Circuit Diagram Manual

GAC AION NEW ENERGY AUTOMOBILE CO., LTD.

Table of Contents

1. Circuit Reading Instructions
1.1 Circuit diagram example and description 9
1.2 Circuit diagnosis and repair procedure 13
1.3 Troubleshooting and repair 14
1.4 Electric component symbols 16

2. Electrical Box
2.1 Distribution of fuses in the positive terminal electrical box 18
2.2 Distribution of fuses in the front body electrical box 18
2.3 Distribution of fuses in the instrument panel electrical box 20

3. Circuit Diagram of Power Supply
3.1 Positive terminal electrical box power circuit 22
3.2 Front body electrical box power circuit 1 23
3.3 Front body electrical box power circuit 2 24
3.4 Instrument panel electrical box power circuit 1 25
3.5 Instrument panel electrical box power circuit 2 26

4. System Circuit Diagram
4.1 High-voltage power circuit (European standard) 27
4.2 High-voltage power circuit (National standard) 28
4.3 Battery management and fast charging system (European standard) 29
4.4 Battery management and fast charging system (National standard) 30
4.5 Integrated electric drive assembly (XOF) 3 (European standard) 31
4.6 Integrated electric drive assembly (XOF) (National standard) 32
4.7 Integrated TGW system 33
4.8 HVAC ventilation system 1 34
4.9 HVAC ventilation system 2 35
4.10 HVAC ventilation system 3 36
4.11 AV entertainment system 1 37
4.12 AV entertainment system 2 38
4.13 AV entertainment system 3 39
4.14 High and low beam 40
4.15 Manual headlamp leveling 41
4.16 Daytime running lamp 42
4.17 Rear fog lamp 43
4.18 Reverse lamp and anti-glare interior mirror 44
4.19 Brake lamp 45
4.20 Steering and hazard warning lamp 46
4.21 Indoor lamp 47
4.22 Lamp and backlight system 1 48
4.23 Lamp and backlight system 2 49
4.24 Intelligent ambient light 50
4.25 Power rearview mirror 1 51
4.26 Power rearview mirror 2 52
4.27 Power window 53
4.28 Auto-sensing wiper 54
4.29 Central locking 1 55
4.30 Central locking 2 56
4.31 Main driver power seat (Middle Configuration) 57
4.32 Main driver power seat (High Configuration) 1 58
4.33 Main driver power seat (High Configuration) 2 59
4.34 Front passenger power seat (Middle Configuration) 60
4.35 Front passenger power seat (High Configuration) 1 61
4.36 Front passenger power seat (High Configuration) 2 62
4.37 Rear seat 63
4.38 Supplemental restraint system (SRS) 1 64
4.39 Supplemental restraint system (SRS) 2 65
4.40 Horn 66
4.41 Combination switch and clock spring assembly 67
4.42 Reversing parking aid (RPA) 68
4.43 Blind spot detection (BSD) 69
4.44 Lane departure and medium range radar (MRR) 70
4.45 Occupancy monitoring system 71
4.46 USB and 12V power supply 72
4.47 Mobile phone wireless charging 73
4.48 Vehicle control system 74
4.49 OBD diagnostic system 75

4.50 OBD-EV diagnostic system 76
4.51 OBD-TEST diagnostic system 77
4.52 BCAN communication system 78
4.53 DCAN communication system 79
4.54 ECAN communication system 80
4.55 PCAN communication system 81
4.56 ACANFD communication system 82
4.57 TCANFD communication system 83
4.58 LIN communication system 1 84
4.59 LIN communication system 2 85
4.60 T-BOX 86
4.61 Keyless start/smart entry system 1 87
4.62 Keyless start/smart entry system 2 88
4.63 Charging GWM 89
4.64 Gateway system (Ethernet) 90
4.65 Integrated brake control system 91
4.66 EPB control system 92
4.67 Electric power steering (EPS) 93
4.68 Power liftgate (PLG) system 94
4.69 Electric sunshade 95
4.70 Active air intake grille 96

5. Harness Connector Location Figure

5.1 Front bumper harness 97
5.2 Front body harness 1 98
5.3 Front body harness 2 99
5.4 Front body harness II 100
5.5 Body wiring harness 1 101
5.6 Body wiring harness 2 102
5.7 Instrument panel harness 1 103
5.8 Instrument panel harness 2 104
5.9 Sub-instrument panel harness 105
5.10 Chassis wiring harness 106
5.11 Left front door harness 107
5.12 Right front door harness 108
5.13 Left rear door harness 109
5.14 Right rear door harness 110
5.15 Rear bumper harness 111
5.16 Trunk lug harness 112
5.17 Charge socket harness 113
5.18 High-voltage harness 114
5.19 Grounding harness 115

6. Harness Grounding Location Figure

6.1 Grounding location of front body harness 116
6.2 Grounding location of front body harness II 117
6.3 Grounding location of instrument panel harness 118
6.4 Grounding location of body wiring harness 119
6.5 Grounding location of charge socket harness 120
6.6 Grounding location of grounding harness 121

7. Connector Information

7.1 FP01 connector to front body harness 1 122
7.2 FP02 connector to front body harness 2 122
7.3 FP11 connector to external air temperature sensor 123
7.4 FP12 connector to MRR 123
7.5 FP13 connector to front left reversing radar sensor 123
7.6 FP14 connector to front left center reversing radar sensor 124
7.7 FP15 connector to front right center reversing radar sensor 124
7.8 FP16 connector to front right reversing radar sensor 124
7.9 FB01 connector to front bumper harness 1 124
7.10 FB02 connector to front bumper harness 2 125
7.11 FB04 connector to front body harness II 2 125
7.12 FB05 connector to charge socket harness 126
7.13 FB08 connector to body wiring harness 1 127
7.14 FB09 connector to body wiring harness 2 127
7.15 FB10 connector to body wiring harness 3 128
7.16 FB12 connector to instrument panel harness 1 128
7.17 FB13 connector to instrument panel harness 2 129
7.18 FB14 connector to instrument panel harness 3 129
7.19 FB15 connector to instrument panel harness 4 130
7.20 FB16 connector to instrument panel harness 5 130
7.21 FB17 connector to instrument panel harness 6 131
7.22 FB18 connector to instrument panel harness 131

7.23 FB19 connector to left electric horn+ 131
7.24 FB20 connector to left electric horn- 132
7.25 FB21 connector to engine hood latch 132
7.26 FB22 connector to right electric horn+ 132
7.27 FB23 connector to right electric horn- 132
7.28 FB24 connector to front around view parking camera 133
7.29 FB25 connector to pedestrian beeper speaker 133
7.30 FB26 connector to lower active air intake grille 133
7.31 FB27 connector to electronic fan 133
7.32 FB30 connector to charging inlet lock 134
7.33 FB31 connector to right front inline wheel speed sensor 134
7.34 FB32 connector to left front inline wheel speed sensor 134
7.35 FB33 connector to left front impact sensor 135
7.36 FB34 connector to right front impact sensor 135
7.37 FB35 connector to positive terminal electrical box 2 135
7.38 FB36 connector to positive terminal electrical box 3 135
7.39 FB37 connector to front windshield washing motor 136
7.40 FB38 connector to right front combination lamp 136
7.41 FB39 connector to left front combination lamp 136
7.42 FB40 connector to external condenser outlet refrigerant temperature sensor 137
7.43 FB41 connector to VCU 1 137
7.44 FB42 connector to VCU 2 138
7.45 FB43 connector to thermal management integration module 1 139
7.46 FB44 connector to thermal management integration module 2 140
7.47 FB45 connector to battery pack box (Rechargeable) 141
7.48 FB46 connector to cooler electronic expansion valve 141
7.49 FB47 connector to integrated brake control unit 142
7.50 FB48 connector to front wiper motor 143
7.51 FB49 connector to brake fluid level switch 143
7.52 FB50 connector to internal condenser outlet refrigerant temperature sensor 143
7.53 FB51 connector to integrated BCM 1 143
7.54 FB52 connector to brake lamp switch 144
7.55 FB53 connector to accelerator pedal assembly 145
7.56 FB57 connector to front body harness 2 145
7.57 FB58 connector to integrated electric drive assembly 1 146
7.58 FB60 connector to integrated electric drive assembly (XOF motor) 2 146
7.59 FB62 connector to integrated electric drive assembly (XOF motor) 3 147
7.60 FB63 connector to compressor outlet refrigerant temperature sensor 147
7.61 FB64 connector to A/C compressor assembly 147
7.62 FB66 connector to battery sensor 148
7.63 FB68 connector to positive terminal electrical box (XOF motor) 1 148
7.64 FB69 connector to positive terminal electrical box 4 148
7.65 FB70 connector to positive terminal electrical box 6 148
7.66 FB71 connector to front body electrical box 149
7.67 FB72 connector to charging GWM 149
7.68 IP01 connector to front body harness 1 149
7.69 IP02 connector to front body harness 2 150
7.70 IP03 connector to front body harness 3 150
7.71 IP04 connector to front body harness 4 151
7.72 IP05 connector to front body harness 5 151
7.73 IP06 connector to front body harness 6 152
7.74 IP07 connector to front body harness 152
7.75 IP08 connector to body wiring harness 1 152
7.76 IP09 connector to body wiring harness 2 153
7.77 IP10 connector to body wiring harness 3 153
7.78 IP11 connector to body wiring harness 4 154
7.79 IP12 connector to body wiring harness 5 155
7.80 IP13 connector to body wiring harness 6 155
7.81 IP14 connector to body wiring harness 7 156
7.82 IP15 connector to body wiring harness 8 156
7.83 IP16 connector to body wiring harness 157
7.84 IP18 connector to body wiring harness 157
7.85 IP19 connector to body wiring harness 157
7.86 IP20 connector to body wiring harness 157
7.87 IP21 connector to left front door harness 158
7.88 IP22 connector to left front door harness 158
7.89 IP23 connector to right front door harness 159
7.90 IP24 connector to A/C transition harness 159
7.91 IP25 connector to DLC (OBD) 160
7.92 IP26 connector to EPS column 1 160
7.93 IP27 connector to EPS column 2 161
7.94 IP28 connector to PM2.5 sensor 161
7.95 IP29 connector to ICM display 1 161
7.96 IP30 connector to ICM display 2 162

7.97 IP31 connector to combination switch and clock spring assembly 1 162
7.98 IP32 connector to combination switch and clock spring assembly 2 163
7.99 IP33 connector to combination switch and clock spring assembly 3 163
7.100 IP35 connector to instrument panel midrange loudspeaker 163
7.101 IP36 connector to interior temperature sensor 164
7.102 IP37 connector to main driver's side footwell light 164
7.103 IP38 connector to USB1.0 164
7.104 IP41 connector to USB_TYPE_C 165
7.105 IP42 connector to touch control panel 1 165
7.106 IP43 connector to touch control panel 2 165
7.107 IP44 connector to front 12V power supply 166
7.108 IP46 connector to instrument panel right ambient lamp 2 166
7.109 IP47 connector to intelligent multimedia vehicle host 1 166
7.110 IP48 connector to intelligent multimedia vehicle host 2 167
7.111 IP50 connector to intelligent multimedia vehicle host 4 167
7.112 IP51 connector to intelligent multimedia vehicle host 5 168
7.113 IP52 connector to intelligent multimedia vehicle host 6 168
7.114 IP53 connector to intelligent multimedia vehicle host 7 168
7.115 IP54 connector to intelligent multimedia vehicle host 8 169
7.116 IP55 connector to intelligent multimedia vehicle host 9 169
7.117 IP56 connector to intelligent multimedia vehicle host 10 170
7.118 IP58 connector to front passenger side footwell light 170
7.119 IP59 connector to front passenger airbag 171
7.120 IP60 connector to GWM (Ethernet) 1 171
7.121 IP61 connector to GWM (Ethernet) 2 172
7.122 IP63 connector to T-BOX1 172
7.123 IP65 connector to T-BOX3 173
7.124 IP66 connector to T-BOX4 173
7.125 IP68 connector to DLC (OBD-TEST) 173
7.126 IP70 connector to intelligent multimedia vehicle host 12 174
7.127 IP71 connector to body harness 174
7.128 IP72 connector to body harness 175
7.129 IP73 connector to T-BOX6 175
7.130 BD01 connector to front body harness 1 175
7.131 BD02 connector to front body harness 2 176
7.132 BD03 connector to front body harness 3 177
7.133 BD05 connector to instrument panel harness 1 177
7.134 BD06 connector to instrument panel harness 2 178
7.135 BD07 connector to instrument panel harness 3 178
7.136 BD08 connector to instrument panel harness 4 179
7.137 BD09 connector to instrument panel harness 5 179
7.138 BD10 connector to instrument panel harness 6 180
7.139 BD11 connector to instrument panel harness 7 180
7.140 BD12 connector to instrument panel harness 8 181
7.141 BD13 connector to instrument panel harness 181
7.142 BD14 connector to instrument panel harness 181
7.143 BD15 connector to instrument panel harness 182
7.144 BD16 connector to instrument panel harness 182
7.145 BD18 connector to sub-instrument panel harness 182
7.146 BD21 connector to right front door harness 1 183
7.147 BD22 connector to right front door harness 2 184
7.148 BD24 connector to left front door harness 184
7.149 BD26 connector to right rear door harness 185
7.150 BD27 connector to left rear door harness 186
7.151 BD28 connector to chassis wiring harness I 186
7.152 BD29 connector to chassis wiring harness II 187
7.153 BD30 connector to rear bumper harness 187
7.154 BD31 connector to trunk lug harness 188
7.155 BD32 connector to trunk lug harness 188
7.156 BD33 connector to trunk lug harness 189
7.157 BD35 connector to trunk lug harness 189
7.158 BD36 connector to lane departure warning ECU 189
7.159 BD39 connector to interior mirror 190
7.160 BD41 connector to RLS 190
7.161 BD45 connector to right makeup light 190
7.162 BD46 connector to left makeup light 191
7.163 BD47 connector to front headlights 191
7.164 BD48 connector to right front tweeter 192
7.165 BD49 connector to left front tweeter 192
7.166 BD50 connector to driver status monitoring camera 192
7.167 BD51 connector to airbag electronic control unit 1 192
7.168 BD52 connector to airbag electronic control unit 2 193
7.169 BD55 connector to integrated BCM 2 194
7.170 BD56 connector to integrated BCM 3 194

7.171 BD57 connector to integrated BCM 4 195
7.172 BD58 connector to front passenger seat 196
7.173 BD59 connector to main driver seat 197
7.174 BD64 connector to right side airbag 198
7.175 BD65 connector to front center airbag 198
7.176 BD66 connector to left side airbag 198
7.177 BD77 connector to right front seat belt pretensioner 199
7.178 BD78 connector to left front seat belt pretensioner 199
7.179 BD79 connector to right B pillar side impact sensor 199
7.180 BD80 connector to left B pillar side impact sensor 199
7.181 BD81 connector to rear seat 200
7.182 BD82 connector to interior detection antenna 3 200
7.183 BD83 connector to second row right rear seat belt buckle 200
7.184 BD84 connector to second row left rear seat belt buckle 201
7.185 BD85 connector to second row center seat belt buckle 201
7.186 BD86 connector to right rear combination lamp 201
7.187 BD87 connector to left rear combination lamp 201
7.188 BD88 connector to trunk lamp 202
7.189 BD89 connector to PLG module 1 202
7.190 BD90 connector to PLG module 2 203
7.191 BD91 connector to trunk 12V power supply 203
7.192 BD92 connector to EPB control unit 203
7.193 BD93 connector to right rear seat belt pretensioner 204
7.194 BD94 connector to left rear seat belt pretensioner 204
7.195 BD95 connector to electric sunshade 205
7.196 BD96 connector to PLG drive rod 205
7.197 BD97 connector to right side air curtain 206
7.198 BD98 connector to left side air curtain 206
7.199 BD99 connector to right rear headlight 206
7.200 BD100 connector to left rear headlight 206
7.201 BD101 connector to right rear microphone 207
7.202 BD102 connector to left rear microphone 207
7.203 BD107 connector to rear bumper harness 207
7.204 BD109 connector to instrument panel harness 208
7.205 BD110 connector to RF receiver module 208
7.206 BD112 connector to GPS antenna 2 208
7.207 CN01 connector to body wiring harness 209
7.208 CN02 connector to sub-instrument panel ambient lamp 209
7.209 CN03 connector to WCM for mobile phone 210
7.210 CN04 connector to interior detection antenna 2 210
7.211 CN05 connector to car refrigerator module 210
7.212 CN06 connector to USB charger 211
7.213 CN07 connector to sub-instrument panel ambient lamp 211
7.214 CN08 connector to sub-instrument panel ambient lamp 211
7.215 FL01 connector to body wiring harness 212
7.216 FL03 connector to instrument panel harness 212
7.217 FL04 connector to instrument panel harness 213
7.218 FL05 connector to left around view parking camera 213
7.219 FL06 connector to left front door rearview mirror 1 214
7.220 FL07 connector to left front door rearview mirror 2 214
7.221 FL09 connector to left front door woofer 214
7.222 FL10 connector to left front door midrange loudspeaker 215
7.223 FL11 connector to left front door glass lifter motor 215
7.224 FL12 connector to left front door cluster switch 215
7.225 FL13 connector to left front door pressure sensor 216
7.226 FL14 connector to left front door trim antenna 216
7.227 FL15 connector to left front door ambient lamp 216
7.228 FL16 connector to left front door control module (FLDCM) 1 216
7.229 FL17 connector to left front door control module (FLDCM) 2 217
7.230 FL18 connector to left front door control module (FLDCM) 3 218
7.231 FL20 connector to front left door outer handle 2 218
7.232 FL21 connector to left front door lock 218
7.233 FR01 connector to body wiring harness 1 219
7.234 FR02 connector to body wiring harness 2 219
7.235 FR04 connector to instrument panel harness 220
7.236 FR05 connector to right around view parking camera 220
7.237 FR06 connector to right front door rearview mirror 1 221
7.238 FR07 connector to right front door rearview mirror 2 221
7.239 FR09 connector to right front door woofer 221
7.240 FR10 connector to right front door midrange loudspeaker 222
7.241 FR11 connector to right front door glass lifter motor 222
7.242 FR12 connector to right front door glass lifter switch 222
7.243 FR13 connector to right front door pressure sensor 223
7.244 FR14 connector to right front door trim antenna 223

7.245 FR15 connector to right front door ambient lamp ... 223
7.246 FR16 connector to right front door control module (FRDCM) 1 ... 223
7.247 FR17 connector to right front door control module (FRDCM) 2 ... 224
7.248 FR18 connector to right front door control module (FRDCM) 3 ... 225
7.249 FR20 connector to right front door outer handle 2 ... 225
7.250 FR21 connector to right front door lock ... 225
7.251 RL01 connector to body wiring harness ... 226
7.252 RL02 connector to left rear door woofer ... 226
7.253 RL03 connector to left rear door glass lifter switch ... 227
7.254 RL04 connector to ambient lamp for left rear door interior trim panel ... 227
7.255 RL05 connector to left rear door glass lifter motor ... 227
7.256 RL07 connector to left rear door lock ... 228
7.257 RR01 connector to body wiring harness ... 228
7.258 RR02 connector to right rear door woofer ... 229
7.259 RR03 connector to right rear door glass lifter switch ... 229
7.260 RR04 connector to ambient lamp for right rear door interior trim panel ... 229
7.261 RR05 connector to right rear door glass lifter motor ... 230
7.262 RR07 connector to right rear door lock ... 230
7.263 LS01 connector to body wiring harness ... 230
7.264 LS02 connector to seat cushion fan ... 231
7.265 LS03 connector to main driver seat belt buckle ... 231
7.266 LS04 connector to main driver seat back wiring harness ... 232
7.267 LS05 connector to slide rail motor ... 232
7.268 LS06 connector to seat cushion heating ... 232
7.269 LS07 connector to main driver off-position sensor ... 233
7.270 LS08 connector to main driver's seat adjusting switch ... 233
7.271 LS09 connector to lift motor ... 233
7.272 LS10 connector to main driver seat back wiring harness ... 234
7.273 LS11 connector to main driver seat wiring harness ... 234
7.274 LS12 connector to back motor ... 235
7.275 LS13 connector to back heating ... 235
7.276 LS14 connector to back fan ... 235
7.277 LS15 connector to main driver seat wiring harness ... 235
7.278 LS16 connector to massage module ... 236
7.279 LS17 connector to massage air pump ... 236
7.280 RS01 connector to body wiring harness ... 237
7.281 RS02 connector to seat cushion fan ... 237
7.282 RS03 connector to seat control unit 1 ... 238
7.283 RS04 connector to seat control unit 2 ... 238
7.284 RS05 connector to seat control unit 3 ... 239
7.285 RS06 connector to front passenger seat belt buckle ... 239
7.286 RS07 connector to front passenger seat back wiring harness ... 240
7.287 RS08 connector to slide rail motor ... 240
7.288 RS09 connector to passenger detection sensor ... 240
7.289 RS10 connector to seat cushion heating ... 241
7.290 RS11 connector to front passenger seat adjusting switch ... 241
7.291 RS12 connector to front passenger seat back wiring harness ... 241
7.292 RS13 connector to front passenger seat wiring harness ... 242
7.293 RS14 connector to back heating ... 242
7.294 RS15 connector to massage air pump ... 243
7.295 RS16 connector to back fan ... 243
7.296 RS17 connector to back motor ... 243
7.297 RS18 connector to massage module ... 244
7.298 RS19 connector to front passenger seat wiring harness ... 244
7.299 RB01 connector to body wiring harness ... 245
7.300 RB04 connector to left rear BSD main sensor ... 245
7.301 RB06 connector to reversing radar control unit ... 246
7.302 RB08 connector to rear fog lamp ... 246
7.303 RB09 connector to interior detection antenna 4 ... 246
7.304 RB10 connector to reversing radar sensor ... 247
7.305 RB11 connector to rear right center reversing radar sensor ... 247
7.306 RB13 connector to right reversing radar sensor ... 247
7.307 RB15 connector to right rear BSD main sensor ... 248
7.308 RB17 connector to body wiring harness ... 248
7.309 TG01 connector to body wiring harness ... 249
7.310 TG02 connector to body wiring harness ... 249
7.311 TG03 connector to body wiring harness ... 250
7.312 TG05 connector to body wiring harness ... 250
7.313 TG07 connector to high-mounted stop lamp ... 250
7.314 TG08 connector to AM/FM antenna ... 250
7.315 TG10 connector to rear defrosting+ ... 251
7.316 TG11 connector to rear defrosting- ... 251
7.317 TG12 connector to rear wiper motor ... 251
7.318 TG13 connector to left license plate lamp ... 251

7.319 TG14 connector to rear around view parking camera ... 252
7.320 TG15 connector to PLG buzzer ... 252
7.321 TG16 connector to liftgate button ... 252
7.322 TG17 connector to trunk button ... 253
7.323 TG18 connector to right license plate lamp ... 253
7.324 TG20 connector to liftgate lock ... 253
7.325 TG21 connector to DAB antenna ... 253
7.326 AC01 connector to instrument panel harness ... 254
7.327 AC02 connector to right face-blowing air outlet temperature sensor ... 255
7.328 AC03 connector to left face-blowing air outlet temperature sensor ... 255
7.329 AC04 connector to left foot-blowing air outlet temperature sensor ... 255
7.330 AC05 connector to left circulation actuator ... 255
7.331 AC06 connector to right circulation actuator ... 256
7.332 AC07 connector to mode actuator ... 256
7.333 AC08 connector to speed regulation module (console) ... 257
7.334 AC09 connector to speed regulation module (blower side) ... 257
7.335 AC10 connector to left blend actuator ... 257
7.336 AC11 connector to blower ... 258
7.337 AC12 connector to evaporator temperature sensor ... 258
7.338 AC13 connector to right blend actuator ... 258
7.339 AC14 connector to right foot-blowing air outlet temperature sensor ... 259
7.340 CA01 connector to body wiring harness ... 259
7.341 CA02 connector to motor integrated left rear caliper ... 259
7.342 CA03 connector to left rear inline wheel speed sensor ... 259
7.343 CA04 connector to body wiring harness ... 260
7.344 CA05 connector to motor integrated right rear caliper ... 260
7.345 CA06 connector to right rear inline wheel speed sensor ... 260
7.346 CS01 connector to front body harness ... 260
7.347 CS02 connector to charging socket 1 (National standard) ... 261
7.348 CS03 connector to charging socket 2 (National standard) ... 262
7.349 CS04 connector to charging socket 3 (National standard) ... 262
7.350 CS05 connector to battery pack box (National standard) ... 262
7.351 CS06 connector to integrated electric drive assembly (National standard) ... 263
7.352 CS09 connector to charging socket 1 (European standard) ... 263
7.353 CS10 connector to charging socket 2 (European standard) ... 264
7.354 CS11 connector to battery pack box (European standard) ... 264
7.355 CS12 connector to integrated electric drive assembly (European standard) ... 264
7.356 AH01 connector to A/C compressor assembly ... 265
7.357 AH02 connector to integrated electric drive assembly ... 265
7.358 BH01 connector to battery pack box ... 265
7.359 BH02 connector to integrated electric drive assembly ... 265
7.360 BG01 connector to battery pack box ... 266
7.361 BN01 connector to negative terminal of the battery ... 266
7.362 DG01 connector to DCDC grounding ... 266
7.363 MG01 connector to integrated electric drive assembly grounding ... 266

8. Grounding Point Information

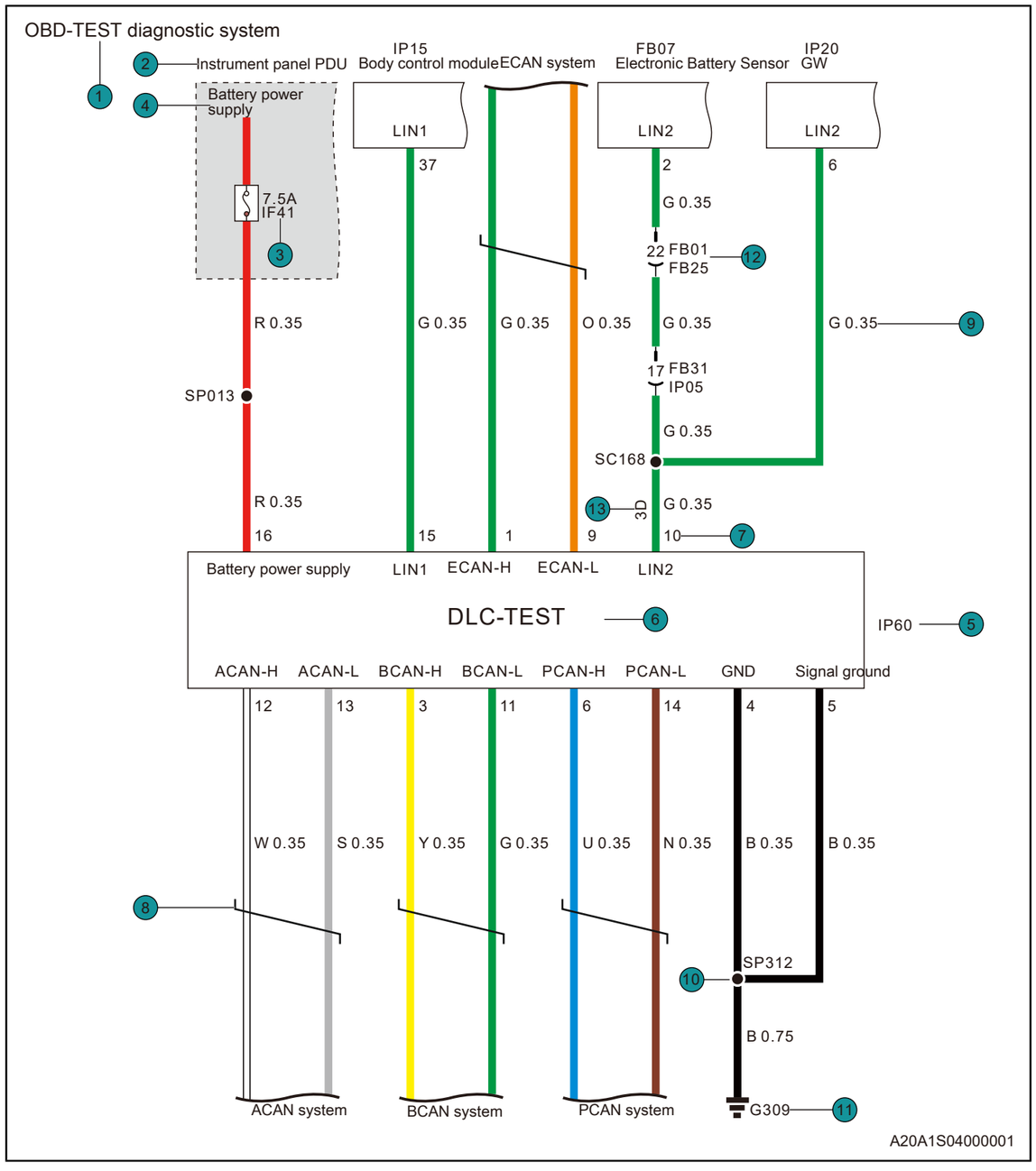
8.1 Grounding point G102-1 ... 267
8.2 Grounding point G102-2 ... 267
8.3 Grounding point G109 ... 268
8.4 Grounding point G111 ... 268
8.5 Grounding point G112 ... 269
8.6 Grounding point G113 ... 269
8.7 Grounding point G114 ... 270
8.8 Grounding point G115 ... 270
8.9 Grounding point G201 ... 271
8.10 Grounding point G202 ... 271
8.11 Grounding point G203 ... 272
8.12 Grounding point G204 ... 272
8.13 Grounding point G205 ... 273
8.14 Grounding point G206 ... 273
8.15 Grounding point G207 ... 274
8.16 Grounding point G208 ... 274
8.17 Grounding point G209 ... 275
8.18 Grounding point G210 ... 275
8.19 Grounding point G211 ... 276
8.20 Grounding point G301 ... 276
8.21 Grounding point G303 ... 277
8.22 Grounding point G304 ... 277
8.23 Grounding point G305 ... 278
8.24 Grounding point G306 ... 278
8.25 Grounding point G307 ... 279
8.26 Grounding point G401 ... 279
8.27 Grounding point G402 ... 280

8.28 Grounding point G404 280
8.29 Grounding point G405 281
8.30 Grounding point G406 281
8.31 Grounding point G407..... 282
8.32 Grounding point G408 282
8.33 Grounding point G410 283
8.34 Grounding point G409 283
8.35 Grounding point G412 284
8.36 Grounding point G413 284
8.37 Grounding point G414 285
8.38 Grounding point G415 285
8.39 Grounding point G416 286
8.40 Grounding point G703 286
8.41 Grounding point G704 287

9. Abbreviations
9.1 Abbreviations..... 288

1.1 Circuit figure example and description

1.1.1 Circuit figure interpretation



Serial No.	Instructions
1	Circuit system
2	Electrical box
3	Fuse instructions
4	Instructions of the power supply in the electrical box
5	Electrical component code
6	Electrical component name
7	Pin number of electrical component
8	This circuit is a twisted pair and is mainly used for signaling circuits of sensors or data communication circuits
9	Lead wire diameter and Color of the circuit
10	Lead wire connection point
11	Grounding points
12	Connector
13	Model configuration code

1.1.2 Definition of harness codes

Code	Description in Chinese	Description in English	Note
FB	前舱线束	Front body wiring harness	
IP	仪表板线束	Instrument panel wiring harness	
CN	副仪表板线束	Cnsl wiring harness	
BD	车身线束	Body wiring harness	
CA	底盘线束	Chassis wiring Harness	
FL	左前门线束	Front left door harness	
FR	右前门线束	Front right door harness	
RL	左后门线束	Rear left door harness	
RR	右后门线束	Rear right door harness	
FP	前保险杠线束	Front bump wiring harness	
RB	后保险杠线束	Rear bump wiring harness	
TG	后行李箱线束	Trunk Lug harness	
CS	充电插座线束	Charge socket wiring harness	
AH	空调系统高压线束	AC HV wiring harness	
IH	电机控制器高压线束	Motor controller HV wiring harness	
BH	电池高压线束	Battery HV wiring harness	
BN	蓄电池负极线束	Battery negative wiring harness	
MG	驱动电机接地线束	Motor ground wiring harness	
PG	高压配电盒接地线	PDU ground wiring harness	
DG	DC/DC接地线束	DC/DC ground wiring harness	
BG	电池组箱接地线束	Battery pack ground wiring harness	
AC	空调箱线束	AC transition harness	

1.1.3 Definition of harness Connector codes

Harness Connector numbers include the harness code and Connector serial number.
For example, Connector IP01 in the Instrument Panel wiring harness, where IP is the harness code and the Connector serial number starts at 01.

Note:
- See "Connector Information" for details on harness Connector numbers.

1.1.4 Definition of lead wire Color codes

Code	Lead wire Color	Figure
B	Black	
W	White	
R	Red	
G	Green	
Y	Yellow	
U	Blue	
P	Purple	
K	Pink	
O	Orange	
S	Silver gray	
N	Brown	
Lg	Light green	
Sb	Sky blue	

1.1.5 Description of grounding points

The grounding point number beginning with G defines the electrical component or equipment lead wire grounding.

