001 - Basic equipment Lowline	1-26
1. Basic equipment Lowline	1-5
2. Earth connections	6
3. Earth connections	7
4. Ignition/starter switch, main fuse	8
5. Cruise control system switch, steering column electronics control unit	9
6. Turn signal switch, intermittent wiper switch, steering angle sender	10
7. Onboard supply control unit, windscreen wiper motor, washer pump	11
8. Light switch	12
9. Left headlight, left fog light	13
10. Right headlight, right fog light	14
11. Left reversing light, high level brake light	15
12. Right reversing light, number plate light	16
13. Hazard warning lights button, treble tone horn, bass tone horn, dual tone horn relay	17
14. X-contact relief relay, fuses	18
15. Ashtray illumination bulb, cigarette lighter illumination bulb, fuses	19
16. Glove compartment light, left footwell light	20
17. Washer jet heater element	21
18. Control unit in dash panel insert	22
19. Oil pressure switch, brake fluid level warning contact	23
20. Dash panel vent illumination bulb, radio controlled clock	24
21. Brake pad wear sender, diagnostic connector	25
22. Fuel tank cap switch, fuel gauge sender	26
002 - Basic equipment Highline	27-52
1. Basic equipment Highline	27-31
2. Earth connections	32
3. Earth connections	33
4. Ignition/starter switch, main fuse	34
5. Cruise control system switch, steering column electronics control unit	35
6. Turn signal switch, intermittent wiper switch, steering angle sender	36
7. Onboard supply control unit, windscreen wiper motor, washer pump	37
8. Light switch, headlight range control regulator	38
9. Left headlight, left fog light	39
10. Right headlight, right fog light	40
11. Left reversing light, high level brake light	41
12. Right reversing light, number plate light	42
13. Hazard warning lights button, treble tone horn, bass tone horn, dual tone horn relay	43
14. X-contact relief relay, fuses	44
15. Ashtray illumination bulb	45
16. Glove compartment light, left footwell light	46
17. Heated rear window relay, left washer jet heater element	47
18. Control unit in dash panel insert	48
19. Oil pressure switch, brake fluid level warning contact	49
20. Dash panel vent illumination bulb, radio controlled clock	50
21. Brake pad wear sender, diagnostic connector	51
22. Fuel tank cap switch, fuel gauge sender	52
003 - Telephone without voice control	53-59
1. Telephone without voice control	53-54
2. Telephone transmitter and receiver unit, fuses	55
3. Telephone transmitter and receiver unit, aerial	56
4. Telephone transmitter and receiver unit, fax unit	57
5. Telephone transmitter and receiver unit, telephone microphone	58
6. Telephone transmitter and receiver unit	59
004 - Telephone with voice control	60-67
1. Telephone with voice control	60-62
2. Telephone transmitter and receiver unit, fuses	63
3. Telephone transmitter and receiver unit, aerial	64
4. Control unit for voice control, telephone transmitter and receiver unit, fax unit	65
5. Control unit for voice control, telephone transmitter and receiver unit, telephone microphone	66
6. Control unit for voice control, telephone transmitter and receiver unit, CAN bus	67
005 - Air conditioner, From model year 2003	68-74
1. Air conditioner, From model year 2003	68
2. Control and display unit for air conditioner/Climatronic, fuses	69
3. Control and display unit for air conditioner/Climatronic, central flap, air flow flap, air	70
recirculation flap	
4. Control and displav unit for air conditioner/Climatronic. defroster flap. temperature flaps	71

	5. Control and display unit for air conditioner/Climatronic, vent temperature senders 6. Control and display unit for air conditioner/Climatronic, high pressure sender, sensors,	72 73
	compressor regulating valve 7. Control and display unit for air conditioner/Climatronic, fresh air blower	74
000	δ - Convenience systems	75-98
	1. Convenience systems	75-79
	2. Fuses	80
	3. Convenience system central control unit, earth points, earth connections, alarm horn	81
	4. Convenience system central control unit, motor for boot lid/tailgate release and tank filler flap	82
	locking	
	5. Convenience system central control unit, bonnet contact switch, interior monitor sender/receiver module 1 and 2	83
	6. Convenience system central control unit, interior light	84
	7. Convenience system central control unit, tailgate/ boot lid contact switch for anti-theft alarm,	85
	contact switch in lock cylinder for tailgate/boot lid	00
	8. Convenience system central control unit, luggage compartment lights, glove box light, illuminated	86
	vanity mirrors	
	9. Convenience system central control unit, left and right footwell light, rear left and rear right	87
	footwell light	
	10. Convenience system central control unit, door control unit - driver's side, electric window	88
	motor - left, electric window switches 11. Door control unit - driver's side, central locking lock unit - driver's side	89
	12. Door control unit - driver's side, boot lid release switch, door opening illumination - driver's	90
	side, interior locking switch - driver's side	00
	13. Door control unit (driver's side), central locking warning lamp -SAFE-, door warning lamp	91
	(driver's side), front left entry light	
	14. Door control unit (driver's side), mirror adjustment switch, interior monitor switch, motor for	92
	mirror adjustment (driver's side)	~~~
	 Door control unit on driver's side, mirror adjustment motor on driver's side, folding mirror motor (driver's side) 	93
	16. Door control unit on driver's side, operating unit for driver's seat memory, control unit for	94
	seat adjustment (with memory)	01
	17. Door control unit (passenger side), motor for electric window (right), central locking lock unit	95
	(front passenger side)	
	18. Door control unit (passenger side), mirror adjustment motor (passenger side), folding mirror	96
	motor (passenger side) 19. Door control unit (passenger side), mirror adjustment motor (passenger side), interior locking	97
	switch (passenger side), electric window switch (passenger door)	51
	20. Motor for electric window (left rear), motor for electric window (right rear)	98
00	7 - Continuously variable automatic gearbox - Multitronic® 01J	99-105
	1. Continuously variable automatic gearbox - Multitronic® 01J	99-102
	Voltage supply, starter inhibitor and reversing light relay	103
	3. Automatic gearbox control unit, Tiptronic switch	104
0.00	 Automatic gearbox control unit, dash panel insert Airbags for driver and front passenger with belt tensioners and side airbags 	105 106-116
000	1. Airbags for driver and front passenger with belt tensioners and side airbags	106-110
	2. Earth points, earth connections	111
	3. Airbag control unit, airbag igniters, belt tensioner igniters	112
	4. Belt switches, airbag deactivation key switch (front passenger s side)	113
	5. Side airbag crash sensors, side airbag igniters	114
	6. Rear belt tensioner igniters, roll-over bar solenoids	115
000	 Front airbag crash sensors, control unit with display in dash panel insert Anti-lock brake system (ABS) with electronic stability program (ESP) 	116 117-126
003	1. Anti-lock brake system (ABS) with electronic stability program (ESP)	117-120
	2. Fuses, ABS with EDL control unit	121
	3. Speed sensors, ABS with EDL control unit	122
	4. Steering angle sender, ABS with EDL control unit	123
	5. Brake pressure sender, yaw rate sender, ABS valves, ABS return flow pump	124
	6. Brake light switch, handbrake warning switch, ABS with EDL control unit	125
044	7. Traction control system switch, ABS with EDL control unit	126
010	 Power operated convertible top Power operated convertible top 	127-133 127-128
	2. Current supply	127-128
	3. Convertible top operation	130
	4. Convertible roof box lid, top switch, convertible roof actuation control unit	131
	5. Convertible roof lock motor	132

Control unit with display in dash panel insert, heated rear window	133
011 - Automatic anti-dazzle interior mirror (without coming home function)	134-138
1. Automatic anti-dazzle interior mirror (without coming home function)	134-136
2. Automatic anti-dazzle interior mirror, ignition/starter switch, reversing light switch	137
3. Automatic anti-dazzle interior mirror, door control unit - driver's side, door control unit -	138
	150
front passenger's side	400 447
012 - Radio without Bose sound system	139-147
1. Radio without Bose sound system	139-141
2. Voltage supply	142
3. Front loudspeakers	143
4. Amplifier	144
5. Rear loudspeakers, bass loudspeakers	145
6. CD changer	146
7. Aerial, diagnostic connector, CAN bus	147
013 - Radio with Bose sound system	148-156
1. Radio with Bose sound system	148-150
2. Voltage supply	151
3. Bass loudspeakers	152
4. Front loudspeakers	153
•	154
5. Rear loudspeakers	
6. CD changer	155
7. Aerial, diagnostic connector, CAN bus	156
014 - Radio navigation system (RNS-D) (7Q2) without Bose sound system	157-169
1. Radio navigation system (RNS-D) (7Q2) without Bose sound system	157-159
2. Navigation operating electronics control unit, voltage supply	160
3. Navigation operating electronics control unit, muting	161
	162
4. Navigation operating electronics control unit, front loudspeakers	
5. Navigation operating electronics control unit, amplifier	163
Amplifier, rear loudspeakers, bass loudspeakers	164
7. Navigation operating electronics control unit, CD changer	165
Navigation operating electronics control unit, navigation/TV tuner	166
9. Navigation operating electronics control unit, left and right aerial module, navigation interface,	167
navigation/TV tuner	
10. Navigation operating electronics control unit, navigation interface, navigation aerial (GPS)	168
11. Control unit with display in dash panel insert	169
015 - Radio navigation system (RNS-D) (7Q2) with Bose sound system	170-182
1. Radio navigation system (RNS-D) (7Q2) with Bose sound system	170-172
2. Navigation operating electronics control unit, voltage supply	173
3. Navigation operating electronics control unit, muting	174
4. Navigation operating electronics control unit, amplifier, bass loudspeakers	175
5. Navigation operating electronics control unit, amplifier, front loudspeakers	176
