<b>124</b>
10.1	Assembly overview - towing bracket	124
<b>64</b>	<b>- Glazing</b>	<b>125</b>
<b>1</b>	<b>Flush bonded windows</b>	<b>125</b>
1.1	Tools	125
1.2	Materials	126
1.3	Repairing windscreen	127
1.4	Assembly overview - windscreen	127
1.5	Removal and installation of plenum chamber cover	128
1.6	Removing windscreen	130
1.7	Installing windscreen	131
1.8	Preparing windscreen with viewing hole for chassis number for vehicles without chassis number	131
1.9	Assembly overview - side window (2-door)	132
1.10	Removal of undamaged side window (2-door)	132
1.11	Removal of damaged side window (2-door)	133
1.12	Installation of side window (2-door)	133
1.13	Assembly overview - side window (4-door)	134
1.14	Removal of undamaged side window (4-door)	134
1.15	Removal of damaged side window (4-door)	135
1.16	Installation of side window (4-door)	135
1.17	Assembly overview - rear window	136
1.18	Removal of undamaged rear window	136
1.19	Removal of broken rear window	138
1.20	Installation of rear window	138
1.21	Preparing old undamaged window for glazing	138
1.22	Preparing new window with precoating for glazing	139
1.23	Preparing new window without precoating for glazing	139
1.24	Preparing body flange for glazing	144
1.25	Installation instructions	145
1.26	Minimum curing period	145



1.27	Touching up paint damage	146
1.28	Cleaning off excess adhesive sealing material	146
<b>2</b>	<b>Screw-fastened windows</b>	<b>147</b>
2.1	Removal and installation of vent wing	147
2.2	Window seal	148
2.3	Adjusting vent wing	148
<b>3</b>	<b>Door windows</b>	<b>150</b>
3.1	Tools	150
3.2	Assembly overview - front door window	151
3.3	Removing front door window	152
3.4	Adjusting front door window	153
3.5	Removal and installation of front and rear assembly carriers	153
3.6	Assembly overview - rear door window	156
3.7	Removing rear door window	159
3.8	Fitting rear door window to window lifter	160
3.9	Removal and installation of assembly carrier	160
3.10	Electric window regulator with convenience function (automatic opening and closing) and force limitation mechanism	164
3.11	Overcoming resistance with excess force limitation	166
3.12	Removal and installation of window lifter motor in assembly carrier	166
<b>66</b>	<b>Exterior equipment</b>	<b>169</b>
<b>1</b>	<b>Removal and installation of wheel housing liner</b>	<b>169</b>
1.1	Front wheel housing liner	169
1.2	Rear wheel housing liner	170
<b>2</b>	<b>Exterior mirror</b>	<b>171</b>
2.1	Tools	171
2.2	Assembly overview - exterior mirror (with electric actuation) > 02.05	171
2.3	Assembly overview - exterior mirror (with manual actuation) > 02.05	173
2.4	Removing mirror housing > 02.05	173
2.5	Assembly overview - exterior mirror 03.05 >	174
2.6	Removal and installation of mirror glass 03.05 >	175
2.7	Removal and installation of mirror housing 03.05 >	176
2.8	Removal and installation of cover with side turn signal repeaters 03.05 >	177
2.9	Removal and installation of exterior mirror 03.05 >	177
<b>3</b>	<b>Mouldings and trims</b>	<b>179</b>
3.1	Assembly overview - radiator grille > 03.50	179
3.2	Removal and installation of radiator grille > 03.05	180
3.3	Assembly overview - radiator grille 04.05 >	181
3.4	Removal and installation of radiator grille 04.05 >	182
3.5	Renewal of side protective mouldings	184
3.6	Assembly overview - sill extension, Polo GTI	185
3.7	Assembly overview - lettering > 03.05	190
3.8	Assembly overview - lettering 04.05 >	191
3.9	Side lettering, Cross Polo	192
<b>4</b>	<b>Roof edge spoiler</b>	<b>193</b>
4.1	Tools	193
4.2	Materials	193
4.3	Roof edge spoiler	194
4.4	Preparing body kit component for bonding	197
4.5	Installation instructions	197
4.6	Minimum curing period	198
4.7	Touching up paint damage	198
4.8	Cleaning off excess adhesive sealing material	198
<b>5</b>	<b>Special body kit, Polo Fun</b>	<b>199</b>



5.1	Safety requirements	199
5.2	Tools	199
5.3	Materials	199
5.4	Assembly overview	199
5.5	Roof railing	201
5.6	Sill extension and wheel arch trim	203
5.7	Protective side mouldings	205
5.8	Preparing body kit component for bonding	207
5.9	Preparing body kit component for bonding	207
5.10	Installation instructions	207
5.11	Minimum curing period	208
5.12	Touching up paint damage	208
5.13	Cleaning off excess adhesive sealing material	208
<b>6</b>	<b>Special body kit, Cross Polo</b>	<b>209</b>
6.1	Safety requirements	209
6.2	Tools	209
6.3	Materials	209
6.4	Assembly overview	209
6.5	Roof railing	211
6.6	Sill extension and wheel arch trim	214
6.7	Protective side mouldings	223
6.8	Preparing body kit component for bonding	225
6.9	Preparing body kit component for bonding	226
6.10	Installation instructions	226
6.11	Minimum curing period	226
6.12	Touching up paint damage	227
6.13	Cleaning off excess adhesive sealing material	227