

| | |
|--|-------|
| 003 - Climatronic | 1-8 |
| 1. Climatronic | 1 |
| 2. Fresh air blower control unit, Climatronic relay, Climatronic control unit, Blower relay | 2 |
| 3. Climatronic control unit, Control unit for air conditioner compressor, Control unit for high-voltage battery charging unit, Electrical air conditioner compressor | 3 |
| 4. Climatronic control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit, Maintenance connector for high-voltage system | 4 |
| 5. High-pressure sender, Sunlight penetration photosensor, Rain and light sensor, Climatronic control unit, Onboard supply control unit | 5 |
| 6. Centre vent temperature sender, Footwell vent temperature sender, Climatronic control unit, Temperature flap control motor, Centre flap control motor | 6 |
| 7. Evaporator output temperature sender, Climatronic control unit, Air flow flap control motor, Defroster flap control motor, Air recirculation flap control motor | 7 |
| 8. Climatronic control unit | 8 |
| 005 - Earthing concept | 9-21 |
| 1. Earthing concept | 9 |
| 2. Earth point, on right in engine compartment, Earth connection 10, in main wiring harness | 10 |
| 3. Earth point, lower part of right A-pillar, Earth connection, in front passenger door wiring harness, Earth connection 17, in main wiring harness, Earth point, on right A-pillar, Earth point, on left A-pillar | 11 |
| 4. Earth point, lower part of left A-pillar, Earth point, on left of front cross member, Earth connection 1, in air conditioner compressor wiring harness, Earth connection 1, in main wiring harness, Earth connection 12, in main wiring harness, Earth connection 15, in main wiring harness, Earth connection 17, in main wiring harness | 12 |
| 5. Earth point, on centre of front cross member, Earth connection, in rear lid wiring harness, Earth connection 1, in air conditioner compressor wiring harness, Earth connection 11, in main wiring harness, Earth connection 18, in main wiring harness, Earth connection 21, in main wiring harness, Earth point, on top end of steering column, Earth point 1, on front of right longitudinal member, Earth point on front right of cross member | 13 |
| 6. Earth connection, in rear lid wiring harness, Earth connection 11, in main wiring harness, Earth connection 14, in main wiring harness | 14 |
| 7. Earth connection, in driver door wiring harness, Earth connection 14, in main wiring harness, Earth connection 19, in main wiring harness | 15 |
| 8. Steering column combination switch, Front camera for driver assist systems, Earth connection 13, in main wiring harness, Earth connection 19, in main wiring harness | 16 |
| 9. Earth connection 2, in engine compartment wiring harness, Earth connection 22, in main wiring harness, Earth connection 24, in main wiring harness, Earth connection 30, in main wiring harness, Earth point (audio), front below centre console, Earth point 1, on front of left longitudinal member, Earth point, at front, central in roof | 17 |
| 10. Earth connection 22, in main wiring harness, Earth connection 23, in main wiring harness, Earth connection 24, in main wiring harness | 18 |
| 11. Earth point 2, on front of left longitudinal member, Earth point 1, on right rear wheel housing, Earth point on front left of underbody, Earth point, on rear right of underbody | 19 |
| 12. Earth connection 20, in main wiring harness, Earth point 3, on front of left longitudinal member, Earth point, on left rear wheel housing | 20 |
| 13. Chip card reader control unit, Chip card reader unit | 21 |
| 008 - Anti-lock brake system (ABS) with electronic stabilisation program (ESP) | 22-26 |
| 1. Anti-lock brake system (ABS) with electronic stabilisation program (ESP) | 22 |
| 2. Rear right speed sensor, Front right speed sensor, Rear left speed sensor, Front left speed sensor, ABS control unit | 23 |