6. Navigation operating electronics control unit, amplifier, rear loudspeakers	177
7. Navigation operating electronics control unit, CD changer	178
Navigation operating electronics control unit, navigation/TV tuner	179
9. Navigation operating electronics control unit, left and right aerial module, navigation interface,	180
navigation/TV tuner	
10. Navigation operating electronics control unit, navigation interface, navigation aerial (GPS)	181
11. Control unit with display in dash panel insert	182
016 - Telematics with voice control	
	183-193
1. Telematics with voice control	183-185
2. Telephone/telematics control unit, fuses	186
3. Telephone/telematics control unit, aerials	187
4. Telematics operating unit, telephone/telematics control unit, additional loudspeaker for	188
telematics	
5. Telephone handset, telephone/telematics control unit	189
	190
6. Control unit for voice control, telephone/telematics control unit, fax unit	
7. Control unit for voice control, telephone/telematics control unit, telephone microphone	191
Control unit for voice control, telephone/telematics control unit, CAN bus	192
9. Function selection switch II	193
017 - Telematics without voice control	194-204
1. Telematics without voice control	194-196
2. Telephone/telematics control unit, fuses	197
3. Telephone/telematics control unit, aerials	198
•	
4. Telematics operating unit, telephone/telematics control unit, additional loudspeaker for	199
telematics	
5. Telephone handset. telephone/telematics control unit	200

	6. Telephone/telematics control unit, fax unit	201
	7. Telephone/telematics control unit, telephone microphone	202
	8. Telephone/telematics control unit, CAN bus	203
010	9. Function selection switch II - Trailer socket	204 205-209
010	1. Trailer socket	205-209
	2. Brake light switch, trailer detector control unit, fuses	208-207
	3. Trailer socket, terminal 30 fuse - trailer towing	209
019	- Garage door operation (Homelink)	210-214
	1. Garage door operation (Homelink)	210-211
	2. Fuses	212
	3. Garage door operating unit, vanity mirror contact switch (driver s side)	213
000	4. Control unit with display in dash panel insert, garage door operation control unit	214
020	 Multi-function steering wheel Multi-function steering wheel 	215-219 215-216
	2. Ignition/starter switch, control unit with display in dash panel insert, fuse	215-210
	3. Operating unit in steering wheel, steering column electronics control unit	218
	4. Operating unit in steering wheel, steering column electronics control unit	219
021	- Diagnostic connector	220-222
	1. Diagnostic connector	220-221
	2. Diagnostic connector	222
022	- Preparation for mobile telephone	223-227
	1. Preparation for mobile telephone	223
	 Telephone transmitter and receiver unit, fuses Telephone transmitter and receiver unit, NF output 	224 225
	4. Telephone transmitter and receiver unit, telephone bracket	225
	5. Telephone aerial, aerial amplifier for mobile telephone	227
023	- Navigation system "NS LOW" (7Q9)	228-234
	1. Navigation system "NS LOW" (7Q9)	228-230
	2. Navigation system with CD drive control unit, fuses	231
	3. Navigation system with CD drive control unit, radio	232
	4. Control unit with display in dash panel insert, navigation system with CD drive control unit	233
~~ 4	5. Function selection switch II, control unit with display in dash panel insert	234
024	- Parking aid	235-242
	1. Parking aid 2. Parking aid control unit, fuses	235-237 238
	3. Parking aid control unit, front parking aid senders	238
	4. Parking aid control unit, rear parking aid senders	240
	5. Parking aid control unit, parking aid button	241
	6. Control unit with display in dash panel insert, parking aid control unit	242
025	- Servotronic	243-245
	1. Servotronic	243-244
	2. Servotronic control unit, Servotronic solenoid valve	245
026	- Auxiliary heater	246-250
	1. Auxiliary heater	246-248
	2. Temperature sensor, flame monitor, additional heater control unit, auxiliary heating radio wave receiver, heater overheating fuse (8 Amp.), auxiliary heater fuse	249
	3. Control and display unit for air conditioner/Climatronic, additional heater control unit, coolant	250
	shut-off valve, glow plug, combustion air blower, metering pump, recirculating pump	200
027	- Radiator fan control - 350W, 400W or 600W (petrol engines)	251-256
	1. Radiator fan control - 350Ŵ, 400W or 600Ŵ (petrol engines)	251-255
	2. Radiator fan control	256
028	- Radiator fan control - 400W or 600W	257-261
	1. Radiator fan control - 400W or 600W	257-260
~~~	2. Radiator fan control	261
029	- 2.4 litre fuel injection engine (120 kW - Motronic - 6-cylinder), engine code AMM	262-281
	<ol> <li>2.4 litre fuel injection engine (120 kW - Motronic - 6-cylinder), engine code AMM</li> <li>Battery, starter, alternator, voltage regulator, ignition/starter switch</li> </ol>	262-266 267
	3. Fuel pump relay, Motronic control unit, fuses	268
	4. Motronic control unit, injectors	269
	5. Air mass meter, radiator fan control unit	270
	6. Coolant temperature senders, inlet camshaft timing adjustment valves	271
	7. Engine speed sender, knock sensors, Motronic control unit	272
	8. Hall senders, Motronic control unit	273
	9. Lambda probes, heater for lambda probes	274
	10. Lambda probes II. heater for lambda probes 2	275

	11. Brake servo pressure sensor, secondary air pump motor, vacuum pump for brakes	276
	12. Accelerator pedal position senders, Motronic control unit, throttle valve module	277
	13. Coil capacitor, ignition coils	278
	14. Motronic control unit, automatic gearbox control unit, data bus wire	279
	15. Control unit with display in dash panel insert, fuel pump, oil level/oil temperature sender	280
	16. Control unit with display in dash panel insert, oil pressure switch, coolant shortage indicator	281
		201
	switch, speedometer sender	
030	0 - 3.0 litre fuel injection engine (160 kW - Motronic - 6-cylinder), engine code BBJ	282-303
	1. 3.0 litre fuel injection engine (160 kW - Motronic - 6-cylinder), engine code BBJ	282-286
	2. Battery, starter, alternator, voltage regulator, ignition/starter switch	287
		288
	3. Fuses	
	4. Motronic control unit, Motronic current supply relay	289
	5. Injectors	290
	6. Air mass meter, activated charcoal filter system solenoid valve 1, secondary air inlet valve,	291
		201
	intake manifold change-over valve	
	7. Coolant temperature senders, camshaft timing adjustment valves, continued coolant circulation	292
	pump	
	8. Engine speed sender, knock sensors	293
	9. Hall senders	294
	10. Lambda probes	295
	11. Lambda probes II	296
	12. Brake servo pressure sensor, secondary air pump motor, vacuum pump for brakes	297
	13. Accelerator pedal position senders, throttle valve module	298
	14. Ignition coils	299
	15. Ignition coils	300
	16. Motronic control unit, automatic gearbox control unit, data bus wire	301
		302
	17. Fuel gauge sender, fuel pump (pre-supply pump), fuel gauge sender -2-	
	<ol> <li>Oil pressure switch, coolant shortage indicator switch, speedometer sender</li> </ol>	303
03	1 - 1.8 litre fuel injection engine (110 kW - Motronic - 4-cylinder), engine code AVJ	304-321
	1. 1.8 litre fuel injection engine (110 kW - Motronic - 4-cylinder), engine code AVJ	304-308
	2. Battery, starter, alternator, ignition/starter switch, fuses	309
	3. Fuel pump relay, fuses	310
	4. Motronic control unit, Motronic current supply relay, engine electronics fuse	311
	5. Air mass meter, coolant temperature sender - radiator outlet, injectors	312
		313
	6. Map-controlled engine cooling thermostat, coolant temperature senders	
	<ol><li>Engine speed sender, knock sensor I, knock sensor II, Motronic control unit</li></ol>	314
	8. Hall sender, inlet camshaft timing adjustment valve -1-, secondary air pump motor	315
	9. Accelerator pedal position senders, Motronic control unit, throttle valve module	316
	10. Lambda probes, Motronic control unit	317
	11. Ignition coils, spark plug connector	318
	12. Motronic control unit, automatic gearbox control unit, data bus wire	319
	13. Control unit with display in dash panel insert, fuel pump, oil level/oil temperature sender	320
		321
	14. Control unit with display in dash panel insert, oil pressure switch, coolant shortage indicator	321
	switch, speedometer sender	
03	2 - Headlights with gas discharge lamps and automatic headlight range control	322-327
	1. Headlights with gas discharge lamps and automatic headlight range control	322-323
		324
	2. Ignition/starter switch, control unit for headlight range control, fuse	
	<ol><li>Control unit for headlight range control, vehicle level senders</li></ol>	325
	4. Control unit for headlight range control, left gas discharge lamp, left headlight range control	326
	motor	
		327
	5. Control unit for headlight range control, right gas discharge lamp, right headlight range control	521
	motor	
03	3 - Electronic logbook (chip card reader unit)	328-330
	1. Electronic logbook (chip card reader unit)	328-329
	2. Chip card reader unit	330
	•	
034	4 - CAN bus wires	331-340
	1. CAN bus wires	331-333
	2. CAN bus wires (drive train)	334
	3. CAN bus wires, control unit with display in dash panel insert	335
	4. CAN bus wires (convenience features)	336
	5. CAN bus wires (convenience features)	337
	6. CAN bus wires (navigation and infotainment)	338
	7. CAN bus wires (infotainment)	339
	8. CAN bus wires (infotainment)	340
03	5 - Electric seat adjustment with easy entry	341-350
	1. Electric seat adjustment with easy entry	341

2. Seat adjustment fuse, driver side	342
<ol><li>Driver seat rake-, backrest- and height adjustment</li></ol>	343
<ol><li>Driver seat longitudinal adjustment and head restraint adjustment</li></ol>	344
<ol><li>Entry assistance button on driver side, driver seat backrest locking switch</li></ol>	345
6. Seat adjustment fuse, front passenger side	346
<ol><li>Front passenger seat backrest-, rake-, and height adjustment</li></ol>	347
8. Front passenger seat seat longitudinal adjustment and head restraint adjustment	348
9. Entry assistance button on front passenger side, front passenger seat backrest locking switch	349
10. Lumbar support adjustment, driver and front passenger seats	350
