

## Contents

<b>00 - Technical data</b>	<b>1</b>
<b>1 Safety information</b>	<b>1</b>
<b>2 Repair instructions</b>	<b>2</b>
2.1 General notes	2
2.2 Contact corrosion	2
2.3 Gaskets, seals	3
2.4 Nuts, bolts	3
2.5 Electrical components	3
2.6 Routing and attachment of pipes, hoses and wiring	3
2.7 Bonding surfaces for self-adhesive components	3
2.8 Secure threaded connections	4
2.9 Removing and installing diagonal struts	4
2.10 Use of impact wrenches	4
<b>50 - Body - front</b>	<b>6</b>
<b>57 - Front doors, door components, central locking</b>	<b>7</b>
<b>1 Door</b>	<b>7</b>
1.1 Assembly overview - door	7
1.2 Assembly overview - door seals	9
1.3 Removing and installing inner door seal	10
1.4 Removing and installing outer door seal	11
1.5 Removing and installing joint seal	14
1.6 Removing and installing door	14
1.7 Adjusting door	16
1.8 Removing and installing jettison bolts	20
1.9 Removing and installing jettison bolt igniter	20
1.10 Removing and installing door hinge	20
1.11 Removing and installing gas strut for door	21
<b>2 Door components</b>	<b>23</b>
2.1 Assembly overview - door components	23
2.2 Assembly overview - door subframe	25
2.3 Assembly overview - window regulator	27
2.4 Assembly overview - door handle and door lock	29
2.5 Assembly overview - window guides and window slot seals	31
2.6 Removing and installing window regulator motor	33
2.7 Removing and installing window regulator	33
2.8 Removing and installing door window limit switches (top/bottom)	35
2.9 Removing and installing gas strut for window regulator	38
2.10 Front window regulator emergency operation	40
2.11 Removing and installing power latching motor	42
2.12 Removing and installing striker	43
2.13 Removing and installing door handle	43
2.14 Removing and installing trim for exterior door handle	44
2.15 Renewing trim strip for exterior door handle	45
2.16 Removing and installing contact sensor for front exterior door handle G605 / G606	45
2.17 Removing and installing mounting bracket	46
2.18 Removing and installing door lock	47
2.19 Removing and installing operating cable for exterior door handle	47
2.20 Removing and installing operating cable for interior door handle	48
2.21 Removing and installing operating cable for power latching system	48
2.22 Removing and installing door subframe	49
2.23 Removing and installing cover plate (front)	50



2.24	Removing and installing outer door panel	50
2.25	Adjusting window regulator	51
2.26	Removing and installing window guide	53
2.27	Removing and installing inner window slot seal	55
2.28	Removing and installing outer window slot seal	55
2.29	Removing and installing lock cylinder	56
2.30	Removing and installing cap on lock cylinder/housing	57
<b>3</b>	<b>Repairing central locking system</b>	<b>58</b>
<b>58 - Rear doors, door components</b>		<b>61</b>
<b>1</b>	<b>Door</b>	<b>61</b>
1.1	Assembly overview - door	61
1.2	Assembly overview - door seals	63
1.3	Removing and installing inner door seal	64
1.4	Removing and installing outer door seal	65
1.5	Removing and installing joint seal	68
1.6	Removing and installing door	68
1.7	Adjusting door	70
1.8	Removing and installing jettison bolts	73
1.9	Removing and installing jettison bolt igniter	73
1.10	Removing and installing door hinge	73
1.11	Removing and installing gas strut for door	74
<b>2</b>	<b>Door components</b>	<b>75</b>
2.1	Assembly overview - door components	75
2.2	Assembly overview - door subframe	77
2.3	Assembly overview - window regulator	79
2.4	Assembly overview - door handle and door lock	81
2.5	Assembly overview - window guides and window slot seals	83
2.6	Removing and installing window regulator motor	85
2.7	Removing and installing window regulator	85
2.8	Removing and installing door window limit switches (top/bottom)	87
2.9	Removing and installing gas strut for window regulator	87
2.10	Rear window regulator emergency operation	89
2.11	Removing and installing power latching motor	91
2.12	Removing and installing striker	92
2.13	Removing and installing door handle	92
2.14	Removing and installing trim for exterior door handle	93
2.15	Renewing trim strip for exterior door handle	93
2.16	Removing and installing contact sensor for rear exterior door handle G417 / G418	93
2.17	Removing and installing mounting bracket	93
2.18	Removing and installing door lock	94
2.19	Removing and installing operating cable for exterior door handle	95
2.20	Removing and installing operating cable for interior door handle	95
2.21	Removing and installing operating cable for power latching system	96
2.22	Removing and installing door subframe	96
2.23	Removing and installing cover plate (front)	98
2.24	Removing and installing outer door panel	99
2.25	Adjusting window regulator	100
2.26	Removing and installing window guide	102
2.27	Removing and installing inner window slot seal	105
2.28	Removing and installing outer window slot seal	105
2.29	Removing and installing housing	106
2.30	Removing and installing cap on housing	106
<b>64 - Glazing</b>		<b>108</b>
<b>1</b>	<b>Repair instructions</b>	<b>108</b>