| 3. ABS control unit, Emergency braking function sensor unit | 24 |
| 4. Tyre Pressure Monitoring System button, Button for emergency braking function, Onboard supply control unit | 25 |
| 5. Brake fluid level warning contact, Parking brake contact switch, Control unit in dash panel insert, ABS warning lamp, Brake system warning lamp, Handbrake warning lamp, Warning lamp for electronic stabilisation program and TCS | 26 |
| 011 - Power assisted steering | 27-28 |
| 1. Power assisted steering | 27 |
| 2. Steering moment sender, Rotor position sender for active steering motor, Power steering control unit, Onboard supply control unit, Electromechanical power steering warning lamp, Electromechanical power steering motor | 28 |
| 013 - Parking aid (PDC) | 29-30 |
| 1. Parking aid (PDC) | 29 |
| 2. Rear left parking aid sender, Rear right parking aid sender, Rear centre parking aid sender, Rear parking aid warning buzzer, Parking aid control unit, Onboard supply control unit, Data bus diagnostic interface | 30 |

| | |
|---|-------|
| 014 - Seat heating | 31-33 |
| 1. Seat heating | 31 |
| 2. Heated front seats control unit, Heated seat cushion for driver seat, Heated backrest for driver seat, Heated seat cushion for front passenger seat, Heated backrest for front passenger seat | 32 |
| 3. Centre switch module in dash panel, Centre switch module 2 in dash panel, Button for left seat heating, Button for right seat heating, Onboard supply control unit, Data bus diagnostic interface, Heated front seats control unit | 33 |
| 016 - Data bus network | 34-41 |
| 1. Data bus network | 34 |
| 2. Onboard supply control unit, Fuse holder C, Diagnostic connection | 35 |
| 3. Seat occupied sensor on front passenger side, ABS control unit, Airbag control unit, Parking aid control unit, Onboard supply control unit, Brake servo control unit, Emergency braking function sensor unit, Brake system pressure accumulator | 36 |
| 4. High-voltage battery 1, Selector lever, Power steering control unit, Onboard supply control unit, Engine/motor control unit, Battery regulation control unit, Charge voltage control unit for high-voltage battery | 37 |
| 5. Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Onboard supply control unit, Engine sound generator control unit | 38 |
| 6. Onboard supply control unit, Chip card reader control unit, Emergency call module control unit and communication unit, Portable navigation and infotainment system, Radio | 39 |
| 7. Humidity sender for air conditioning system, Rain and light sensor, Fresh air blower control unit, Sliding sunroof adjustment control unit, Climatronic control unit, Battery monitor control unit, Onboard supply control unit, High-voltage heater (PTC) control unit, Electrical air conditioner compressor | 40 |
| 8. Control unit in dash panel insert, Onboard supply control unit, Dash panel insert, Front camera for driver assist systems | 41 |
| 017 - Engine sound generator , (GM2),(GM4) | 42-43 |
| 1. Engine sound generator , (GM2),(GM4) | 42 |
| 2. Engine sound generator control unit, Actuator 1 for engine sound generator | 43 |
| 022 - Multifunction steering wheel , (2ZH) | 44-46 |
| 1. Multifunction steering wheel , (2ZH) | 44 |
| 2. Steering column combination switch, Horn plate, Airbag control unit, Multifunction steering wheel control unit, Onboard supply control unit, Airbag igniter on driver side, Fuse holder C | 45 |
| 3. Multifunction buttons on left in steering wheel, Multifunction buttons on right in steering wheel, Multifunction steering wheel control unit | 46 |
| 023 - Radio system , (I6V) | 47-52 |
| 1. Radio system , (I6V) | 47 |
| 2. Onboard supply control unit, Radio, Fuse holder C | 48 |
| 3. Radio, Internal microphone | 49 |
| 4. Radio, Front left loudspeaker, Front left treble loudspeaker, USB connection 1 | 50 |