036 - Electric seat adjustment easy entry and memory function	351-362
1. Electric seat adjustment easy entry and memory function	351
2. Seat adjustment fuse, driver side, seat adjustment with memory control unit	352
3. Driver side rake-, backrest- and height adjustment, seat and steering column adjustment control	
unit with memory	
4. Seat adjustment with memory control unit, driver side easy entry control unit	354
5. Driver seat head restraint adjustment and longitudinal adjustment	355
6. Entry assistance button on driver side, driver seat backrest locking switch	356
7. Front passenger seat adjustment thermal fuse 1	357
8. Front passenger seat backrest- , rake- , and height adjustment	358
9. Front passenger seat seat longitudinal adjustment and head restraint adjustment	359
10. Entry assistance button on front passenger side, front passenger seat backrest locking switch	360
11. Lumbar support adjustment, driver and front passenger seats	361
12. Driver seat memory operating unit, control unit with display in dash panel insert	362
037 - Front and rear seat heating with and without steering wheel heater	363-370
1. Front and rear seat heating with and without steering wheel heater	363-365
2. Fuses	366
3. Seat heating driver seat	367
4. Seat heating front passenger seat	368
5. Heated rear left seat	369
6. Heated rear right seat	370
038 - 2.5 litre turbo-diesel engine (120 kW - 6-cylinder), engine code BFC	371-388
1. 2.5 litre turbo-diesel engine (120 kW - 6-cylinder), engine code BFC	371-376
2. Battery, starter, alternator, ignition/starter switch	377
3. Fuses	378
4. Diesel direct injection system control unit, terminal 30 voltage supply relay	379
5. Relay for glow plugs, glow plugs - (engine), strip fuse for glow plugs - engine	380
6. Radiator fan control unit, injection pump control unit	381
7. Brake light switch, clutch pedal switch, exhaust gas recirculation valve	382
8. Oil temperature sender, needle lift sender, low fuel level sender	383
9. Charge air pressure sender, air mass meter	384
10. Kick-down switch, idling switch, coolant temperature senders, engine speed sender	385
11. Low heat output relay, high heat output relay, additional heating heater element	386
12. Automatic gearbox control unit, control unit with display in dash panel insert	387
13. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender	388
039 - Radiator fan control - 350W or 400W	389-394
1. Radiator fan control - 350W or 400W	389-393
2. Radiator fan control	394
040 - Headlights (with coming home function)	395-397
1. Headlights (with coming home function)	395
2. Onboard power supply control unit, headlight range control adjuster	396
3. Onboard power supply control unit, lighting switch	397
041 - 3.0 litre fuel injection engine (162 kW - Motronic - 6-cylinder), engine code AVK,BGN	398-418
1. 3.0 litre fuel injection engine (162 kW - Motronic - 6-cylinder), engine code AVK,BGN	398-402
2. Battery, starter, alternator	403
3. Ignition/starter switch, fuel pump relay, fuses	404
4. Motronic control unit, Motronic current supply relay, fuses	405
5. Injectors, fuel system diagnostic pump	406
6. Air mass meter, activated charcoal filter system solenoid valve 1, secondary air inlet valve	407
7. Coolant shortage indicator switch, coolant temperature senders, camshaft timing adjustment val	
8. Engine speed sender, knock sensors	409
9. Hall senders	410
10. Lambda probes, Motronic control unit	411
11. Lambda probes, Motronic control unit	412
12. Brake servo pressure sensor, secondary air pump motor, vacuum pump for brakes	413
13. Clutch pedal switch, accelerator pedal position senders, throttle valve module	414
14. Ianition coils	415

15. Ignition coils	416
16. Automatic gearbox control unit, data bus wire	417
17. Oil pressure switch, fuel gauge sender, fuel pump	418
042 - Headlights (with coming home function)	419-421
1. Headlights (with coming home function)	419
2. Onboard power supply control unit, headlight range control adjuster	420
3. Onboard power supply control unit, lighting switch	421
043 - Automatic anti-dazzle interior mirror (with coming home function)	422-425
1. Automatic anti-dazzle interior mirror (with coming home function)	422-423
2. Headlight range control adjuster, onboard power supply control unit	424
3. Door control unit - driver's side, door control unit - front passenger's side	425
044 - Auxiliary heater	426-430
1. Auxiliary heater	426-428
2. Temperature sensor, flame monitor, additional heater control unit, auxiliary heating radio	429
controlled receiver, heater overheating fuse (8 Amp.), auxiliary heater fuse	
3. Air conditioning system/Climatronic operating and display unit, additional heater control unit,	430
coolant shut-off valve, glow plug, combustion air blower, metering pump, circulation pump	
045 - Convenience systems	431-454
1. Convenience systems	431-435
2. Fuses	436
3. Convenience system central control unit, earth points, earth connections, alarm horn	437
4. Convenience system central control unit, motor for boot lid release and tank filler flap locking	438
5. Convenience system central control unit, bonnet contact switch, interior monitor sender/receiver	439
module 1 and 2	
6. Convenience system central control unit, interior light	440
7. Convenience system central control unit, boot lid contact switch for anti-theft alarm, contact	441
switch in lock cylinder for boot lid	
8. Convenience system central control unit, luggage compartment lights, glove box light, illuminated	442
vanity mirrors	
9. Convenience system central control unit, left and right footwell light, rear left and rear right	443
footwell light	
10. Convenience system central control unit, door control unit - driver's side, electric window	444
motor - left, electric window switches	
11. Door control unit - driver's side, central locking lock unit - driver's side	445
12. Door control unit - driver's side, boot lid release switch, door opening illumination - driver's	446
side, interior locking switch - driver's side	
13. Door control unit - driver's side, central locking warning lamp -SAFE-, door warning lamp -	447
driver's side, front left entry light	
14. Door control unit - driver's side, mirror adjustment switch, interior monitor switch, mirror	448
adjustment motor - driver's side	
15. Door control unit - driver's side, mirror adjustment motor - driver's side, folding mirror motor	449
- driver's side	
16. Door control unit - driver's side, memory operating unit - driver's seat, seat adjustment with	450
memory control unit	. – .
17. Door control unit - front passenger's side, electric window motor - right, central locking lock	451
unit - front passenger's side	450
18. Door control unit - front passenger's side, mirror adjustment motor - front passenger's side,	452
folding mirror motor - front passenger's side	450
19. Door control unit - front passenger's side, mirror adjustment motor - front passenger's side,	453
interior locking switch - front passenger's side, electric window switch in front passenger's door	454
20. Rear left electric window motor, rear right electric window motor	454
046 - Continuously variable automatic gearbox: Multitronic® 01J	455-462
1. Continuously variable automatic gearbox: Multitronic® 01J	455-458 459
2. Voltage supply 3. Starter inhibitor and reversing light relay	460
4. Automatic gearbox control unit, Tiptronic switch	460
5. Automatic gearbox control unit, control unit with display in dash panel insert	462
047 - Provision for radio (not factory-fitted radios)	402 463-466
1. Provision for radio (not factory-fitted radios)	463-464
2. Battery, lighting switch, convenience system central control unit, aerial connection, left aerial	405-404
module, fuses	
3. Rear loudspeakers, front treble loudspeakers, front bass loudspeakers	466
048 - 2.5 litre turbo-diesel engine (120 kW - 6-cylinder), engine code BDG	467-483
1. 2.5 litre turbo-diesel engine (120 kW - 6-cylinder), engine code BDG	467-471
2. Battery, starter, alternator, ignition/starter switch	472
3. Fuses	473

<ol><li>Diesel direct injection system control unit, terminal 30 voltage supply relay</li></ol>	474
5. Relay for glow plugs, glow plugs - (engine), strip fuse for glow plugs - engine	475
6. Radiator fan control unit, injection pump control unit	476
7. Brake light switch, clutch pedal switch, exhaust gas recirculation valve	477
8. Oil temperature sender, needle lift sender, low fuel level sender	478
9. Charge air pressure sender, air mass meter	479
10. Kick-down switch, idling switch, coolant temperature senders, engine speed sender	480
	481
11. Low heat output relay, high heat output relay, additional heating heater element	
12. Automatic gearbox control unit, control unit with display in dash panel insert	482
13. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender	483
049 - Radio without Bose sound system	484-494
1. Radio without Bose sound system	484-486
2. Voltage supply	487
3. Radio muting on models with mobile phone, telephone/telematics	488
4. Radio muting on models with navigation system 'NS Low'	489
5. Front loudspeakers	490
6. Amplifier	491
7. Rear loudspeakers, bass loudspeakers	492
8. CD changer	493
9. Aerial, diagnostic connector, CAN bus	494
050 - Radio with Bose sound system	495-505
1. Radio with Bose sound system	495-497
2. Voltage supply	498
<ol><li>Radio muting on models with mobile phone, telephone/telematics</li></ol>	499
<ol><li>Radio muting on models with navigation system 'NS Low'</li></ol>	500
5. Bass loudspeakers	501
6. Front loudspeakers	502
7. Rear loudspeakers	503
8. CD changer	504
9. Aerial, diagnostic connector, CAN bus	505
051 - Radio navigation system (RNS-D) (7Q2) without Bose sound system	506-518
1. Radio navigation system (RNS-D) (7Q2) without Bose sound system	506-508
2. Navigation operating electronics control unit, voltage supply	509
	510
3. Navigation operating electronics control unit, muting	
4. Navigation operating electronics control unit, front loudspeakers	511
5. Navigation operating electronics control unit, amplifier	512
6. Amplifier, rear loudspeakers, bass loudspeakers	513