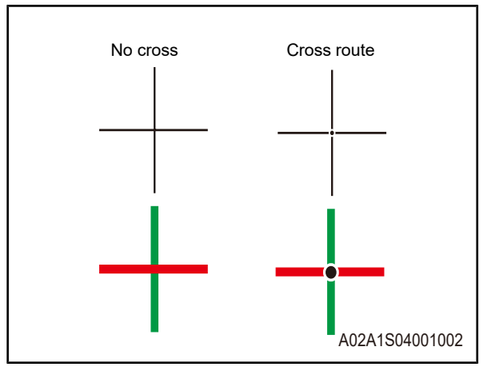
Note:
- See "Grounding Point Information" for details of the grounding points.

1.1.6 Description of the power supply line

According to the different power states in the vehicle, the power state is divided into:

- Battery power: Indicates the power supplied by the battery in any vehicle state.
- ACC Power: Indicates the ACC relay output power when the vehicle is in ACC state.
- IG Power: Indicates the IG1 relay output power when the vehicle is in the ON state.

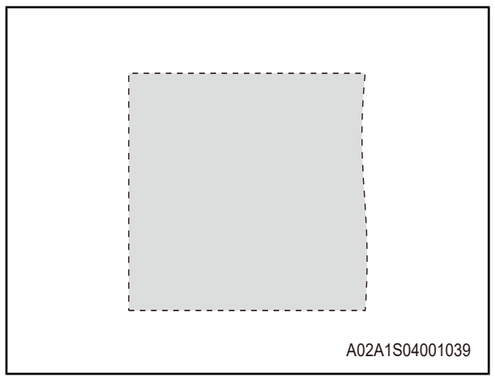
1.1.7 Description of cross route nodes



1.1.8 Description of electrical box

Code	Instructions
EF–	Fuses in the front cab electrical box
ER–	Relay in the front cab electrical box
IF–	Fuses in the instrument panel electrical box
IR–	Relay in the instrument panel electrical box

1.1.9 Representation of electrical box

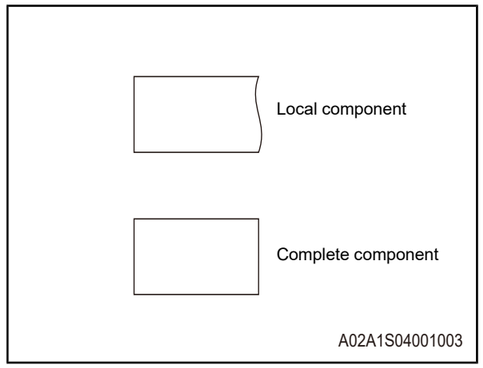


1. This vehicle comes with three electrical boxes: positive electrical box, front cab electrical box, and instrument panel electrical box.
2. The positive electrical box and the front cab electrical box are located on the left side of the motor compartment, and the instrument panel electrical box is located on the lower left side of the instrument panel.
3. qhe cover oÑ the relevant electrical boñ is labeled with the correspondinÖ Ñuse and relay nuãbers and Ñunctions.

Note:
- See "Electrical Box" for details of fuses and relays.

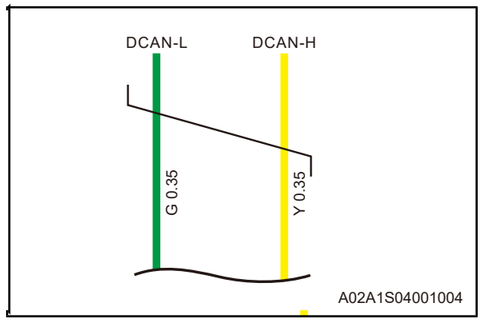
The gray filled box indicates fuse box or connector.

1.1.10 Component description

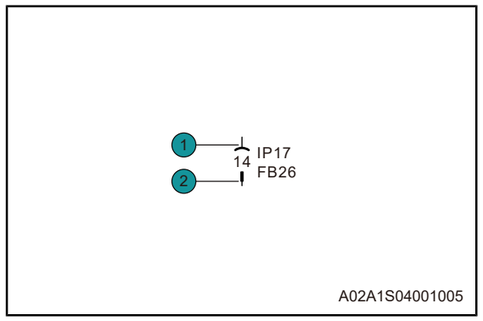


If all of the pins of an electrical component are shown in this system circuit figure,
it is indicated with a complete solid box, or a partial solid box.

1.1.11 Representation of twisted pair



1.1.12 Representation of connection component



Indicates that pin 14 of the instrument panel wiring harness connector IP17 connects with pin 14 of the front body wiring harness connector FB26.

It is mainly used for harness-to-harness connection as shown in the figure:

1. It is mainly used for the signal circuit of the sensor and the data communication circuit as shown in the figure:

2. ① indicates that IP17 is a female

   Connector, and ② indicates that Connector FB26 is a male Connector.

1.1.13 Description of model configuration code

Model configuration code	Instructions
5C	Active air intake grille
6P	Front center airbag
11E	Automatic anti-glare interior mirror
12AQ	GPS*2
12AW	E_CALL
12S	Antenna amplifier
15M	Main driver's side electric massage
15N	Front passenger side electric massage
18N	PM2.5 sensor
18V	Car refrigerator
19K	Driver status monitoring
P9N	Non-Southeast Asia
P9Y	Southeast Asia

1.2 Circuit diagnosis and repair procedure

1.2.1 Diagnostic and repair procedure

1. Failure confirmation
   - Listen to the customer's description of the failure, reproduce the failure, and record the phenomenon. Do not dismantle before the cause of the failure is determined.

2. Circuit analysis
   - Refer to the system circuit figure in the circuit figure manual, test the entire subsystem circuit from power to ground to determine the point of failure based on an understanding of the work [principle of circuits. If the point of failure cannot be determined, test other circuits common to the faulty subsystem circuit, such as referencing common circuits for fuses, grounds, switches, etc. in the wiring figure. If the common circuits are working normally, the failure is in the system circuit; if several common circuits are faulty, the fuse or ground may be faulty.

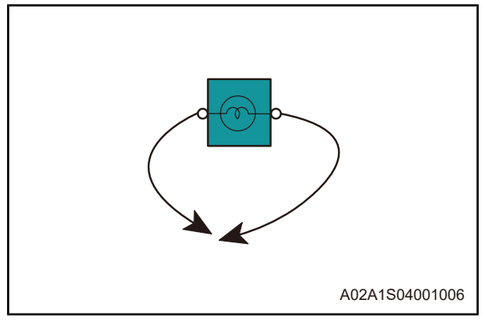
3. Inspection of circuits and electrical components
   - Refer to the inspection procedure of the circuits and electrical components in the Maintenance Manual for circuit inspection, while making full use of the diagnostic scan tool for the inspection of the electrical components. Start with the most probable cause and the easiest-to-check electrical components based on the troubleshooting procedure in the Maintenance Manual.

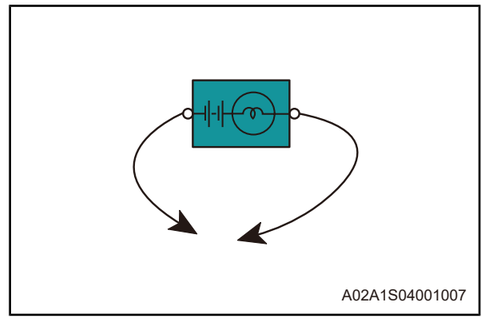
4. Fault repair
   - Identify fault and carry out necessary repair work. Refer to the circuit figure and the description of the troubleshooting method in the Maintenance Manual. Such as grounding point repair, and Connector terminal repair.

5. Verify whether the circuit is working normally
   - At the repair, reinspect the system circuit to confirm that the fault has been cleared. If the fuse is blown, inspect all circuits that share that fuse.

Warning:
- Pure electric vehicles contain high voltage. Improper operation during use or maintenance may result in safety accidents such as leakage of electricity and electric shock, which may cause harm to the human body or the vehicle. Therefore, always inspect or repair in the correct order.
- Before inspecting and repairing the high-voltage harnesses or components, the power supply to the high-voltage power section must be disconnected.
- Always wear insulated protective equipment before inspecting high-voltage systems.

1.2.2 Troubleshooting equipment


A02A1S04001006

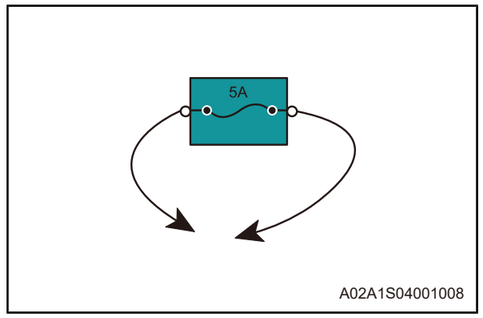

A02A1S04001007

1. Voltmeter and test lamp
   - The circuit state can be inspected for voltage using a test lamp or a voltmeter. The test lamp consists of a pair of lead wires and a 12V bulb. At the time of inspection, one lead wire is grounded and the other is connected to one of the measurement points. If the bulb comes on, power is supplied to the measurement point.

Warning:
- Pure electric vehicles contain high voltage. Improper operation during use or maintenance may result in safety accidents such as leakage of electricity and electric shock, which may cause harm to the human body or the vehicle. Therefore, always inspect or repair in the correct order.
- The voltmeter is used in the same way as a test lamp, while the voltmeter can display the value of the current voltage. When using a voltmeter to detect voltage, a high-impedance voltmeter should be used, When there is a virtual connection in the wire connection, the voltage displayed by the voltmeter is normal, but this voltage cannot successfully drive the load to operate normally.

2. Self-powered test lamp and resistance meter
   - Use a self-powered 12V test lamp or resistance meter to inspect the conductivity of the circuit. The self-powered test lamp consists of a light bulb, a battery, and two lead wires. The bulb lights when the two lead wires are connected. Before testing, disconnect the negative terminal lead wire of the battery and pull out the fuse from this circuit. At the time of inspection, if the test lamp comes on normally, the circuit is conducting normally.

Warning:
- When inspecting module circuits, do not use self-powered test lamps, or the internal circuits of the module will be damaged. A digital resistance meter with an internal resistance of 10MΩ or higher must be used for inspection. The resistance meter is used in the same way as the voltmeter, while the resistance meter can display the current resistance value, and the lower the displayed resistance indicates the better the conduction.

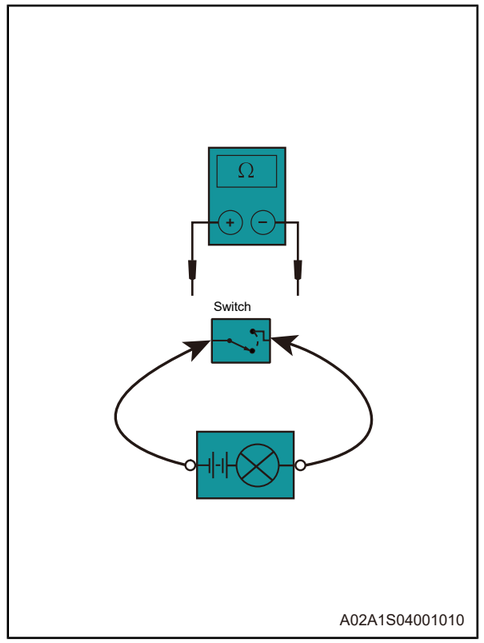


3. Jumper wire with fuse

- Use a jumper wire to determine the disconnection point when inspecting open loop (circuit disconnection). Jumper wire is a tool used in parallel with the lead wire under test.

Warning:

- In order to protect the circuit under test, do not inspect the relevant circuits with a fuse larger than the rated capacity of the circuit. Do not use jumper wires to replace input or output signals if the module is connected in circuit.



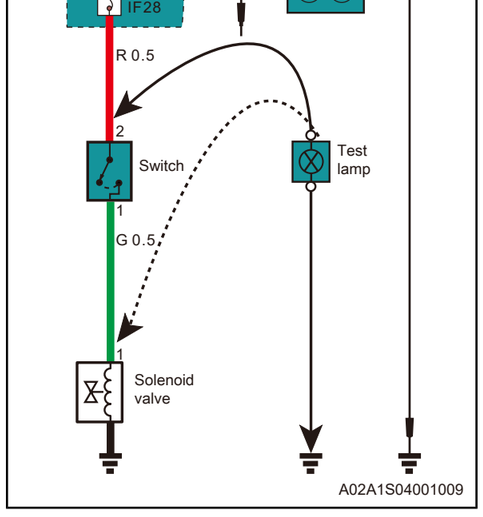
2. Power-on test

a) Disconnect the negative terminal harness of the battery.
b) Connect a lead from a self-powered test lamp or resistance meter to the component to be tested. When using the resistance meter, first short the two lead wires of the resistance meter, and set the resistance meter to zero using a zero adjuster
c) Connect the other lead wire of detector to the other terminal of the load to be tested.

d) If the self-powered test lamp is on, it indicates conduction; when using a resistance meter, the resistance is very small or close to 0Ω, indicating that the component is in good conduction.

1.3 Fault inspection and repair

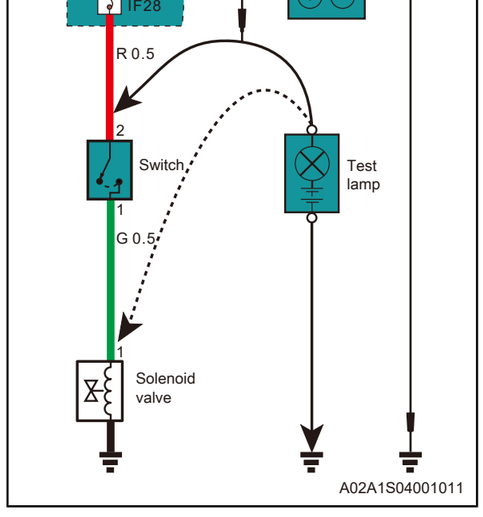
1.3.1 Fault inspection



1. Voltage detection

- Voltage detection is to inspect for voltage at a certain point. When inspecting one of the terminals of a lead wire Connector, test by inserting the connection wire probe of the positive terminal from the back of the wire Connector using a circuit test tool without disassembling the wire Connector.

a) When inspecting the voltage with a test lamp or voltmeter, first connect the negative terminal of the test tool to the negative terminal of the battery,
b) and then connect the lead wire at the other end of the test lamp or voltmeter to the point to be tested.
c) If the test tool is a voltmeter and the display value is more than 1V less than the specified value, it indicates that the circuit is faulty. If the test tool is a test lamp, when the test lamp does not come on properly, it indicates that the circuit is faulty.



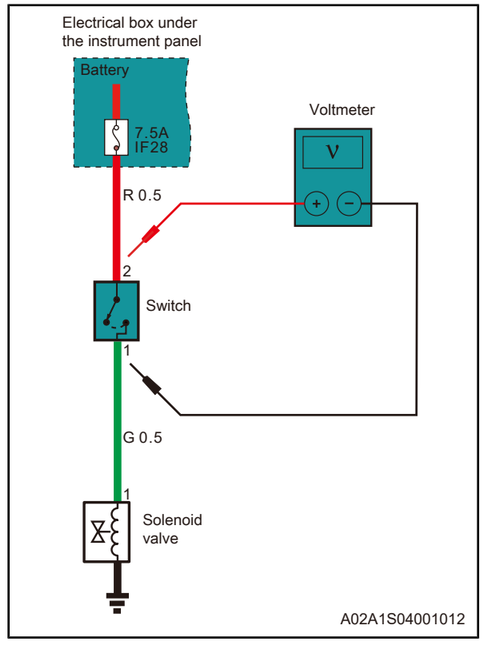
3. Short circuit test

a) Disconnect the negative terminal harness of the battery.
b) Connect one lead wire from the self-powered test lamp or resistance meter to the output terminal of the fuse.
c) Ground the other lead wire of the self-powered test lamp or resistance meter.
d) Disconnect all associated electrical loads from the fuse.

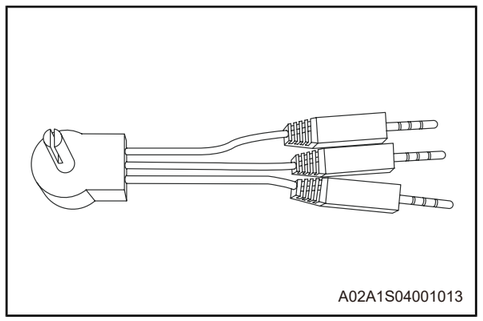
Warning:

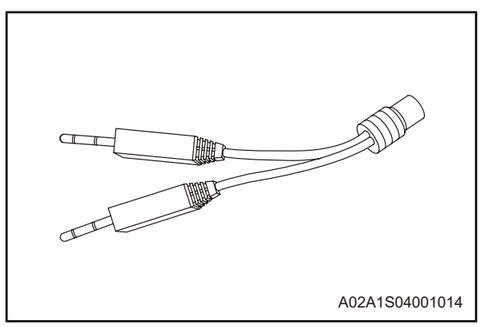
- In order to protect the circuit under test, do not inspect the relevant circuits with a fuse larger than the rated capacity of the circuit. Do not use jumper wires to replace input or output signals if the module is connected in circuit. This can damage the internal circuit of the module.

e) Inspect the circuit in order from the nearest fuse.
f) If the self-powered test lamp is on or the resistance meter shows a value lower than 5Ω, it indicates that this part is short-circuited to ground.



1.3.2 Circuit repair equipment



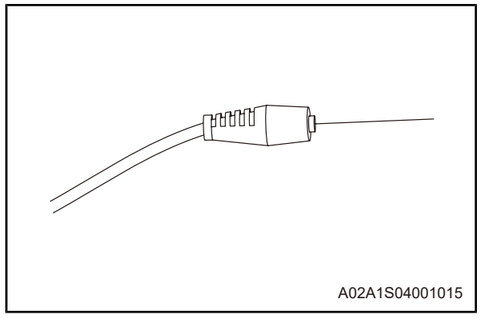


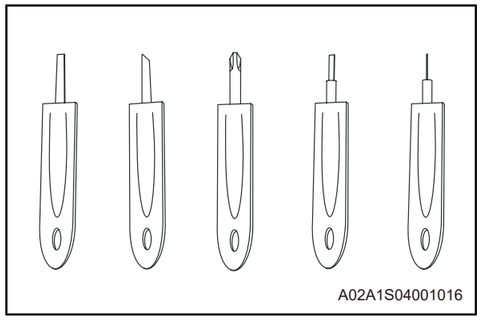
4. Voltage drop test

a) Connect the positive terminal lead wire of the voltmeter to the end of the lead wire close to the battery (Connector side or switch side).
b) Connect the negative terminal lead wire of the voltmeter to the other end of the lead wire (the other side of the Connector or switch).
c) Disconnect or engage a switch to operate a circuit.
d) The voltmeter will show the voltage difference between the two points.
e) If the voltage difference exceeds 0.1V (for 5V circuit, it should be less than 50mV), it indicates a fault on the circuit. Inspecting loose, oxidized or corroded connection circuits.

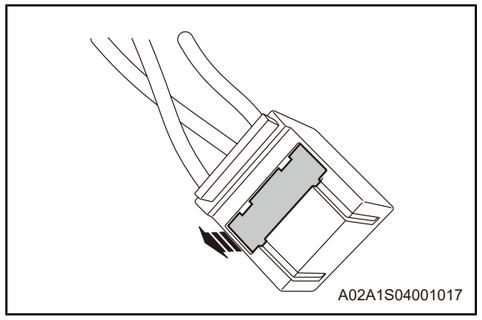
1. Variable resistance (5kΩ)
   - The signals of sensors of various types of resistance can be simulated. It can help to quickly determine component performance when inspecting related sensor circuits.

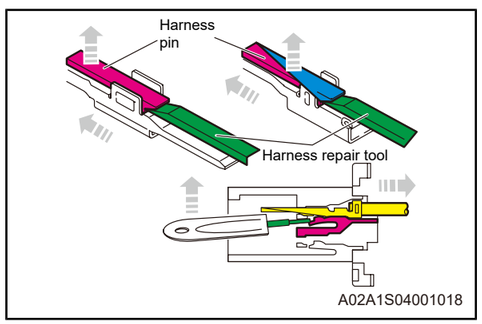
2. LED test lamp
   - Bi-directional two-Color LED: The Color of the LED changes when changing the positive and negative terminals.





1.3.3 Terminal repair



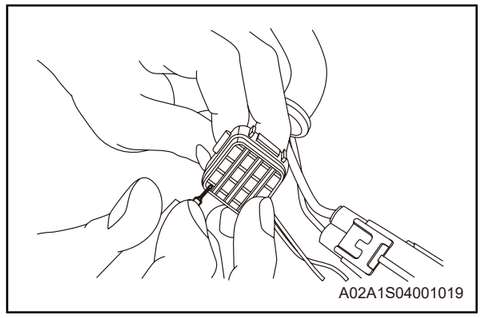


3. Probe
   - Measure the system components by inserting the probe directly to the rear of the harness Connector without damaging the harness, to reduce human circuit faults.

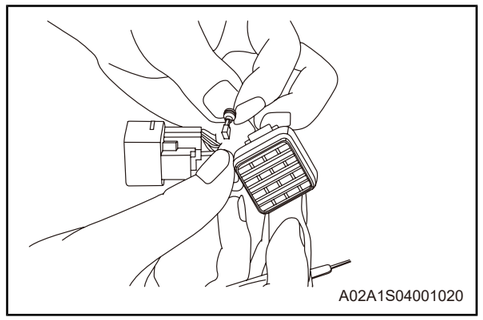
4. Terminal repair tool
   - If a terminal is used in the process of maintenance and repair of the harness Connector, separate the terminal from the harness Connector.

1. Remove the terminal pin.

2. Use a harness repair tool to pivot the lead wire clamp.

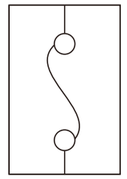
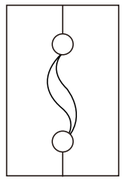
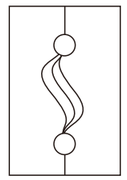
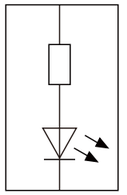
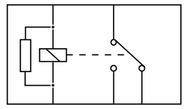
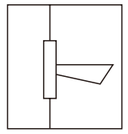
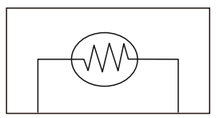

A02A1S04001019

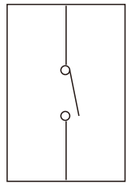
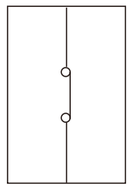
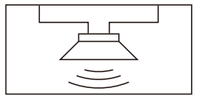
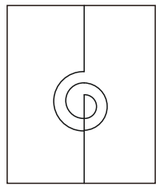
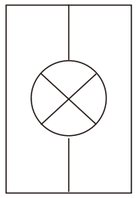
3. Pull the lead wire out from the rear.

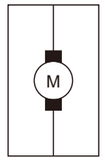
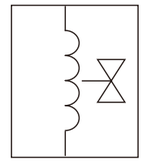
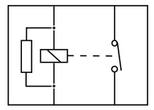
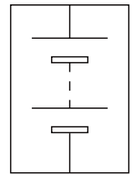

A02A1S04001020

4. Correct the shape and clean the dirt of the contact card using the unplugged wire terminals.

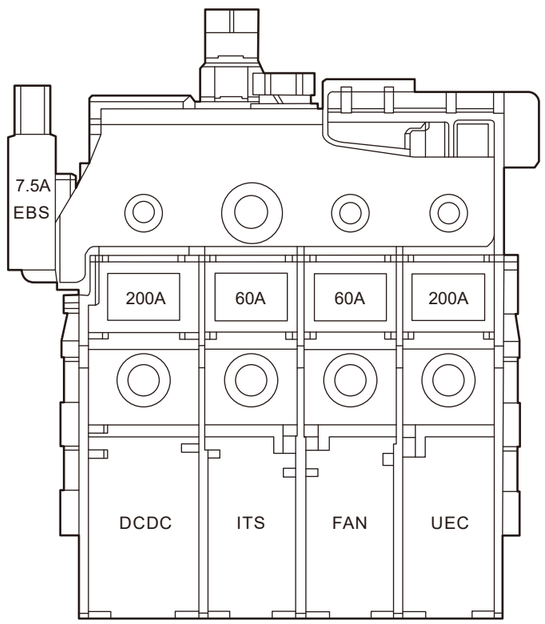
1.4 Electric component symbols

 A02A1S04001021	Fuse (small load)	 A02A1S04001022	Fuse (medium load)
 A02A1S04001023	Fuse (large load)	 A02A1S04001024	LED
 A02A1S04001025	Double throw relay	 A02A1S04001026	Horn
 A02A1S04001027	Airbag	 A02A1S04001028	Non-intersecting lead wires

 A02A1S04001029	Intersecting lead wires	 A02A1S04001030	Normally open switch
 A02A1S04001031	Normally closed switch	 A02A1S04001032	Speaker
 A02A1S04001033	Clock spring	 A02A1S04001034	Bulb

 A02A1S04001035	Motor	 A02A1S04001036	Solenoid valve
 A02A1S04001037	Relay	 A02A1S04001038	Battery

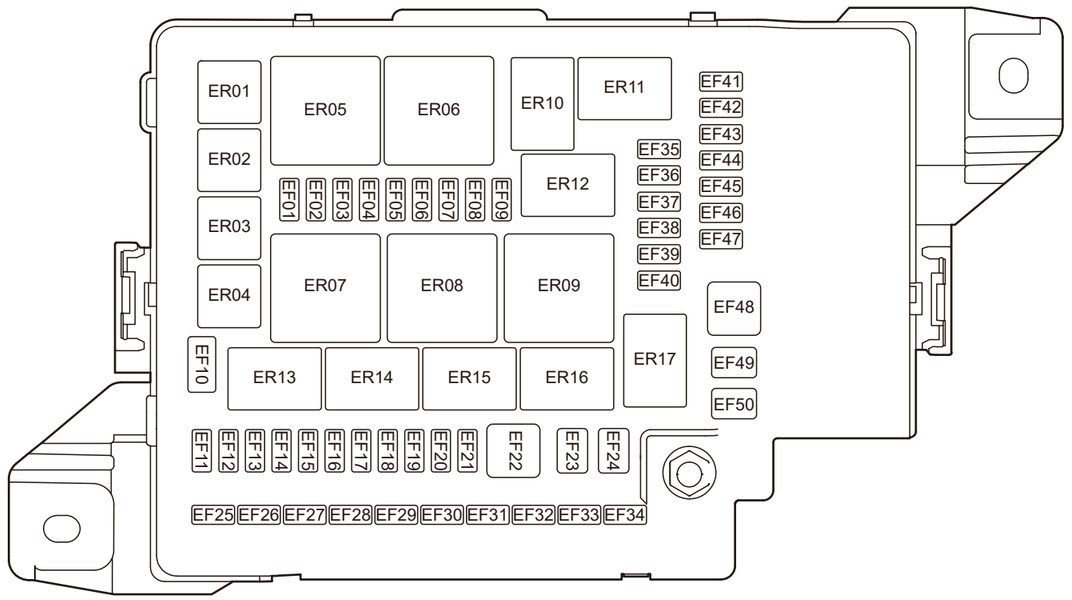
2.1 Distribution of fuses in the positive terminal electrical box



AY5A1S04002001

Code	Rated current	Protecting component	Note
DCDC	200A	Integrated electric drive assembly	
ITS	60A	Thermal management integration module	
FAN	60A	Fan relay	
UEC	200A	Front body electrical box	
EBS	7.5A	Electronic battery sensor	

2.2 Distribution of fuses in the front body electrical box



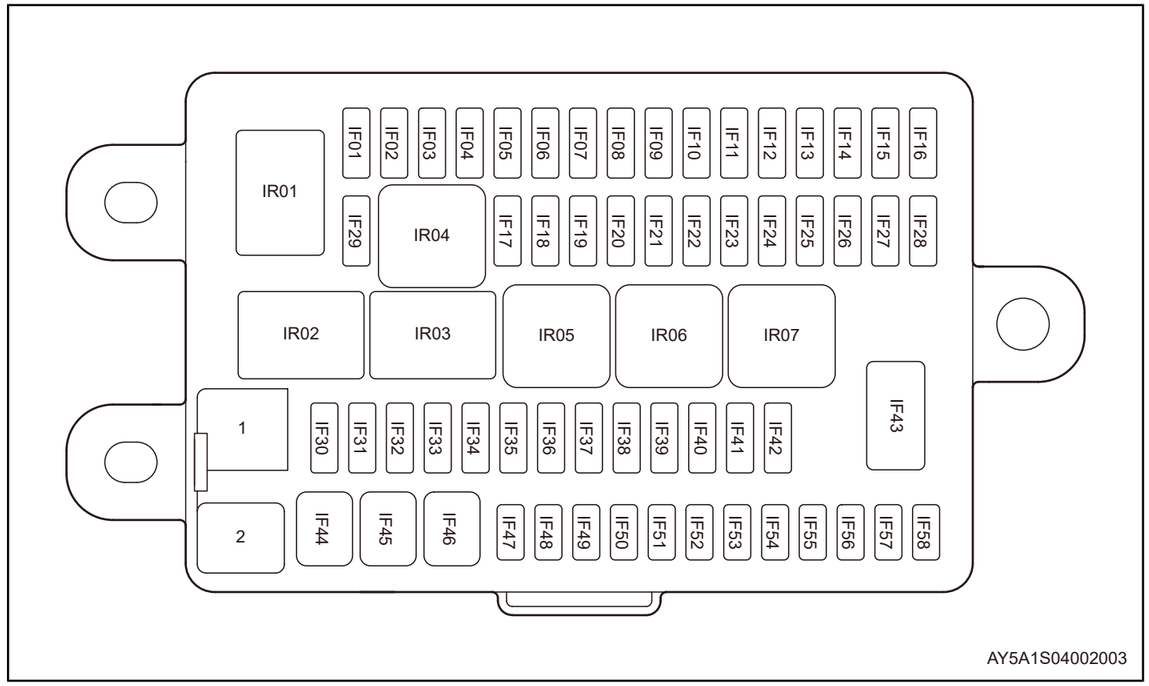
AY5A1S04002002

Tode	Rated current	Protecting component	Note
EF01	-	-	
EF02	-	-	
EF03	-	-	
EF04	-	-	
EF05	-	-	
EF06	-	-	
EF07	7.5A	Left front door rearview mirror/right front door rearview mirror	
EF08	-	-	
EF09	-	-	
EF10	15A	Left front combination lamp	
EF11	15A	Right front combination lamp	
EF12	15A	Horn relay	
EF13	10A	Battery pack box	
EF14	7.5A	Lane departure warning ECU/MRR	
EF15	10A	VCU	
EF16	7.5A	Charging GWM	

Code	Rated current	Protecting component	Note
EF17	20A	Wiper relay 1/wiper relay 2	
EF18	7.5A	Brake light switch	
EF19	7.5A	Protective relay/Main relay	
EF20	20A	Main relay	
EF21	-	-	
EF22	60A	Instrument panel electrical box	
EF23	60A	Electronic stability control unit	
EF24	30A	IG1 relay	
EF25	30A	Integrated electric drive assembly (XOF motor)	
EF26	40A	ACC relay	
EF27	40A	Blower relay	
EF28	40A	Rear defroster relay	
EF29	-	-	
EF30	-	-	
EF31	-	-	
EF32	60A	Instrument panel electrical box	
EF33	-	-	
EF34	80A	EPS column	
EF35	-	-	
EF36	-	-	
EF37	-	-	
EF38	10A	VCU	
EF39	-	-	
EF40	-	-	
EF41	7.5A	Lower active air intake grille	
EF42	7.5A	Integrated electric drive assembly	
EF43	-	-	
EF44	-	-	
EF45	-	-	
EF46	-	-	
EF47	-	-	
EF48	60A	Electronic stability control unit	
EF49	30A	EPB ECU	

Code	Rated current	Protecting component	Note
EF50	30A	EPB ECU	
ER01	-	-	
ER02	20A	Main relay	
ER03	15A	Horn relay	
ER04	-	-	
ER05	40A	Blower relay	
ER06	-	-	
ER07	40A	Rear defroster relay	
ER08	-	-	
ER09	60A	Fan relay	
ER10	-	-	
ER11	20A	Wiper relay 1	
ER12	20A	Wiper relay 2	
ER13	-	-	
ER14	-	-	
ER15	-	-	
ER16	-	-	
ER17	10A	Protective relay	