| 5. Radio, Front right loudspeaker, Rear left loudspeaker, Rear right loudspeaker, Front right treble loudspeaker | 51 |
| 6. Radio, Roof aerial, Radio aerial 2, Left aerial module | 52 |
| 024 - Reversing camera (Rear Assist) , (KA1) | 53-54 |
| 1. Reversing camera (Rear Assist) , (KA1) | 53 |
| 2. Onboard supply control unit, Radio, Reversing camera, Fuse holder C | 54 |
| 026 - Fuse assignment | 55-70 |
| 1. Fuse assignment | 55 |
| 2. Battery, Battery monitor control unit, Fuse holder A | 56 |
| 3. Steering column combination switch, Fuse holder A, Fuse holder B | 57 |
| 4. Fuse holder C | 58 |
| 5. Fuse holder C | 59 |
| 6. Fuse holder C | 60 |
| 7. Terminal 15 voltage supply relay, Terminal 75 voltage supply relay 1, Front camera for driver assist systems, Fuse holder C | 61 |
| 8. Charging unit 1 for high-voltage battery, Main relay, Fuse holder C | 62 |
| 9. Fuse holder C | 63 |
| 10. Fuse holder C, Relay and fuse carrier 1 | 64 |
| 11. Fuse holder C | 65 |
| 12. Fuse holder C | 66 |
| 13. Climatronic relay, Blower relay, Fuse holder D | 67 |
| 14. Rain and light sensor, Fuse holder D | 68 |
| 15. Heated windscreen relay, Heated windscreen relay 2, Fuse holder D, Heated windscreen | 69 |
| 16. Chip card reader control unit, Chip card reader unit, Fuse carrier 2 | 70 |
| 028 - Emergency call module , (EL1) | 71-72 |
| 1. Emergency call module . (EL1) | 71 |

| | |
|---|---------|
| 2. Onboard supply control unit, Emergency call module control unit and communication unit, Roof aerial, Fuse holder D | 72 |
| 029 - Basic equipment | 73-90 |
| 1. Basic equipment | 73 |
| 2. Fuse holder B, Fuse holder C | 74 |
| 3. Fuse holder C | 75 |
| 4. Onboard supply control unit, Fuse holder C, Fuse holder D | 76 |
| 5. Heated windscreen relay, Onboard supply control unit, Heated windscreen relay 2, Heated windscreen | 77 |
| 6. Onboard supply control unit, High-level brake light bulb, Rear window wiper motor, Heated rear window | 78 |
| 7. Steering column combination switch, Onboard supply control unit, Windscreen and rear window washer pump | 79 |
| 8. Turn signal switch, Steering column combination switch, Airbag coil connector and return ring with slip ring, Horn plate, Airbag control unit, Onboard supply control unit, Airbag igniter on driver side | 80 |
| 9. Steering column combination switch, Onboard supply control unit | 81 |
| 10. Rotary light switch, Onboard supply control unit, Front interior light, Luggage compartment light, Front passenger reading light, Driver side reading light | 82 |
| 11. Centre switch module 2 in dash panel, Hazard warning lights button, Wiper motor control unit, Onboard supply control unit | 83 |
| 12. Centre switch module in dash panel, Heated rear window button, Onboard supply control unit, Light conductor for front centre console background lighting, Light conductor for front passenger side background lighting, Light conductor for driver side background lighting | 84 |
| 13. Headlight range control regulator, Onboard supply control unit, Front left headlight, Left headlight range control motor | 85 |
| 14. Onboard supply control unit, Front right headlight, Right headlight range control motor | 86 |
| 15. Treble horn, Bass horn, Onboard supply control unit, Left number plate light, Right number plate light | 87 |
| 16. Onboard supply control unit, Rear left fog light bulb, Right tail light bulb, Left tail light cluster, Left tail light bulb, Right tail light cluster, Rear left turn signal bulb, Rear right turn signal bulb, Left brake light bulb, Right brake light bulb, Left reversing light bulb, Right reversing light bulb, Cigarette lighter | 88 |
| 17. Immobiliser reader coil, Control unit in dash panel insert, Onboard supply control unit, Dash panel insert | 89 |
| 18. Brake fluid level warning contact, Parking brake contact switch, Ambient temperature sensor, Coolant shortage indicator sender, Control unit in dash panel insert, Dash panel insert | 90 |