7. Navigation operating electronics control unit, CD changer	514
<ol><li>Navigation operating electronics control unit, navigation/TV tuner</li></ol>	515
9. Navigation operating electronics control unit, left and right aerial module, navigation interface,	516
navigation/TV tuner	
10. Navigation operating electronics control unit, navigation interface, navigation aerial (GPS)	517
11. Control unit with display in dash panel insert	518
052 - Radio navigation system (RNS-D) (7Q2) with Bose sound system	519-531
1. Radio navigation system (RNS-D) (7Q2) with Bose sound system	519-521
2. Navigation operating electronics control unit, voltage supply	522
3. Navigation operating electronics control unit, muting	523
4. Navigation operating electronics control unit, amplifier, bass loudspeakers	524
5. Navigation operating electronics control unit, amplifier, front loudspeakers	525
	526
6. Navigation operating electronics control unit, amplifier, rear loudspeakers	
7. Navigation operating electronics control unit, CD changer	527
8. Navigation operating electronics control unit, navigation/TV tuner	528
9. Navigation operating electronics control unit, left and right aerial module, navigation interface,	529
navigation/TV tuner	
10. Navigation operating electronics control unit, navigation interface, navigation aerial (GPS)	530
11. Control unit with display in dash panel insert	531
053 - Continuously variable automatic gearbox: multitronic 01J	532-539
1. Continuously variable automatic gearbox: multitronic 01J	532-535
2. Voltage supply, starter inhibitor and reversing light relay	536
3. Tiptronic switch, automatic gearbox relay, selector lever lock solenoid	537
4. Automatic gearbox fuse (for ATF pump run-on)	538
5. Engine control units, control unit with display in dash panel insert	539
054 - 5-speed automatic gearbox with Tiptronic	540-548
1. 5-speed automatic gearbox with Tiptronic	540-543
2. Voltage supply	544
3. Tiptronic switch. selector lever lock solenoid	545
	5-5

<ol><li>Solenoid valves, gearbox input speed sender, gearbox output speed sender</li></ol>	546
5. Multi-function switch, automatic gearbox relay	547
<ol><li>Engine control units, control unit with display in dash panel insert</li></ol>	548
055 - Automatic anti-dazzle interior mirror	549-553
1. Automatic anti-dazzle interior mirror	549-551
2. Light switch, onboard power supply control unit	552
<ol><li>Door control unit - driver s side, door control unit - front passenger s side</li></ol>	553
056 - Automatic anti-dazzle interior mirror	554-562
1. Automatic anti-dazzle interior mirror	554-557
2. Voltage supply	558
3. Light switch, headlight range control adjuster	559
4. Side light bulb, dipped beam bulb	560
5. Fog light bulb, tail light bulb, number plate light	561
6. Door control unit - driver s side, door control unit - front passenger s side	562
057 - Preparation for mobile telephone	563-566
1. Preparation for mobile telephone	563
2. Telephone aerial, fuse	564
3. Radio and navigation system	565
4. Telephone microphone, telephone bracket	566
058 - Radio without Bose sound system	567-577
1. Radio without Bose sound system	567-569
2. Voltage supply	570
3. Mute circuit telephone and telematics	571
4. Mute circuit navigation system NS-LOW	572
5. Front loudspeaker	573
6. Amplifier	574
7. Rear right loudspeaker, bass loudspeaker	575
8. CD changer	576
9. Aerial, diagnostic connector, CAN bus	577
059 - CAN bus wires	578-587
1. CAN bus wires	578-580 581
2. CAN bus wires (drive train)	582
<ol> <li>CAN bus wires, control unit with display in dash panel insert</li> <li>CAN bus wires (convenience features)</li> </ol>	583
5. CAN bus wires (convenience features)	583 584
6. CAN bus wires (convenience reactives) 6. CAN bus wires (navigation and infotainment)	585
7. CAN bus wires (infotainment)	586
8. CAN bus wires (infotainment)	587
060 - Radio with Bose sound system	588-598
1. Radio with Bose sound system	588-590
2. Voltage supply	591
3. Mute circuit telephone and telematics	592
4. Mute circuit navigation system NS-LOW	593
5. Amplifier, internal loudspeaker, internal microphone	594
6. Amplifier, front right bass loudspeaker, rear right loudspeaker	595
7. Amplifier, front right treble loudspeaker, front right mid-range loudspeaker	596
8. CD changer	597
9. Aerial, diagnostic connector, CAN bus	598
061 - Preparation for radio trade product	599-602
1. Preparation for radio trade product	599-600
2. Battery, light switch, convenience system central control unit, aerial connection, aerial module,	601
left, fuses	001
3. Rear loudspeaker, front treble loudspeaker, front bass loudspeaker	602
062 - Convenience system	603-626
1. Convenience system	603-607
2. Fuses, earth points, earth connections	608
3. Alarm horn, earth points, earth connections	609
4. Rear lid release motor, tank filler flap locking motor	610
5. Bonnet contact switch, interior monitor send and receive module 1and 2	611
6. Front interior light	612
7. Rear lid contact switch for anti-theft alarm, contact switch in lock cylinder for rear lid	613
8. Driver vanity mirror contact switch, glove compartment light, luggage compartment light	614
9. Left and right footwell light, rear left and right footwell light	615
10. Window regulator switch, driver door control unit, left window regulator motor	616
11. Driver side central locking lock unit	617
12. Driver side interior locking switch, rear lid release switch	618
	-

13. Central locking deadlock function warning lamp, driver side door warning lamp, front left entry light	619
14. Mirror adjustment switch, interior monitoring switch, driver side mirror adjustment motor	620
15. Driver side mirror adjustment motor, driver side fold-in mirror motor	621
16. Driver seat memory operating unit, seat adjustment with memory control unit	622
17. Right window regulator motor, front passenger side central locking lock unit	623
18. Front passenger side mirror adjustment motor, front passenger side fold-in mirror motor	624
19. Window regulator switch in front passenger door, front passenger side interior locking switch,	625
front passenger side mirror adjustment motor 20. Rear left window regulator motor, rear right window regulator motor	626
20. Rearrent window regulator motor, rear right window regulator motor 063 - Headlights with gas discharge lamps and automatic headlight range control	627-632
1. Headlights with gas discharge lamps and automatic headlight range control	627-628
2. Ignition/starter switch, control unit for headlight range control, fuse	629
3. Control unit for headlight range control, vehicle level senders	630
4. Control unit for headlight range control, left gas discharge lamp, left headlight range control	631
motor	
5. Control unit for headlight range control, right gas discharge lamp, right headlight range control	632
motor	000.044
64 - Air conditioning system	633-641
1. Air conditioning system	633-635 636
<ol> <li>Operating and display unit for air conditioning system/Climatronic, fuses</li> <li>Air recirculation flap control motor, central flap control motor, air flow flap control motor</li> </ol>	637
4. Defroster flap control motor, left temperature flap control motor, right temperature flap control	638
motor	000
5. Sunlight penetration photosensor, vent temperature sender, fresh air intake duct temperature sensor	639
6. High pressure sender, sensors, compressor regulating valve	640
7. Fresh air blower	641
65 - 1.8 litre fuel injection engine (125 kW - Motronic - 4-cylinder), engine code AMB, with	642-658
agnostic pump for leakage in fuel system	
1. 1.8 litre fuel injection engine (125 kW - Motronic - 4-cylinder), engine code AMB, with diagnostic pump for leakage in fuel system	642-647
2. Battery, starter, alternator, clutch pedal switch, starter inhibitor relay	648
3. Ignition/starter switch, fuel pump relay, fuses	649
4. Motronic control unit, Motronic current supply relay	650
5. Air mass meter, coolant temperature sender - radiator outlet, injectors, fuel system diagnostic	651
pump	
6. Coolant temperature senders, charge air pressure sender, intake air temperature sender, charge	652
pressure control solenoid valve	050
7. Engine speed sender, knock sensor I, knock sensor II	653 654
8. Hall sender, inlet camshaft timing adjustment valve -1-, secondary air pump motor, vacuum pump for brakes	034
9. Accelerator pedal position senders, throttle valve module	655
10. Lambda probes	656
11. Ignition coils	657
12. Oil pressure switch, fuel pump (pre-supply pump), fuel gauge sender -2-, oil level/oil	658
temperature sender 66 - 2.0 litre fuel injection engine (96 kW - Motronic - 4-cylinder), engine code ALT	659-674
1. 2.0 litre fuel injection engine (96 kW - Motronic - 4-cylinder), engine code ALT	659-663
2. Air mass meter, injectors	664
3. Map-controlled engine cooling thermostat, coolant temperature gauge sender	665
4. Engine speed sender, knock sensors	666
5. Hall sender, brake servo pressure sensor, brake servo relay	667
6. Accelerator pedal position senders, throttle valve module	668
7. Lambda probes	669
8. Ignition coils	670
9. Automatic gearbox control unit, data bus wire	671
10. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender	672
11. Automatic gearbox control unit, data bus wire	673 674
12. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender	674 675-695
<ul> <li>67 - 4.2 litre fuel injection engine (253 kW - Motronic - 8-cylinder), engine code BBK</li> <li>1. 4.2 litre fuel injection engine (253 kW - Motronic - 8-cylinder), engine code BBK</li> </ul>	675-695
2. Motronic current supply relay, radiator fan control unit, fuses	680
3. Injectors	681
4. Radiator fan control unit, injectors	682
5. Air mass meter. continued coolant circulation relay. inlet camshaft timing adjustment valves	683

6. Engine speed sender, knock sensors	684
7. Hall sender, knock sensors	685
8. Lambda probes, lambda probe heaters	686
9. Lambda probes 2, heaters for lambda probes 2	687
10. Coolant shortage indicator switch, coolant temperature gauge sender	688
11. Accelerator pedal position senders, throttle valve module	689
12. Ignition coils	690
13. Ignition coils	691
