

Contents

00 - Technical data	1
1 Notes on repairs	1
1.1 Routing and attaching pipes/hoses and wiring	1
1.2 Contact corrosion	1
1.3 Bonding surfaces for adhesive strips	1
1.4 Self-locking bolts	2
50 - Body - front	3
1 Body - front	3
1.1 Tools	3
1.2 Exploded view - lock carrier with attachments	3
1.3 Removing and installing plenum chamber cover	7
2 Wing	9
2.1 Removing and installing wing	9
2.2 Exploded view - wing (RS 3)	11
2.3 Removing and installing trim cover (left-side)	13
2.4 Removing and installing closure plate	13
2.5 Removing and installing wing	14
2.6 Removing and installing wing bracket (bottom)	15
3 Noise insulation	16
3.1 Removing and installing noise insulation	16
55 - Bonnet, rear lid	17
1 Bonnet	17
1.1 Removing and installing bonnet	17
1.2 Removing and installing cable for bonnet lock	22
1.3 Lining for bonnet	23
1.4 Bonnet seal	24
1.5 Removing and installing plenum chamber cover	25
2 Rear lid	26
2.1 Removing and installing rear lid	26
2.2 Removing and installing rear lid hinge	27
2.3 Removing and installing gas strut for rear lid	28
2.4 Adjusting rear lid	29
2.5 Removing and installing rear lid seal	31
2.6 Adjustment dimensions for rear lid	32
2.7 Removing and installing rear lid lock	32
2.8 Removing and installing handle trim for rear lid	34
3 Tank flap	36
3.1 Removing and installing tank flap	36
3.2 Tank flap unit	37
57 - Front doors, door components, central locking	39
1 Front door	39
1.1 Removing and installing window frame and window regulator	39
1.2 Removing and installing window regulator and door window	43
1.3 Removing and installing window guide	44
1.4 Removing and installing window regulator motor	45
1.5 Adjusting door (vehicles with 3 doors)	45
1.6 Making adjustments using template T40038/3	48
1.7 Adjusting front door (vehicles with 5 doors)	50
1.8 Making adjustments using template T40038/5	53



1.9	Renewing inner window slot trim strips	55
1.10	Renewing outer window slot trim strip	56
1.11	Exploded view - front door handle and door lock	57
1.12	Removing door handle	58
1.13	Removing and installing outer door handle trim	59
1.14	Removing door lock	60
1.15	Removing and installing cover for door handle	63
2	Central locking system	65
2.1	Overview (vehicles with 3 doors)	65
2.2	Overview (vehicles with 5 doors)	66
2.3	Removing and installing convenience system central control unit	66
2.4	Removing and installing tank filler flap locking motor	67
2.5	Removing tank filler flap locking motor	67
58	Rear doors, door components	70
1	Rear door	70
1.1	Removing and installing window frame and window regulator	70
1.2	Removing and installing window regulator and door window	73
1.3	Removing and installing window guide	74
1.4	Removing and installing outer window slot trim strip	74
1.5	Removing and installing window regulator motor	75
1.6	Adjusting rear door	75
1.7	Making adjustments using template T40038/5	78
1.8	Adjustment dimensions for rear door window frame	80
1.9	Exploded view - rear door handle and door lock	82
1.10	Removing door handle	83
1.11	Removing and installing outer door handle trim	84
1.12	Removing door lock	84
60	Sunroof	87
1	Sliding/tilting sunroof (vehicles with 3 doors)	87
1.1	Exploded view	87
1.2	Manual operation of electrical glass sunroof	89
1.3	Removing and installing wind deflector	90
1.4	Removing and installing sliding sunroof motor	91
1.5	Adaption for sunroof motor	92
1.6	Checking zero position for sliding/tilting sunroof	93
1.7	Adjusting zero position for sliding/tilting sunroof	94
1.8	Removing and installing bellows	95
1.9	Removing and installing glass sunroof panel	95
1.10	Adjusting glass sunroof panel	96
1.11	Removing and installing seal for glass sunroof panel	96
1.12	Removing and installing sunroof headliner	97
1.13	Removing and installing frame for sunroof operation	98
2	Water drain hoses	100
2.1	Overview	100
2.2	Cleaning water drain hoses	100
3	Sliding/tilting sunroof (vehicles with 5 doors)	102
3.1	Removing and installing roof module	102
3.2	Minimum drying times	112
3.3	Assembly parts (exterior)	112
3.4	Removing and installing wind deflector	113
3.5	Removing and installing sunroof panel	114
3.6	Removing and installing cable guide	119
3.7	Exploded view - cross strut and sunroof sun blind (front)	122