| 031 - Convenience system | 91-102 |
| 1. Convenience system | 91 |
| 2. Front passenger side central locking lock unit, Onboard supply control unit | 92 |
| 3. Driver side central locking lock unit, Onboard supply control unit | 93 |
| 4. Driver side interior locking button for central locking system, Driver side central locking lock unit, Onboard supply control unit, Central locking SAFELOCK function warning lamp | 94 |
| 5. Mirror adjustment switch, Onboard supply control unit | 95 |
| 6. Front passenger side central locking lock unit, Onboard supply control unit | 96 |
| 7. Driver side central locking lock unit, Onboard supply control unit | 97 |
| 8. Front right window regulator switch, Onboard supply control unit, Right window regulator motor | 98 |
| 9. Rear lid handle release button, Rear lid lock unit, Onboard supply control unit, Front interior light | 99 |
| 10. Rear left central locking lock unit, Rear right central locking lock unit, Onboard supply control unit | 100 |
| 11. Operating unit for window regulator in driver door, Rear right central locking lock unit, Onboard supply control unit, Left window regulator motor | 101 |
| 12. Operating unit for window regulator in driver door | 102 |
| 032 - High-voltage battery system | 103-128 |
| 1. High-voltage battery system | 103 |
| 2. High-voltage battery 1, Module monitor control unit for batteries, Battery module 0 | 104 |
| 3. High-voltage battery 1, Module monitor control unit for batteries, Battery module 1 | 105 |
| 4. High-voltage battery 1, Module monitor control unit for batteries, Battery module 2 | 106 |
| 5. High-voltage battery 1, Module monitor control unit for batteries, Battery module 3 | 107 |
| 6. High-voltage battery 1, Module monitor control unit for batteries, Battery module 4 | 108 |
| 7. High-voltage battery 1, Module monitor control unit for batteries, Battery module 5 | 109 |
| 8. High-voltage battery 1, Module monitor control unit for batteries, Battery module 6 | 110 |
| 9. High-voltage battery 1, Module monitor control unit for batteries, Battery module 7 | 111 |
| 10. High-voltage battery 1, Module monitor control unit for batteries, Battery module 8 | 112 |
| 11. High-voltage battery 1, Module monitor control unit for batteries, Battery module 9 | 113 |

| | |
|--|---------|
| 12. High-voltage battery 1, Module monitor control unit for batteries, Battery module 10 | 114 |
| 13. High-voltage battery 1, Module monitor control unit for batteries, Battery module 11 | 115 |
| 14. High-voltage battery 1, Module monitor control unit for batteries, Battery module 12 | 116 |
| 15. High-voltage battery 1, Module monitor control unit for batteries, Battery module 13 | 117 |
| 16. High-voltage battery 1, Module monitor control unit for batteries, Battery module 14 | 118 |
| 17. High-voltage battery 1, Module monitor control unit for batteries, Battery module 15 | 119 |
| 18. High-voltage battery 1, Module monitor control unit for batteries, Battery module 16 | 120 |
| 19. High-voltage battery 1, Module monitor control unit for batteries, Battery regulation control unit | 121 |
| 20. High-voltage battery 1, Battery regulation control unit, Precharge contactor for high-voltage battery, High-voltage battery power contactor 1, Protection resistor for high-voltage battery, Switching unit for high-voltage battery, High-voltage system fuse 1 | 122 |
| 21. High-voltage battery 1, Battery regulation control unit, DC charge contactor 1, DC charge contactor 2, High-voltage battery power contactor 1, Switching unit for high-voltage battery | 123 |
| 22. High-voltage battery 1, Current sensor for high-voltage battery, Battery regulation control unit, High-voltage battery power contactor 2, Switching unit for high-voltage battery | 124 |