14. Automatic gearbox control unit, data bus wire	692
15. Oil pressure switch, pre-supply fuel pump, oil level and oil temperature sender	693
16. Automatic gearbox control unit, data bus wire	694
17. Oil pressure switch, pre-supply fuel pump, oil level and oil temperature sender	695
068 - 6-speed automatic gearbox with Tiptronic	696-702
1. 6-speed automatic gearbox with Tiptronic	696-698
2. Automatic gearbox fuse (for ATF pump run-on)	699
3. Motronic control unit, control unit in dash panel insert	700
4. Automatic gearbox fuse (for ATF pump run-on)	701
5. Motronic control unit, control unit in dash panel insert	702
069 - Radiator fan control - 700 W or 800 W (4.2 litre Motronic)	703-705
1. Radiator fan control - 700 W or 800 W (4.2 litre Motronic)	703
2. Motronic current supply relay, radiator fan control unit 2, fuses	704
3. Radiator fan control unit, radiator fan	705
070 - Starter inhibitor relay, clutch pedal switch	706-709
1. Starter inhibitor relay, clutch pedal switch	706-708
2. Starter inhibitor relay, clutch pedal switch	709
071 - Radio and navigation system (RNS-E)	710-720
1. Radio and navigation system (RNS-E)	710
2. Navigation system with CD drive control unit, fuse in fuse holder	710
3. Navigation system with CD drive control unit, CD changer, iPod, USB connection	712
4. Front treble loudspeaker, front mid-range loudspeaker	713
5. Amplifier, front bass loudspeaker, rear loudspeaker	714
<ol><li>Amplifier, internal loudspeaker, internal microphone - Bose</li></ol>	715
7. Front bass loudspeaker, rear loudspeaker - Bose	716
8. Front treble tone-, mid-range loudspeakers - Bose	717
9. Navigation system tuner for TV	718
10. Navigation system aerial GPS, aerial module	719
11. Control unit in dash panel insert, CAN bus	720
072 - Tyre pressure monitor	721-723
1. Tyre pressure monitor	721
2. Tyre pressure sensors, tyre pressure monitor aerial, fuse	722
<ol><li>Windscreen wiper switch, control unit in dash panel insert</li></ol>	723
073 - Radio and navigation system (models for Japan)	724-734
1. Radio and navigation system (models for Japan)	724
2. Ignition/starter switch, navigation operating electronics control unit, fuse in relay plate fuse	725
holder	
3. CD changer	726
4. Front right treble loudspeaker, front right mid-range loudspeaker - serial equipment	727
5. Amplifier, front right bass loudspeaker, rear right loudspeaker - serial equipment	728
6. Amplifier - serial equipment	729
<ol><li>Amplifier, internal loudspeaker, internal microphone - Bose</li></ol>	730
8. Amplifier, front right bass loudspeaker, rear right loudspeaker - Bose	731
9. Amplifier, front right treble loudspeaker, front right mid-range loudspeaker - Bose	732
10. Aerial selection control unit	733
11. Control unit in dash panel insert, data bus wire (CAN bus)	734
074 - Air conditioning system	735-743
1. Air conditioning system	735
2. Fuses	736
3 Fliege ignition/starter switch	737
3. Fuses, ignition/starter switch	720
4. Air recirculation flap control motor, central flap control motor, air flow flap control motor	738
	739
4. Air recirculation flap control motor, central flap control motor, air flow flap control motor	
<ul> <li>4. Air recirculation flap control motor, central flap control motor, air flow flap control motor</li> <li>5. Defroster flap control motor, left temperature flap control motor, right temperature flap control motor</li> </ul>	
<ul> <li>4. Air recirculation flap control motor, central flap control motor, air flow flap control motor</li> <li>5. Defroster flap control motor, left temperature flap control motor, right temperature flap control motor</li> <li>6. Sunlight penetration photosensor, vent temperature sender, fresh air intake duct temperature</li> </ul>	739
<ul> <li>4. Air recirculation flap control motor, central flap control motor, air flow flap control motor</li> <li>5. Defroster flap control motor, left temperature flap control motor, right temperature flap control motor</li> <li>6. Sunlight penetration photosensor, vent temperature sender, fresh air intake duct temperature sensor</li> </ul>	739 740
<ul> <li>4. Air recirculation flap control motor, central flap control motor, air flow flap control motor</li> <li>5. Defroster flap control motor, left temperature flap control motor, right temperature flap control motor</li> <li>6. Sunlight penetration photosensor, vent temperature sender, fresh air intake duct temperature sensor</li> <li>7. High pressure sender, air quality sensor</li> </ul>	739 740 741
<ul> <li>4. Air recirculation flap control motor, central flap control motor, air flow flap control motor</li> <li>5. Defroster flap control motor, left temperature flap control motor, right temperature flap control motor</li> <li>6. Sunlight penetration photosensor, vent temperature sender, fresh air intake duct temperature sensor</li> </ul>	739 740

075 - Front and rear seat heating, steering wheel heater	744-750
1. Front and rear seat heating, steering wheel heater	744
2. Fuses	745
	746
3. Heated steering wheel	
4. Heated driver seat cushion	747
5. Heated front passenger seat cushion	748
6. Heated rear left seat	749
7. Heated rear right seat	750
076 - Radio	751-761
1. Radio	751
2. Voltage supply	752
3. Front treble loudspeaker, front mid-range loudspeaker	753
4. Amplifier	754
5. Amplifier, internal loudspeaker, internal microphone - Bose	755
6. Front bass loudspeaker, rear loudspeaker - Bose	756
7. Front treble loudspeaker, front mid-range loudspeaker - Bose	757
8. CD changer, iPod holder, USB connection retainer	758
9. Satellite radio	759
10. Satellite radio with CD changer, iPod holder, USB connection retainer	760
11. Aerial module	761
077 - Basic equipment	762-785
1. Basic equipment	762
2. Earth connections	763
3. Earth connections	764
4. Main fuse, ignition/starter switch, starter button	765
5. Steering column electronics control unit, CCS	766
6. Turn signal switch, intermittent wiper switch, horn plate	767
7. Onboard supply control unit, steering column electronics control unit, windscreen wiper motor,	768
washer pump, sport program button	100
	760
8. Light switch, headlight range control regulator	769
9. Left headlight, left fog light	770
10. Right headlight, right fog light	771
11. Left rear lights	772
12. Right reversing light	773
13. Hazard warning lights button, treble tone horn, bass tone horn	774
14. Brake light switch, X-contact relief relay, headlight washer system pump	775
15. Fuses, radio connector III	776
16. Glove compartment light, footwell light	777
17. Fuses, ashtray illumination, heated rear window, cigarette lighter, 12 V socket	778
18. Reversing light switch, electric socket, washer jet heater element	779
19. Fuel gauge sender, coolant temperature display sender	780
20. Brake fluid level warning contact, oil pressure switch	781
21. Control unit in dash panel insert, dash panel vent illumination, radio controlled clock	782
22. Diagnostic connector	783
23. Brake pad wear sender, oil level and oil temperature sender	784
24. Bonnet contact switch and ambient temperature switch	785
078 - Convenience system	786-805
1. Convenience system	786
2. Fuses	787
3. Alarm horn, bonnet contact switch	788
4. Rear lid release motor, tank filler flap locking motor	789
5. Interior monitor send and receive module 1 and 2	790
	791
6. Interior light	
7. Contact switch in lock cylinder for rear lid	792
8. Front passenger vanity mirror contact switch, glove compartment light, luggage compartment light	793
9. Footwell lights	794
10. Window regulator switch	795
11. Driver side central locking lock unit	796
12. Driver side interior locking switch, rear lid release switch	797
13. Driver side door warning lamp, front left entry light	798
14. Mirror adjustment switch	799
15. Driver side mirror adjustment motor, driver side fold-in mirror motor	800
16. Driver seat memory operating unit	801
17. Right window regulator motor, front passenger side central locking lock unit	802
18. Front passenger side mirror adjustment motor, front passenger side fold-in mirror motor	803
19. Window regulator switch in front passenger door, front passenger side interior locking switch.	804

front passanger side mirror adjustment meter	
front passenger side mirror adjustment motor 20. Rear window regulator motor	805
079 - Power operated convertible top	806-811
1. Power operated convertible top	806
2. Current supply	807
3. Convertible top operation	808
4. Convertible roof box lid, top switch	809
5. Convertible roof lock motor	810
6. Control unit in dash panel insert	811
080 - Trailer socket	812-814
1. Trailer socket	812 813
<ol> <li>Brake light switch, fuses</li> <li>Terminal 30 fuse, trailer towing attachment, trailer socket</li> </ol>	814
081 - Garage door operation - (Homelink)	815-818
1. Garage door operation - (Homelink)	815
2. Fuses	816
3. Garage door operating unit, driver vanity mirror contact switch	817
4. Control unit in dash panel insert, garage door operating unit	818
082 - 2.0 I - TFSI - Fuel injection engine (147 kW - Motronic - 4 cylinder), engine codes BWE, BPG	819-833
1. 2.0 I - TFSI - Fuel injection engine (147 kW - Motronic - 4 cylinder), engine codes BWE, BPG	819
2. Battery, starter, alternator, voltage regulator, ignition/starter switch, fuses	820
3. Engine control unit, Motronic current supply relay, engine component current supply relay, fuses	821
4. Injectors, left and right electrohydraulic engine mounting solenoid valve	822
<ol> <li>Charge pressure control solenoid valve, active charcoal filter system solenoid valve 1</li> <li>Lambda probes</li> </ol>	823 824
7. Engine speed sender, knock sensors	825
8. Altitude sender, intake air temperature sender, coolant temperature sender	826
9. Charge air pressure sender, Hall sender, fuel pressure sender, intake manifold pressure sender	827
10. Air mass meter, inlet camshaft control valve 1	828
11. Brake light switch, brake pedal switch, throttle valve potentiometer, clutch pedal switch	829
12. Oil level and oil temperature sender, ignition coils	830
13. Control unit in dash panel insert, automatic gearbox control unit	831
14. Fuel pump control unit, fuel system pressurisation pump, fuel gauge sender 2	832