2.3 Distribution of fuses in the instrument panel electrical box



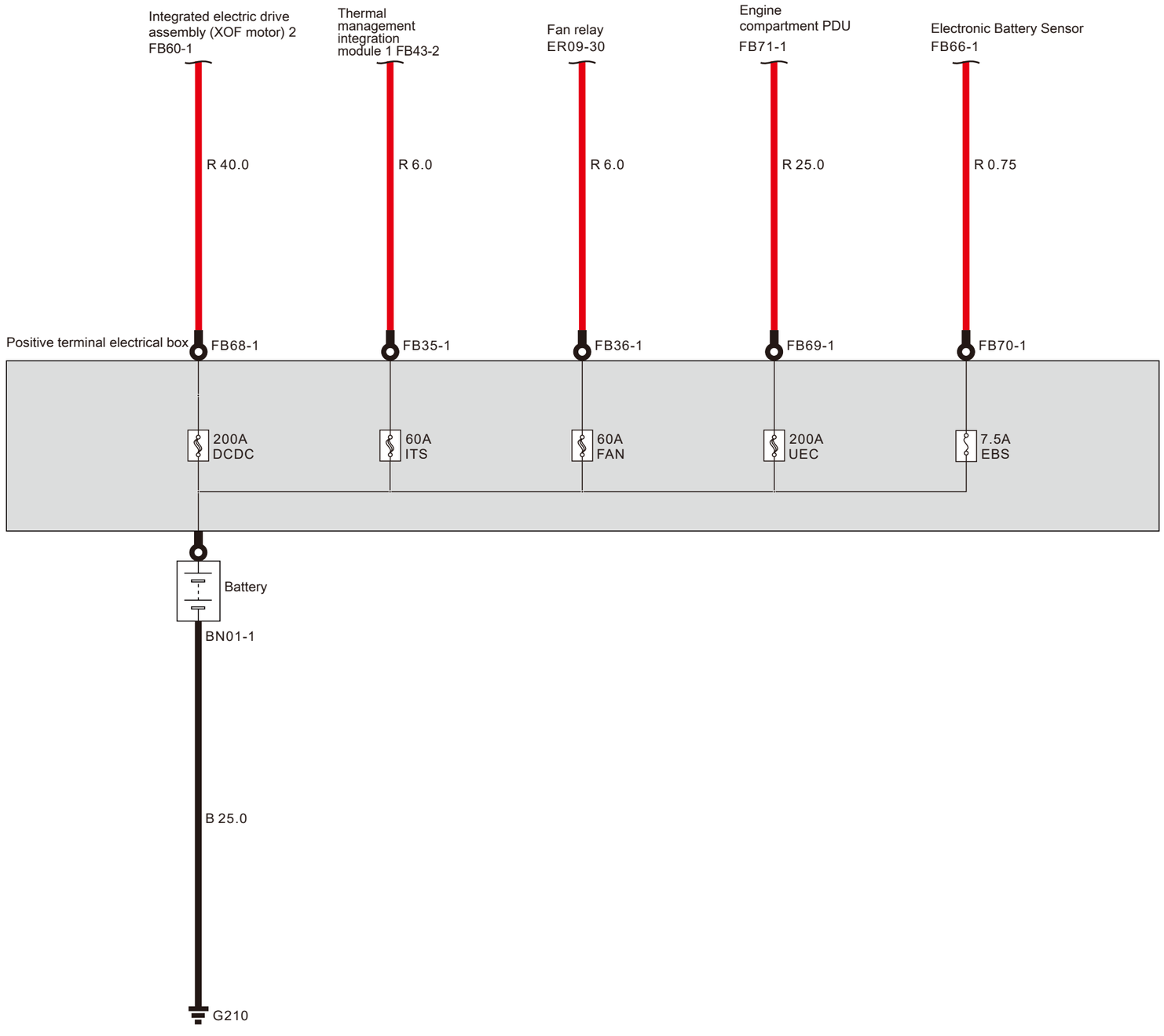
AY5A1S04002003

Code	Rated current	Protecting component	Note
IF01	15A	Front 12V power supply/car intelligent multimedia host	
IF02	7.5A	VCU/integrated BCM	
IF03	15A	Trunk 12V power supply	
IF04	15A	USB_TYPE_C	
IF05	10A	USB charger/car refrigerator module	
IF06	-	-	
IF07	-	-	
IF08	-	-	
IF09	-	-	
IF10	-	-	
IF11	-	-	
IF12	-	-	
IF13	-	-	
IF14	-	-	
IF15	-	-	
IF16	-	-	
IF17	10A	Airbag electronic control unit	
IF18	7.5A	Battery pack box/VCU/Integrated electric drive assembly	
IF19	7.5A	Integrated BCM/GWM (Ethernet)	
IF20	7.5A	EPB ECU/Brake lamp switch	
IF21	7.5A	EPB ECU/Electronic stability control unit	
IF22	7.5A	EPS column	
IF23	7.5A	Interior rearview mirror/Massage module	
IF24	-	-	
IF25	-	-	
IF26	7.5A	Combination switch and clock spring assembly/ Intelligent multimedia vehicle host/T-BOX/Reversing radar control unit	
IF27	-	-	
IF28	-	-	
IF29	-	-	
IF30	-	-	
IF31	20A	Integrated BCM	
IF32	20A	Integrated BCM	
IF33	20A	Integrated BCM	
IF34	10A	RLS/Touch control panel/T-BOX	
IF35	7.5A	GWM (Ethernet)	
IF36	15A	Integrated BCM	
IF37	-	-	
IF38	30A	Seat control unit	
IF39	7.5A	ICM display	
IF40	20A	Integrated BCM	
IF41	7.5A	Power liftgate module/RF receiver module	
IF42	20A	Integrated BCM	
IF43	-	-	
IF44	30A	Power liftgate module	
IF45	30A	Right front door control module	
IF46	30A	Left turn signal lamp	
IF47	10A	Car refrigerator module	

Code	Rated current	Protecting component	Note
IF48	7.5A	DLC (OBD-TEST)/DLC (OBD)/DLC (OBD-EV)	
IF49	10A	Left rear BSD main sensor/right rear BSD main sensor/SBM/WCM for mobile phone	
IF50	-	-	
IF51	10A	Combination switch and clock spring assembly	
IF52	-	-	
IF53	15A	Integrated BCM	
IF54	30A	Intelligent multimedia vehicle host	
IF55	30A	Seat control unit	
IF56	20A	Electric sunshade	
IF57	-	-	
IF58	10A	Seat control unit/Massage module	
IR01	40A	ACC relay	
IR02	-	-	
IR03	-	-	
IR04	30A	IG1 relay	
IR05	-	-	
IR06	-	-	
IR07	-	-	

3.1 Positive terminal electrical box power circuit

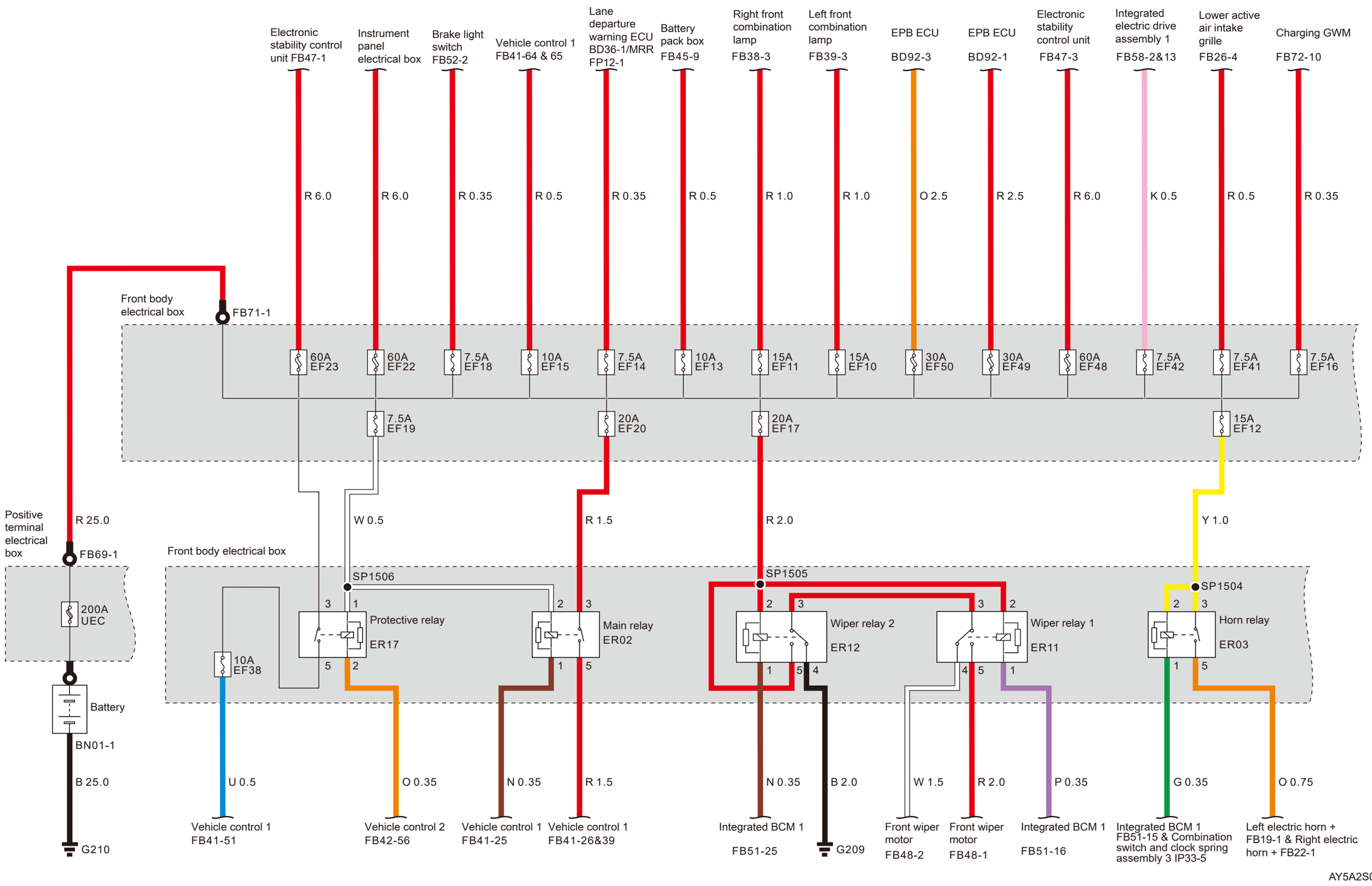
Positive terminal electrical box power circuit



AY5A2S04003001

3.2 Front body electrical box power circuit 1

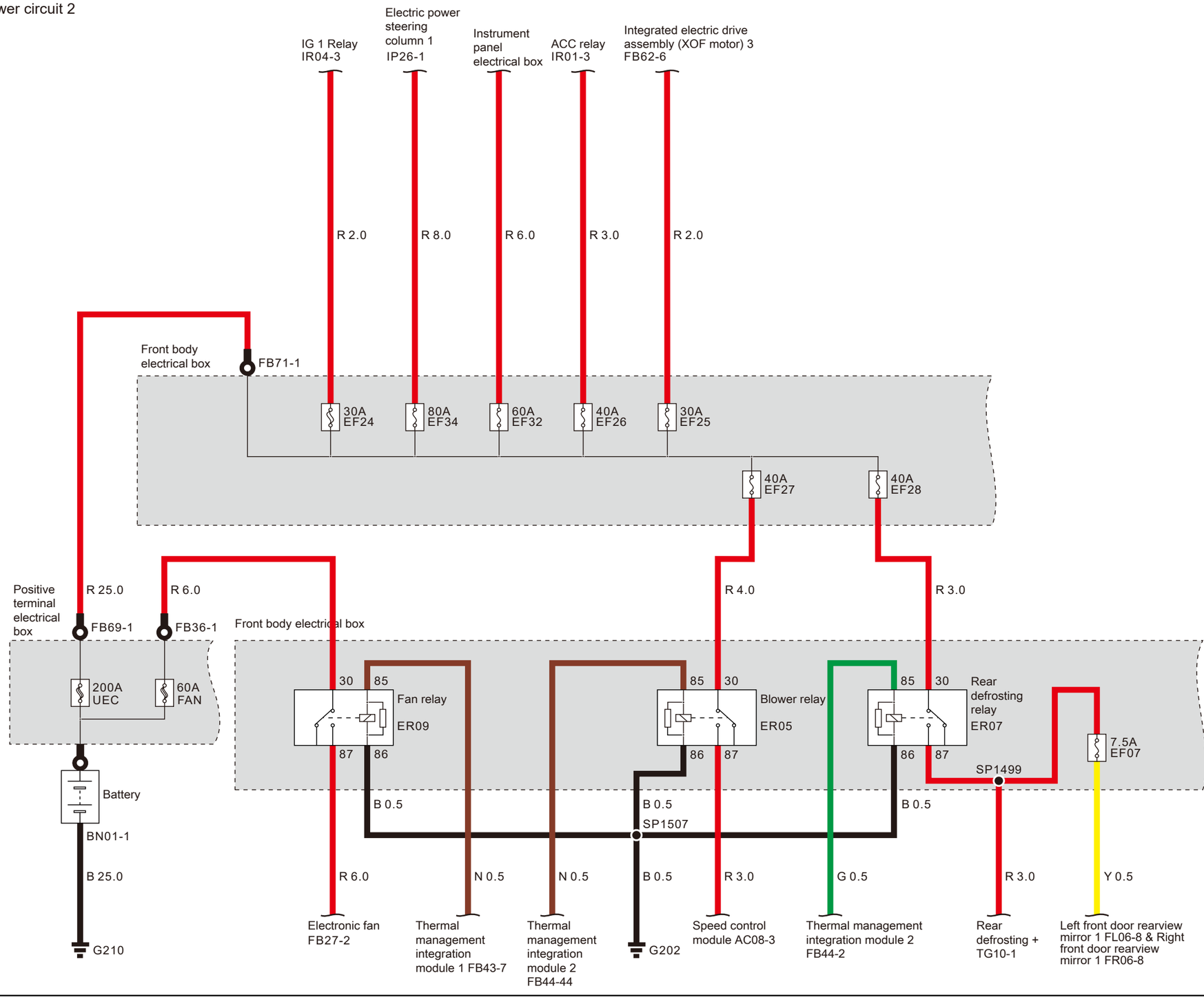
Front body electrical box power circuit 1



AY5A2S04003002

3.3 Front body electrical box power circuit 2

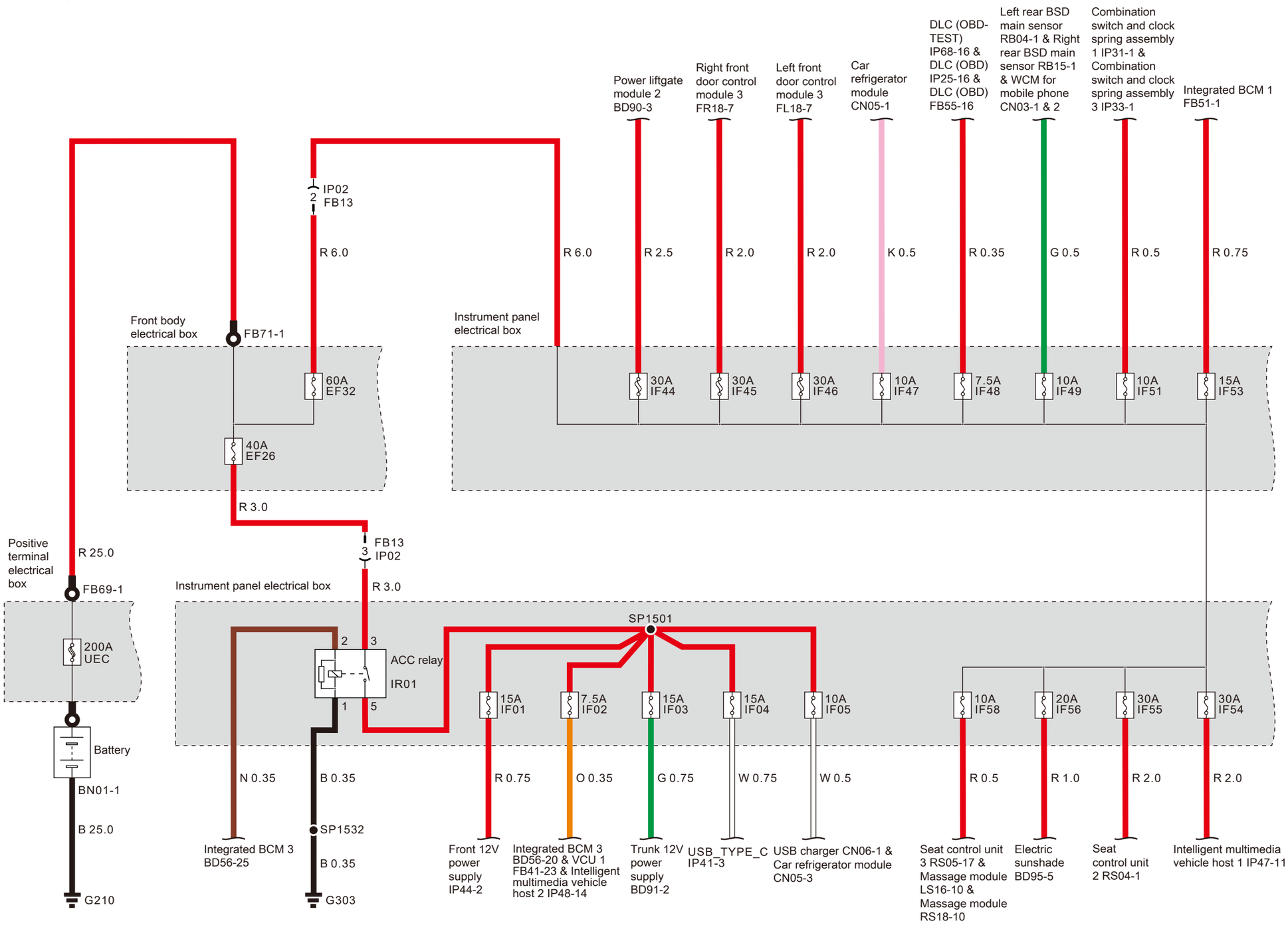
Front body electrical box power circuit 2



AY5A2S04003003

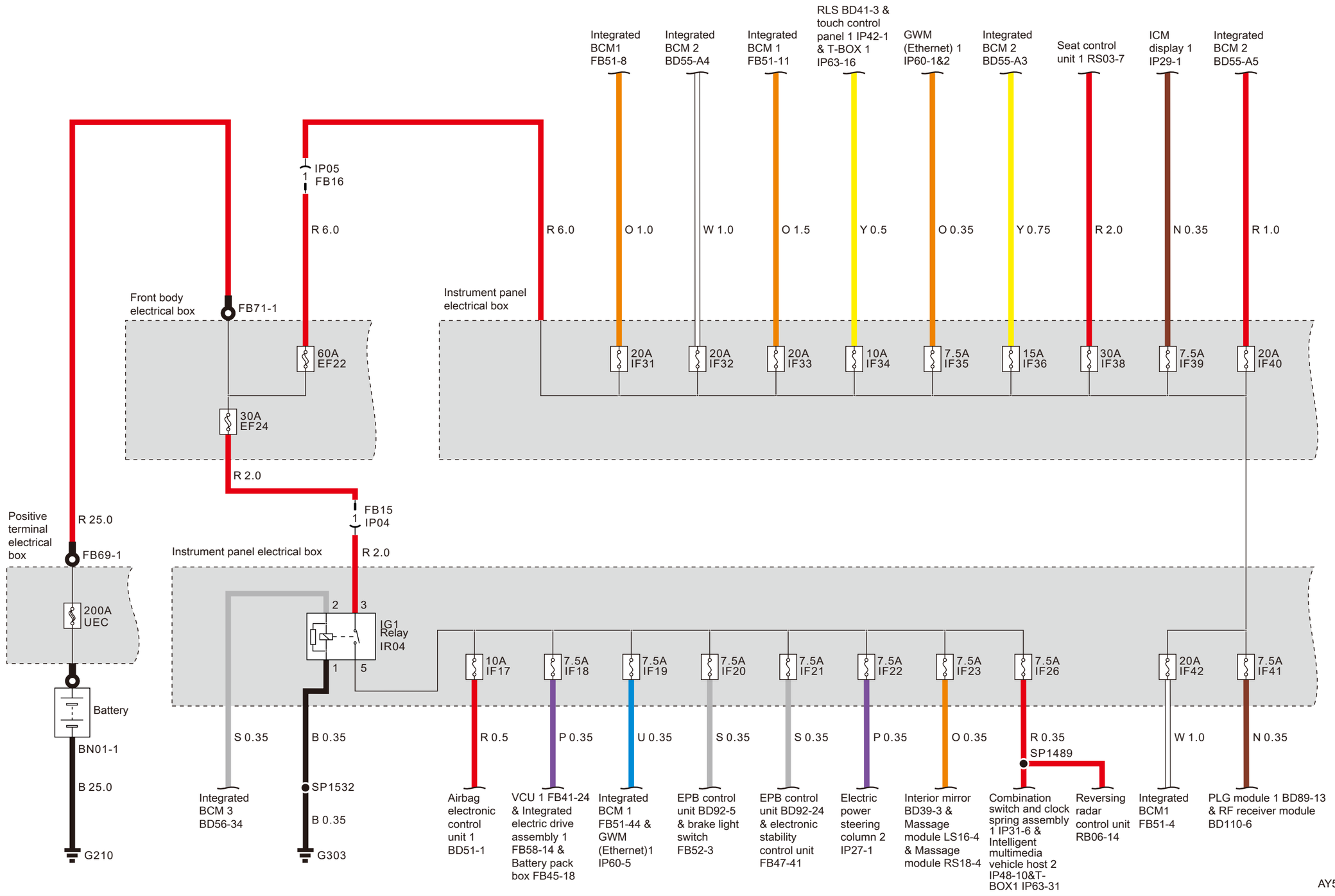
3.4 Instrument panel electrical box power circuit 1

Instrument panel electrical box power circuit 1

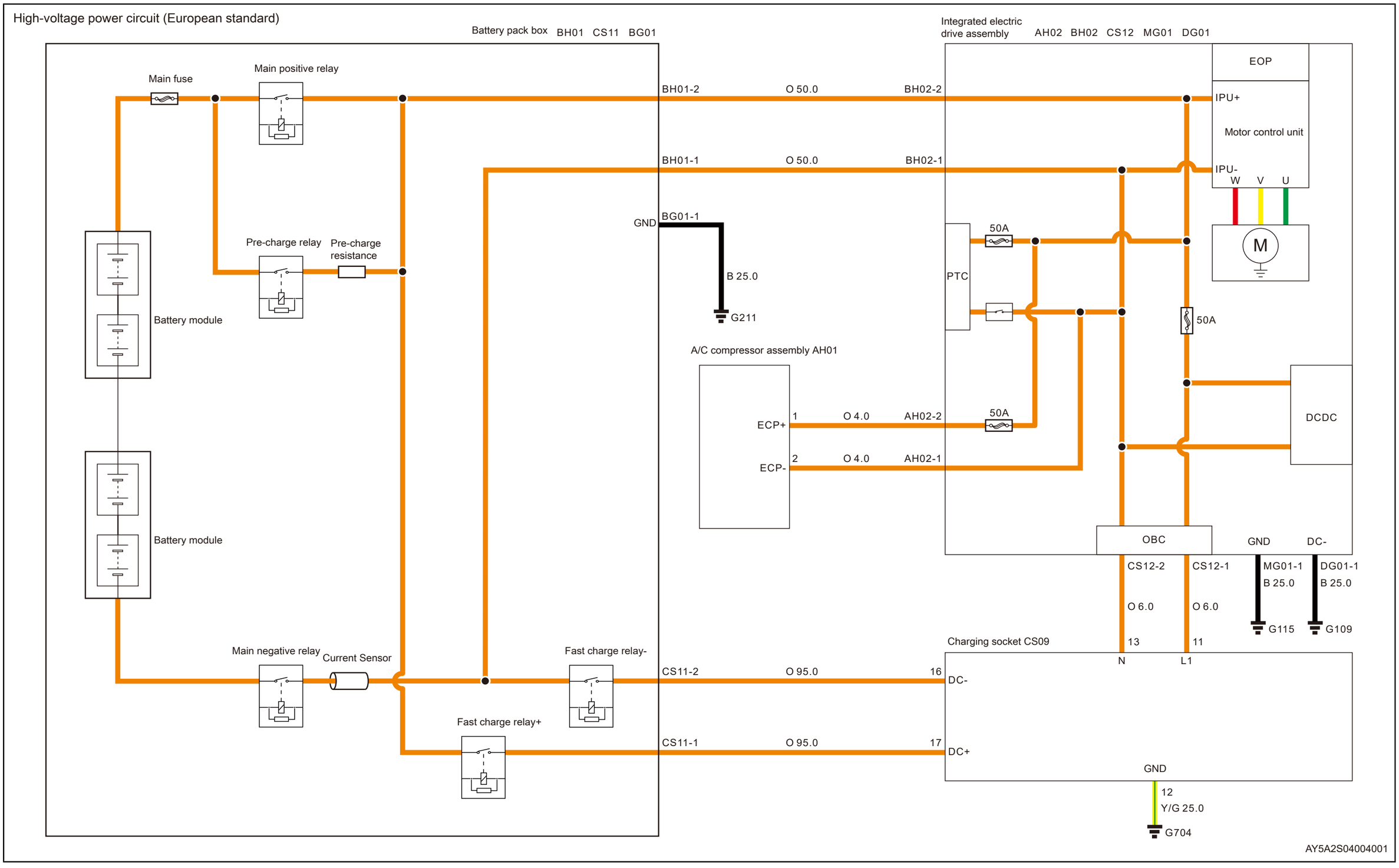


3.5 Instrument panel electrical box power circuit 2

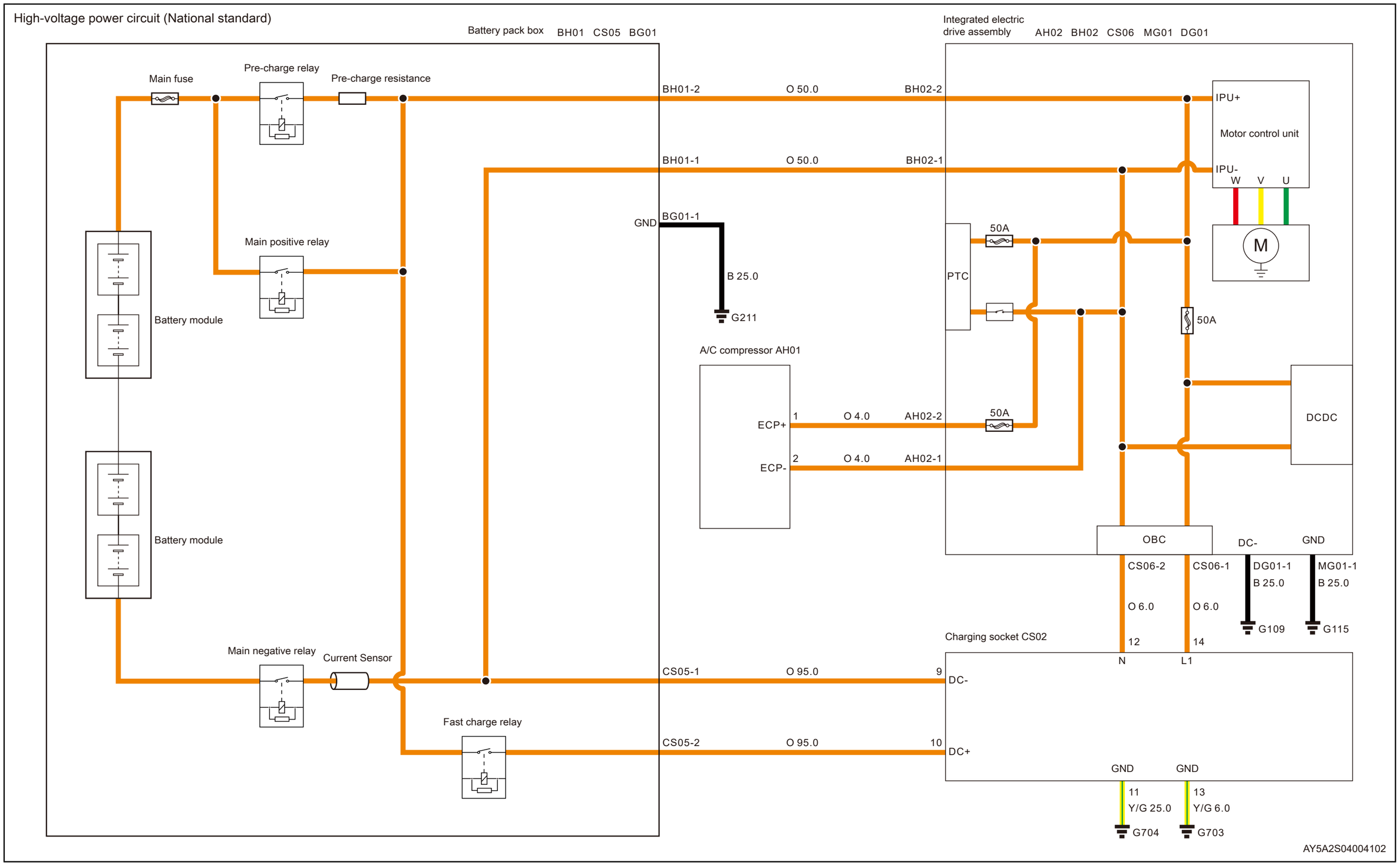
Instrument panel electrical box power circuit 2



4.1 High-voltage power circuit (European standard)

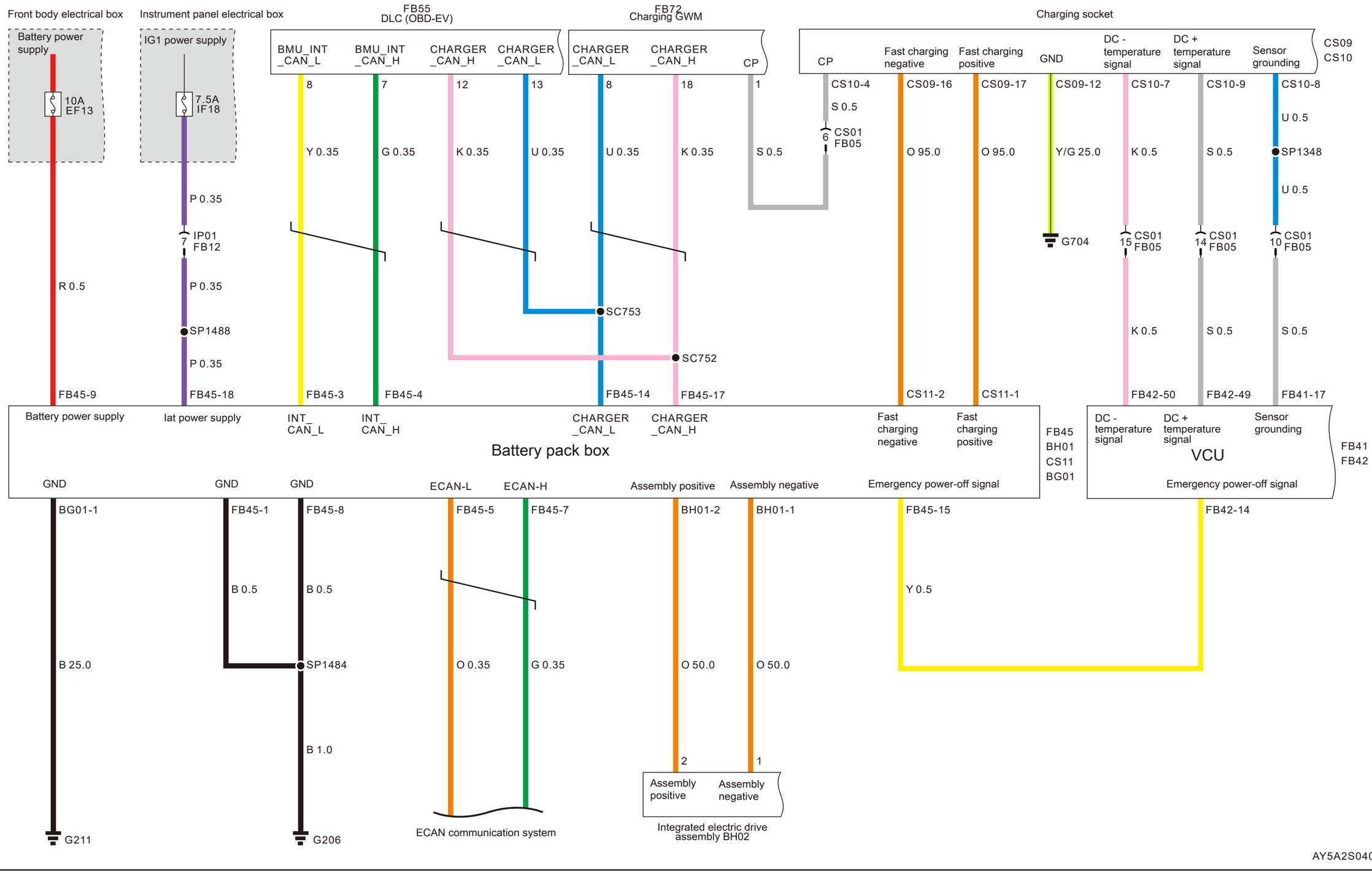


4.2 High-voltage power circuit (National standard)



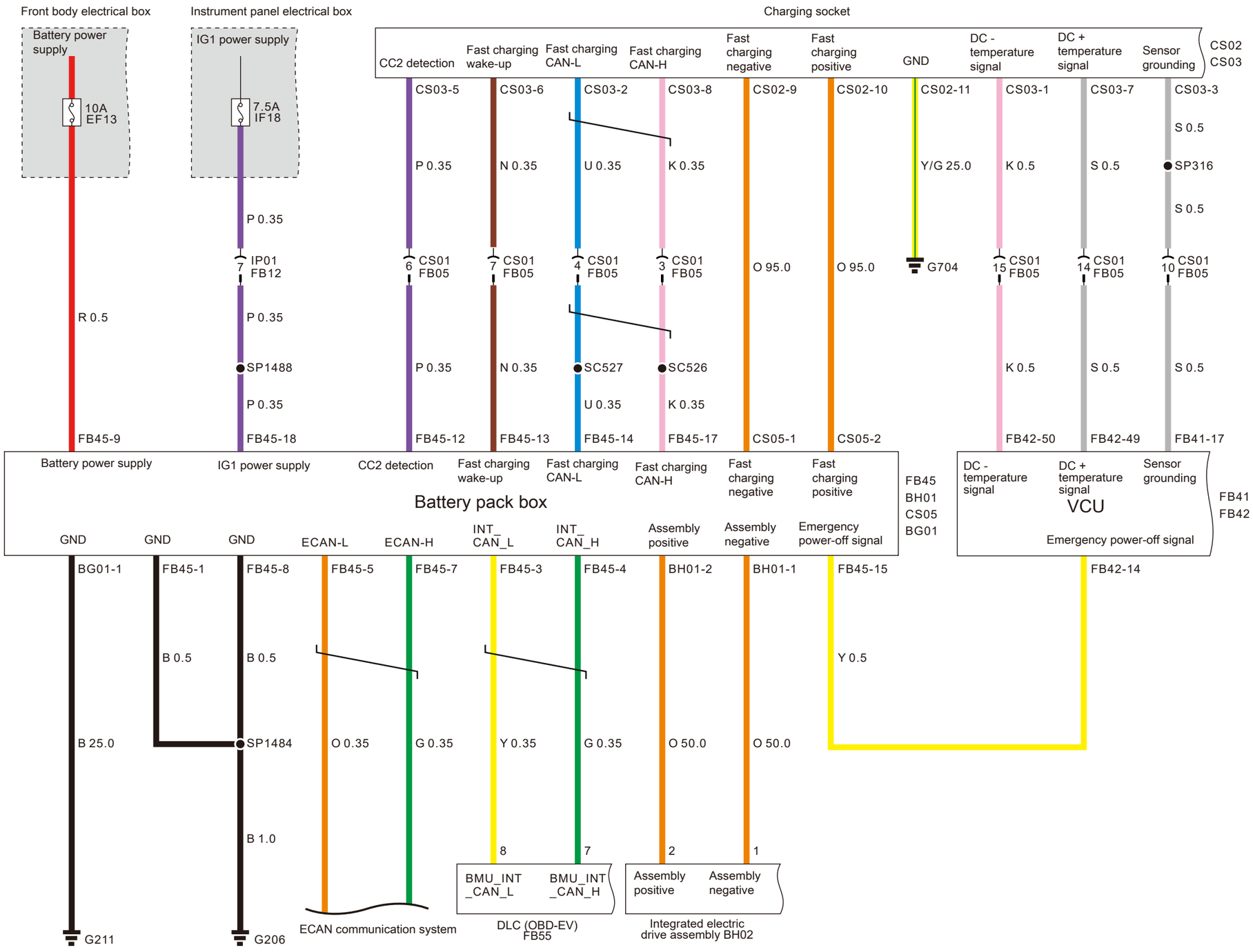
4.3 Battery management and fast charging system (European standard)