| 23. High-voltage battery 1, Battery regulation control unit | 125 |
| 24. High-voltage battery 1, Battery regulation control unit | 126 |
| 25. High-voltage battery 1, Battery regulation control unit | 127 |
| 26. Fuse holder C, Maintenance connector for high-voltage system | 128 |
| 033 - Pilot line for high-voltage system | 129-131 |
| 1. Pilot line for high-voltage system | 129 |
| 2. Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, High-voltage heater (PTC) control unit, Maintenance connector for high-voltage system, Electric drive motor | 130 |
| 3. Battery regulation control unit, High-voltage battery charging connection 1, High-voltage battery charging connection 2 | 131 |
| 034 - Airbag systems , (4UF) | 132-141 |
| 1. Airbag systems , (4UF) | 132 |
| 2. Key-operated switch to deactivate airbag on front passenger side, Airbag control unit, Onboard supply control unit, Data bus diagnostic interface, Fuse holder C, Diagnostic connection | 133 |
| 3. Airbag control unit, Airbag igniter 1 on front passenger side, Side airbag igniter on driver side, Side airbag igniter on front passenger side | 134 |
| 4. Steering column combination switch, Airbag control unit, Warning lamp for airbag deactivated on front passenger side, Airbag igniter on driver side, Driver seat belt tensioner igniter 1, Front passenger seat belt tensioner igniter 1 | 135 |
| 5. Driver side belt switch, Front passenger side belt switch, Seat occupied sensor on front passenger side, Front airbag crash sensor for driver side, Airbag control unit | 136 |
| 6. Side airbag crash sensor on driver side, Side airbag crash sensor on front passenger side, Airbag control unit, Driver side curtain airbag igniter, Front passenger side curtain airbag igniter | 137 |
| 7. Rear side airbag crash sensor on driver side, Rear side airbag crash sensor on passenger side, Airbag control unit, Rear belt tensioner igniter on driver side | 138 |
| 8. Rear belt switch, driver side, Airbag control unit, Rear belt tensioner igniter on passenger side | 139 |
| 9. Rear belt switch, passenger side, Rear seat occupied sensor on driver side, Airbag control unit | 140 |
| 10. Rear seat occupied sensor on passenger side | 141 |
| 035 - Electric drive system , EBMA | 142-170 |
| 1. Electric drive system , EBMA | 142 |
| 2. Battery, Battery monitor control unit, Fuse holder A, Fuse holder B | 143 |
| 3. Fuse holder C | 144 |
| 4. Main relay, Fuse holder C | 145 |
| 5. Ignition/starter switch, Bonnet contact switch, Onboard supply control unit, Ignition key withdrawal lock solenoid valve | 146 |
| 6. Onboard supply control unit | 147 |
| 7. Coupling point in engine compartment, left | 148 |
| 8. Power and control electronics for electric drive, Electric drive control unit, Coupling point in engine compartment, left, Electric drive motor | 149 |
| 9. Power and control electronics for electric drive, Electric drive control unit, Electric drive motor | 150 |
| 10. Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, High-voltage heater (PTC) control unit, Control unit for high-voltage battery charging unit | 151 |
| 11. Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit, Control unit for air conditioner compressor, Control unit for high-voltage battery charging unit, Electrical air conditioner compressor | 152 |
| 12. Charging unit 1 for high-voltage battery, Power and control electronics for electric drive, Electric drive control unit. Control unit for high-voltage battery charging unit | 153 |

| | |
|---|---------|
| 13. Power and control electronics for electric drive, Electric drive control unit, Coupling point in engine compartment, left, Maintenance connector for high-voltage system | 154 |
| 14. Coupling point in engine compartment, left | 155 |
| 15. High-voltage battery 1, Battery regulation control unit | 156 |
