



Contents

00 - Technical data	1
1 Electrical components	1
1.1 Access to diagnoses	1
68 - Interior equipment	2
1 Safety information and repair notes	2
1.1 Safety information	2
1.2 Repair instructions	2
2 Compartments/covers	3
2.1 Overview of fitting locations - storage compartments/covers/trim panels	3
2.2 Assembly overview - dash panel cover (driver side)	5
2.3 Assembly overview - dash panel cover (passenger side)	5
2.4 Assembly overview - steering column trim	6
2.5 Assembly overview - glove compartment	7
2.6 Removing and installing dash panel cover on driver side	8
2.7 Removing and installing dash panel cover (passenger side)	10
2.8 Removing and installing gap cover for dash panel insert	11
2.9 Removing and installing upper steering column trim	11
2.10 Removing and installing lower steering column trim	12
2.11 Removing and installing glove compartment	13
2.12 Removing and installing glove compartment opener	14
2.13 Removing and installing restrictor for glove compartment	15
2.14 Service position of glove compartment	16
2.15 Removing and installing information electronics cover	16
3 Equipment, without net partition	17
3.1 Assembly overview – sun visors	17
3.2 Removing and installing sun visor	17
3.3 Removing and installing sun visor centre mount	19
3.4 Removing and installing roof grab handle	20
4 Equipment, with net partition	22
4.1 Assembly overview – net partition	22
4.2 Assembly overview – sun visors	22
4.3 Removing and installing front net partition bracket	23
4.4 Removing and installing net partition bracket	24
4.5 Removing and installing sun visor	25
4.6 Removing and installing sun visor centre mount	27
4.7 Removing and installing roof grab handle	27
4.8 Removing and installing retainer for net partition	28
5 Centre console	30
5.1 Assembly overview - centre console	30
5.2 Removing and installing rear centre console trim	32
5.3 Removing and installing cover for centre console	32
5.4 Removing and installing centre console insert	33
5.5 Removing and installing centre console	33
5.6 Removing and installing cup holder	35
5.7 Removing and installing rear centre console storage compartment	35
5.8 Removing and installing centre console bracket	36
5.9 Removing and installing front centre console trim	37
5.10 Removing and installing side centre console trim	38
5.11 Removing and installing centre console trim (side)	39
5.12 Removing and installing vent in rear centre console	39
6 Front centre armrest	41



6.1	Assembly overview - front centre armrest	41
6.2	Removing and installing front centre armrest	41
7	Interior mirror, without front camera	43
7.1	Assembly overview – automatic anti-dazzle interior mirror	43
7.2	Removing and installing automatic anti-dazzle interior mirror	43
8	Interior mirror, with front camera	46
8.1	Assembly overview – interior mirror, with front camera	46
8.2	Removing and installing interior mirror, with front camera	46
69	Passenger protection	49
1	Safety information and repair notes	49
1.1	Safety information	49
1.2	Repair instructions	49
2	Seat belts	50
2.1	Overview of fitting locations – seat belts and anchorage points	50
2.2	Assembly overview – front three-point seat belt	52
2.3	Assembly overview – rear outer three-point seat belt	54
2.4	Assembly overview – rear centre three-point seat belt	55
2.5	Assembly overview ? front belt buckle	56
2.6	Assembly overview – rear belt buckle	57
2.7	Removing and installing front three-point seat belt [NX18]/[NX19]	58
2.8	Removing and installing rear outer three-point seat belt	61
2.9	Removing and installing rear centre three-point seat belt	63
2.10	Removing and installing front belt guide	64
2.11	Removing and installing rear belt guide	65
2.12	Removing and installing front belt end fitting	65
2.13	Removing and installing rear outer belt end fitting	68
2.14	Removing and installing belt height adjuster	68
2.15	Removing and installing front belt buckle	69
2.16	Removing and installing rear right belt buckle	70
2.17	Removing and installing rear left belt buckle	71
2.18	Removing and installing rear centre belt buckle	72
3	Child seat anchors, without front child seat anchors	74
3.1	Assembly overview – rear child seat anchors	74
3.2	Removing and installing guide for child seat anchor, rear bench seat	75
4	Child seat anchors, with front child seat anchors	76
4.1	Assembly overview ? front child seat anchors	76
4.2	Assembly overview – rear child seat anchors	76
4.3	Removing and installing front child seat anchors	77
4.4	Removing and installing guide for child seat anchor, rear bench seat	78
5	Airbag system	79
5.1	Overview of fitting locations – airbag system	79
6	Airbag control unit	82
6.1	Assembly overview ? airbag control unit	82
6.2	Removing and installing airbag control unit [J234]	82
7	Front airbag	85
7.1	Assembly overview – front airbag, driver side	85
7.2	Removing and installing airbag unit with igniter	85
7.3	Renewing connector on airbag	87
8	Front passenger airbag	90
8.1	Assembly overview – front passenger airbag	90
8.2	Removing and installing front passenger airbag unit with igniter	91
8.3	Removing and installing key-operated switch to deactivate airbag on front passenger side	92
9	Side airbag, outer side	94