Battery management and fast charging system (European standard)



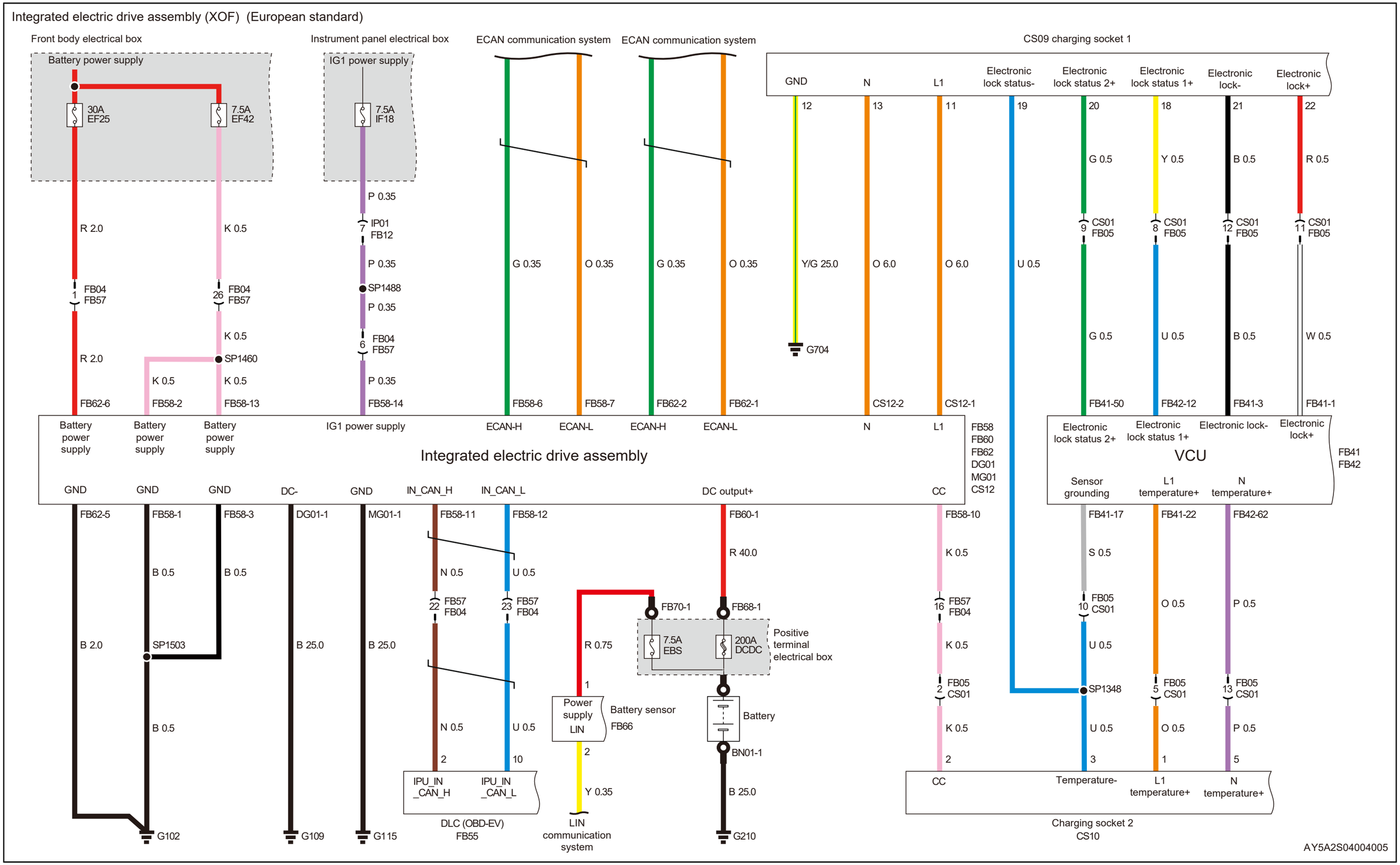
4.4 Battery management and fast charging system (National standard)

Battery management and fast charging system (National standard)