| 16. High-voltage battery 1, Battery regulation control unit | 157 |
| 17. High-voltage battery 1, Battery regulation control unit, High-voltage battery charging socket 1 | 158 |
| 18. Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1 | 159 |
| 19. Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1 | 160 |
| 20. Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1 | 161 |
| 21. Charge voltage control unit for high-voltage battery, High-voltage battery charging socket 1 | 162 |
| 22. Switch module 1 in centre console, Charge voltage control unit for high-voltage battery | 163 |
| 23. Engine/motor control unit, Charge voltage control unit for high-voltage battery | 164 |
| 24. Accelerator pedal module, Engine/motor control unit, Radiator fan | 165 |
| 25. Cruise control system switch, Cruise control system (CCS) SET button, Steering column combination switch, Temperature sender after electric drive motor, Engine/motor control unit, Coolant pump for high-temperature circuit, Coolant circulation pump before power and control electronics for electric drive | 166 |
| 26. Brake servo control unit, Brake system pressure accumulator | 167 |
| 27. Brake fluid level warning contact, Brake pedal position sender, Brake servo control unit | 168 |
| 28. Selector lever, Selector lever position display | 169 |
| 29. Speedometer, Charge level display, Operating range display, Multifunction indicator, Control unit in dash panel insert, Dash panel insert | 170 |
| 036 - Front camera for driver assist systems , (QK1) | 171-172 |
| 1. Front camera for driver assist systems , (QK1) | 171 |
| 2. Onboard supply control unit, Data bus diagnostic interface, Front camera for driver assist systems, Fuse holder C, Windscreen heater for front sensors | 172 |
| 037 - High-voltage battery system | 173-195 |
| 1. High-voltage battery system | 173 |
| 2. High-voltage battery 1, Module monitor control unit for batteries, Battery module 1 | 174 |
| 3. High-voltage battery 1, Module monitor control unit for batteries, Battery module 2 | 175 |
| 4. High-voltage battery 1, Module monitor control unit for batteries, Battery module 3 | 176 |
| 5. High-voltage battery 1, Module monitor control unit for batteries, Battery module 4 | 177 |
| 6. High-voltage battery 1, Module monitor control unit for batteries, Battery module 5 | 178 |
| 7. High-voltage battery 1, Module monitor control unit for batteries, Battery module 6 | 179 |
| 8. High-voltage battery 1, Module monitor control unit for batteries, Battery module 7 | 180 |
| 9. High-voltage battery 1, Module monitor control unit for batteries, Battery module 8 | 181 |
| 10. High-voltage battery 1, Module monitor control unit for batteries, Battery module 9 | 182 |
| 11. High-voltage battery 1, Module monitor control unit for batteries, Battery module 10 | 183 |
| 12. High-voltage battery 1, Module monitor control unit for batteries, Battery module 11 | 184 |
| 13. High-voltage battery 1, Module monitor control unit for batteries, Battery module 12 | 185 |
| 14. High-voltage battery 1, Module monitor control unit for batteries, Battery module 13 | 186 |
| 15. High-voltage battery 1, Module monitor control unit for batteries, Battery module 14 | 187 |
| 16. High-voltage battery 1, Module monitor control unit for batteries, Battery regulation control unit | 188 |
| 17. High-voltage battery 1, Battery regulation control unit, Precharge contactor for high-voltage battery, High-voltage battery power contactor 1, Protection resistor for high-voltage battery, Switching unit for high-voltage battery, High-voltage system fuse 1 | 189 |
| 18. High-voltage battery 1, Battery regulation control unit, DC charge contactor 1, DC charge contactor 2, High-voltage battery power contactor 1, Switching unit for high-voltage battery | 190 |