15. Coolant shortage indicator switch, oil pressure switch	833
083 - 3.2 I - FSI - Fuel injection engine (188 kW - Motronic - 6 cylinder), engine codes AUK, BKH 1. 3.2 I - FSI - Fuel injection engine (188 kW - Motronic - 6 cylinder), engine codes AUK, BKH	834-852 834
2. Battery, starter, alternator, voltage regulator, ignition/starter switch, fuses	835
3. Engine control unit, fuel pump control unit, fuses	836
4. Starter motor relay, starter motor relay 2	837
5. Injectors	838
6. Injectors, active charcoal filter system solenoid valve 1, fuel metering valve	839
7. Variable intake manifold change-over valve, intake manifold flap valve, fuel system diagnostic	840
pump, fan for control unit	
8. Engine speed sender, knock sensors, coolant temperature sender	841
9. Hall sender 10. Fuel messeure condex for low messeure, intelle menifold fler, notentiemeter	842
10. Fuel pressure sender for low pressure, intake manifold flap potentiometer 11. Intake air temperature sender, intake manifold pressure sender, fuel pressure sender,	843 844
electro-hydraulic engine mounting solenoid valve	044
12. Additional coolant pump relay, inlet camshaft control valves, continued coolant circulation pump	845
13. Brake light switch, accelerator position sender, throttle valve module	846
14. Lambda probes	847
15. Lambda probes, variable intake manifold position sender	848
16. Ignition coils	849
17. Ignition coils	850
18. Control unit in dash panel insert, automatic gearbox control unit, clutch pedal switch for	851
engine start	050
19. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender, oil level and oil	852
temperature sender 084 - Radiator fan control 350 W, 400 W or 600 W (petrol engine)	853-854
1. Radiator fan control 350 W, 400 W or 600 W (petrol engine)	853-854 853
2. Battery, fuses, radiator fan control unit	854
085 - 2.0 I - Unit injectors (100 kW - 4 cylinder), engine code BRC	855-865
1. 2.0 I - Unit injectors (100 kW - 4 cylinder), engine code BRC	855
2. Battery, starter, alternator, voltage regulator, ignition/starter switch, fuses	856
3. Fuel pump relay, engine control unit, terminal 30 voltage supply relay, fuses	857
4. Accelerator position sender. automatic alow period control unit. enaine alow pluas	858

	5. Charge air pressure sender, intake air temperature sender, exhaust gas recirculation valve, brake	859
	light switch, clutch pedal switch	
	6. Hall sender, left electrohydraulic engine mounting solenoid valve, heater element for crankcase	860
	breather, intake manifold flap motor	
	7. Engine speed sender, coolant temperature sender, air mass meter, fuel temperature sender	861
	8. Auxiliary air heater element, exhaust gas temperature sender 1, temperature sender before	862
	particulate filter, temperature sender after particulate filter, exhaust gas pressure sensor 1	
	9. Lambda probe, unit injectors valve, No. 1 up to 4 cyl.	863
	10. Automatic gearbox control unit, engine control unit, control unit in dash panel insert	864
	11. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender, oil level and oil	865
	temperature sender	
0	86 - Radiator fan control 350 W, 400 W or 600 W (diesel engine)	866-867
	1. Radiator fan control 350 W, 400 W or 600 W (diesel engine)	866
	2. Battery, fuses, radiator fan control unit	867
0	87 - 3.0 I - Turbo-diesel engine (171 kW - 6 cylinder) engine code ASB	868-879
	1. 3.0 I - Turbo-diesel engine (171 kW - 6 cylinder) engine code ASB	868
	2. Voltage regulator, fuses	869
	<ol><li>Fuel pump relay, engine control unit, terminal 30 voltage supply relay, fuses</li></ol>	870
	4. Accelerator position sender, automatic glow period control unit, engine glow plugs	871
	5. Charge air pressure sender, intake air temperature sender, brake light switch, clutch pedal	872
	switch	
	6. Hall sender, throttle valve module	873
	7. Fuel pressure sender, fuel pressure regulating valve, fuel metering valve, intake manifold flap	874
	motor	
	8. Engine speed sender, coolant temperature sender, air mass meter, fuel temperature sender	875
	9. Auxiliary air heater element, temperature sender before particulate filter, exhaust gas pressure	876
	sensor 1, exhaust gas temperature sender	
	10. Lambda probe, injectors cylinder 1 up to 6	877
	11. Automatic gearbox control unit, control unit in dash panel insert	878
	12. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender, oil level and oil	879
	temperature sender	
0	88 - Radiator fan control 300 W and 400 W (diesel engine with manual gearbox)	880-882
	1. Radiator fan control 300 W and 400 W (diesel engine with manual gearbox)	880
	2. Battery, fuses, radiator fan control unit	881
	3. Fuse, radiator fan control unit 2	882
0	89 - Radiator fan control 300 W and 600 W (diesel engine with automatic gearbox)	883-885
	1. Radiator fan control 300 W and 600 W (diesel engine with automatic gearbox)	883
	2. Battery, fuses, radiator fan control unit	884
	3. Fuse, radiator fan control unit 2	885
0	90 - Headlight for gaseous discharge light (Xenon plus) and automatic headlight range control	886-891
	1. Headlight for gaseous discharge light (Xenon plus) and automatic headlight range control	886
	2. Ignition/starter switch, fuse, vehicle level sender	887
	3. Left gas discharge (xenon) bulb	888
	4. Right gas discharge (xenon) bulb	889
	5. Light switch	890
	6. Headlight range control regulator	891
	91 - Headlight for gaseous discharge light (Xenon, plus), dynamic cornering lights and automatic	892-898
h	eadlight range control	000
	1. Headlight for gaseous discharge light (Xenon, plus), dynamic cornering lights and automatic	892
	headlight range control	000
	2. Ignition/starter switch, fuses	893
	3. Vehicle inclination sender	894
	4. Left gas discharge (xenon) bulb	895
	5. Right gas discharge (xenon) bulb	896
	6. Light switch	897
0	7. Headlight range control regulator	898
U	92 - CAN bus wiring	899-906 800
	1. CAN bus wiring	899
	2. Engine control unit, ABS control unit	900
	3. Control unit for headlight range control, steering column electronics control unit	901
	4. Control unit in dash panel insert	902
	5. Trailer detector control unit, parking aid control unit, window regulator motor	903 904
	6. Climatronic control unit, convertible roof actuation control unit, door control unit	904 905
	<ol> <li>Engine control units, seat and steering column adjustment control unit</li> <li>Navigation system, navigation system tuner, TV, radio</li> </ol>	905 906
0	93 - Anti-locking brake system (ABS) with electronic stabilisation program (ESP)	908 907-912
U		907-912

<ol> <li>Anti-locking brake system (ABS) with electronic stabilisation program (ESP)</li> <li>Fuses, ABS control unit</li> <li>Speed sensor</li> <li>Steering angle sender</li> <li>Lateral acceleration sender, yaw rate sender, ESP sensor unit, ABS return flow pump</li> <li>Brake light switch, traction control system switch, control unit in dash panel insert</li> <li>094 - 1.8 I - Fuel injection engine (120 kW - Motronic - 4 cylinder), engine code BFB</li> <li>1.8 I - Fuel injection engine (120 kW - Motronic - 4 cylinder), engine code BFB</li> <li>Battery, starter, alternator, voltage regulator, ignition/starter switch, fuses</li> <li>Engine control unit, fuel pump relay, Motronic current supply relay, fuses</li> <li>Engine control unit, air mass meter, injectors, radiator outlet coolant temperature sender</li> <li>Coolant temperature sender, intake air temperature sender, active charcoal filter system solenoid valve 1</li> </ol>	907 908 909 910 911 912 913-924 913 914 915 916 917
<ul> <li>6. Engine control unit, engine speed sender, knock sensors</li> <li>7. Hall sender, inlet camshaft control valve 1, vacuum pump for brakes</li> <li>8. Accelerator position sender, throttle valve module, brake light switch</li> <li>9. Lambda probes</li> <li>10. Ignition coils</li> <li>11. Automatic gearbox control unit, control unit in dash panel insert</li> <li>12. Oil pressure switch, coolant shortage indicator sender, fuel gauge sender</li> <li>095 - 2.0 I - Fuel injection engine (96 kW - Motronic - 4 cylinder), engine code ALT</li> <li>1. 2.0 I - Fuel injection engine (96 kW - Motronic - 4 cylinder), engine code ALT</li> <li>2. Battery, starter, alternator, voltage regulator, ignition/starter switch, fuses</li> <li>3. Engine control unit, fuel pump relay, Motronic current supply relay, fuses</li> <li>4. Air mass meter, injectors</li> <li>5. Coolant temperature sender, intake air temperature sender, active charcoal filter system solenoid valve 1</li> </ul>	918 919 920 921 922 923 924 925-936 925 926 927 928 929
<ul> <li>6. Engine speed sender, knock sensors</li> <li>7. Hall sender, inlet camshaft control valve 1, vacuum pump for brakes</li> <li>8. Accelerator position sender, throttle valve module, brake light switch</li> <li>9. Lambda probes</li> <li>10. Ignition coils</li> <li>11. Control unit in dash panel insert, automatic gearbox control unit</li> <li>12. Oil pressure switch, coolant shortage indicator sender, fuel gauge sender</li> <li>096 - Radiator fan control 350 W, 400 W or 600 W (petrol engine)</li> <li>1. Radiator fan control 350 W, 400 W or 600 W (petrol engine)</li> <li>2. Battery, fuses, radiator fan control unit</li> <li>097 - 4.2 I - Fuel injection engine (253 kW - Motronic - 8 cylinder), engine code BBK, BHF</li> <li>1. 4.2 I - Fuel injection engine (253 kW - Motronic - 8 cylinder), engine code BBK, BHF</li> <li>2. Battery, starter, alternator</li> <li>3. Ignition/starter switch, fuel pump relay, fuses</li> <li>4. Engine control unit, Motronic current supply relay, inlet camshaft control valve 1</li> <li>5. Injectors</li> <li>6. Injectors, secondary air inlet valve, variable intake manifold change-over valve</li> <li>7. Air mass meter, fuel system diagnostic pump</li> <li>8. Engine speed sender, knock sensors</li> <li>9. Hall sender, knock sensors</li> <li>10. Lambda probes</li> </ul>	930 931 932 933 934 935 936 937-938 937 938 939-955 939 940 941 942 943 944 945 944 945 946 947 948 940