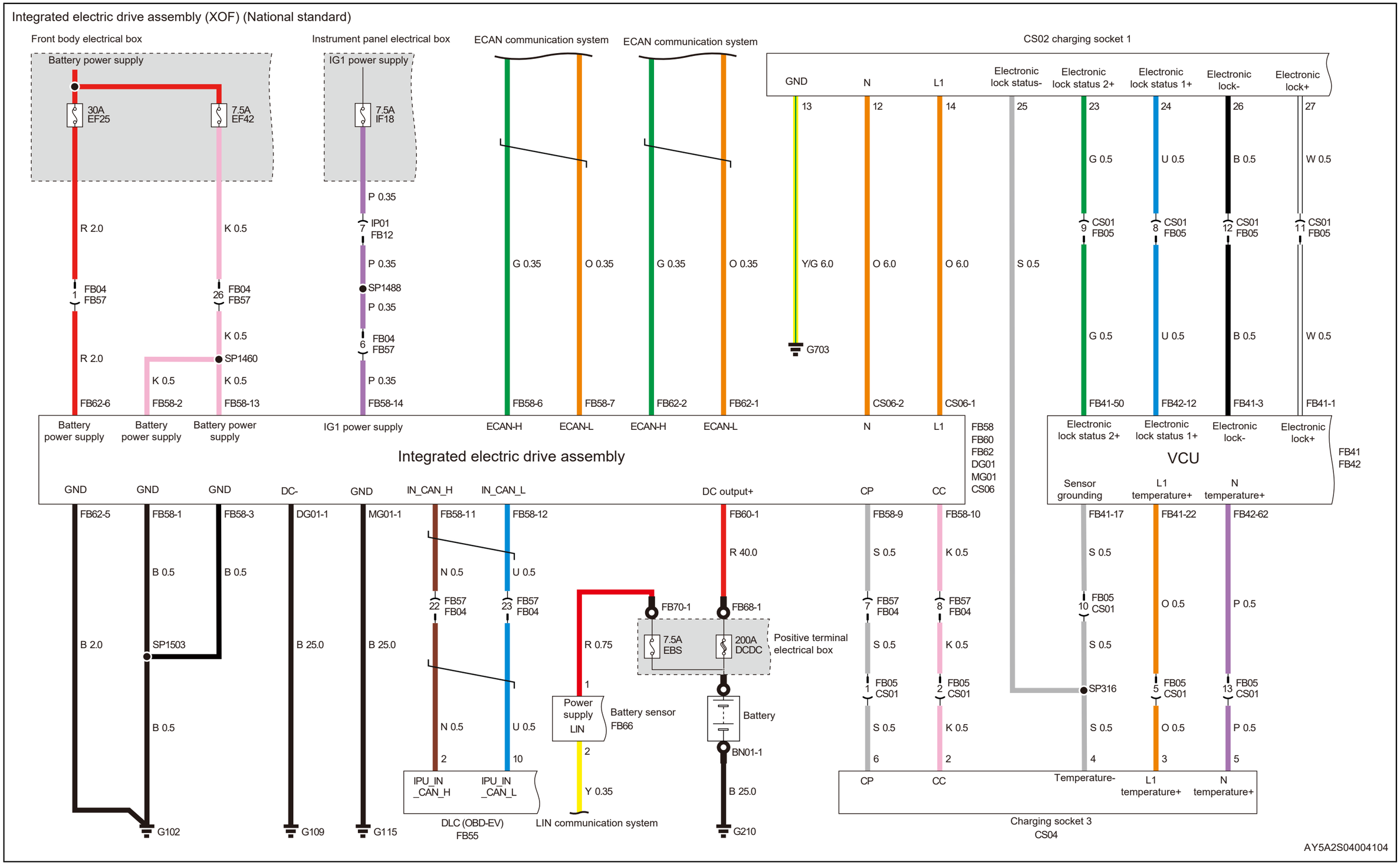


AY5A2S04004103

4.5 Integrated electric drive assembly (XOF) 3 (European standard)

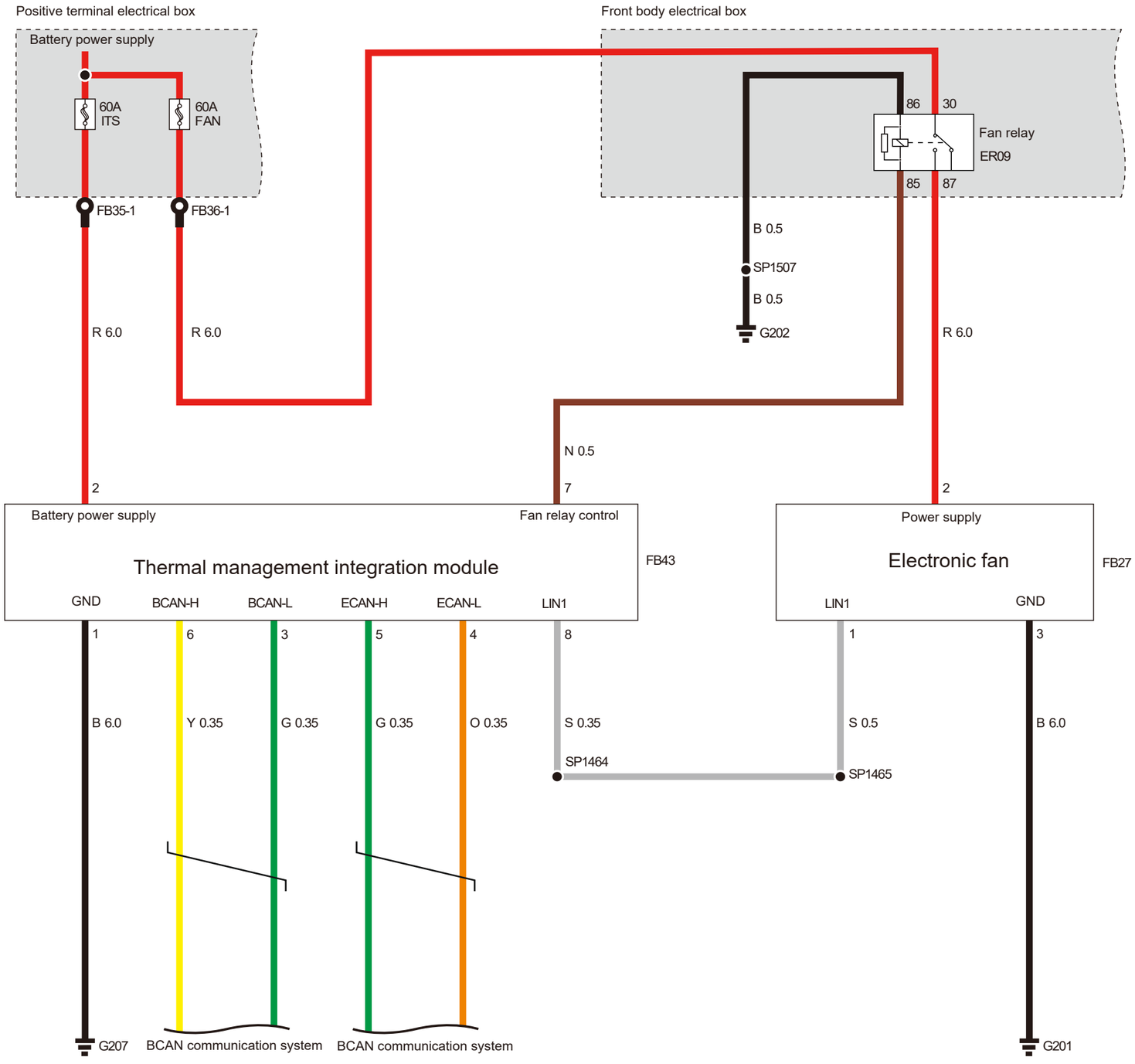


4.6 Integrated electric drive assembly (XOF) (National standard)



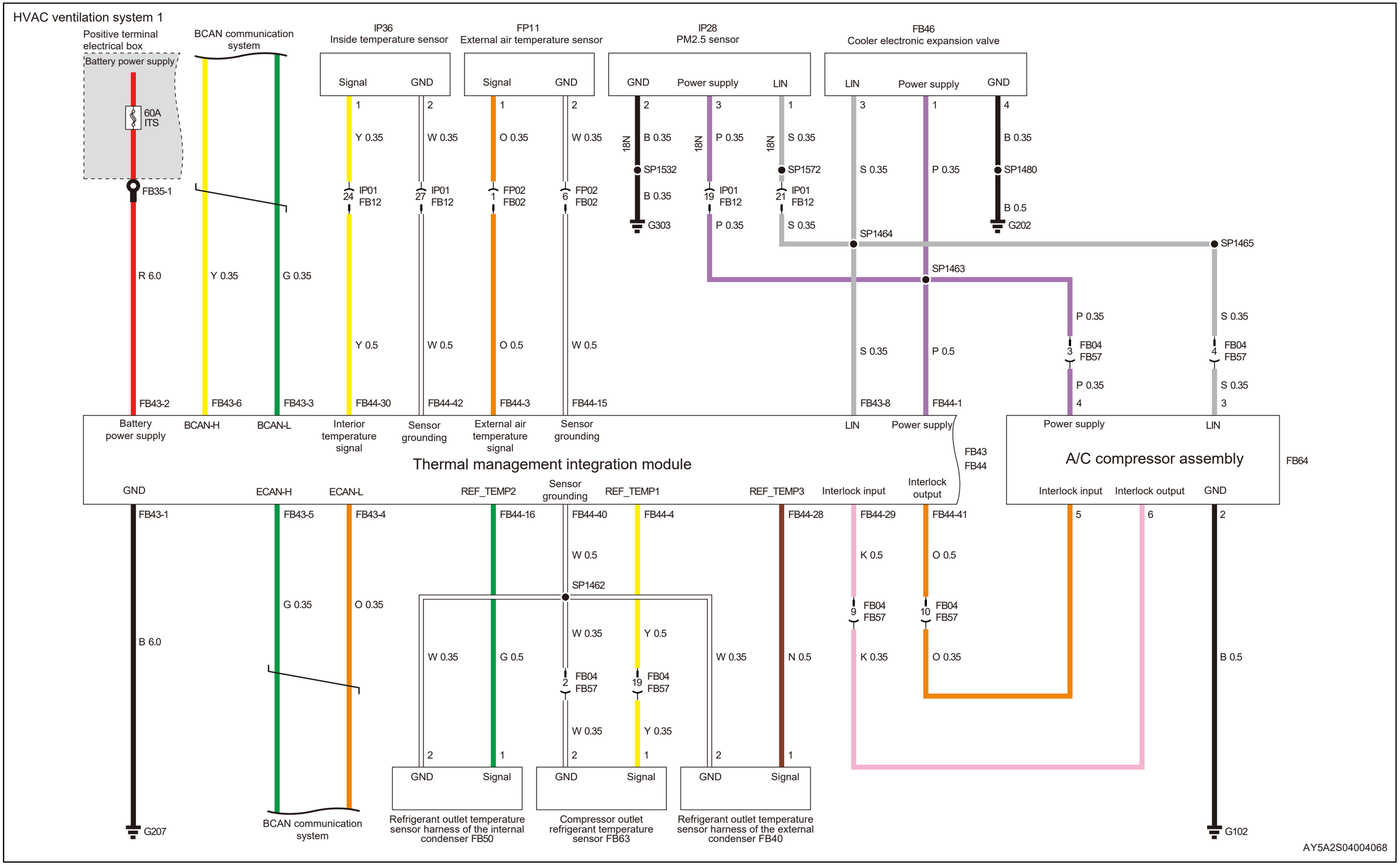
4.7 Integrated TGW system

Integrated TGW System



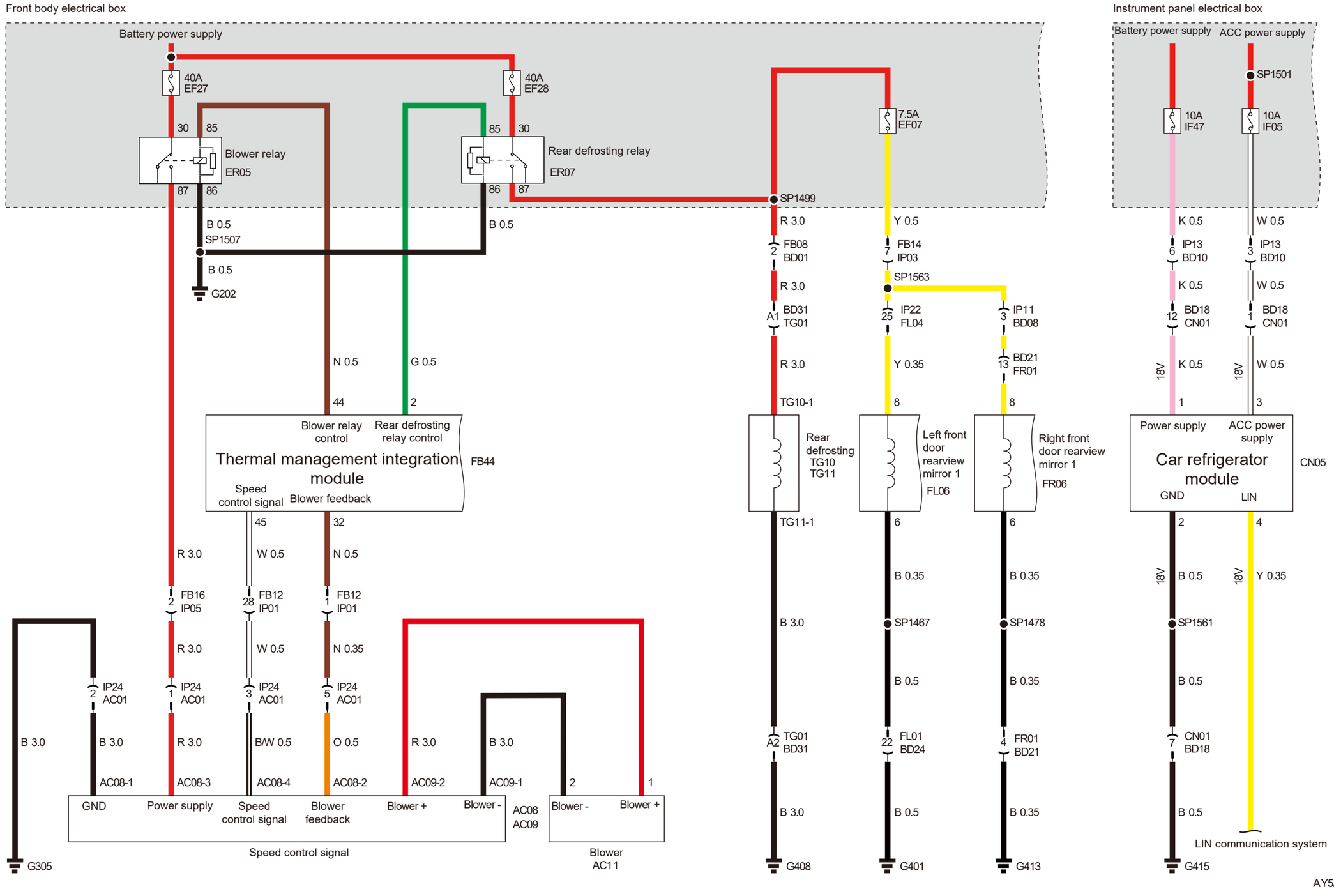
AY5A2S04004075

4.8 HVAC ventilation system 1



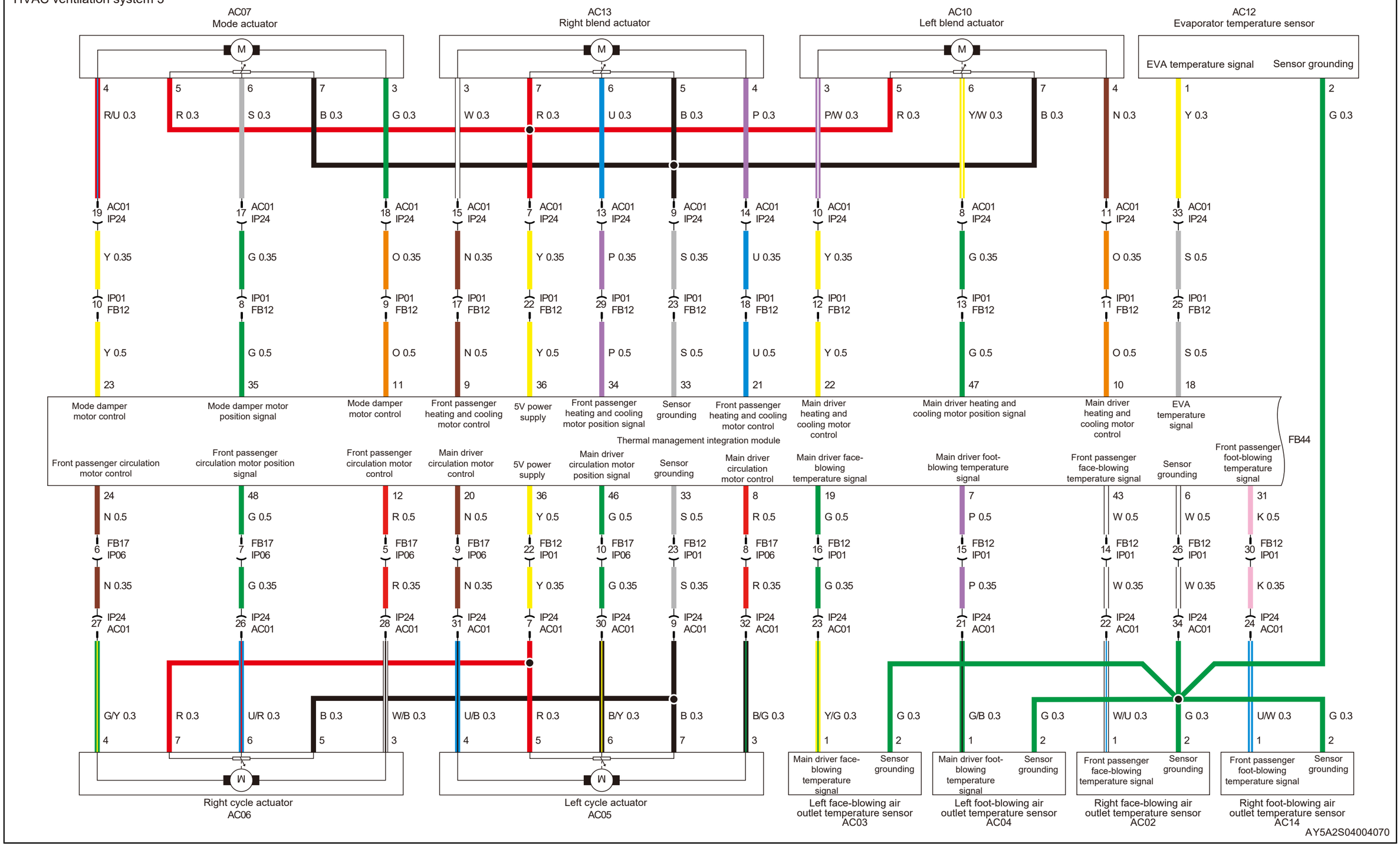
4.9 HVAC ventilation system 2

HVAC ventilation system 2



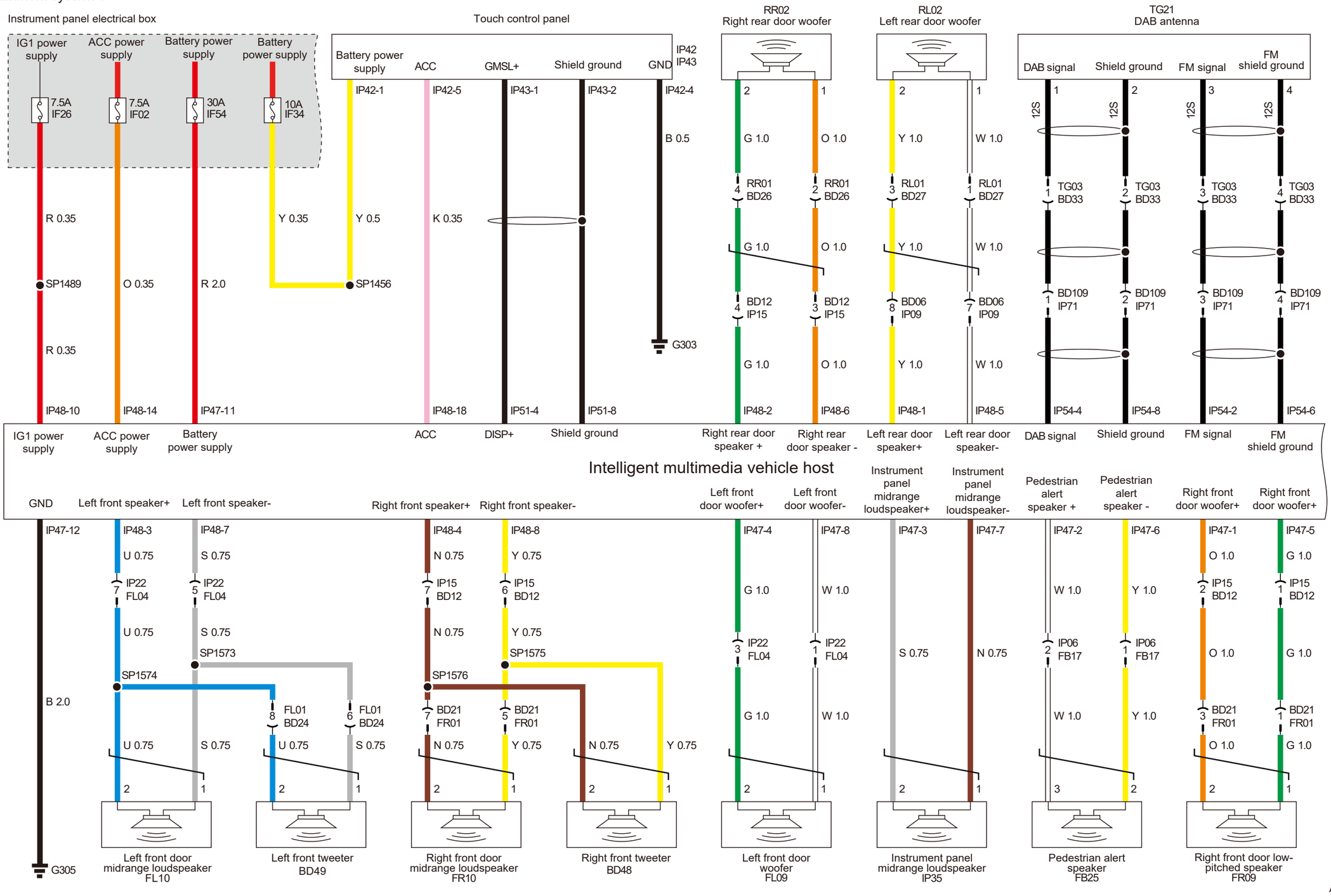
4.10 HVAC ventilation system 3

HVAC ventilation system 3



4.11 AV entertainment 1

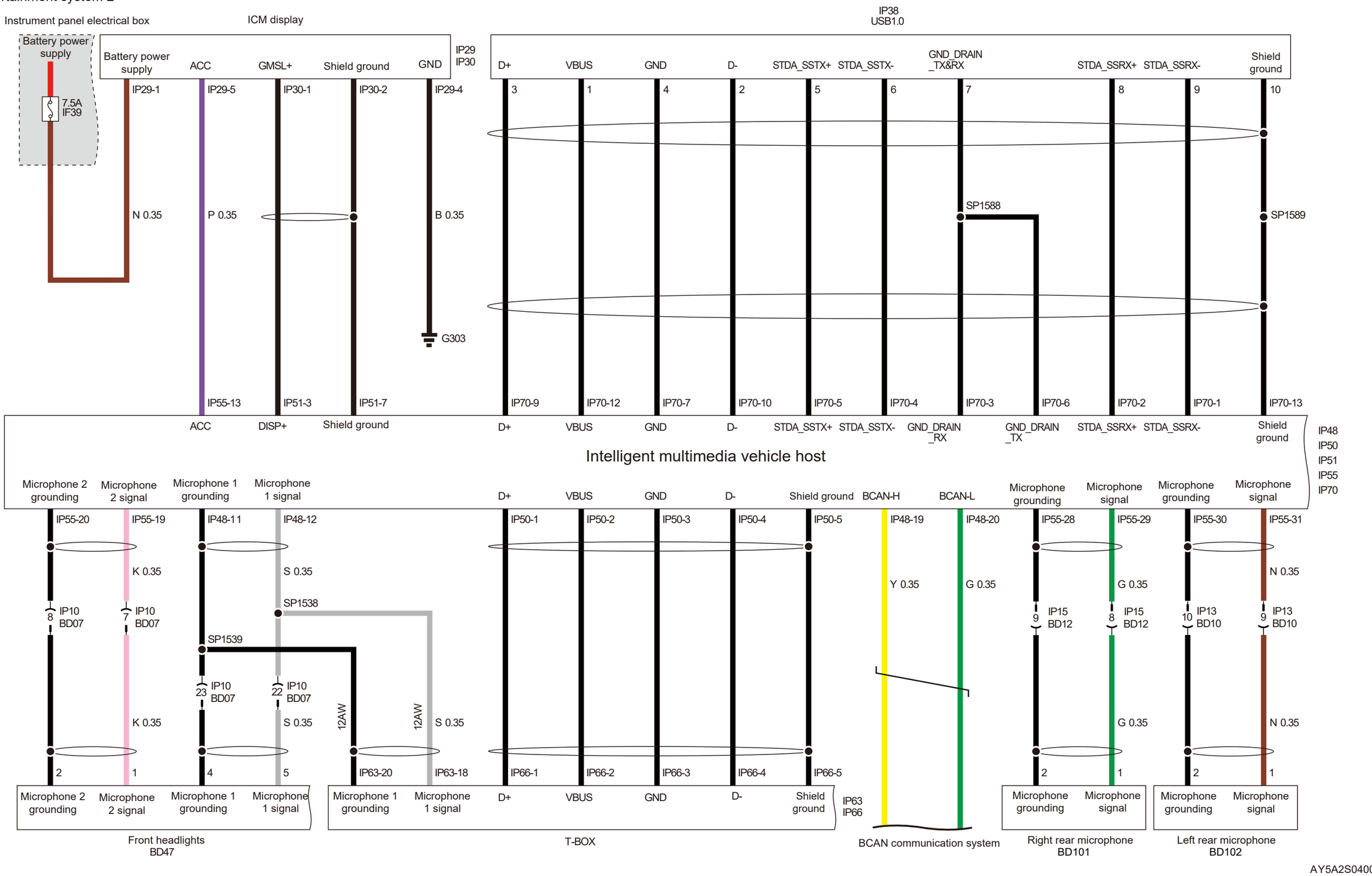
AV entertainment system 1



AY5A2S04004006

4.12 AV entertainment 2

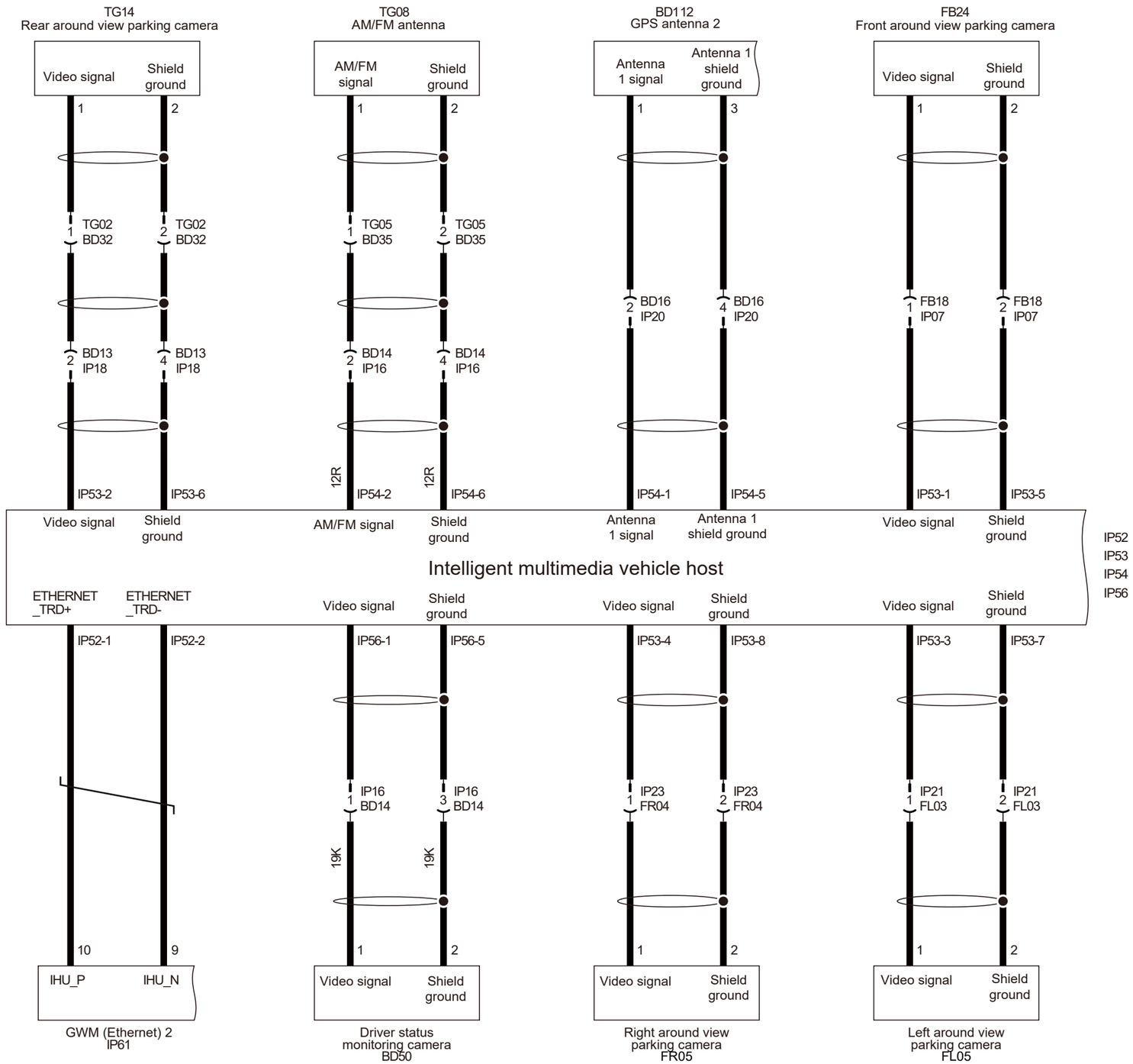
AV entertainment system 2



AY5A2S04004007

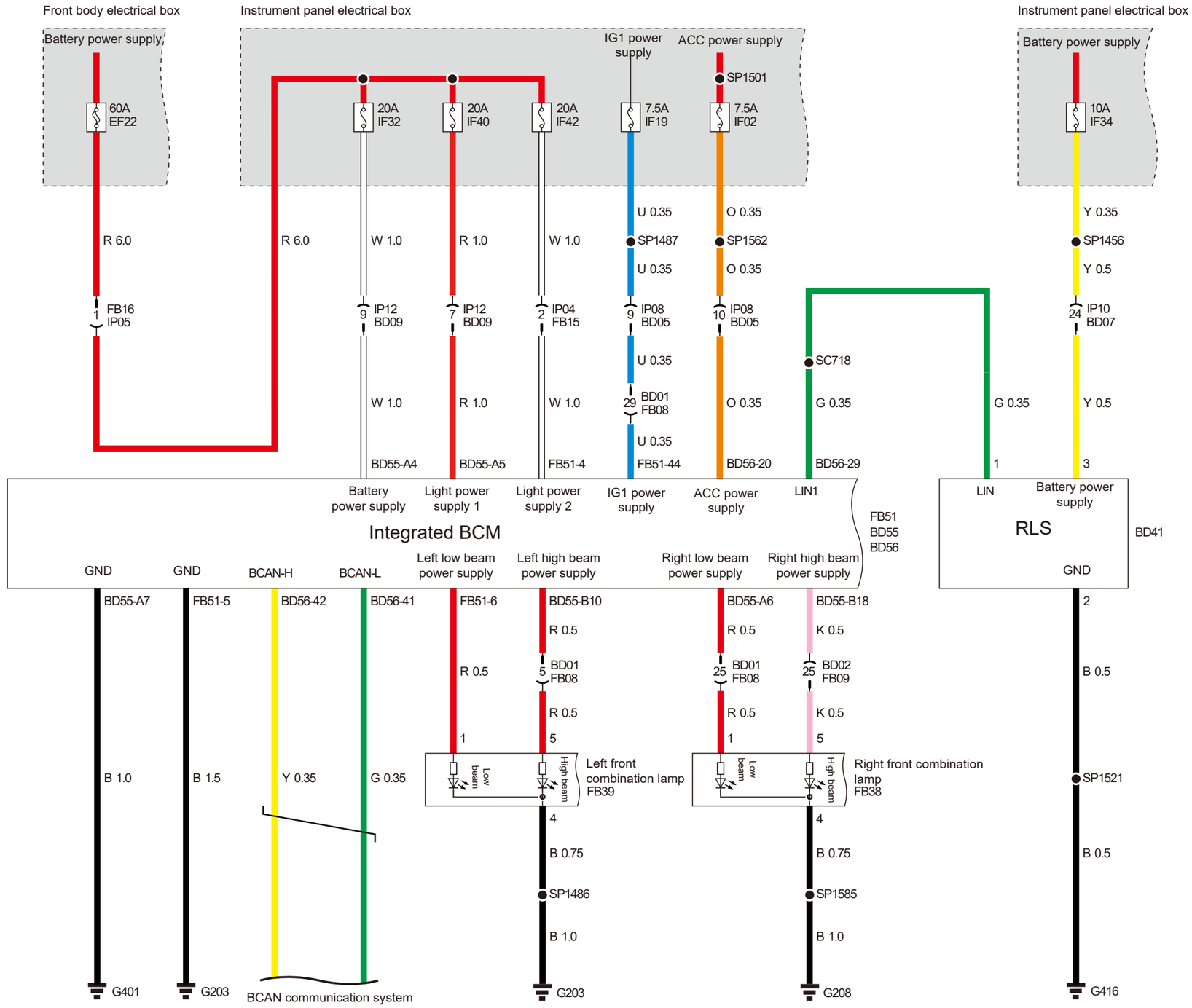
4.13 AV entertainment 3

AV entertainment system 3



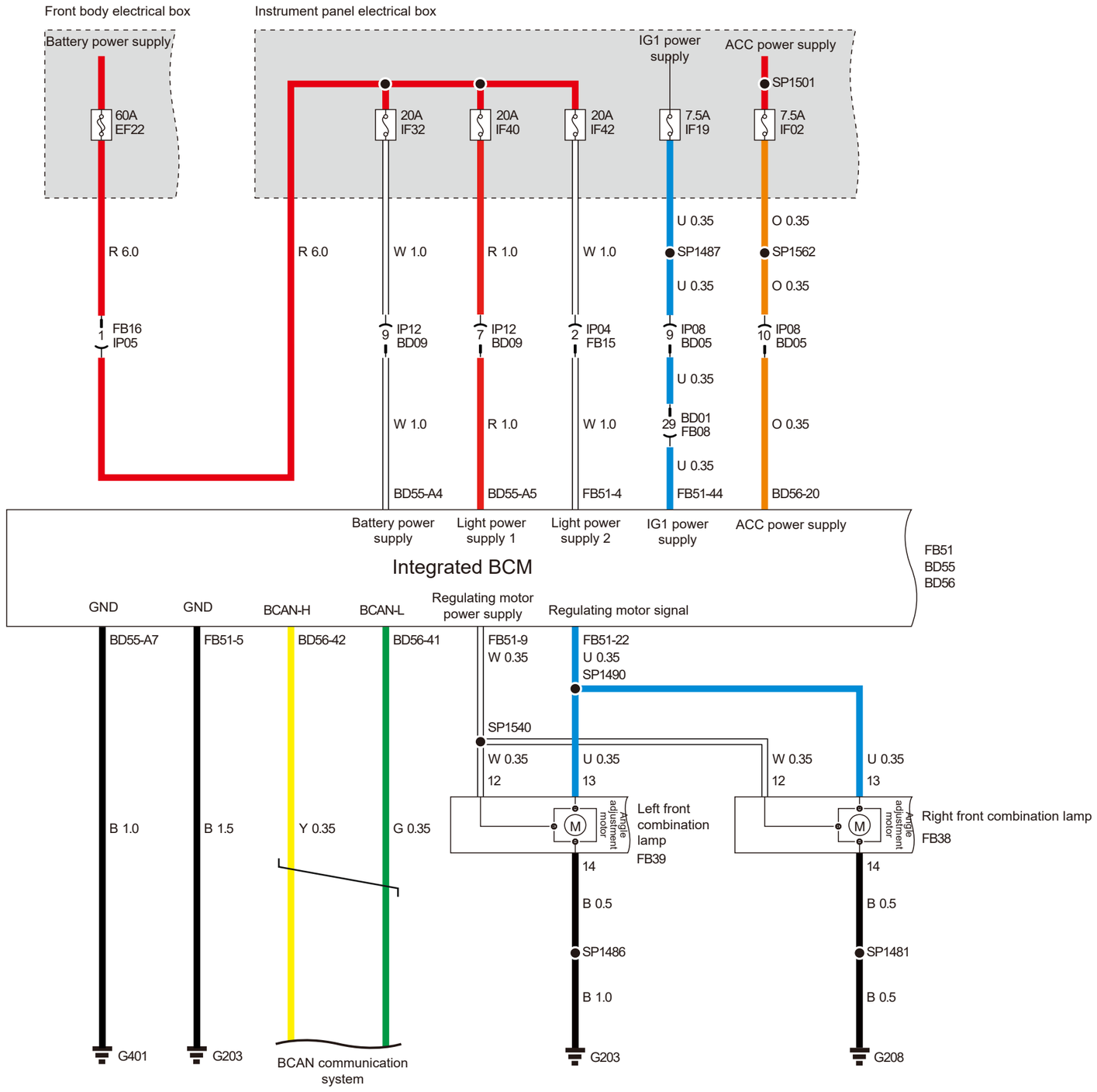
4.14 High and low beam

High and low beam



4.15 Manual headlamp leveling

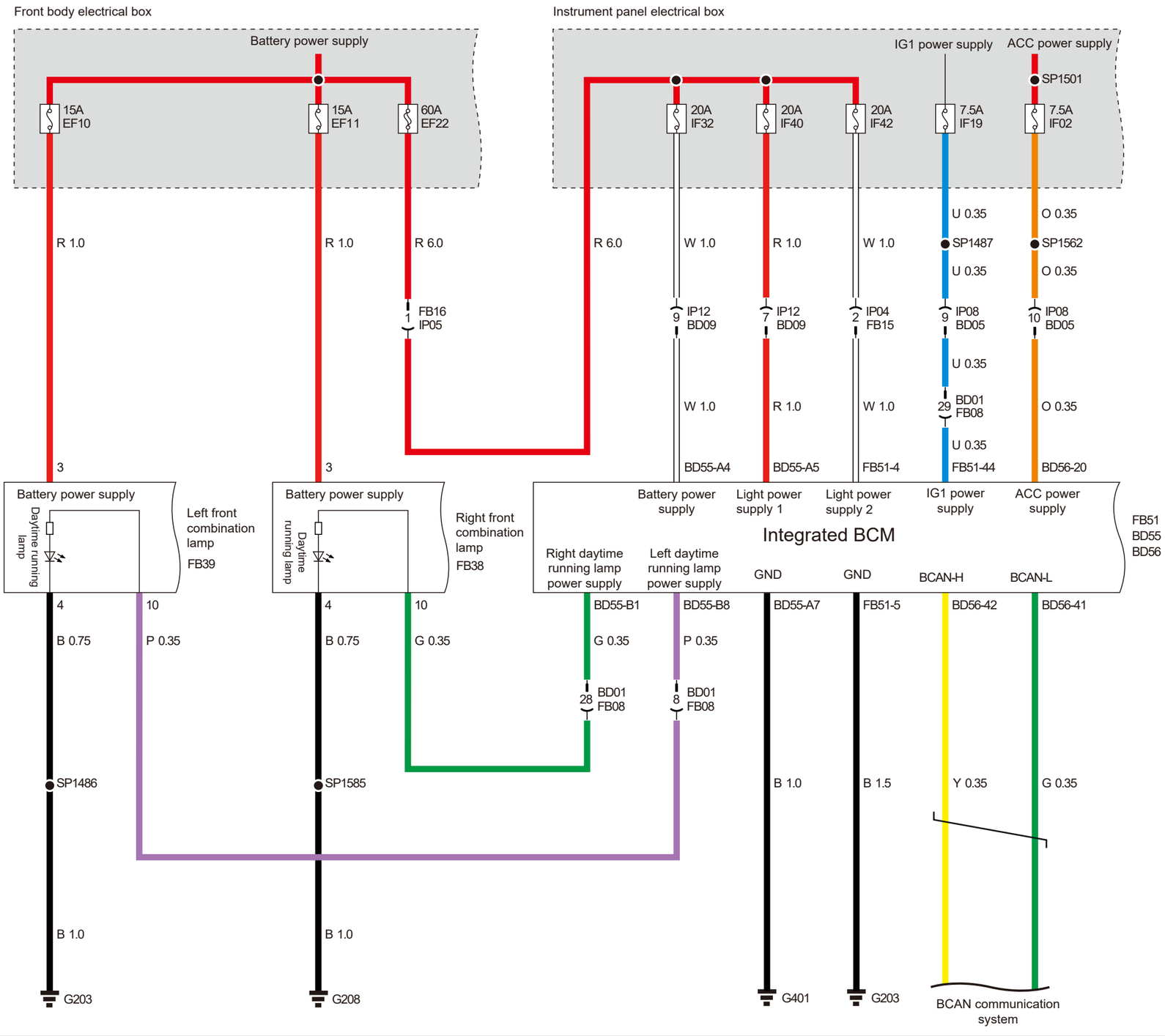
Manual headlamp leveling



AY5A2S04004010

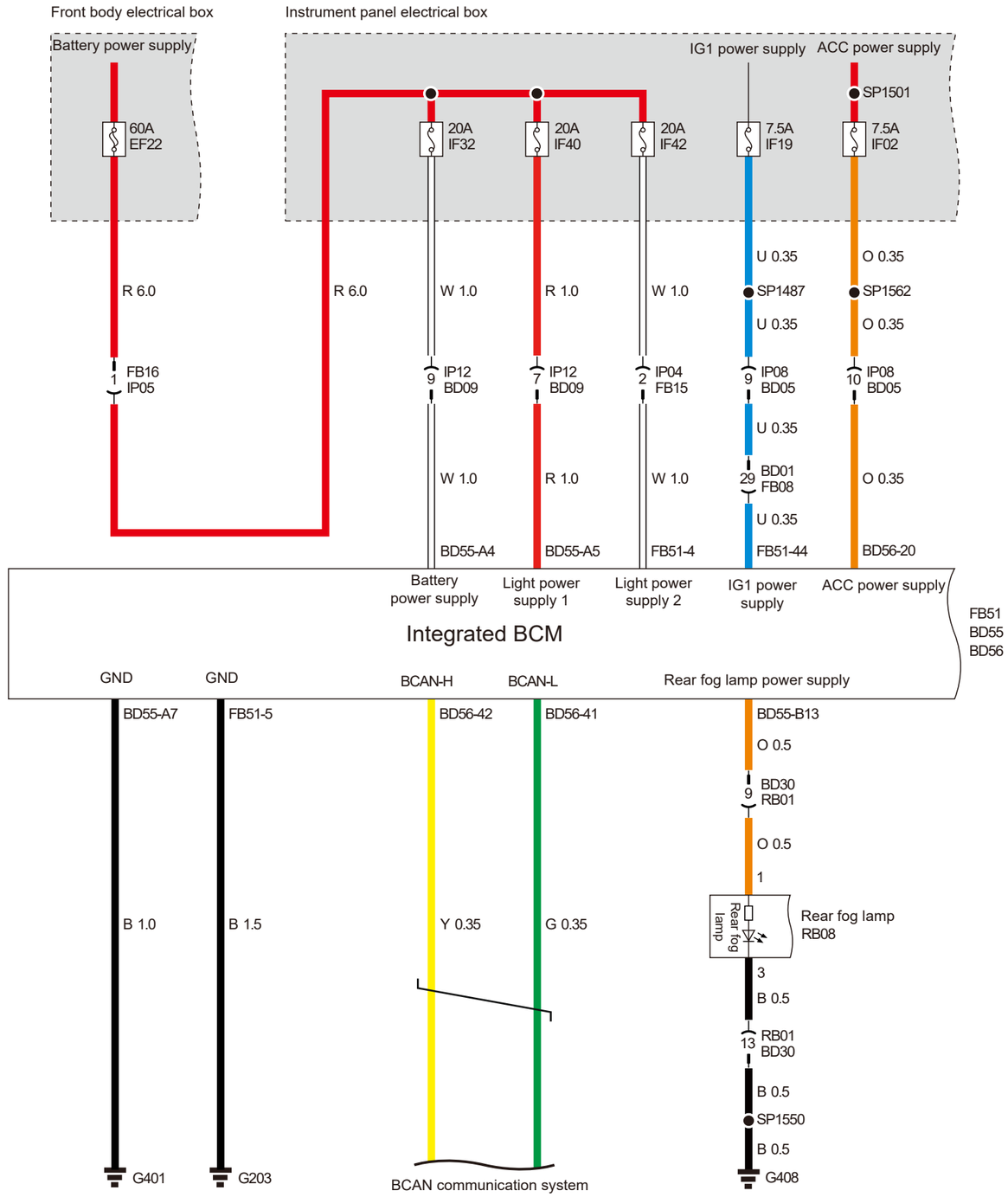
4.16 Daytime running lamp

Daytime running lamp



4.17 Rear fog lamp

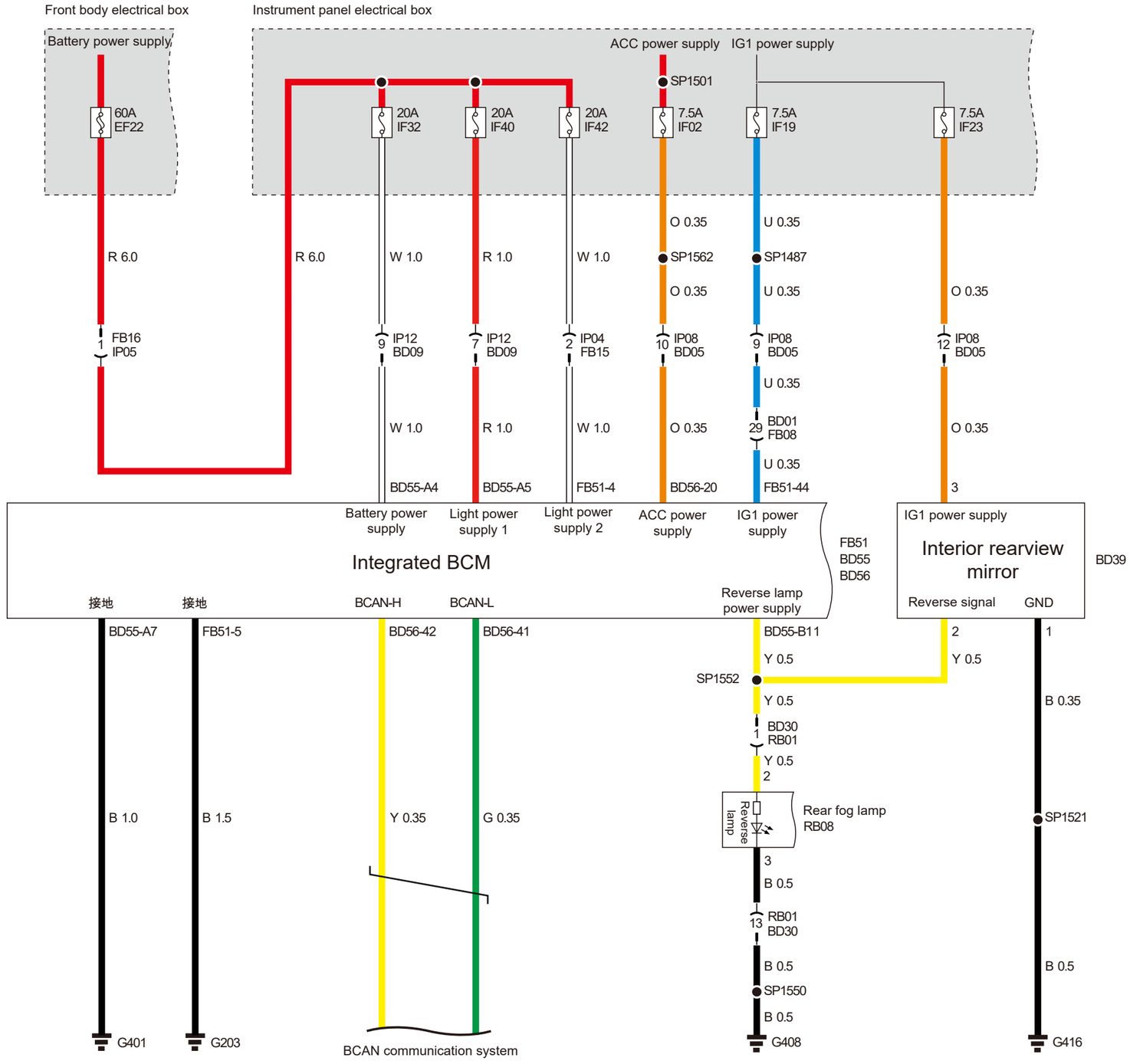
Rear fog lamp



AY5A2S04004012

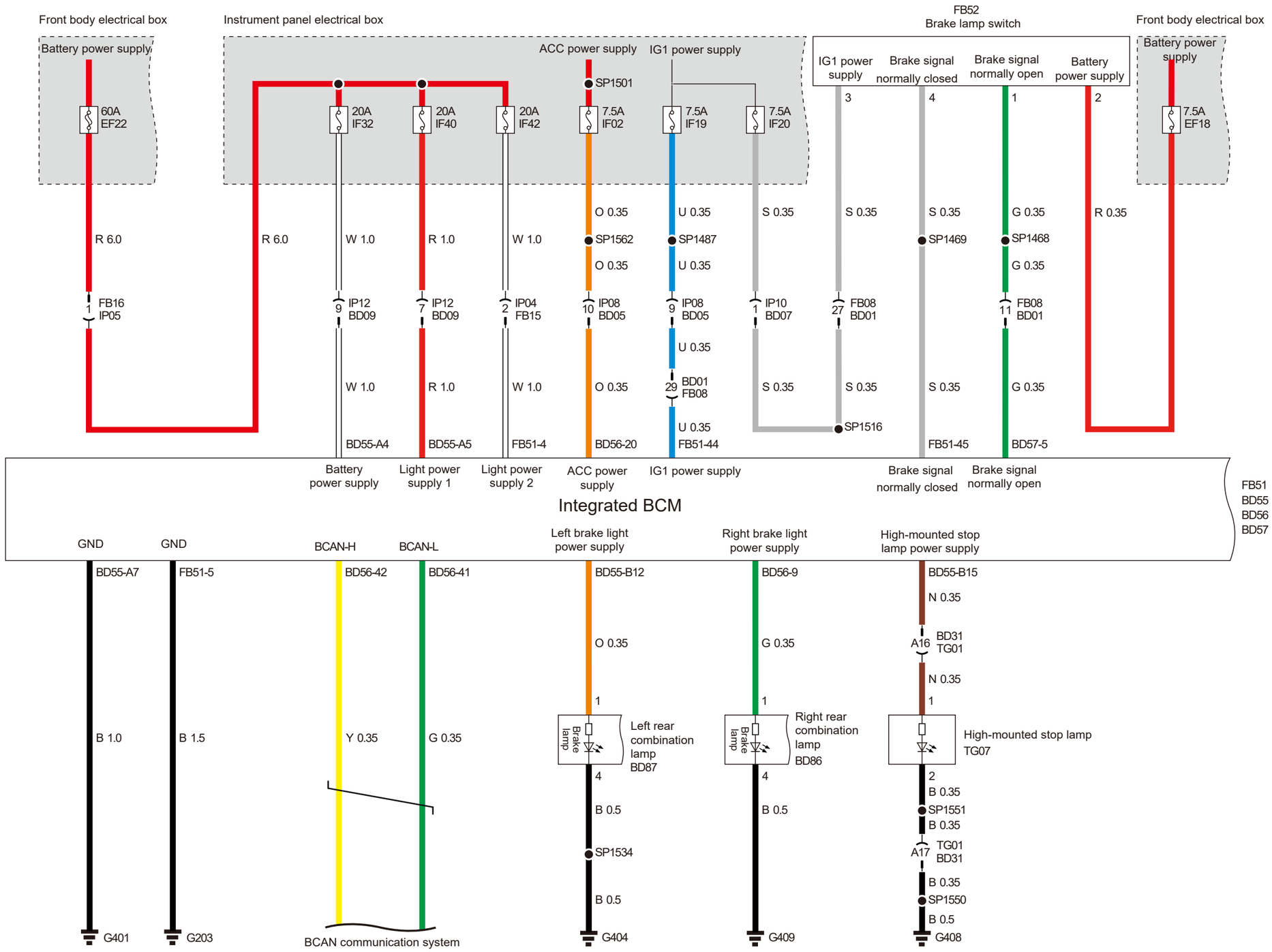
4.18 Reverse lamp and anti-glare interior mirror