| 19. High-voltage battery 1, Current sensor for high-voltage battery, Battery regulation control unit, High-voltage battery power contactor 2, Switching unit for high-voltage battery | 191 |
| 20. High-voltage battery 1, Battery regulation control unit | 192 |
| 21. High-voltage battery 1, Battery regulation control unit | 193 |
| 22. High-voltage battery 1, Battery regulation control unit | 194 |
| 23. Fuse holder C, Maintenance connector for high-voltage system | 195 |
| 038 - Electronic logbook, chip card reader unit , (F0Q),(L0L) | 196-198 |
| 1. Electronic logbook, chip card reader unit , (F0Q),(L0L) | 196 |
| 2. Chip card reader control unit, Chip card reader unit, Fuse carrier 2 | 197 |
| 3. Onboard supply control unit, Chip card reader control unit | 198 |
| 039 - Fuse assignment | 199-218 |
| 1. Fuse assignment | 199 |
| 2. Battery, Battery monitor control unit, Fuse holder A | 200 |
| 3. Steering column combination switch, Fuse holder A, Fuse holder B | 201 |
| 4. Fuse holder C | 202 |
| 5. Fuse holder C | 203 |
| 6. Front camera for driver assist svstems. Fuse holder C | 204 |

| | |
|---|---------|
| 7. Terminal 15 voltage supply relay, Terminal 75 voltage supply relay 1, Fuse holder C | 205 |
| 8. Main relay, Fuse holder C | 206 |
| 9. Fuse holder C | 207 |
| 10. Fuse holder C | 208 |
| 11. Charging unit 1 for high-voltage battery, Fuse holder C | 209 |
| 12. Fuse holder C | 210 |
| 13. Fuse holder C | 211 |
| 14. Fuse holder C | 212 |
| 15. Climatronic relay, Blower relay, Fuse holder D | 213 |
| 16. Rain and light sensor, Fuse holder D | 214 |
| 17. Heated windscreen relay, Heated windscreen relay 2, Fuse holder D, Heated windscreen | 215 |
| 18. Chip card reader control unit, Chip card reader unit, Fuse carrier 2 | 216 |
| 19. Onboard supply control unit | 217 |
| 20. Onboard supply control unit | 218 |
| 801 - -Fitting locations: Earth points - 3 | 219-223 |
| 1. Earth points | 219-223 |
| 1.1 Overview of earth points | 219-223 |
| 802 - -Fitting locations: Fuses - 3 | 224-236 |
| 1. Fuses | 224-236 |
| 1.1 Overview of the fuses | 224-225 |
| 1.2 Fitting location Fuse holder A -SA- | 226 |
| 1.3 Fuse assignment Fuse holder A -SA-, from November 2019 | 227 |
| 1.4 Fitting location Fuse holder B -SB- | 227 |
| 1.5 Fuse assignment Fuse holder B -SB-, from November 2019 | 228 |
| 1.6 Fitting position Fuse holder C -SC- | 229-231 |
| 1.6.1 Fitting position Fuse holder C -SC-, LHD | 229-230 |
| 1.6.2 Fitting position Fuse holder C -SC-, RHD | 231 |
| 1.7 Fuse assignment Fuse holder C -SC-, from November 2019 onwards | 232-233 |
| 1.8 Fitting location Fuse holder D -SD- | 234 |
| 1.9 Fuse assignment Fuse holder D -SD-, from November 2019 | 235-236 |
| 803 - -Fitting locations: Relay - 3 | 237-240 |
| 1. Relay | 237-240 |
| 1.1 Overview of the relay carrier | 237-238 |
| 1.2 Fitting position and relay assignment Relay and fuse holder 1 -SR1- | 239-240 |
| 1.2.1 Fitting position and relay assignment Relay and fuse holder 1 -SR1-, left-hand drive, from November 2019 | 239 |
| 1.2.2 Fitting position and relay assignment Relay and fuse holder 1 -SR1-, right-hand drive, from November 2019 | 240 |
| 804 - -Fitting locations: Control units in the front part of the vehicle - 3 | 241-262 |
| 1. Control units in the front part of the vehicle | 241-262 |
| 1.1 Overview of the control units | 241 |
| 1.2 Power and control electronics for electric drive -JX1- | 242 |
| 1.3 Engine control unit -J623- | 243-244 |
| 1.4 Brake booster control unit -J539-, left-hand drive | 245 |
| 1.5 Brake booster control unit -J539-, right-hand drive | 246-247 |
| 1.6 Control unit for wiper motor -J400-, left-hand drive | 248-249 |
| 1.7 Control unit for wiper motor -J400-, right-hand drive | 250 |
| 1.8 ABS control unit -J104- | 251-252 |
| 1.9 High-voltage heater (PTC) -Z115- | 253-254 |
| 1.10 Charger 1 for high-voltage battery -AX4-, with 28-pin connector -T28- | 255-256 |