<ul> <li>11. Lambda probes</li> <li>12. Coolant temperature sender, secondary air pump motor</li> <li>13. Accelerator position sender, throttle valve module, brake light switch</li> <li>14. Ignition coils</li> <li>15. Ignition coils</li> <li>16. Automatic gearbox control unit, control unit in dash panel insert</li> <li>17. Oil pressure switch, coolant shortage indicator sender, fuel gauge sender</li> <li>098 - Radiator fan control 700 W or 800 W (4.2 l Motronic)</li> <li>1. Radiator fan control 700 W or 800 W (4.2 l Motronic)</li> <li>2. Radiator fan control unit 2, radiator fan 2, radiator fan 3</li> <li>3. Radiator fan control unit, radiator fan</li> <li>099 - Airbags for driver and front passenger with belt tensioners and side airbags</li> <li>1. Airbags for driver and front passenger with belt tensioners and side airbags</li> <li>2. Driver side and front passenger side airbag igniter</li> <li>3. Key operated switch to deactivate front passenger side airbag, front passenger side airbag deactivated warning lamp</li> <li>4. Side airbag crash sensors, side airbag igniter on driver side and front passenger side</li> <li>5. Driver and front passenger seat belt tensioner igniter. driver side knee airbag igniter and front</li> </ul>	949 950 951 952 953 954 955 956-958 956 957 958 959-966 959 960 961 962 963

passenger side	
6. Front passenger side belt switch, seat occupied recognition control unit	964
7. Belt switch, rear belt tensioner igniter	965
8. Front airbag crash sensors, control unit in dash panel insert	966
100 - Radio and navigation system RNS-low	967-976
1. Radio and navigation system RNS-low	967
2. Control unit with display for radio and navigation system, fuse on fuse holder	968
3. CD changer, iPod, USB connection	969
4. Front treble loudspeaker, front mid-range loudspeaker	970
5. Amplifier, front bass loudspeaker, rear loudspeaker	971
6. Amplifier, internal loudspeaker, internal microphone - Bose	972
7. Front bass loudspeaker, rear loudspeaker - Bose	973
8. Front treble loudspeaker, front mid-range loudspeaker - Bose 9. Navigation system aerial, aerial module	974 975
10. Control unit in dash panel insert, CAN bus	976
101 - Headlight	977-981
1. Headlight	977
2. Ignition/starter switch, headlight range control regulator, fuses	978
3. Light switch, fuse	979
4. Left headlight, left fog light	980
5. Right headlight, right fog light	981
102 - Automatic anti-dazzle interior mirror	982-987
1. Automatic anti-dazzle interior mirror	982
2. Onboard supply control unit, voltage supply	983
3. Light switch, headlight range control regulator	984
4. Headlight dipped beam bulbs, side light bulbs	985
5. Fog light, tail light	986 987
<ol> <li>6. Light detector sensor, door control units</li> <li>103 - Starter inhibitor relay, clutch pedal switch</li> </ol>	988-989
1. Starter inhibitor relay, clutch pedal switch	988
2. Starter inhibitor relay, clutch pedal switch	989
104 - 5-speed automatic gearbox with Tiptronic	990-995
1. 5-speed automatic gearbox with Tiptronic	990
2. Automatic gearbox control unit, ignition/starter switch, starter inhibitor relay	991
3. Automatic gearbox control unit, fuses, Tiptronic switch, selector lever lock solenoid	992
4. Automatic gearbox control unit, solenoid valves	993
5. Automatic gearbox control unit, multifunction switch	994
6. Automatic gearbox control unit, control unit in dash panel insert, engine control unit	995
105 - 6-speed automatic gearbox 09L with Tiptronic	996-1000
<ol> <li>6-speed automatic gearbox 09L with Tiptronic</li> <li>2. Fuses, starter inhibitor relay</li> </ol>	996 997
3. Automatic gearbox control unit, Tiptronic switch, selector lever lock solenoid	998
4. Automatic gearbox control unit, fuses, earth connection	999
5. Automatic gearbox control unit, control unit in dash panel insert, engine control unit	1000
106 - Continuously variable automatic gearbox: multitronic 01J, from November 2005, continuously	1001-1005
variable automatic gearbox: multitronic 0AN, from model year 2007	
1. Continuously variable automatic gearbox: multitronic 01J, from November 2005, continuously	1001
variable automatic gearbox: multitronic 0AN, from model year 2007	
2. Automatic gearbox control unit	1002
3. Automatic gearbox control unit, Tiptronic switch, selector lever lock solenoid	1003
4. Automatic gearbox control unit, earth connection, automatic gearbox fuse, run-on	1004
5. Control unit in dash panel insert, engine control unit	1005 1006-1007
107 - Diagnostic connector 1. Diagnostic connector	1006-1007
2. Diagnostic connector	1007
108 - Multifunction steering wheel	1008-1012
1. Multifunction steering wheel	1008
2. Ignition/starter switch, control unit in dash panel insert, steering column electronics control	1009
unit	
3. Multifunction buttons on left in steering wheel	1010
4. Multifunction buttons on right in steering wheel	1011
5. Driver side airbag igniter, driver side airbag igniter 2	1012
109 - Parking aid	1013-1017
1. Parking aid	1013
<ol> <li>Parking aid control unit, fuses</li> <li>Parking aid control unit, front parking aid sender</li> </ol>	1014 1015
ס. ד מותווע מע סטונוסו עוות. ווסות שמותווע מע סטועטו	1013

4. Parking aid control unit, rear parking aid sender	1016
5. Parking aid control unit, parking aid button	1017
110 - Preparation for mobile telephone with hands-free system	1018-1021
1. Preparation for mobile telephone with hands-free system	1018
2. Telephone aerial, fuse	1019
3. Radio and navigation system	1020
4. Telephone microphone, telephone bracket	1021
111 - Radio	1022-1030
1. Radio	1022
2. Voltage supply	1023
3. Front treble loudspeaker, front mid-range loudspeaker	1024
4. Front bass loudspeaker, rear loudspeaker	1025
5. Amplifier, internal loudspeaker, internal microphone - Bose	1026
6. Front bass loudspeaker, rear loudspeaker - Bose	1027
<ol><li>Front treble loudspeaker, front mid-range loudspeaker - Bose</li></ol>	1028
8. CD changer, iPod, USB connection	1029
9. Aerial module, infotainment CAN bus	1030
112 - 3.0 I - Turbo-diesel engine (150 kW - 6 cylinder) engine code BKN	1031-1042
1. 3.0 I - Turbo-diesel engine (150 kW - 6 cylinder) engine code BKN	1031
2. Voltage supply	1032
<ol><li>Fuel pump relay, engine control unit, terminal 30 voltage supply relay, fuses</li></ol>	1033
<ol><li>Accelerator position sender, automatic glow period control unit, engine glow plugs</li></ol>	1034
5. Charge air pressure sender, intake air temperature sender, brake light switch, clutch pedal	1035
switch	
6. Hall sender, throttle valve module	1036
7. Fuel pressure sender, fuel pressure regulating valve, fuel metering valve, intake manifold flap	1037
motor	
8. Engine speed sender, coolant temperature sender, air mass meter, fuel temperature sender	1038
9. Auxiliary air heater element, temperature sender before particulate filter, exhaust gas pressure	1039
sensor 1, exhaust gas temperature sender	
10. Lambda probe, injector cylinder 1 up to 6	1040
11. Automatic gearbox control unit, engine control unit, control unit in dash panel insert	1041
12. Control unit in dash panel insert, oil pressure switch, coolant shortage indicator switch, fuel	1042
gauge sender, oil level and oil temperature sender	
113 - 2.0 I - Turbo-diesel engine (100 kW - unit injectors - 4 cylinder), engine code BRF	1043-1053
1. 2.0 I - Turbo-diesel engine (100 kW - unit injectors - 4 cylinder), engine code BRF	1043
2. Battery, starter, alternator	1044
3. Fuel pump relay, engine control unit, terminal 30 voltage supply relay, fuses	1045
4. Accelerator position sender, automatic glow period control unit	1046
5. Charge air pressure sender, exhaust gas recirculation valve	1047
6. Hall sender, solenoid valves, intake manifold flap motor, heater element for crankcase breather,	1048
fuses	
7. Engine speed sender, coolant temperature sender, air mass meter, fuel temperature sender	1049
8. Exhaust gas temperature sender 1, exhaust gas pressure sensor 1, temperature sender before	1050
	1050
particulate filter, temperature sender after particulate filter, heat output relay	
9. Lambda probe, unit injectors valve, No. 1 up to 4 cyl.	1051
10. Automatic gearbox control unit, control unit in dash panel insert	1052
11. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender, oil level and oil	1053
temperature sender	
114 - Radiator fan control 350 W, 400 W or 600 W (diesel engine)	1054-1055
1. Radiator fan control 350 W, 400 W or 600 W (diesel engine)	1054
2. Battery, fuses, radiator fan control unit	1055
115 - 2.7 I - Turbo-diesel engine (132 kW - Common Rail - 6 cylinder), engine code BPP	1056-1068
1. 2.7 I - Turbo-diesel engine (132 kW - Common Rail - 6 cylinder), engine code BPP	1056
2. Battery, starter, ignition/starter switch	1057
3. Alternator, fuses	1058
4. Fuel pump relay, engine control unit, terminal 30 voltage supply relay, fuses	1059
5. Accelerator position sender, automatic glow period control unit, engine glow plugs	1060
6. Charge air pressure sender, intake air temperature sender, brake light switch, clutch pedal	1061
switch	
7. Hall sender, throttle valve module, turbocharger 1 control unit	1062
8. Fuel pressure sender, fuel pressure regulating valve, fuel metering valve, intake manifold flap	1063
motor	
	1064
9. Engine speed sender, coolant temperature sender, air mass meter, fuel temperature sender	1064
10. Temperature sender before particulate filter, exhaust gas temperature sender 2	1065
11. Lambda probe. iniectors cvlinder 1 up to 6	1066

12. Automatic gearbox control unit, control unit in dash panel insert	1067
13. Oil pressure switch, coolant shortage indicator sender, fuel gauge sender	1068
116 - 4.2 I - FSI - Fuel injection engine (309 kW - Motronic - 8 cylinder), engine codes BNS	1069-1092
1. 4.2 I - FSI - Fuel injection engine (309 kW - Motronic - 8 cylinder), engine codes BNS	1069
2. Voltage supply, fuses	1070
3. Engine control unit, engine component current supply relay, fuel pump control unit, fuses	1071
4. Starter motor relay	1072
5. Secondary air pump motor, vacuum pump for brakes, sport program button	1073
6. Starter button, clutch pedal switch for engine start, right electrohydraulic engine mounting	1074
solenoid valve, exhaust flap 1 valve	1014