Reverse lamp and anti-glare interior mirror



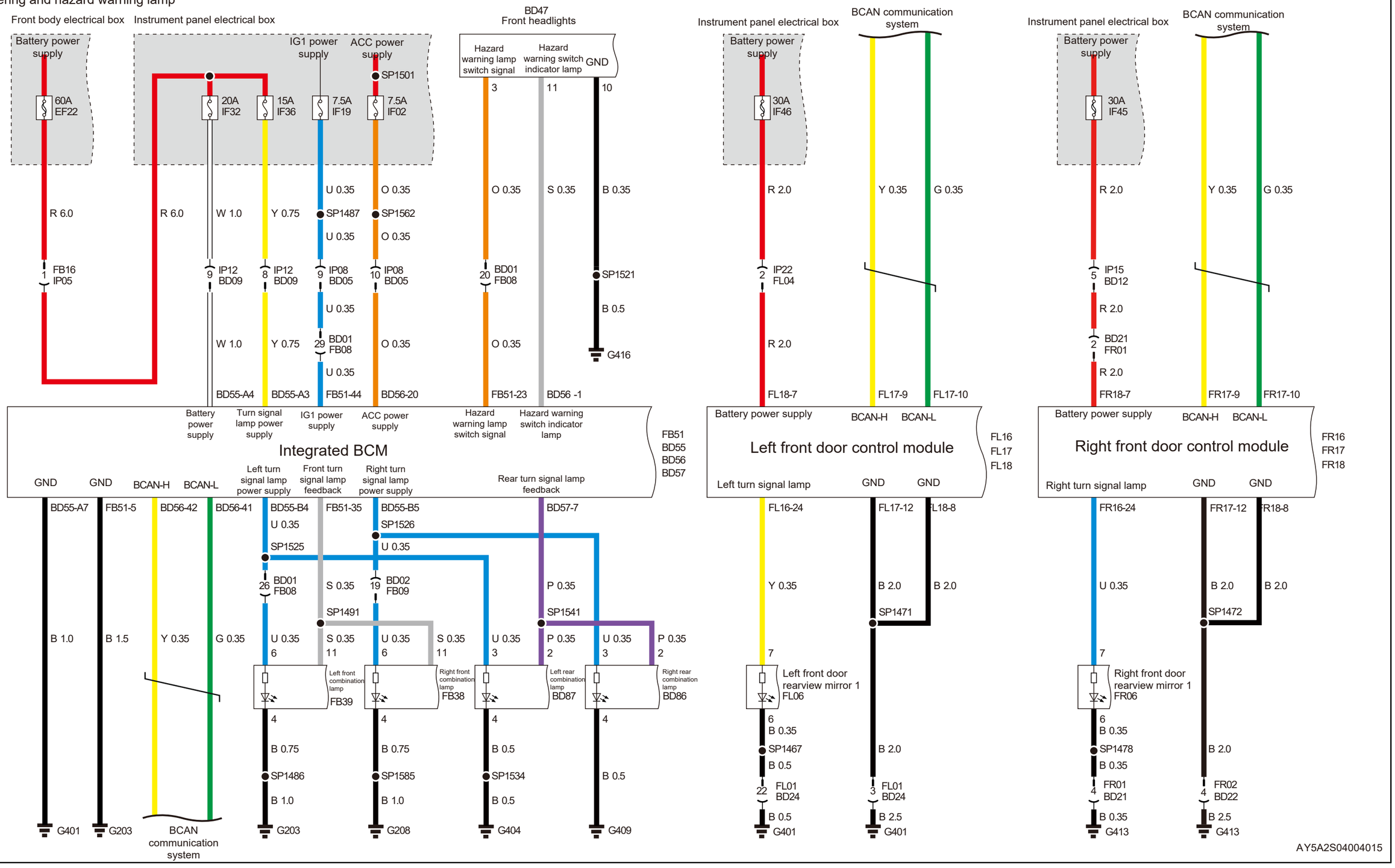
4.19 Brake lamp

Brake lamp

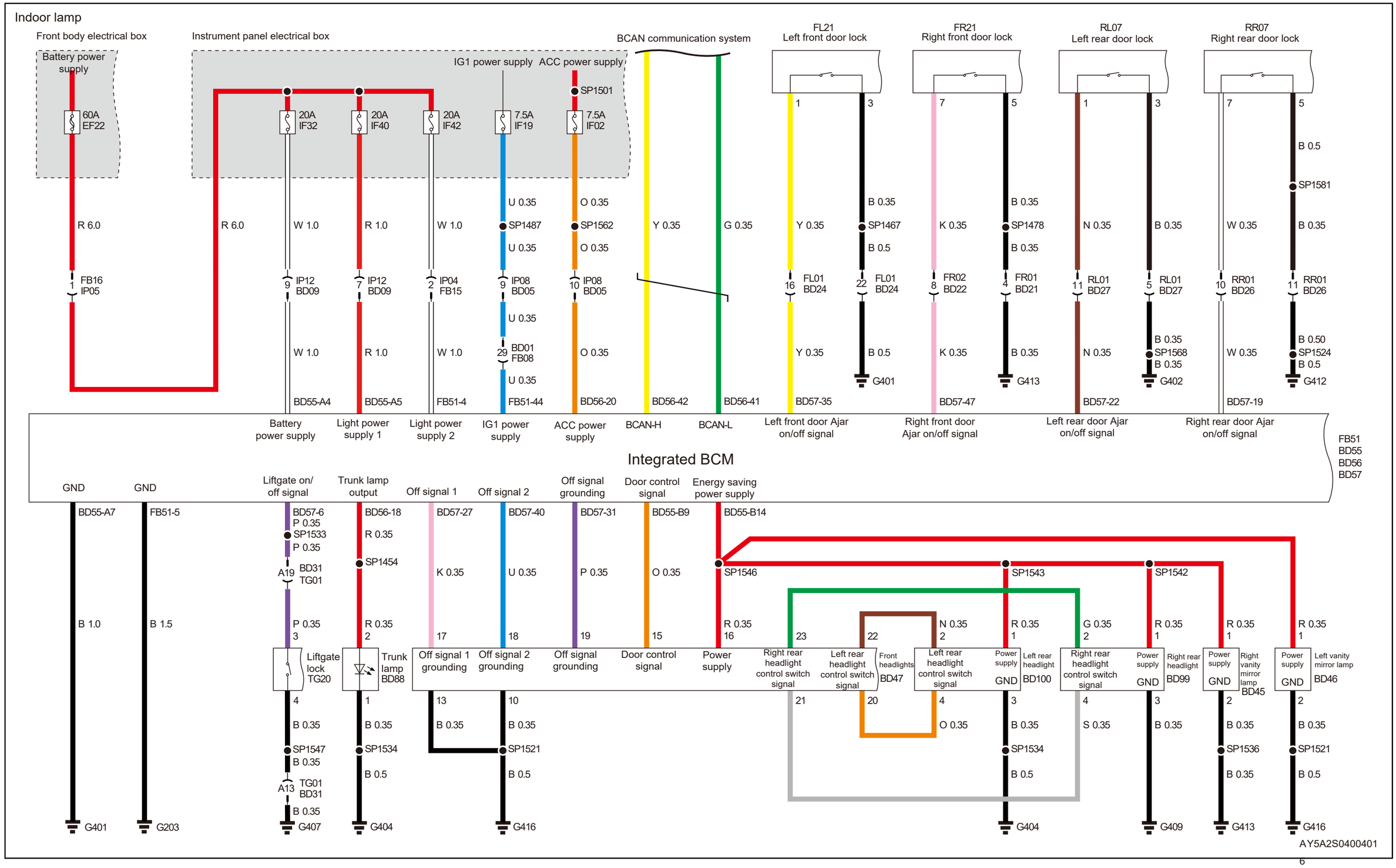


4.20 Steering and hazard warning lamp

Steering and hazard warning lamp

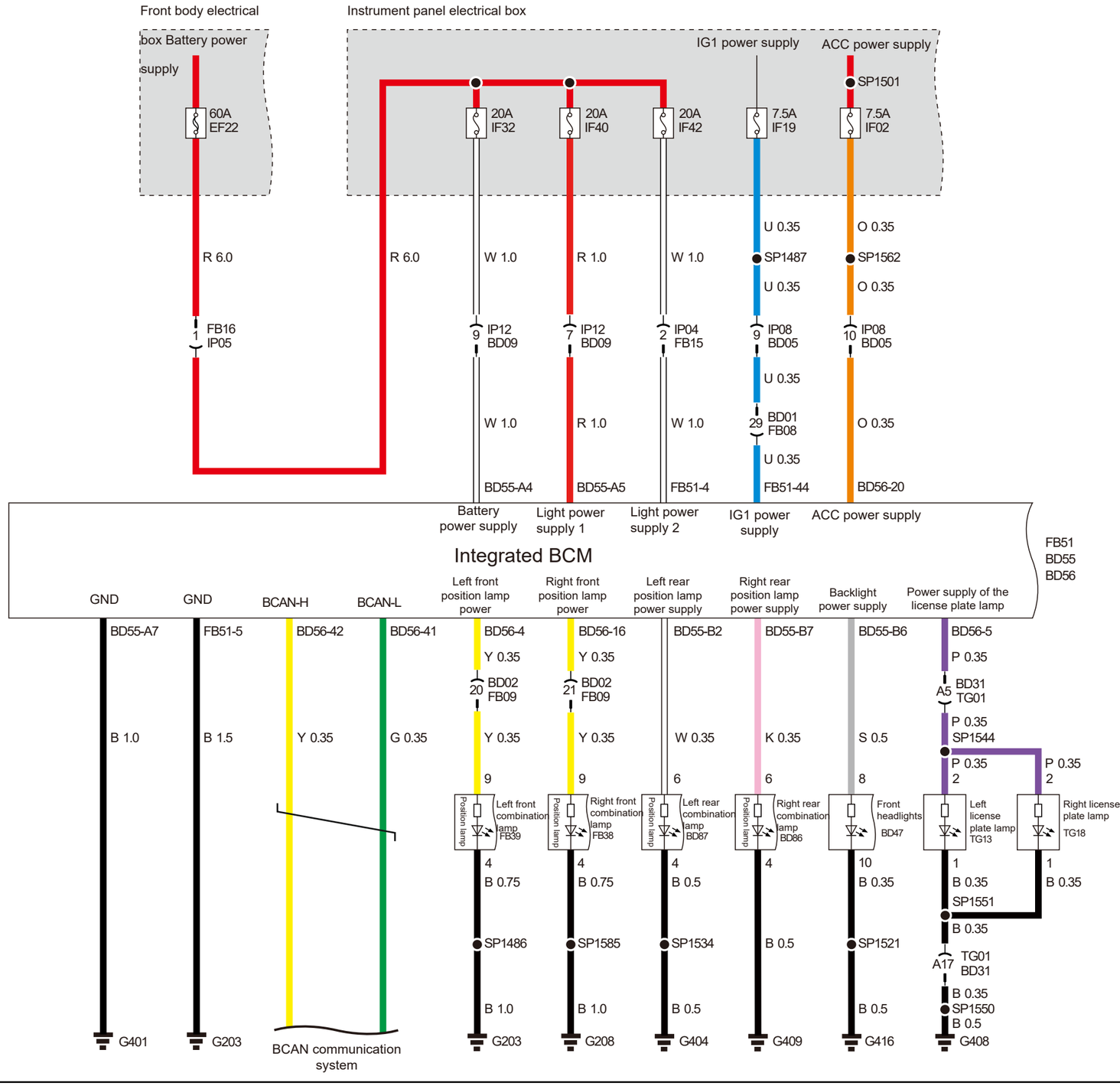


4.21 Indoor lamp



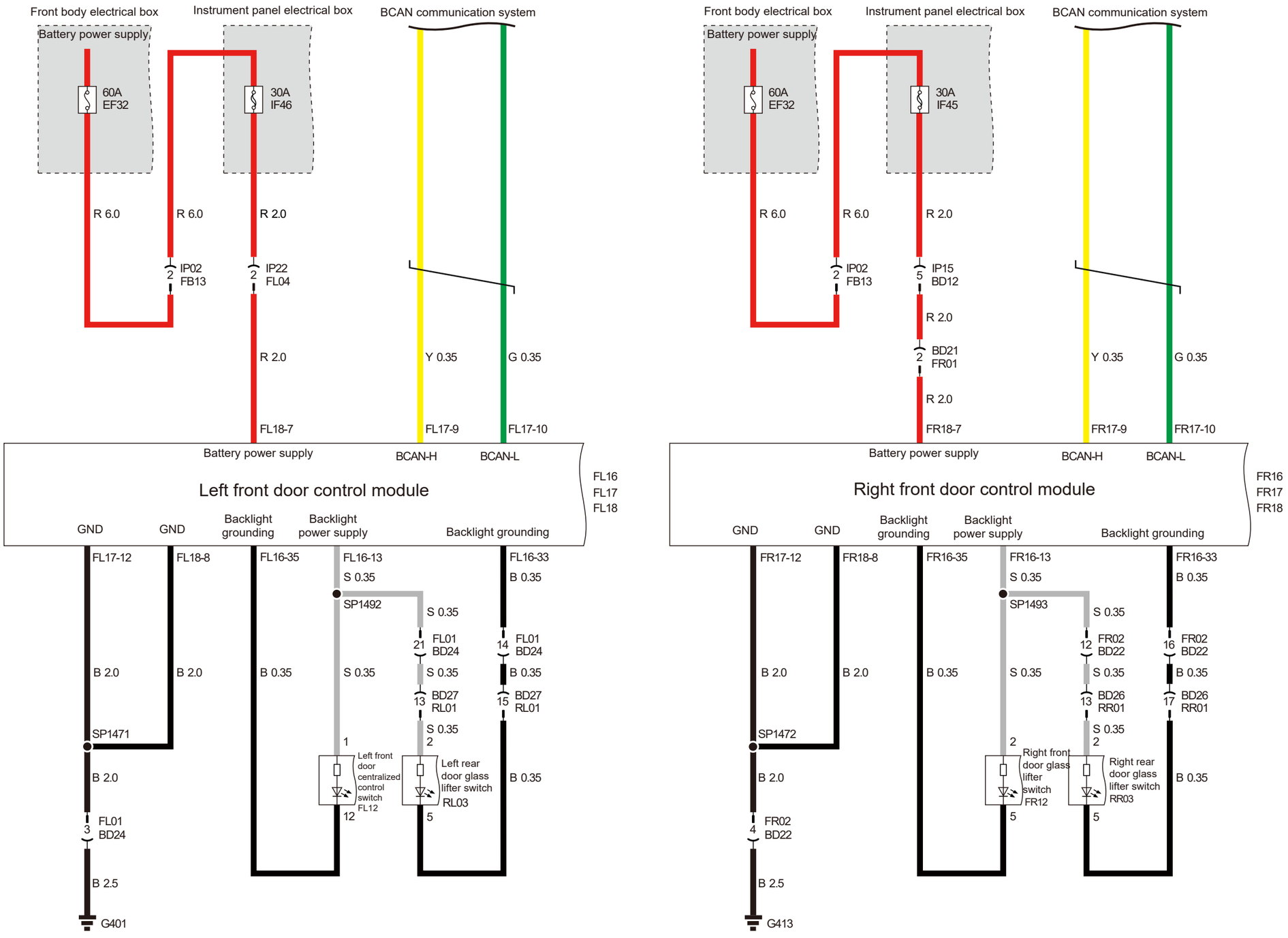
4.22 Lamp and backlight system 1

Lamp and backlight system 1



4.23 Lamp and backlight system 2

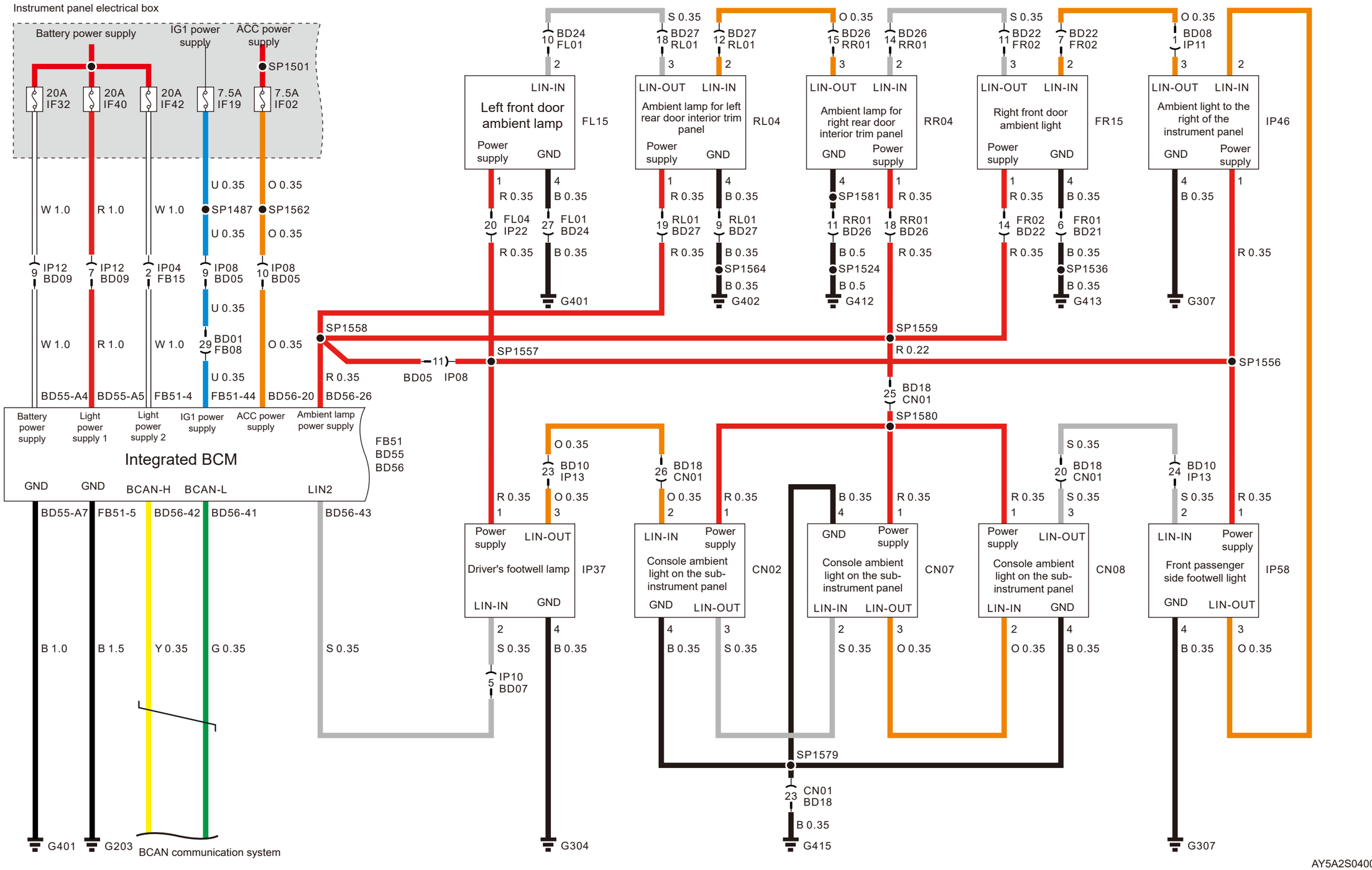
Lamp and backlight system 2



AY5A2S04004018

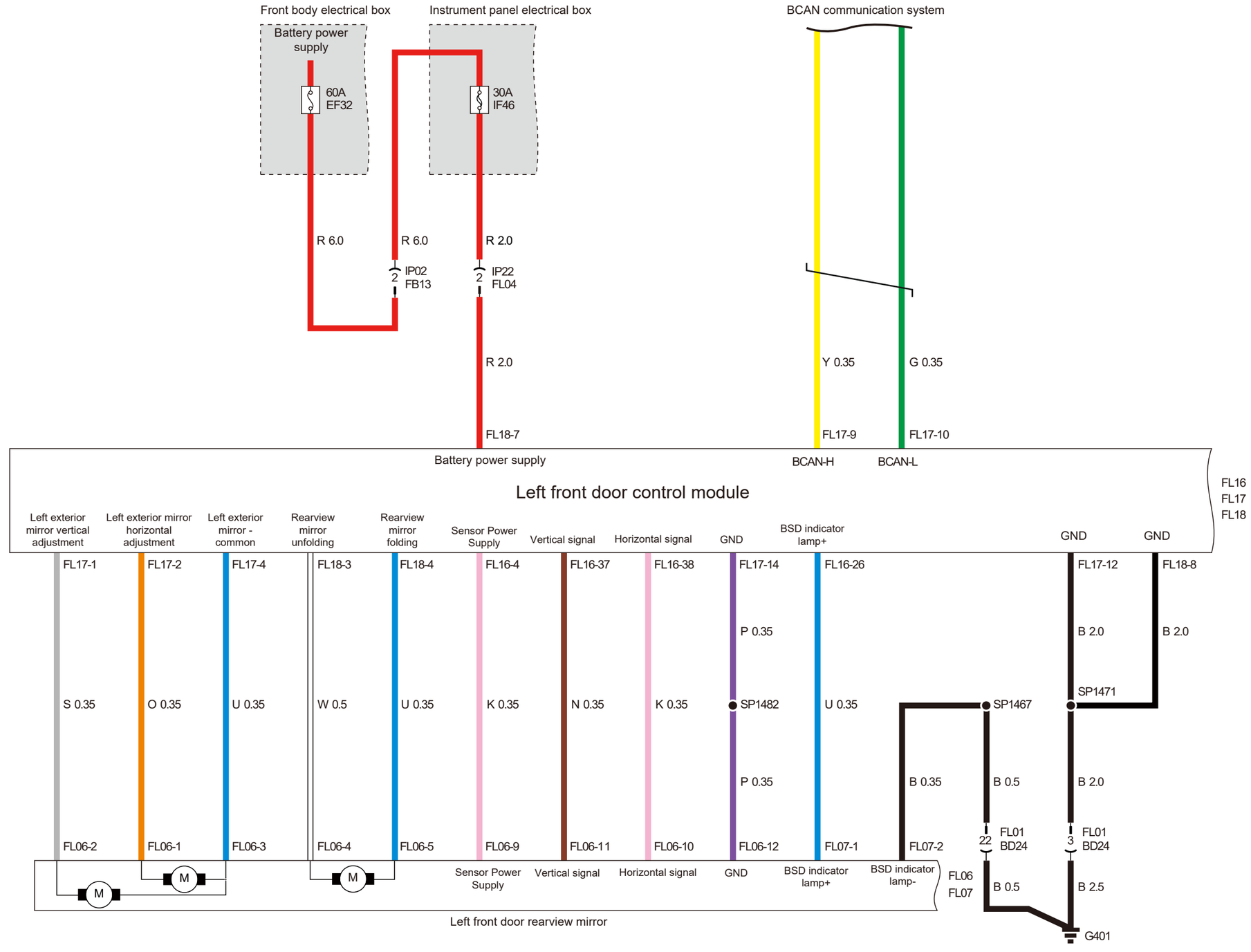
4.24 IAL

Intelligent ambient light



4.25 Power rearview mirror 1

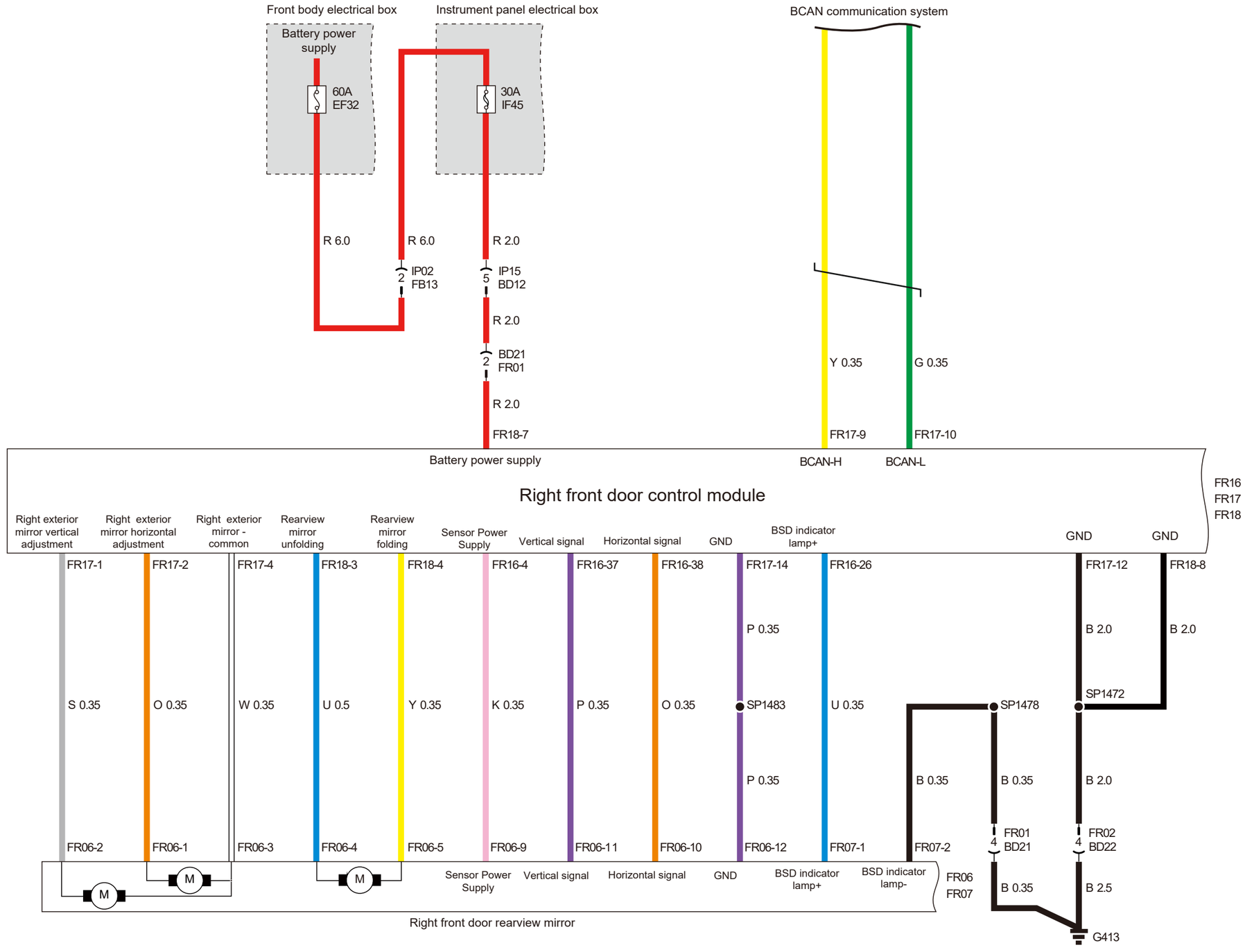
Power rearview mirror 1