| 1.11 Charger 1 for high-voltage battery -AX4-, with 60-pin connector -T60- | 257-259 |
| 1.12 Control unit for air conditioning compressor -J842- | 260-262 |
| 805 - -Fitting locations: Control units in the middle part of the vehicle - 3 | 263-301 |
| 1. Control units in the middle part of the vehicle | 263-301 |
| 1.1 Overview of the control units | 263 |
| 1.2 Radio -R- | 264-266 |
| 1.3 Portable navigation and infotainment system -J982- | 267-268 |
| 1.4 Front camera for driver assistance systems -R242- | 269-270 |
| 1.5 Climatronic control unit -J255- | 271-272 |
| 1.6 Control unit in dash panel insert -J285- | 273-274 |
| 1.7 Steering column electronics control unit -J527- | 275-276 |
| 1.8 Battery regulation control unit -J840- | 277 |
| 1.9 Switching unit for high-voltage battery -SX6- | 278 |
| 1.10 Module monitor control unit for batteries -J497- | 279 |
| 1.11 Charge voltage control unit for high-voltage battery -J966- | 280-281 |
| 1.12 Engine sound generator control unit -J943- | 282-283 |

| | |
|---|---------|
| 1.13 Onboard supply control unit -J519- | 284-288 |
| 1.13.1 Network control unit -J519-, Left-hand drive | 284-285 |
| 1.13.2 Network control unit -J519-, right-hand drive | 286 |
| 1.13.3 Onboard supply control unit -J519- | 287-288 |
| 1.14 Control unit for emergency call module and communication unit -J949- | 289-290 |
| 1.15 Heated front seat control unit -J774-, left-hand drive | 291-292 |
| 1.16 Heated front seat control unit -J774-, right-hand drive | 293-294 |
| 1.17 Airbag control unit -J234- | 295-296 |
| 1.18 Ppower steering control unit -J500-, left-hand drive | 297 |
| 1.19 Power steering control unit -J500-, right-hand drive | 298-299 |
| 1.20 Fresh air blower control unit -J126- | 300-301 |
| 806 - -Fitting locations: Control units in the rear part of the vehicle - 3 | 302-307 |
| 1. Control units in the rear part of the vehicle | 302-307 |
| 1.1 Overview of control units in the rear part of the vehicle | 302 |
| 1.2 Sliding sunroof control unit -J245- | 303 |
| 1.3 Rear window wiper motor -V12- | 304-305 |
| 1.4 Control unit for the parking aid -J446- | 306-307 |
| 807 - -Fitting locations: Separation points - 3 | 308-330 |
| 1. Separation points | 308-330 |
| 1.1 Coupling point in engine compartment, left -TML- | 308-309 |
| 1.2 Coupling point in right engine compartment -TMR-, right-hand drive | 310 |
| 1.3 Coupling point on the charging socket in the engine compartment -TMM-, right-hand drive | 311 |
| 1.4 Coupling point on engine, bottom right -TMUR- | 312 |
| 1.5 Coupling point in interior, bottom right -TIUR-, right-hand drive | 313 |
| 1.6 Coupling point on front right door -TTVR- | 314-315 |
| 1.7 Coupling point for roof -TH- | 316 |
| 1.8 Coupling point for front right seat -TSVR- | 317-318 |
| 1.8.1 Coupling point for front right seat -TSVR-, left-hand drive | 317 |
| 1.8.2 Coupling point for front right seat -TSVR-, right-hand drive | 318 |
| 1.9 Coupling point for front left seat -TSVL- | 319-320 |
| 1.9.1 Coupling point for front left seat -TSVL-, left-hand drive | 319 |
| 1.9.2 Coupling point for front left seat -TSVL-, right-hand drive | 320 |
| 1.10 Diagnostic connection -U31- | 321-322 |
| 1.10.1 Connection for diagnostics -U31-, left-hand drive | 321 |
| 1.10.2 Connection for diagnostics -U31-, right-hand drive | 322 |
| 1.11 Coupling point on front left door -TTVL- | 323 |
| 1.12 Coupling point on rear left door -TTHL- | 324 |
| 1.13 Coupling point on rear right door -TTHR- | 325 |
| 1.14 Coupling point on rear tailgate -THK- | 326-328 |
| 1.14.1 Coupling point on rear tailgate -THK- | 326 |
| 1.14.2 Coupling point for rear lid -THK- | 326 |
| 1.14.3 Coupling point for rear lid -THK- | 327-328 |
| 1.15 Coupling point on rear left bumper -TSFHL- | 329 |
| 1.16 Coupling point in rear right charging socket -TCR- | 330 |