9.1	Assembly overview - front outer side airbag	94
9.2	Removing and installing front outer side airbag	94
10	Side airbag, outer side and inner side	97
10.1	Assembly overview - front outer side airbag	97
10.2	Assembly overview – front side airbag, inner side	97
10.3	Assembly overview – rear side airbag	98
10.4	Removing and installing front outer side airbag	99
10.5	Removing and installing front inner side airbag	101
10.6	Removing and installing rear side airbag with igniter	103
11	Curtain airbags	106
11.1	Assembly overview ? curtain airbag	106
11.2	Removing and installing curtain airbag with igniter	106
12	Airbag crash sensors	111
12.1	Assembly overview - crash sensors for airbags	111
12.2	Removing and installing front airbag crash sensor for driver side G283	113
12.3	Removing and installing front side airbag crash sensor [G179/G180]	115
12.4	Removing and installing rear side airbag crash sensor [G256/G257]	116
13	Seat belt verification	119
13.1	Assembly overview - seat occupied sensor	119
13.2	Removing and installing front seat occupied sensor [G1067]/[G128]	119
13.3	Removing and installing rear seat occupied sensor [G177/G178/G1010]	120
14	Seat-occupied recognition system, vehicles with seat ventilation	123
14.1	Overview of fitting locations - seat occupied recognition system	123
14.2	Removing and installing front seat occupied sensor [G1067]/[G128]	125
14.3	Removing and installing rear seat occupied sensor [G177]/[G178]	126
14.4	Removing and installing rear seat occupied sensor, centre [G1010]	126
15	Seat-occupied recognition system, vehicles without seat ventilation	128
15.1	Overview of fitting locations - seat occupied recognition system	128
15.2	Removing and installing front seat occupied sensor [G1067]/[G128]	130
15.3	Removing and installing rear seat occupied sensor [G177]/[G178]	130
15.4	Removing and installing rear seat occupied sensor, centre [G1010]	131
70 - Trim, insulation		133
1	Safety information and repair notes	133
1.1	Safety information	133
1.2	Repair instructions	133
2	Front door trims	134
2.1	Assembly overview – front door trim	134
2.2	Removing and installing front door trim	134
2.3	Removing and installing trim panel	137
2.4	Removing and installing button/switch trim	138
3	Rear door trims	140
3.1	Assembly overview – rear door trim	140
3.2	Removing and installing rear door trim	140
3.3	Removing and installing trim panel	144
3.4	Removing and installing button/switch trim	144
4	Dash panel	145
4.1	Assembly overview - dash panel	145
4.2	Removing and installing dash panel end cover	147
4.3	Removing and installing trim panel for dash panel	147
4.4	Removing and installing dash panel trim on front passenger side	148
4.5	Removing and installing loudspeaker trim	149
4.6	Removing and installing dash panel	149
4.7	Removing and installing side defroster vent	152