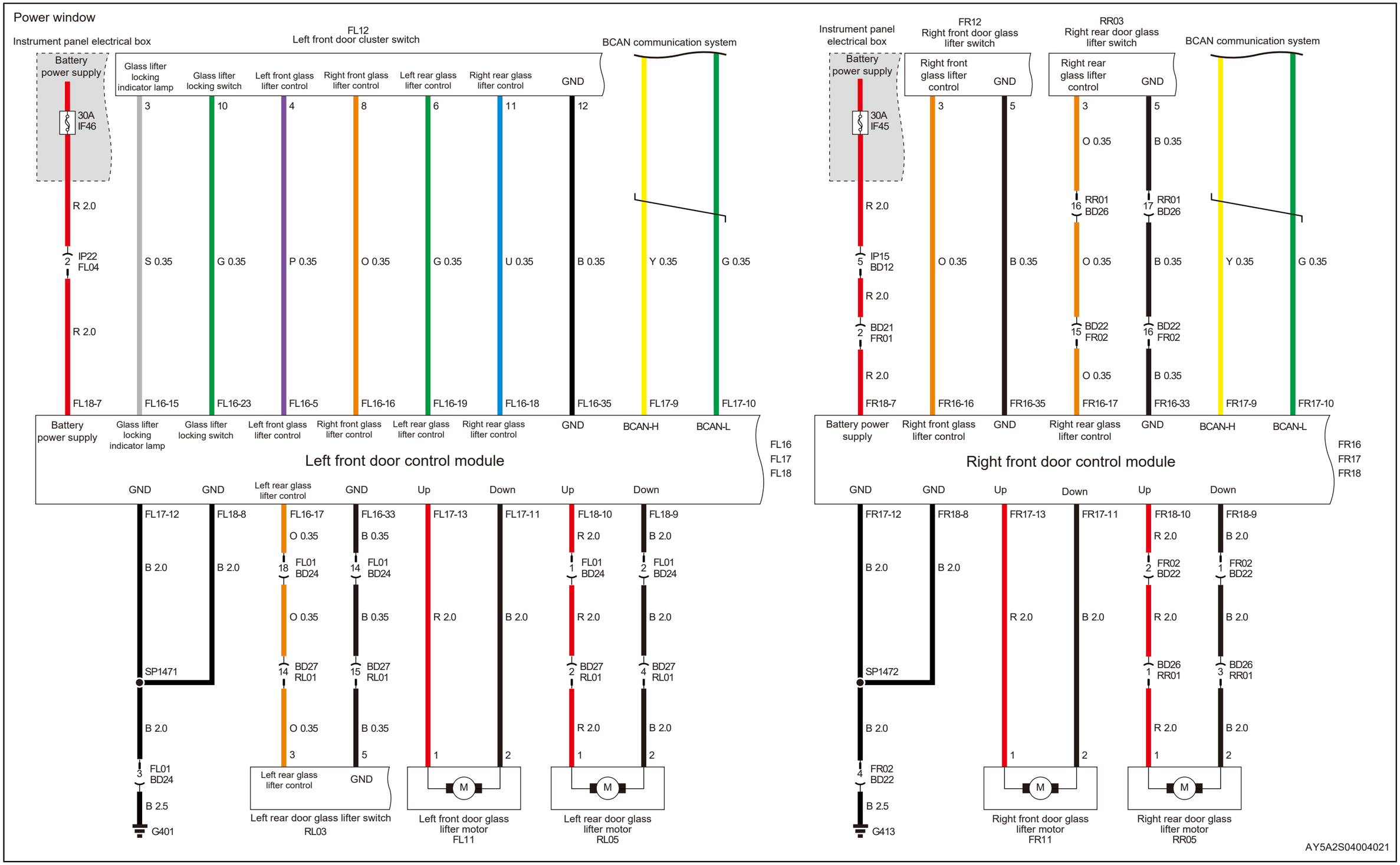
AY5A2S04004020

4.26 Power rearview mirror 2

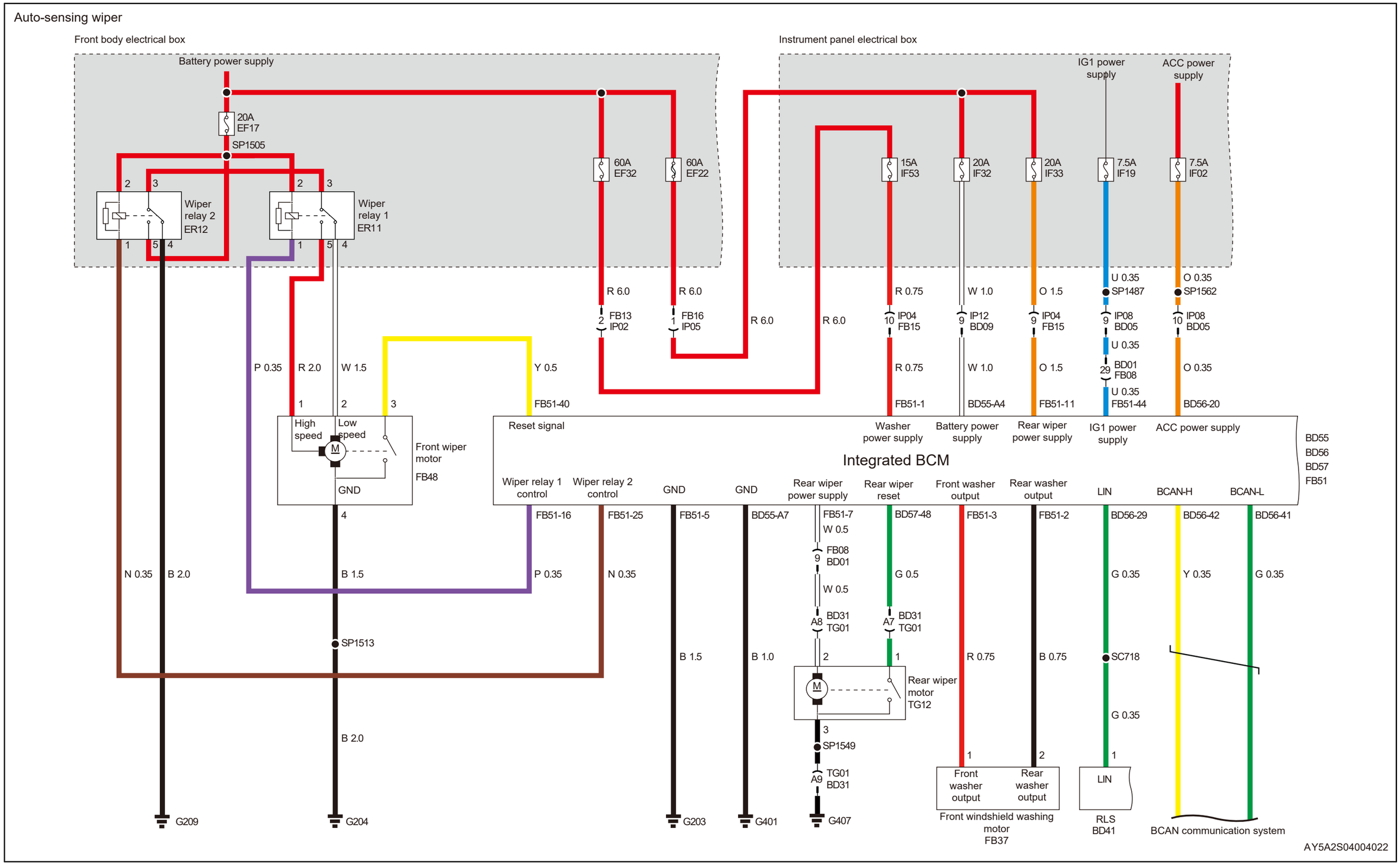
Power rearview mirror 2



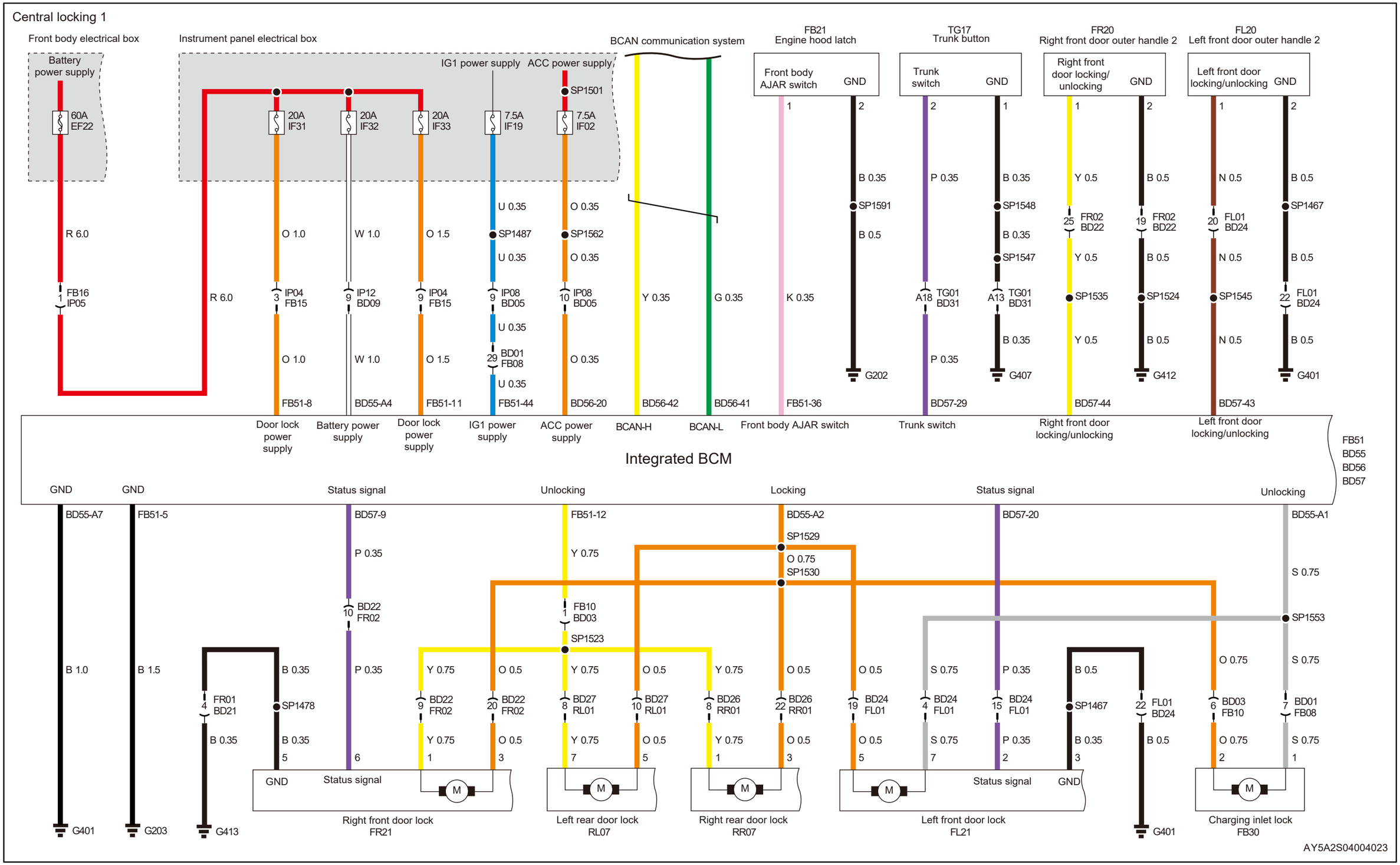
4.27 Power window



4.28 Auto-sensing wiper

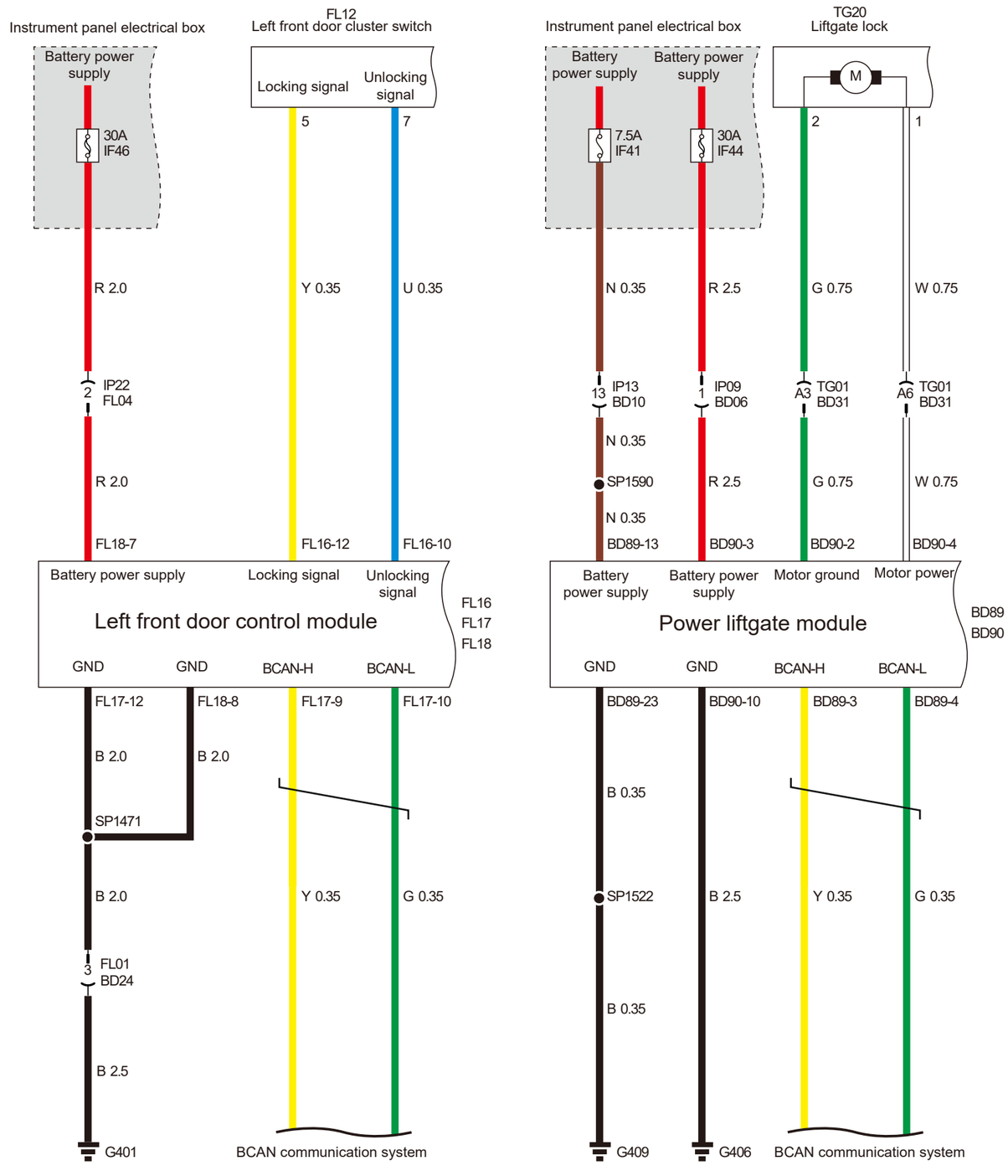


4.29 Central locking 1



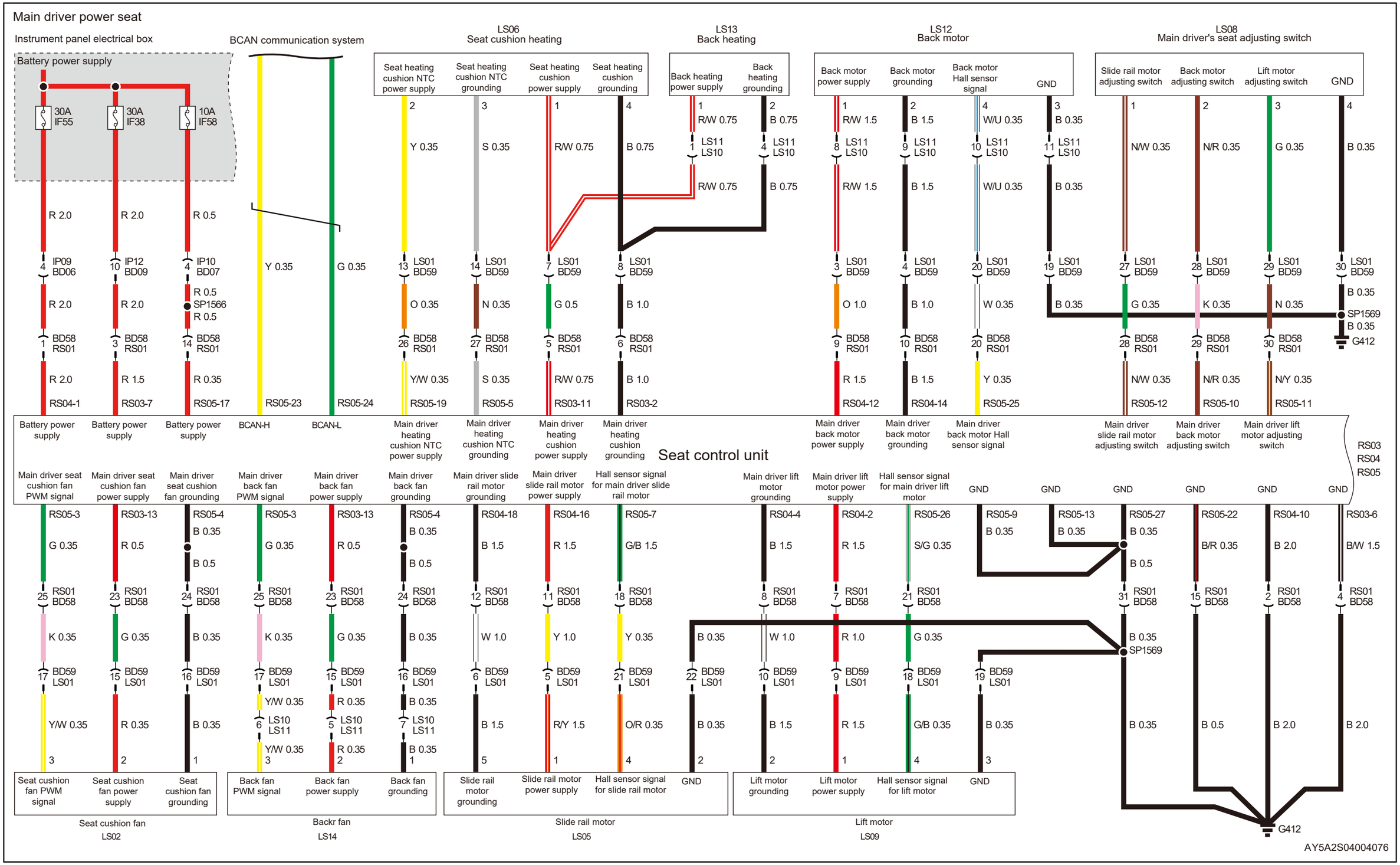
4.30 Central locking 2

Central locking 2

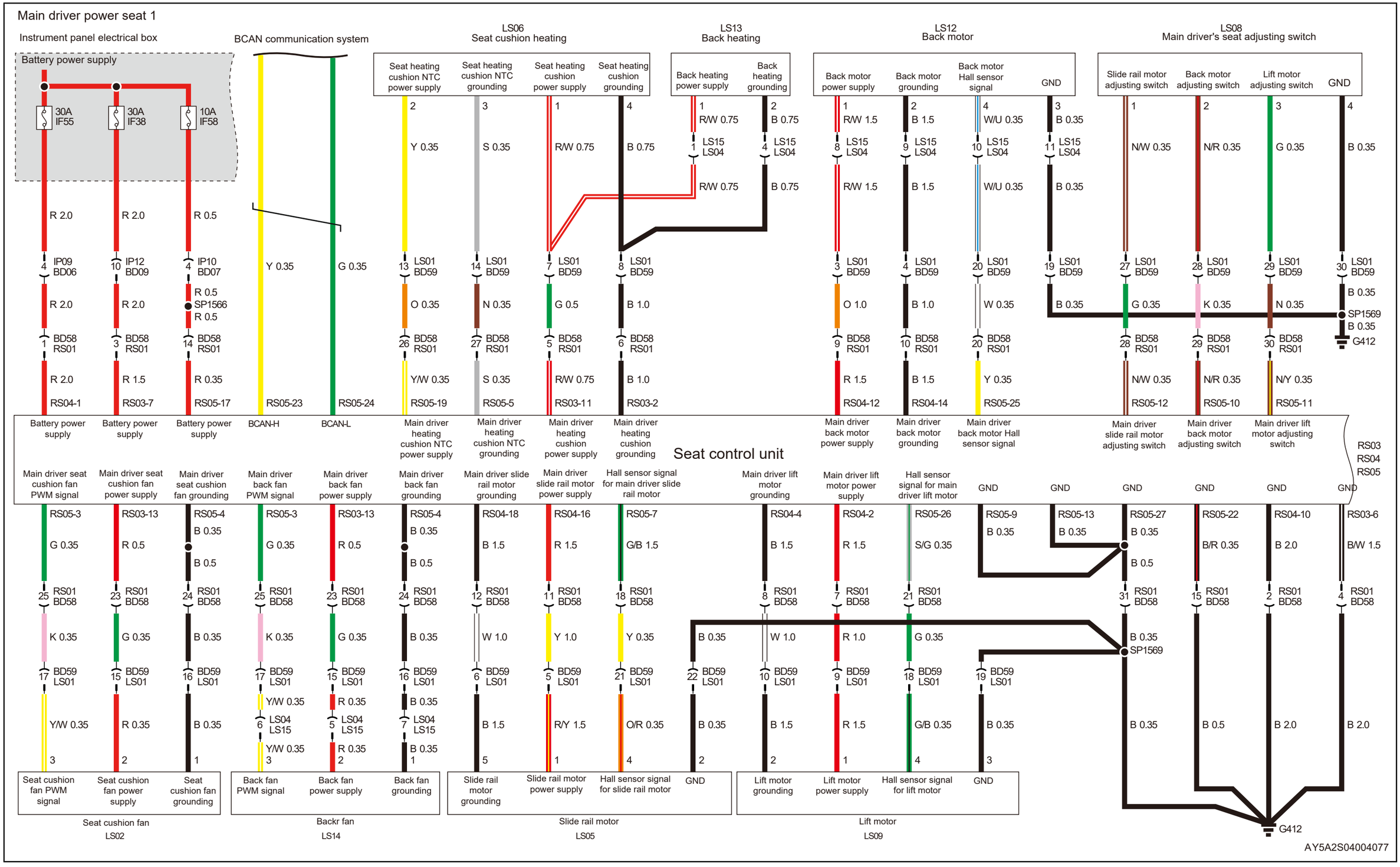


AY5A2S04004024

4.31 Main driver power seat (Middle Configuration)

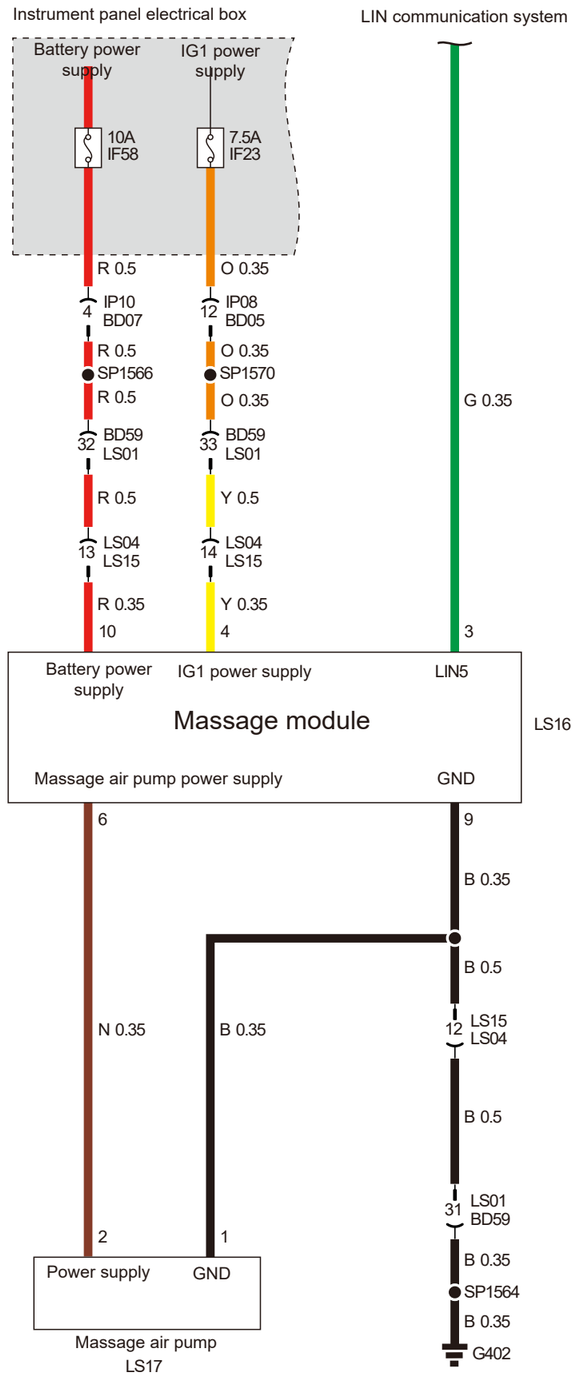


4.32 Main driver power seat (High Configuration) 1



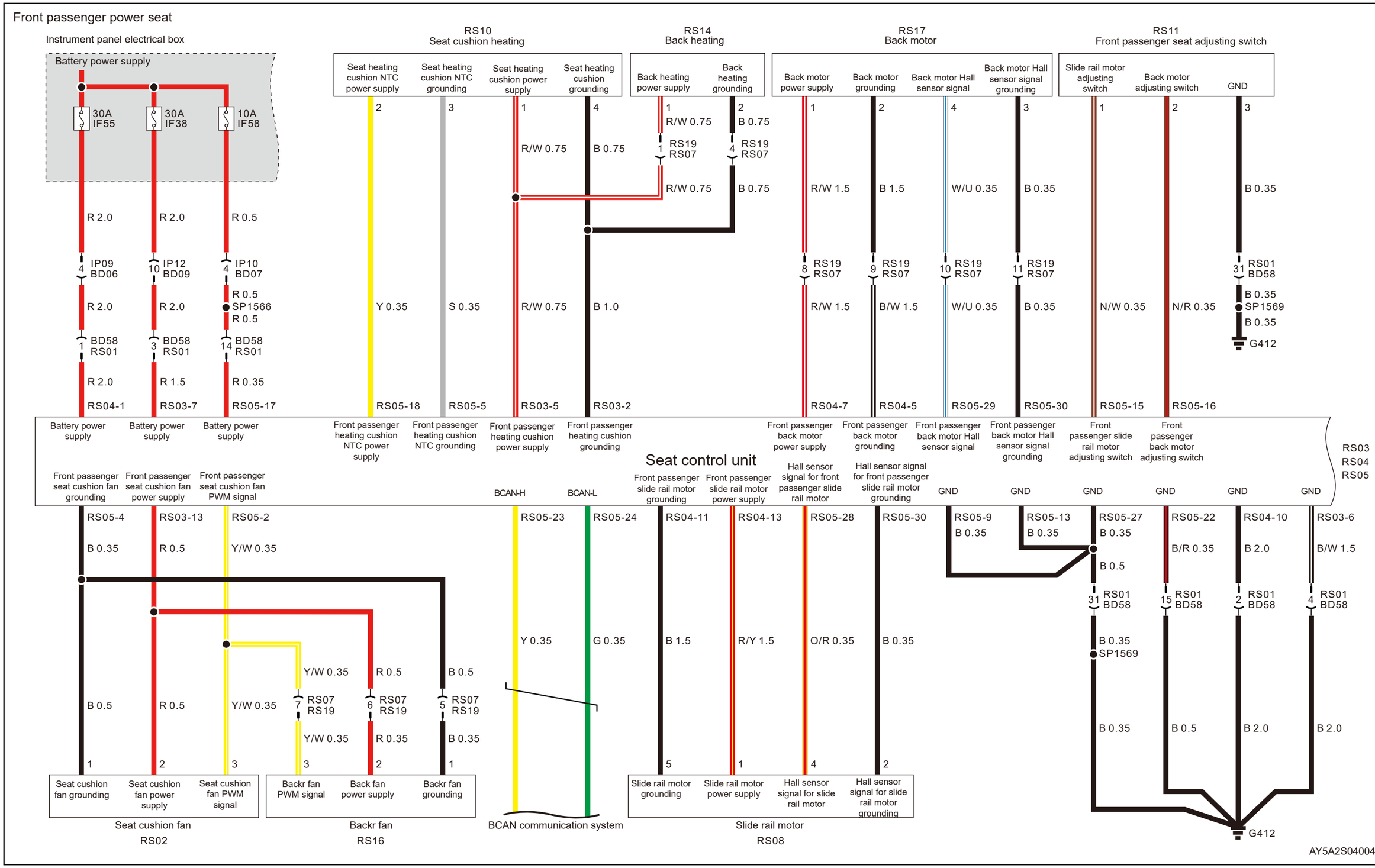
4.33 Main driver power seat (High Configuration) 2