7. Active charcoal filter system solenoid valve 1, secondary air inlet valve, fuel metering valve,	1075
intake manifold flap valve	1075
·	1076
8. Brake light switch, accelerator position sender, throttle valve module	1076
9. Knock sensors, Hall sender	1077
10. Hall sender, coolant temperature sender, fuel pressure sender, intake manifold flap	1078
potentiometer	4070
11. Engine speed sender, brake servo pressure sensor, fuel pressure sender for low pressure	1079
12. Air mass meter, inlet camshaft control, engine cooling	1080
13. Injectors cylinder 1 up to 4	1081
14. Lambda probes, lambda probe heating, lambda probe heating thermal fuse	1082
15. Ignition coils 1 up to 4, ignition coil thermal fuse	1083
16. Engine control unit, engine control unit fuse	1084
17. Engine control unit 2	1085
18. Ignition coils 5 up to 8	1086
19. Knock sensors 3 and 4, inlet camshaft control valve 2	1087
20. Hall senders 2 and 4, intake manifold flap potentiometer 2	1088
21. Lambda probes 2, left electrohydraulic engine mounting solenoid valve, fuel metering valve 2	1089
22. Injectors cylinder 5 up to 8	1090
23. Control unit in dash panel insert	1091
24. Oil pressure switch, coolant shortage indicator switch, fuel gauge sender, oil level and oil	1092
temperature sender	
117 - Radiator fan control 400 W, 700 W or 800 W (petrol engine)	1093-1095
1. Radiator fan control 400 W, 700 W or 800 W (petrol engine)	1093
2. Battery, fuses, radiator fan control unit	1094
3. Fuse, radiator fan control unit 2	1095
118 - Radio and navigation system RNS-E	1096-1108
1. Radio and navigation system RNS-E	1096
2. Fuse	1097
3. Front treble loudspeaker	1098
4. Front bass loudspeaker, rear loudspeaker	1098
5. Bose - amplifier	1100
•	
6. Bose - front bass loudspeaker, rear loudspeaker	1101 1102
7. Bose - front treble loudspeaker, front mid-range loudspeaker	
8. CD changer, iPod holder, USB connection retainer	1103
9. Satellite radio with CD changer, or iPod holder, or USB connection retainer	1104
10. Satellite radio with CD changer, or iPod holder, or USB connection retainer	1105
11. Navigation system tuner for TV	1106
12. Navigation system aerial	1107
13. Control unit in dash panel insert	1108
119 - Preparation for mobile telephone without hands-free system control unit (VDA interface)	1109-1111
1. Preparation for mobile telephone without hands-free system control unit (VDA interface)	1109
2. Fuses, 18-pin connector	1110
3. 18-pin connector	1111
120 - Preparation for mobile telephone with hands-free system	1112-1115
<ol> <li>Preparation for mobile telephone with hands-free system</li> </ol>	1112
2. Telephone aerial, fuse	1113
3. Radio and navigation system	1114
4. Telephone microphone, telephone bracket	1115
121 - Radio	1116-1127
1. Radio	1116
2. Radio, fuse in fuse holder	1117
3. Front treble loudspeaker, front mid-range loudspeaker	1118
4. Amplifier, front bass loudspeaker, rear loudspeaker	1119
5. Amplifier, internal loudspeaker, internal microphone - Bose	1120
6. Front bass loudspeaker, rear loudspeaker - Bose	1121
7. Front treble loudspeaker. front mid-range loudspeaker - Bose	1122

<ol> <li>8. CD changer, or iPod holder, or USB connection retainer</li> <li>9. Satellite radio with CD changer, or iPod holder, or USB connection retainer</li> <li>10. Satellite radio with CD changer, or iPod holder, or USB connection retainer</li> <li>11. Aerial module</li> <li>12. Control unit in dash panel insert, CAN bus</li> </ol>	1123 1124 1125 1126 1127
<ul> <li>122 - RS sport-steering wheel</li> <li>1. RS sport-steering wheel</li> <li>2. Ignition/starter switch, control unit in dash panel insert, steering column electronics control unit</li> </ul>	1128-1131 1128 1129
<ol> <li>Sport program button, multifunction buttons on left in steering wheel, multifunction buttons on right in steering wheel</li> </ol>	1130
4. Driver side airbag igniter, horn plate	1131
801Fitting locations: Earth points - 3 1. Earth points	1132-1142 1132-1142
1.1 Overview of earth points	1132-1142
1.2 Earth point, in engine compartment	1135-1138
1.3 Earth points, in interior	1139-1141
1.4 Earth point, in luggage compartment 802Fitting locations: Fuses - 3	1142 1143-1173
1. Fuses	1143-1173
1.1 Overview of fuses	1143-1145
1.2 Main fuse	1146
1.3 Position of fuses, coupling station of A-pillar	1147
1.3.2 Fuses:	1147 1148
1.4 Position of fuses, relay carrier (3-pin) 1.4.2 Fuses:	1148
1.5 Position of fuses, relay carrier (9-pin) with onboard supply control unit	1149
1.5.2 Fuses:	1149
1.6 Position of fuses, relay carrier (4-pin) with screw connection, up to October 2005	1150
<ul><li>1.6.2 Fuses:</li><li>1.7 Position of fuses, relay carrier (4-pin) with screw connection, from November 2005</li><li>1.7.2 Fuses:</li></ul>	1150 1151 1151
1.8 Position of fuses, relay carrier (4-pin), petrol engines, up to October 2005 1.8.2 Fuses:	1152 1152 1152
1.9 Position of fuses, relay carrier (4-pin), diesel engines, up to October 2005 1.9.2 Fuses:	1153 1153 1153
1.10 Position of fuses, relay carrier (4-pin), engine codes BRC, BPW, BRF, BRE, from November 2005 1.10.2 Fuses:	1154 1154 1154
1.11 Position of fuses, relay carrier (4-pin), engine codes BKN, ASB, BSG, BPP, from November 2005 1.11.2 Fuses:	1155 1155
1.12 Position of fuses, relay carrier (4-pin), engine codes BWE, BPG, BWT, from November 2005 1.12.2 Fuses:	1156 1156
1.13 Position of fuses, relay carrier (4-pin), engine code ALT 1.13.2 Fuses:	1157 1157
1.14 Position of fuses, relay carrier (4-pin), engine codes BFB, BBK, BHF, from November 2005 1.14.2 Fuses:	1158 1158
1.15 Position of fuses, relay carrier (4-pin), engine codes AUK, BKH, from November 2005 1.15.2 Fuses:	1159 1159
1.16 Position of fuses, relay carrier (4-pin), engine code BNS, from November 2005 1.16.2 Fuses:	1160 1160
1.17 Position of fuses, fuse holder, up to October 2005 1.17.2 Fuse colours	1161-1167 1161
1.17.3 Position of fuses, up to October 2005:	1162-1167
1.18 Position of fuses, fuse holder, from November 2005	1168-1173
1.18.2 Fuse colours 1.18.3 Fuses from November 2005	1168 1169-1173
803Fitting locations: Relay - 3	1174-1188
1. Relay	1174-1188
1.1 Overview of relay	1174-1175
1.2 Position of relays, relay carrier (3-pin)	1176
1.2.2 Position of relays: 1.3 Position of relays, relay carrier (9-pin) with onboard supply control unit, up to October 2005	1176 1177
1.3.2 Position of relays:	1177
1.4 Position of relays, relay carrier (9-pin) with onboard supply control unit, from November 2005	1178
1.4.2 Position of relays: 1.5 Position of relays. relav carrier (4-pin) with screw connection	1178 1179

1.5.2 Position of relays:	1179
1.6 Position of relays, relay carrier (4-pin), petrol engines, up to October 2005	1180
1.6.2 Position of relays: 1.7 Position of relays, relay carrier (4-pin), diesel engines, up to October 2005	1180 1181
1.7.2 Position of relays:	1181
1.8 Position of relays, relay carrier (4-pin), engine codes BRC, BPW, BRF, BRE, from November 2005	1182
1.8.2 Position of relays:	1182
1.9 Position of relays ,relay carrier (4-pin), engine codes BKN, ASB, BSG, BPP, from November 2005	1183
1.9.2 Position of relays:	1183
1.10 Position of relays, relay carrier (4-pin), engine codes BWE, BPG, BWT, from November 2005	1184
1.10.2 Position of relays:	1184
1.11 Position of relays, relay carrier (4-pin), engine code ALT, from November 2005	1185
1.11.2 Position of relays:	1185
1.12 Position of relays, relay carrier (4-pin), engine codes BFB, BBK, BHF, from November 2005 1.12.2 Position of relays:	1186 1186
1.13 Position of relays, relay carrier (4-pin), engine codes AUK, BKH, from November 2005	1187
1.13.2 Position of relays:	1187
1.14 Position of relays, relay carrier (4-pin), engine code BNS, from November 2005	1188
1.14.2 Position of relays:	1188
804Fitting locations: Control units in front part of vehicle - 3	1189-1202
1. Control units in front part of vehicle	1189-1202
1.1 Control units overview	1189-1191
1.2 Heated windscreen control unit -J505-	1192
1.3 Motronic control unit -J220-, diesel direct injection system control unit -J248-	1192
1.4 Automatic gearbox control unit -J217- 1.4.1 Location:	1193 1193
1.4.2 Location:	1193
1.5 ABS control unit -J104-	1194
1.6 Radiator fan control unit -J293-	1194
1.7 Fresh air blower control unit -J126-	1195
1.8 Headlight range control, control unit -J431-	1195
1.9 Steering column electronics control unit -J527-	1196
1.10 Display control unit in dash panel insert -J285-	1196
1.11 Airbag control unit -J234-	1197
1.12 Onboard power supply control unit -J519- 1.13 Navigation operating electronics control unit -J402-	1197 1198
1.13.1 Location:	1198
1.14 Radio -R-	1198
1.14.1 Location:	1198
1.15 Navigation system with CD drive control unit -J401-	1199
1.15.1 Location:	1199
1.15.2 Location:	1199
1.16 Control unit with display for radio and navigation system -J503-	1200
1.16.1 Location:	1200
1.17 CD changer -R41- 1.18 Convenience system central control unit -J393-	1200 1201
1.19 Telephone and telematics control unit, telematics -J526-	1201
1.19.1 Location:	1201
1.20 Driver door control unit -J386-	1202
1.21 Front passenger side door control unit -J387-	1202
805Fitting locations: Control units in rear part of vehicle - 3	1203-1205
1. Control units in rear part of vehicle	1203-1205
1.1 Control units overview	1203
1.2 Trailer detector control unit -J345-	1204 1204
1.3 Parking aid control unit -J446- 1.4 Convertible roof actuation control unit -J256-	1204
806Fitting locations: Coupling stations and connectors from wiring harness set - 3	1205-1213
1. Coupling stations and connectors from wiring harness set	1206-1213
1.1 Overview of coupling stations and connectors from wiring harness set	1206-1207
1.2 Coupling station on right of A-pillar	1208
1.2.2 Pin connectors:	1208
1.3 Coupling station seat wiring driver side	1209
1.3.2 Pin connectors:	1209
1.4 Coupling station seat wiring front passenger side 1.4.2 Pin connectors:	1209-1210 1209-1210
1.5 Coupling station on left of A-pillar	1209-1210

1.5.2 Pin connectors:	1211
1.6 Coupling station with screw connection, up to October 2005	1212
1.6.2 Pin connectors:	1212
1.7 Coupling station with screw connection, from November 2005	1213
1.7.2 Pin connectors:	1213