4.8	Removing and installing centre vent	153
4.9	Removing and installing cover for dash panel/head-up display	153
4.10	Removing and installing trim panel for dash panel (top, passenger side)	154
4.11	Removing and installing support bracket for dash panel trim	154
4.12	Removing and installing dash panel trim carrier on front passenger side	155
4.13	Removing and installing trim for dash panel insert	156
5	Dash panel cross member	157
5.1	Assembly overview – dash panel cross member	157
5.2	Removing and installing crash bar	157
5.3	Removing and installing dash panel cross member	158
6	Interior trims	162
6.1	Overview of fitting locations – interior trims	162
6.2	Assembly overview – sill panel moulding	163
6.3	Assembly overview – A-pillar trim	164
6.4	Assembly overview – B-pillar trim	165
6.5	Assembly overview – C-pillar trim	166
6.6	Assembly overview – foot rest and floor covering	167
6.7	Assembly overview – wheel housing trim	169
6.8	Removing and installing front sill panel moulding	170
6.9	Removing and installing rear sill panel moulding	171
6.10	Removing and installing upper A-pillar trim	172
6.11	Removing and installing lower A-pillar trim	173
6.12	Removing and installing A-pillar gap cover	175
6.13	Removing and installing upper B-pillar trim	175
6.14	Removing and installing lower B-pillar trim	177
6.15	Removing and installing C-pillar trim	178
6.16	Removing and installing wheel housing trim	179
6.17	Removing and installing floor covering	180
6.18	Removing and installing foot rest	181
7	Luggage compartment trims	184
7.1	Overview of fitting locations – luggage compartment trims	184
7.2	Assembly overview – luggage compartment side trim	184
7.3	Assembly overview – luggage compartment floor	185
7.4	Assembly overview – lower rear lid trim	186
7.5	Assembly overview ? upper rear lid trim	187
7.6	Removing and installing lower rear lid trim	188
7.7	Removing and installing upper rear lid trim	190
7.8	Removing and installing luggage compartment side trim	190
7.9	Removing and installing lock carrier trim	192
7.10	Removing and installing fastening rings	193
7.11	Removing and installing support for luggage compartment floor	194
7.12	Removing and installing side rear lid trim	195
8	Roof trims	196
8.1	Assembly overview – moulded headliner	196
8.2	Removing and installing moulded headliner	196
8.3	Fitting roof reinforcement to body	199
72 - Seat frames		203
1	Safety information and repair notes	203
1.1	Safety information	203
1.2	Repair instructions	203
2	Overview of seat variants	204
2.1	Overview of fitting locations – seat variants	204
3	Front seats, manual	205
3.1	Assembly overview – front seat, manually adjustable	205



3.2	Assembly overview – front backrest	206
3.3	Assembly overview - head restraint	206
3.4	Assembly overview – seat pan, manual adjustment	207
3.5	Assembly overview – seat height adjustment, manual	209
3.6	Assembly overview - seat depth adjuster	209
3.7	Removing and installing front seat	210
3.8	Removing and installing seat longitudinal adjustment handle	213
3.9	Removing and installing seat height adjustment handle	214
3.10	Removing and installing seat height adjustment unit, manually adjustable	214
3.11	Removing and installing front backrest	215
3.12	Removing and installing head restraint	217
3.13	Removing and installing head restraint guide	218
3.14	Removing and installing backrest adjuster	218
3.15	Removing and installing backrest adjuster	219
3.16	Securing front seat to seat repair stand	220
3.17	Removing and installing seat trim bracket	221
3.18	Removing and installing inner seat trim	222
3.19	Removing and installing seat depth adjuster	223
3.20	Removing and installing operating lever of seat rake adjustment	225
3.21	Removing and installing outer seat trim	226
4	Front seats, electric	229
4.1	Overview of fitting locations – electrical and electronic components	229
4.2	Assembly overview - front seat, electric adjustment	231
4.3	Assembly overview – front backrest	233
4.4	Assembly overview – head restraint, backrest cover made of fabric	234
4.5	Assembly overview – head restraint, backrest cover made of leather	234
4.6	Assembly overview - seat pan, electric adjustment	235
4.7	Assembly overview – seat height adjustment, electrical	237
4.8	Assembly overview - lumbar support	238
4.9	Assembly overview ? seat rake adjustment	238
4.10	Assembly overview - seat depth adjuster	239
4.11	Removing and installing front seat	240
4.12	Removing and installing seat height adjustment unit, electrically adjustable	243
4.13	Removing and installing seat rake adjustment unit	244
4.14	Removing and installing front backrest	245
4.15	Removing and installing lumbar support adjustment switch E176/E177	247
4.16	Securing front seat to seat repair stand	247
4.17	Removing and installing lumbar support	248
4.18	Removing and installing seat adjustment operating unit [E470]/[E471]	249
4.19	Removing and installing seat trim bracket	250
4.20	Removing and installing inner seat trim	251
4.21	Removing and installing outer seat trim	251
4.22	Removing and installing seat longitudinal adjustment motor [V28]/[V31]	253
4.23	Removing and installing seat depth adjuster	254
4.24	Removing and installing seat adjustment control unit	256
4.25	Removing and installing operating unit for memory settings [E464]/[E465]	256
4.26	Removing and installing head restraint, backrest cover made of fabric	257
4.27	Removing and installing head restraint, backrest cover made of leather	258
4.28	Removing and installing head restraint guide, backrest cover made of fabric	259
4.29	Removing and installing head restraint guide, backrest cover made of leather	259
5	Front seats, R-line	261
5.1	Assembly overview – front seat, Top-Sport	261
5.2	Assembly overview – front backrest, Top-Sport	262
5.3	Assembly overview – seat pan, manual adjustment	263
5.4	Assembly overview – seat height adjustment, manual	265
5.5	Assembly overview - seat depth adjuster	265