3.8	Removing and installing sunroof sun blind (rear)	124
3.9	Removing and installing sliding sunroof motor	132
63	- Bumpers	134
1	Bumper (front)	134
1.1	Removing and installing bumper (front)	134
1.2	Attachment points for bumper cover	138
1.3	Removing and installing trim grille	139
1.4	Installing brackets for parking aid	140
2	Bumper (front) - RS 3	146
2.1	Exploded view - bumper cover	146
2.2	Removing and installing bumper cover (front)	148
2.3	Removing and installing closure plate for bumper cover (front)	148
2.4	Removing and installing spoiler (bottom section)	149
2.5	Removing and installing bumper cover mounting (front)	149
2.6	Removing and installing impact absorber	150
2.7	Removing and installing cover for headlight washer jet	150
2.8	Removing and installing air intake grille and trim strip	150
2.9	Exploded view - impact bar	151
2.10	Removing and installing impact bar	153
2.11	Removing and installing connecting piece	153
2.12	Removing and installing mounting for impact bar	154
3	Bumper (rear)	155
3.1	Exploded view - bumper cover (rear)	155
3.2	Removing and installing bumper cover (rear)	157
3.3	Removing and installing guides (side/rear)	159
3.4	Removing and installing bumper cover trim	160
3.5	Removing and installing bumper cover (bottom section)	160
3.6	Removing and installing bumper cover mounting	161
3.7	Removing and installing impact bar (vehicles without towing bracket)	161
3.8	Removing and installing impact bar (vehicles with towing bracket)	161
3.9	Installing brackets for parking aid	162
4	Bumper (rear) - RS 3	167
4.1	Exploded view - bumper cover (rear)	167
4.2	Removing and installing bumper cover (rear)	169
4.3	Removing and installing bumper cover trim	171
4.4	Removing and installing guide (rear) for bumper cover	171
4.5	Removing and installing guide (side) for bumper cover	172
4.6	Removing and installing bumper cover mounting	172
4.7	Removing and installing bumper cover (bottom section)	172
4.8	Removing and installing impact bar	173
64	- Glazing	174
1	Flush-bonded windows	174
1.1	Removing and installing flush-bonded windows - general comments	174
1.2	Repairing windscreen using special tool VAS 6092	176
1.3	Materials	176
1.4	Minimum drying times	177
2	Windscreen	178
2.1	Exploded view - windscreen	178
2.2	Removing windscreen	179
2.3	Preparations before installing a new windscreen	182
2.4	Installing windscreen	184
2.5	Removing and installing rain sensor	186
2.6	Installing fastening strip for water deflector strip	188

3	Removing and installing rear window	190
3.1	Exploded view (vehicles with 3 doors)	190
3.2	Exploded view (vehicles with 5 doors)	191
3.3	Removing undamaged rear window	191
3.4	Removing damaged rear window	193
3.5	Preparations before installing a new rear window	194
3.6	Installation instructions	194
4	Removing and installing side window	196
4.1	Exploded view (vehicles with 3 doors)	196
4.2	Removing undamaged side window	197
4.3	Exploded view (vehicles with 5 doors)	199
4.4	Removing undamaged side window	200
4.5	Removing damaged side window	203
4.6	Preparations before installing a new window	203
4.7	Installing side window	204
66	Exterior equipment	206
1	Strips and panels	206
1.1	Removing and installing trim panel for B-pillar	206
1.2	Renewing protective side strips	208
1.3	Trim cover on door (bottom)	210
1.4	Renewing sill panel trims	213
2	Strips and panels - RS 3	215
2.1	Exploded view - outer sill panel trim, side member trim	215
2.2	Removing and installing sill panel trim (front and rear)	216
2.3	Removing and installing side member trim for wing panel	217
2.4	Removing and installing side member trim	218
3	Removing and installing roof rail	220
4	Exterior mirrors	221
4.1	Exploded view - exterior mirror - vehicles up to 05.2009	221
4.2	Installing mirror glass	223
4.3	Removing and installing mirror adjustment motor	223
4.4	Removing and installing mirror housing	223
4.5	Exploded view - exterior mirror (vehicles from 06.2009 onwards)	225
4.6	Removing and installing mirror glass	225
4.7	Removing and installing housing for exterior mirror	227
4.8	Removing and installing cover for mounting for mirror adjustment unit	228
4.9	Removing and installing mounting for mirror adjustment unit	228
4.10	Removing and installing mirror adjustment unit	229
5	Radiator grille	230
5.1	Exploded view - radiator grille	230
5.2	Exploded view - radiator grille, RS 3	230
5.3	Removing and installing RS 3 emblem	231
5.4	Removing and installing radiator grille - RS 3	232
5.5	Removing and installing Audi rings	232
6	Spoiler	233
6.1	Exploded view - spoiler for rear lid	233
6.2	Removing and installing wheel spoiler (front)	234
6.3	Removing and installing wheel spoiler (rear)	235
6.4	Exploded view - wheel spoiler, RS 3	235
6.5	Removing and installing wheel spoiler (front) - RS 3	236
6.6	Removing and installing wheel spoiler (rear) - RS 3	236
7	Underbody trim	237
7.1	Exploded view - heat shields	237

7.2	Removing and installing heat shield for floor	238
7.3	Removing and installing heat shield for propshaft	238
7.4	Removing and installing heat shield for tunnel (centre)	239
7.5	Removing and installing heat shield for rear silencer	240
7.6	Removing and installing cross member for underbody	240
7.7	Removing and installing Cd underbody panelling	240
8	Wheel housing liners	242
8.1	Removing and installing wheel housing liner (front)	242
8.2	Removing and installing wheel housing liner (rear)	243
8.3	Exploded view - wheel housing liner, RS 3	244
8.4	Removing and installing front section of wheel housing liner (front) - RS 3	245
8.5	Removing and installing rear section of wheel housing liner (front) - RS 3	245
8.6	Removing and installing wheel housing liner (rear) - RS 3	246
9	Brand emblems and model badges	247
9.1	Emblems and badges on rear lid (vehicles with 3 doors)	247
9.2	Emblems and badges on rear lid (vehicles with 5 doors)	249
9.3	Emblems and badges on rear lid (S3, RS 3)	252