1.1	Minimum drying times for bonded windows	108
1.2	Repairing windscreen	108
1.3	Preparing body	109
1.4	Preparing windows	109
1.5	Re-sealing windows	110
<b>2</b>	<b>Flush-bonded windows</b>	<b>111</b>
2.1	Removing and installing flush-bonded windows	111
2.2	Materials	114
<b>3</b>	<b>Windscreen</b>	<b>116</b>
3.1	Assembly overview - windscreen	116
3.2	Removing windscreen	119
3.3	Installing windscreen	123
3.4	Renewing sealing strip	131
3.5	Removing and installing rain and light sensor G397	133
<b>4</b>	<b>Rear window</b>	<b>138</b>
4.1	Assembly overview - rear window	138
4.2	Removing rear window	139
4.3	Installing rear window	142
<b>5</b>	<b>Door windows</b>	<b>150</b>
5.1	Removing and installing front door window	150
5.2	Removing and installing rear door window	150
<b>70</b>	<b>Trim, insulation</b>	<b>152</b>
<b>1</b>	<b>Front door trim</b>	<b>152</b>
1.1	Assembly overview - front door trim	152
1.2	Removing and installing mid-range loudspeaker trim	152
1.3	Removing and installing trim panel	153
1.4	Removing and installing front door trim	154
1.5	Removing and installing window frame trim	157
<b>2</b>	<b>Rear door trim</b>	<b>158</b>
2.1	Assembly overview - rear door trim	158
2.2	Assembly overview - sun blind for door window	158
2.3	Removing and installing mid-range loudspeaker trim	159
2.4	Removing and installing trim panel	160
2.5	Removing and installing rear door trim	160
2.6	Removing and installing window frame trim	163
2.7	Removing and installing sun blind for door window	163
<b>3</b>	<b>Passenger compartment trim panels</b>	<b>167</b>
3.1	Overview of fitting locations - passenger compartment trim panels	167
3.2	Assembly overview - sill panel moulding	168
3.3	Assembly overview - A-pillar trim	169
3.4	Assembly overview - B-pillar trim	170
3.5	Assembly overview - C-pillar trim	171
3.6	Assembly overview - D-pillar trim	172
3.7	Assembly overview - rear shelf	173
3.8	Removing and installing sill panel moulding	175
3.9	Removing and installing A-pillar trim	176
3.10	Removing and installing B-pillar trim	179
3.11	Removing and installing C-pillar trim	182
3.12	Removing and installing D-pillar trim	182
3.13	Removing and installing rear shelf	183
3.14	Removing and installing sun blind	184
<b>4</b>	<b>Luggage compartment trim panels</b>	<b>185</b>
4.1	Overview of fitting locations - luggage compartment trim panels	185
4.2	Assembly overview - luggage compartment side trim	186



4.3	Assembly overview - back panel trim/luggage compartment trim (top) .....	187
4.4	Removing and installing luggage compartment side trim .....	188
4.5	Removing and installing luggage compartment trim (top) .....	190
4.6	Removing and installing fastening ring .....	191
4.7	Removing and installing fastening ring bracket .....	191
<b>5</b>	<b>Roof trim panels</b> .....	<b>192</b>
5.1	Assembly overview - moulded headliner .....	192
5.2	Removing and installing moulded headliner .....	194