5.6	Removing and installing front seat	266
5.7	Removing and installing trim for backrest with integrated head restraint	269
5.8	Removing and installing seat longitudinal adjustment handle	270
5.9	Removing and installing seat height adjustment handle	271
5.10	Removing and installing seat height adjustment unit, manually adjustable	272
5.11	Removing and installing front backrest	273
5.12	Removing and installing head restraint, integrated	275
5.13	Removing and installing head restraint guide	275
5.14	Removing and installing lumbar support adjustment switch E176/E177	276
5.15	Removing and installing lumbar support	276
5.16	Removing and installing backrest adjuster	278
5.17	Securing front seat to seat repair stand	278
5.18	Removing and installing seat trim bracket	279
5.19	Removing and installing inner seat trim	280
5.20	Removing and installing outer seat trim	280
5.21	Removing and installing seat depth adjuster	282
5.22	Removing and installing operating lever of seat rake adjustment	284
6	Front seat pneumatic system	285
6.1	Assembly overview - pneumatic system	285
6.2	Removing and installing massage mat	285
7	Rear seats	287
7.1	Assembly overview – bench seat/individual seats	287
7.2	Assembly overview - locking mechanism	290
7.3	Removing and installing bench seat/individual seats	291
7.4	Removing and installing rear seat backrest	293
7.5	Removing and installing head restraint	294
7.6	Removing and installing head restraint guide	295
7.7	Removing and installing back panel trim	296
7.8	Removing and installing locking mechanism for rear seat backrest	297
7.9	Removing and installing flap for load-through hatch	299
7.10	Removing and installing centre armrest	300
7.11	Disconnecting and connecting Bowden cable for remote release mechanism of rear seat backrest	301
7.12	Removing and installing operating handle for remote release mechanism of rear seat backrest	302
7.13	Removing and installing seat trim	303
7.14	Removing and installing Bowden cable for remote release mechanism of rear seat backrest	304
7.15	Removing and installing trim for locking mechanism	306
74	Seat - padding, covers	309
1	Safety information and repair notes	309
1.1	Repair instructions	309
1.2	Safety information	309
2	Cover and padding on front seat, without seat heating	310
2.1	Assembly overview – seat pan cover and padding	310
2.2	Assembly overview ? backrest cover and padding	310
2.3	Removing and installing seat pan cover and padding	311
2.4	Removing and installing backrest cover and padding	313
2.5	Separating seat pan cover from seat pan padding	315
2.6	Separating backrest cover from backrest padding	317
3	Cover and padding on front seat, with seat heating	319
3.1	Assembly overview – seat pan cover and padding	319
3.2	Assembly overview ? backrest cover and padding	319
3.3	Assembly overview ? seat heating element	320
3.4	Assembly overview ? backrest heating element	321



3.5	Removing and installing seat pan cover and padding	322
3.6	Removing and installing backrest cover and padding	324
3.7	Separating seat pan cover from seat pan padding	326
3.8	Separating backrest cover from backrest padding	328
3.9	Removing and installing seat heating element [ZX11]/[ZX13]	329
3.10	Removing and installing backrest heating element [Z116]/[Z117]	331
4	Cover and padding on rear seat, without seat heating	333
4.1	Assembly overview - rear bench seat cover and padding	333
4.2	Assembly overview – rear seat backrest cover and padding	333
4.3	Removing and installing cover and padding of rear bench seat	334
4.4	Removing and installing cover and padding of rear seat backrest	336
4.5	Removing and installing intermediate padding - backrest with load-through hatch	338
4.6	Separating cover and padding for rear bench seat	338
4.7	Separating cover and padding for rear seat backrest	340
5	Cover and padding on rear seat, with seat heating	342
5.1	Assembly overview - rear bench seat cover and padding	342
5.2	Assembly overview – rear seat backrest cover and padding	342
5.3	Assembly overview – seat heating element	343
5.4	Assembly overview – backrest heating element	344
5.5	Removing and installing cover and padding of rear bench seat	345
5.6	Removing and installing cover and padding of rear seat backrest	347
5.7	Removing and installing intermediate padding - backrest with load-through hatch	349
5.8	Separating cover and padding for rear bench seat	349
5.9	Separating cover and padding for rear seat backrest	351
5.10	Removing and installing seat heating element [ZX10]/[ZX12]	352
5.11	Removing and installing backrest heating element [Z11]/[Z13]	353