Main driver power seat 2

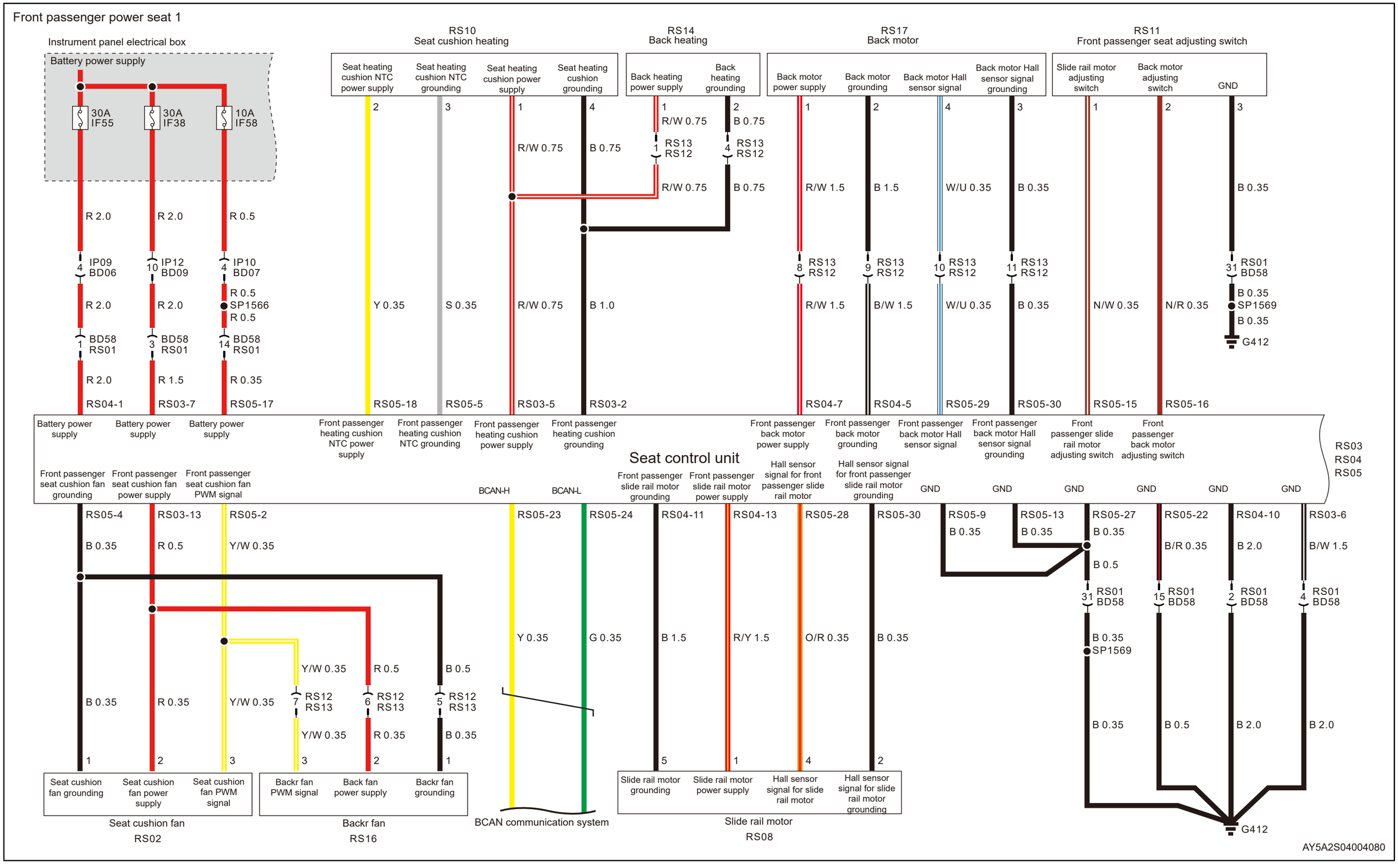


AY5A2S04004078

4.34 Front passenger power seat (Middle Configuration)

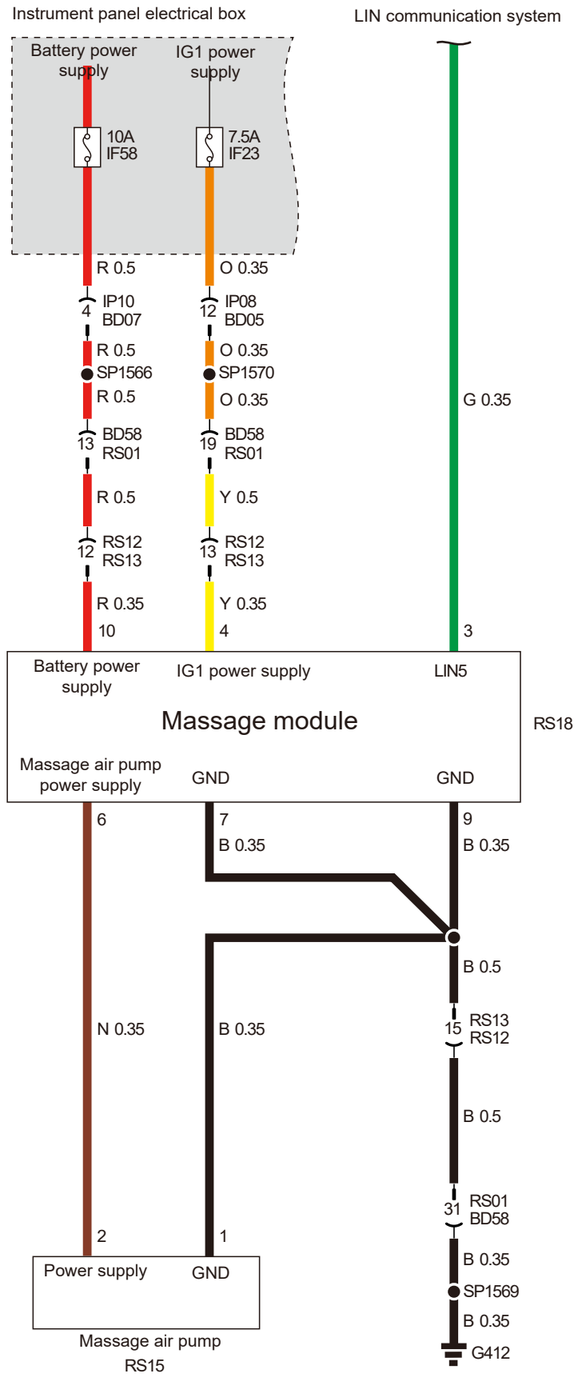


4.35 Front passenger power seat (High Configuration) 1



4.36 Front passenger power seat (High Configuration) 2

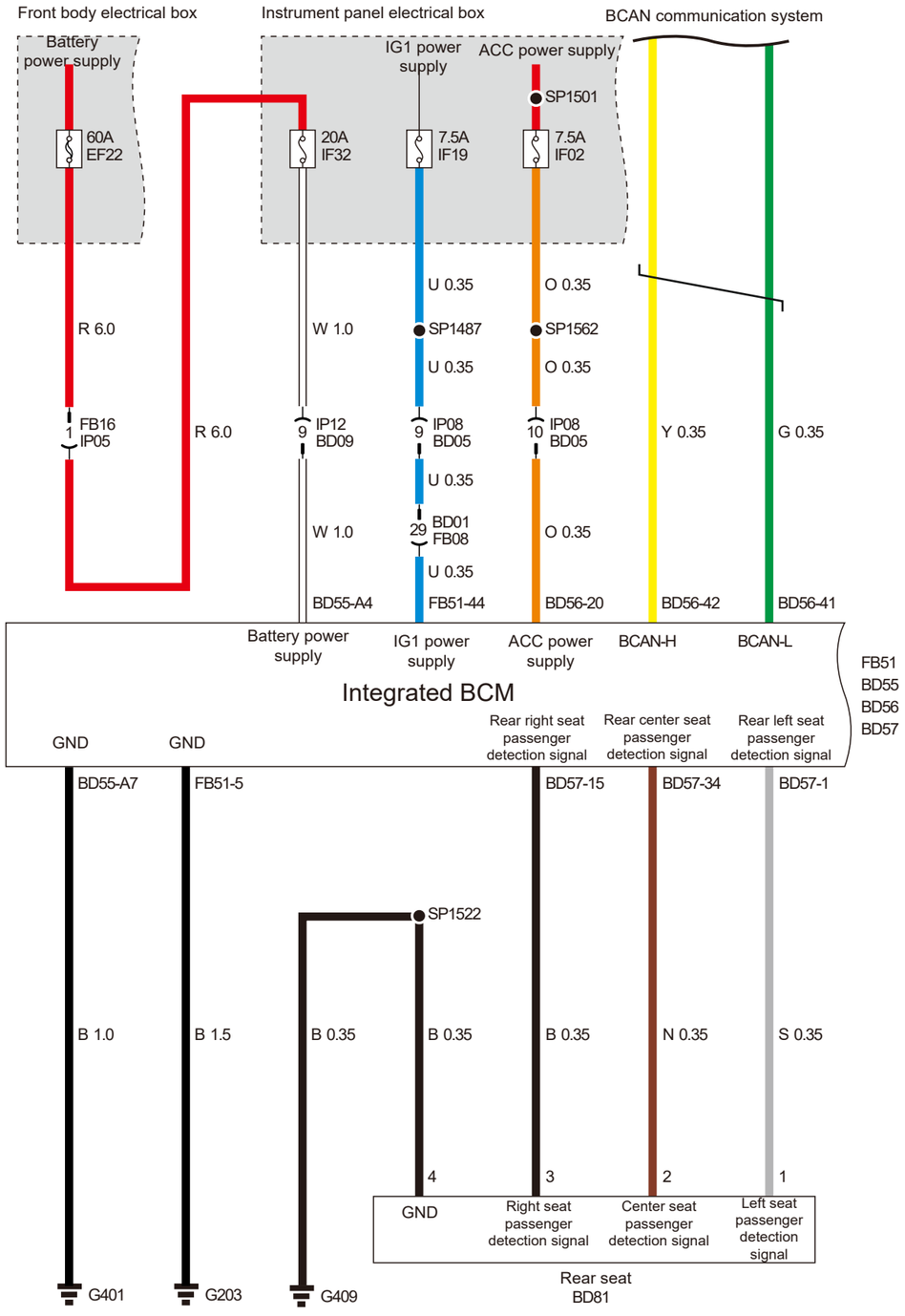
Front passenger power seat 2



AY5A2S04004081

4.37 Rear seats

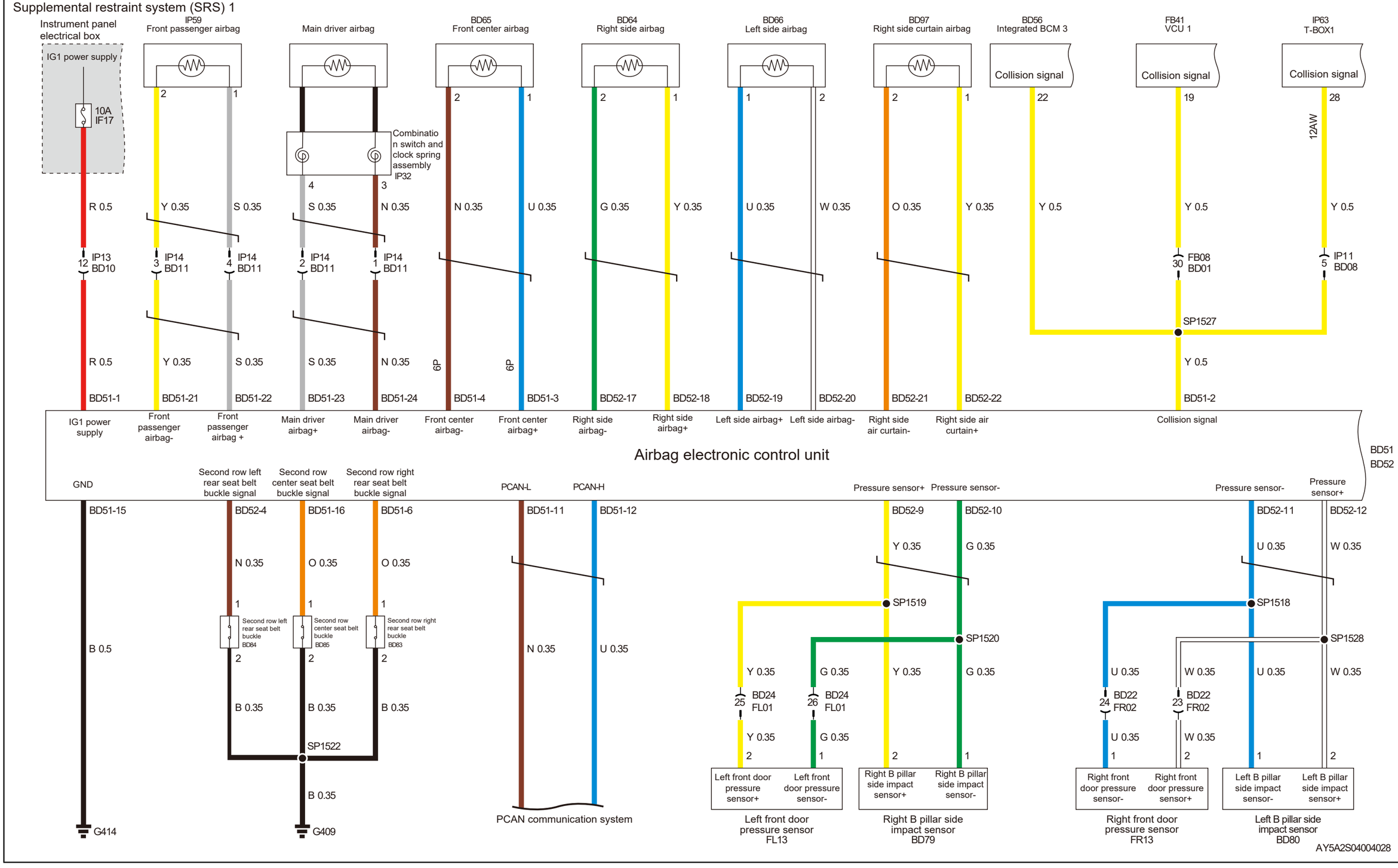
Rear seat



AY5A2S04004027

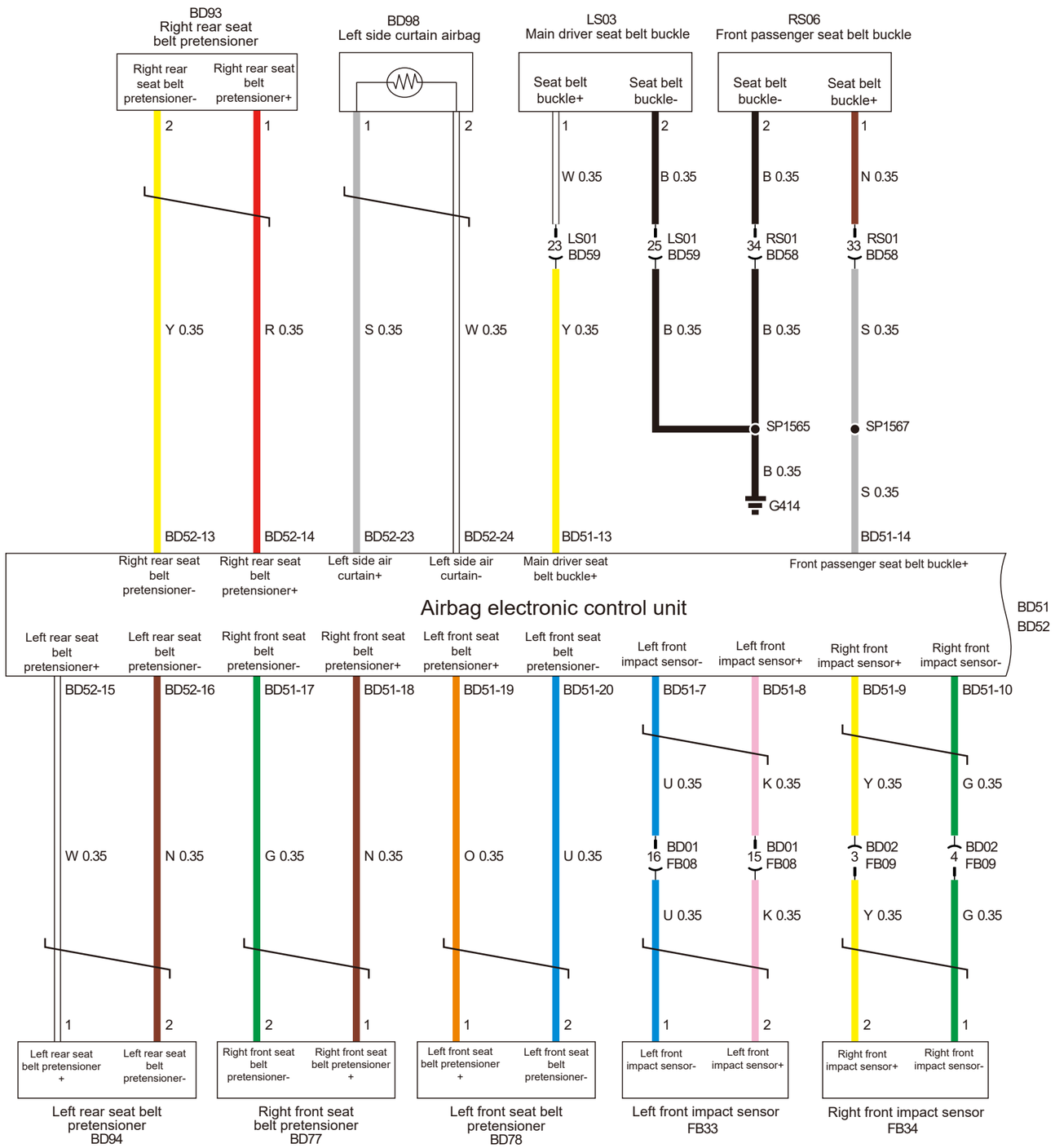
4.38 SRS 1

Supplemental restraint system (SRS) 1



4.39 SRS 2

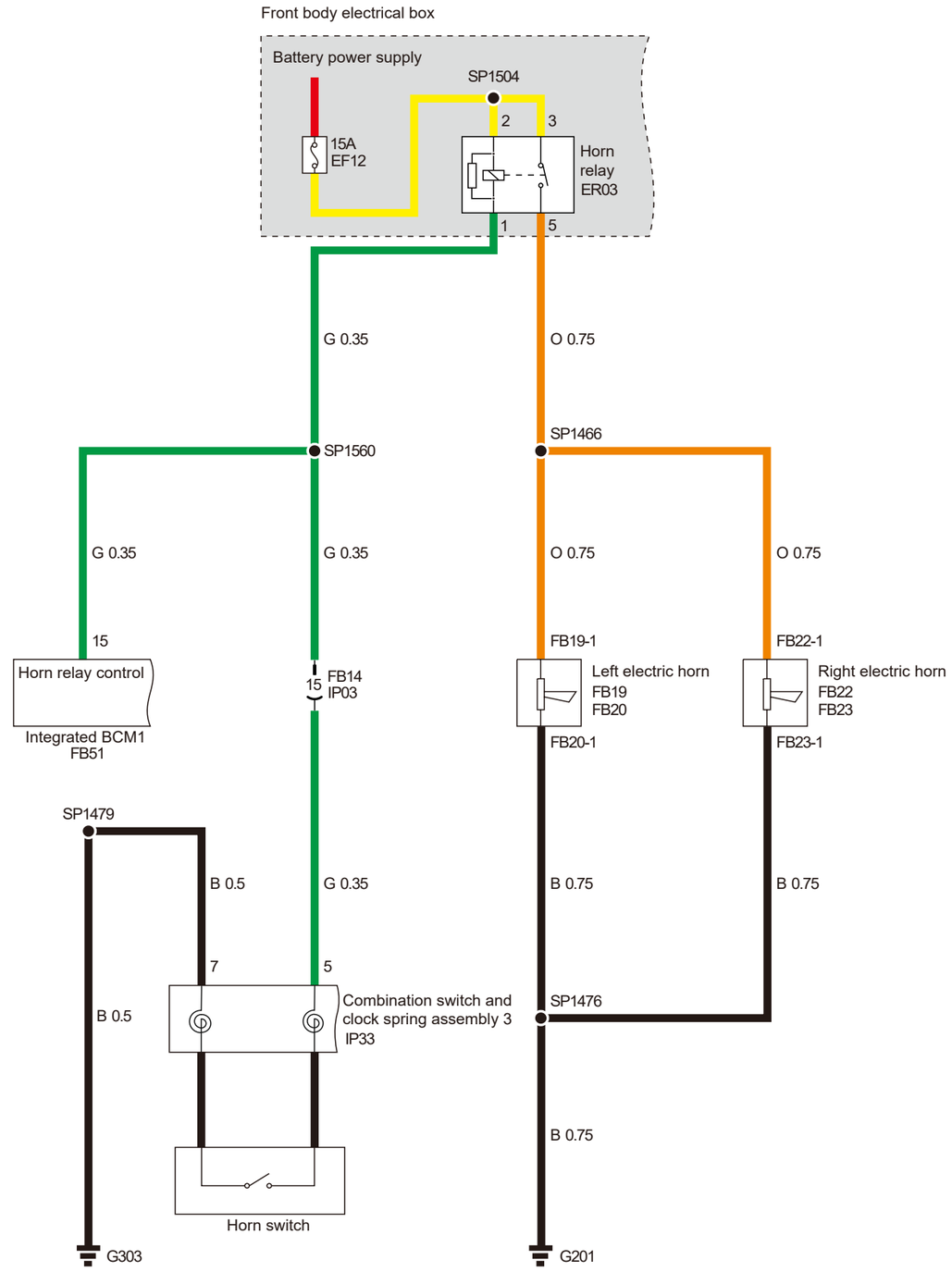
Supplemental restraint system (SRS) 2



AY5A2S04004029

4.40 Horn

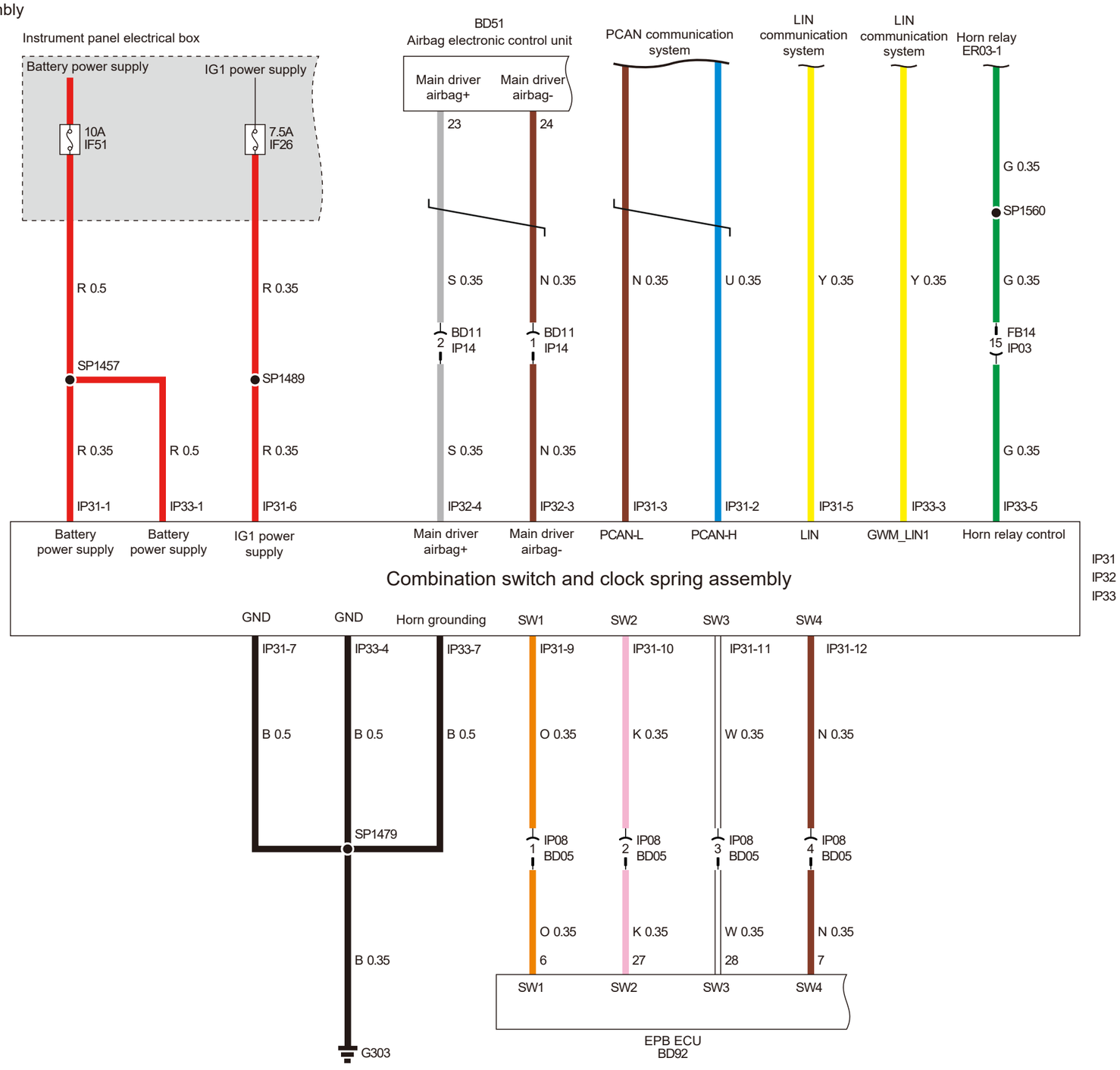
Horn



AY5A2S04004030

4.41 Combination switch and clock spring assembly

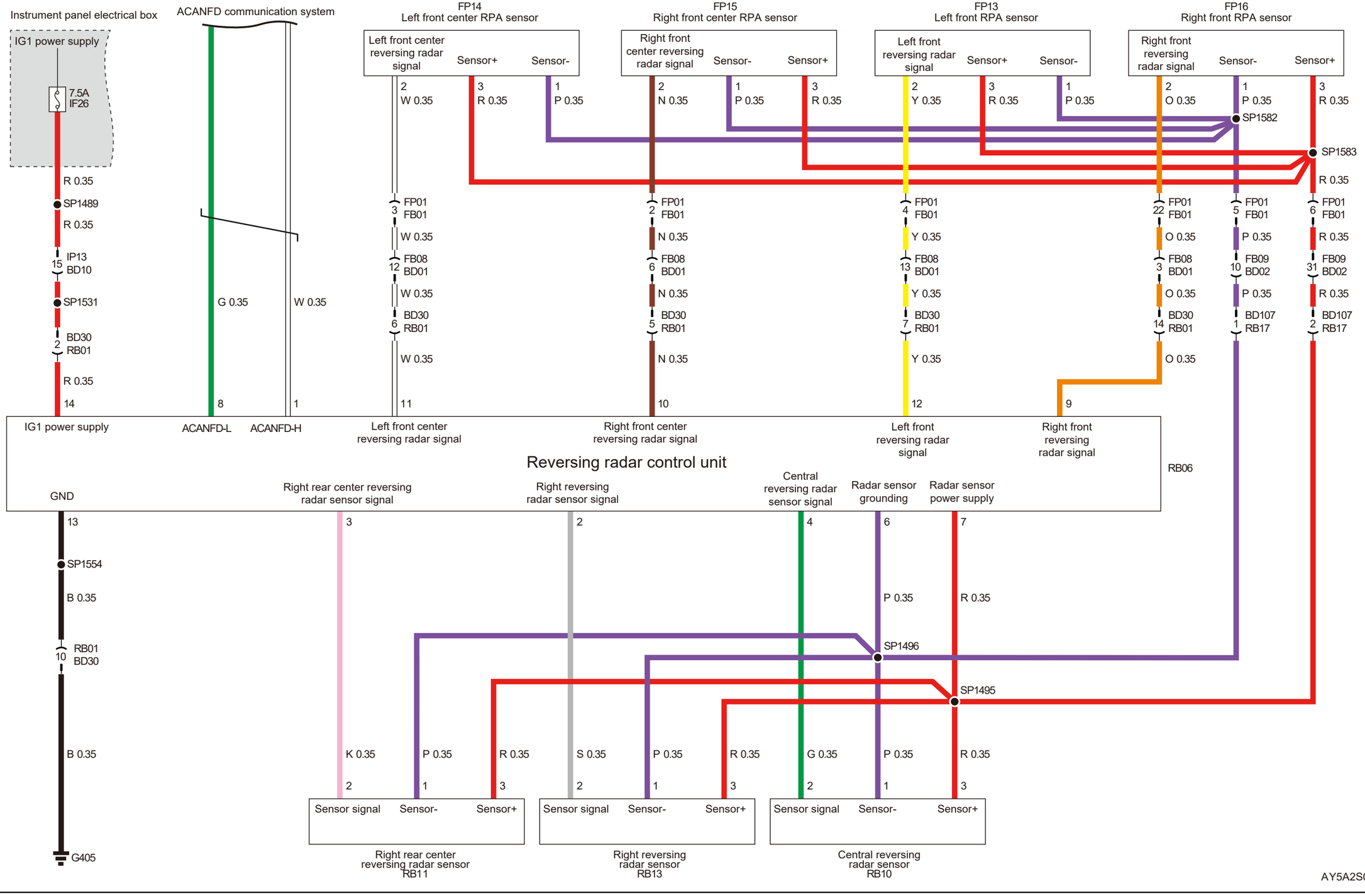
Combination switch and clock spring assembly



AY5A2S04004031

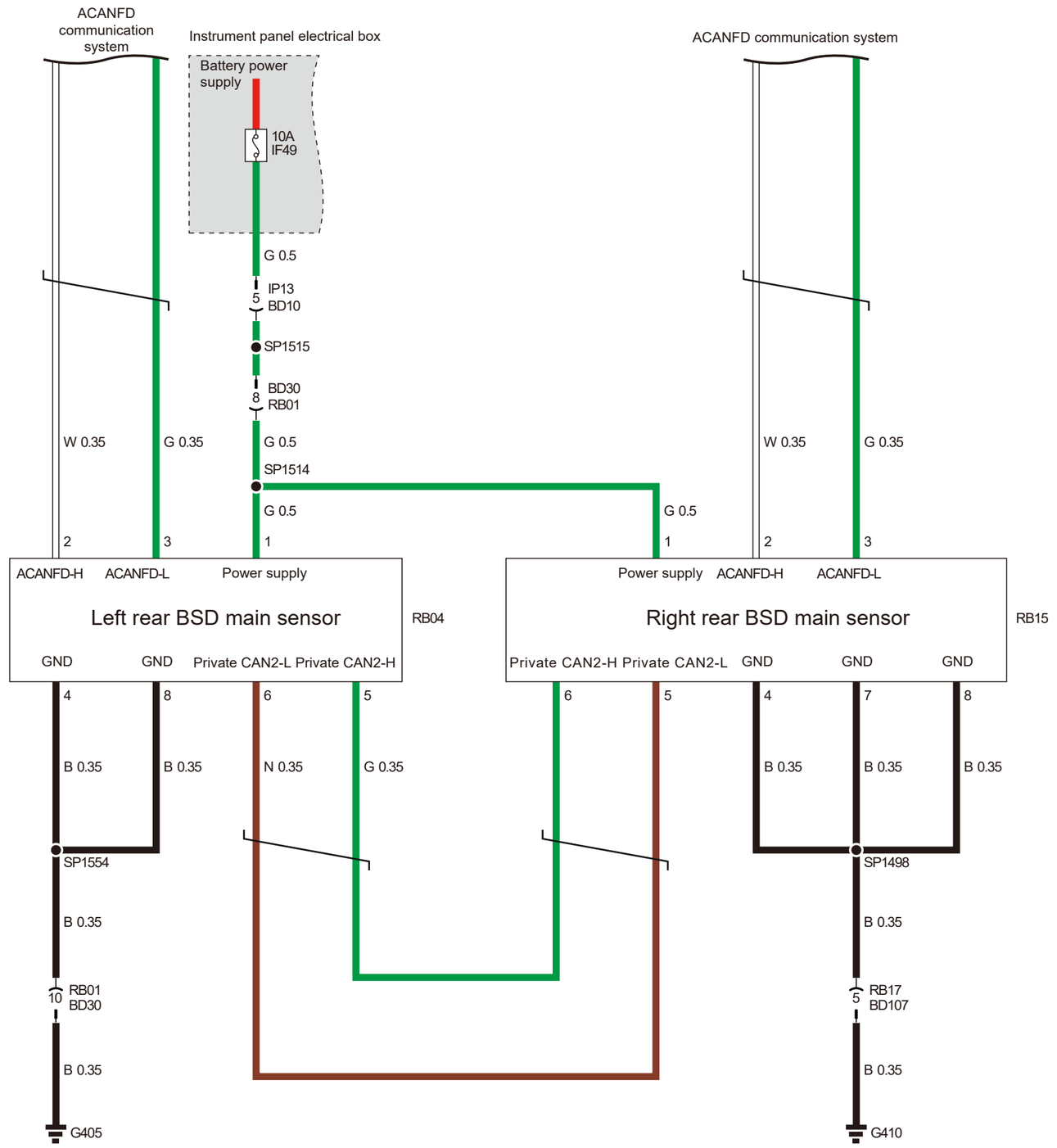
4.42 RPA

Reversing parking aid (RPA)



4.43 BSD

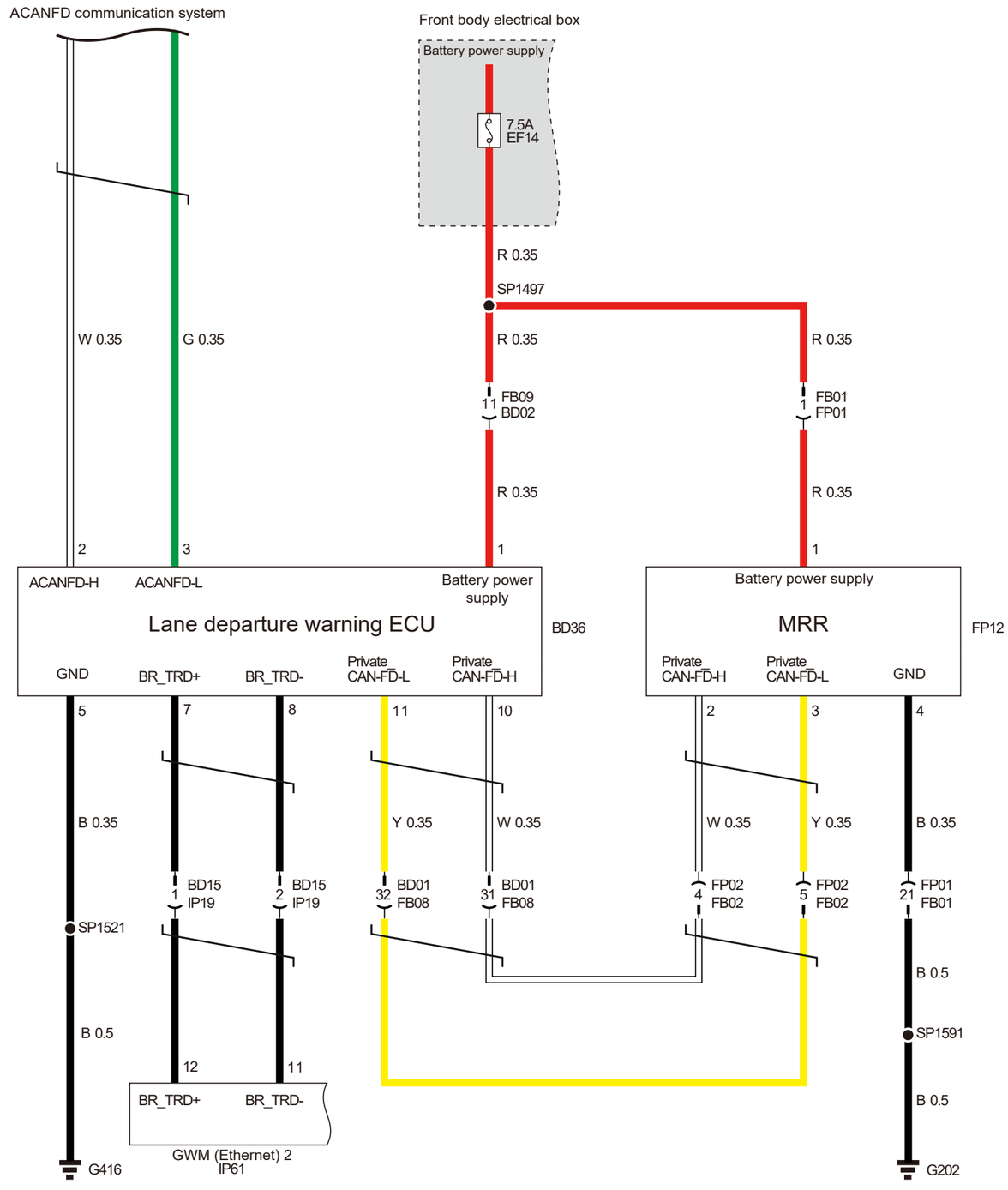
Blind spot detection (BSD)



AY5A2S04004033

4.44 Lane departure and MRR

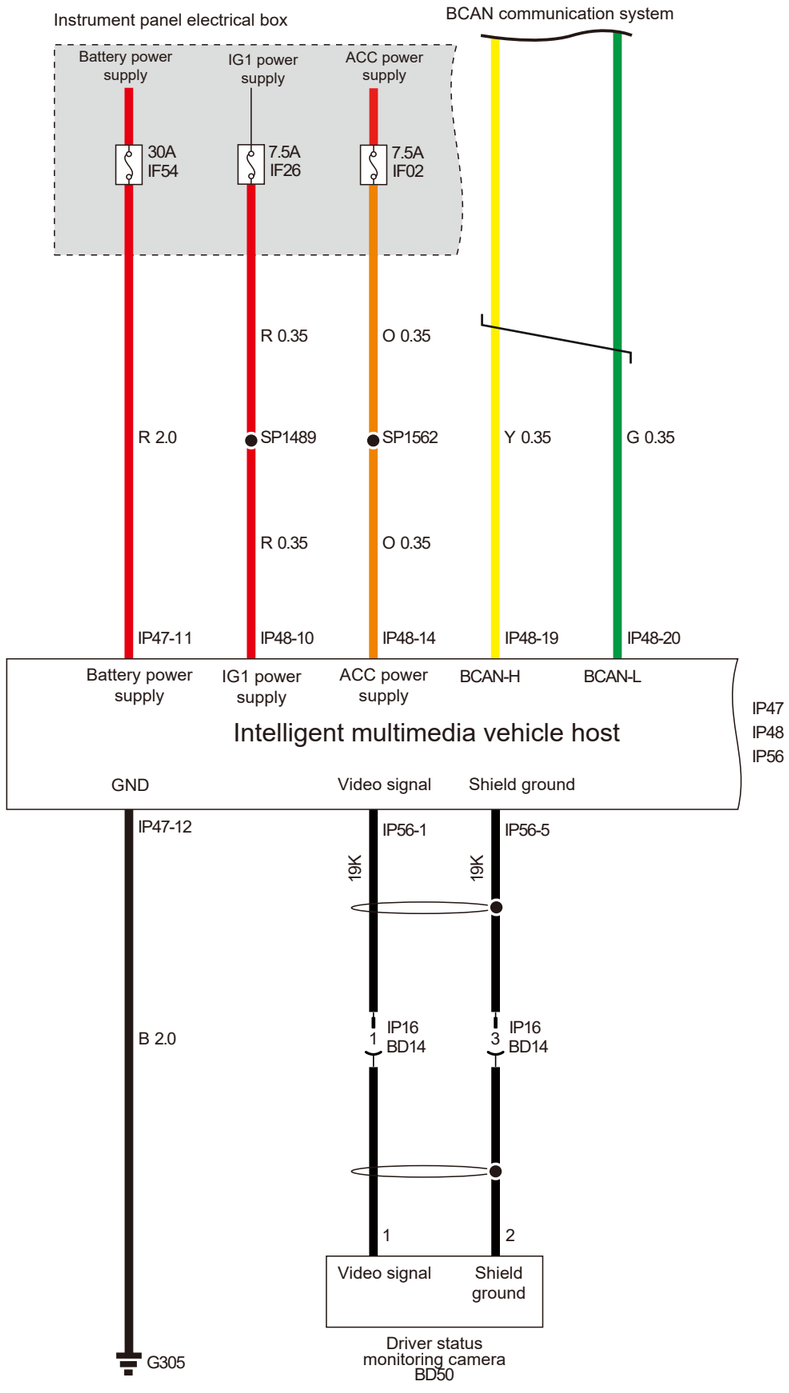
Lane departure and medium range radar (MRR)



AY5A2S04004034

4.45 Occupancy monitoring system

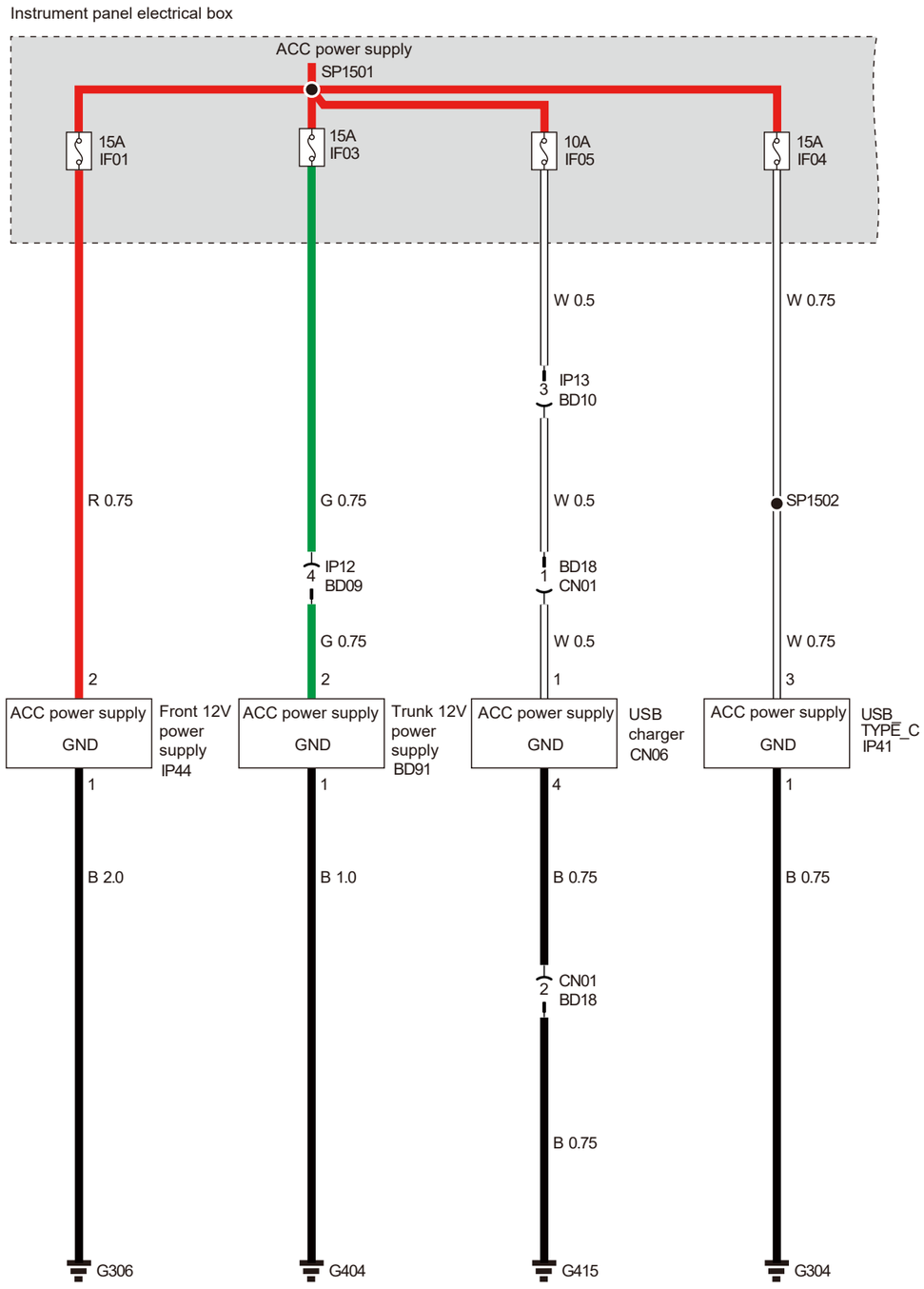
Occupancy Monitoring System



AY5A2S04004040

4.46 USB and 12V power supply

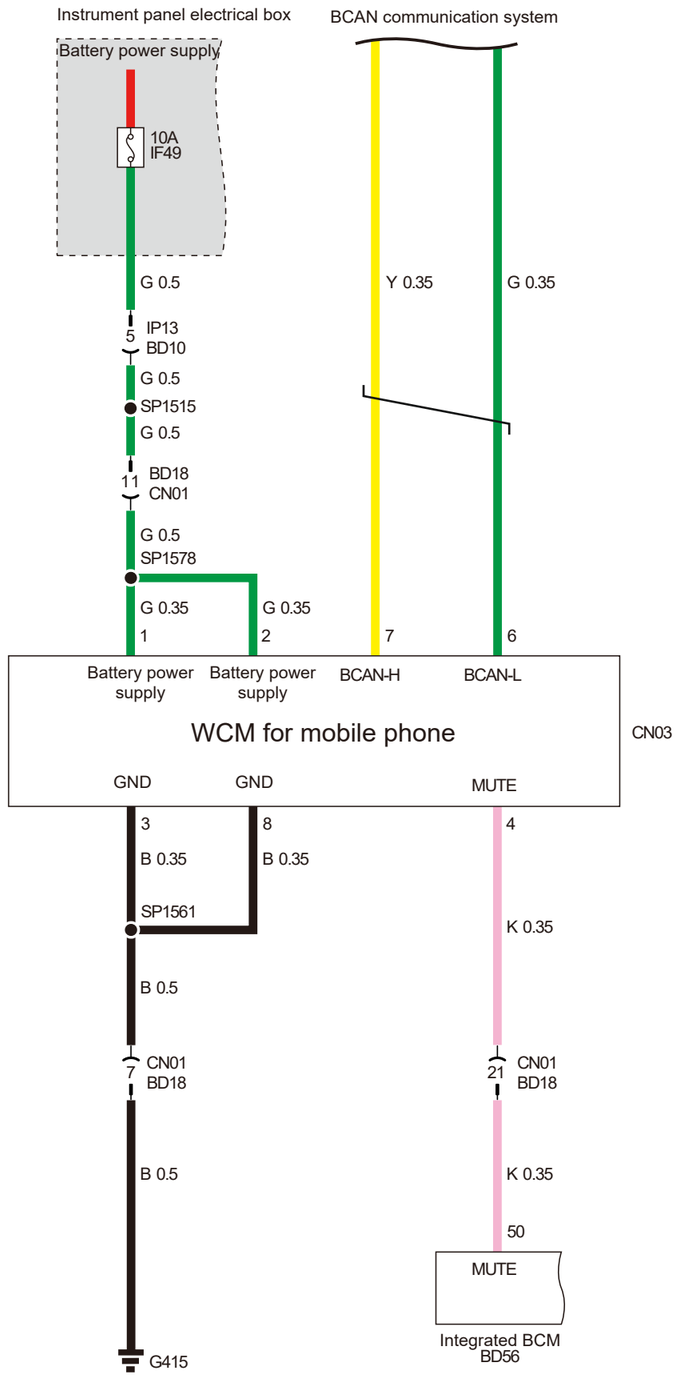
USB and 12V power supply



AY5A2S04004041

4.47 Mobile phone wireless charging

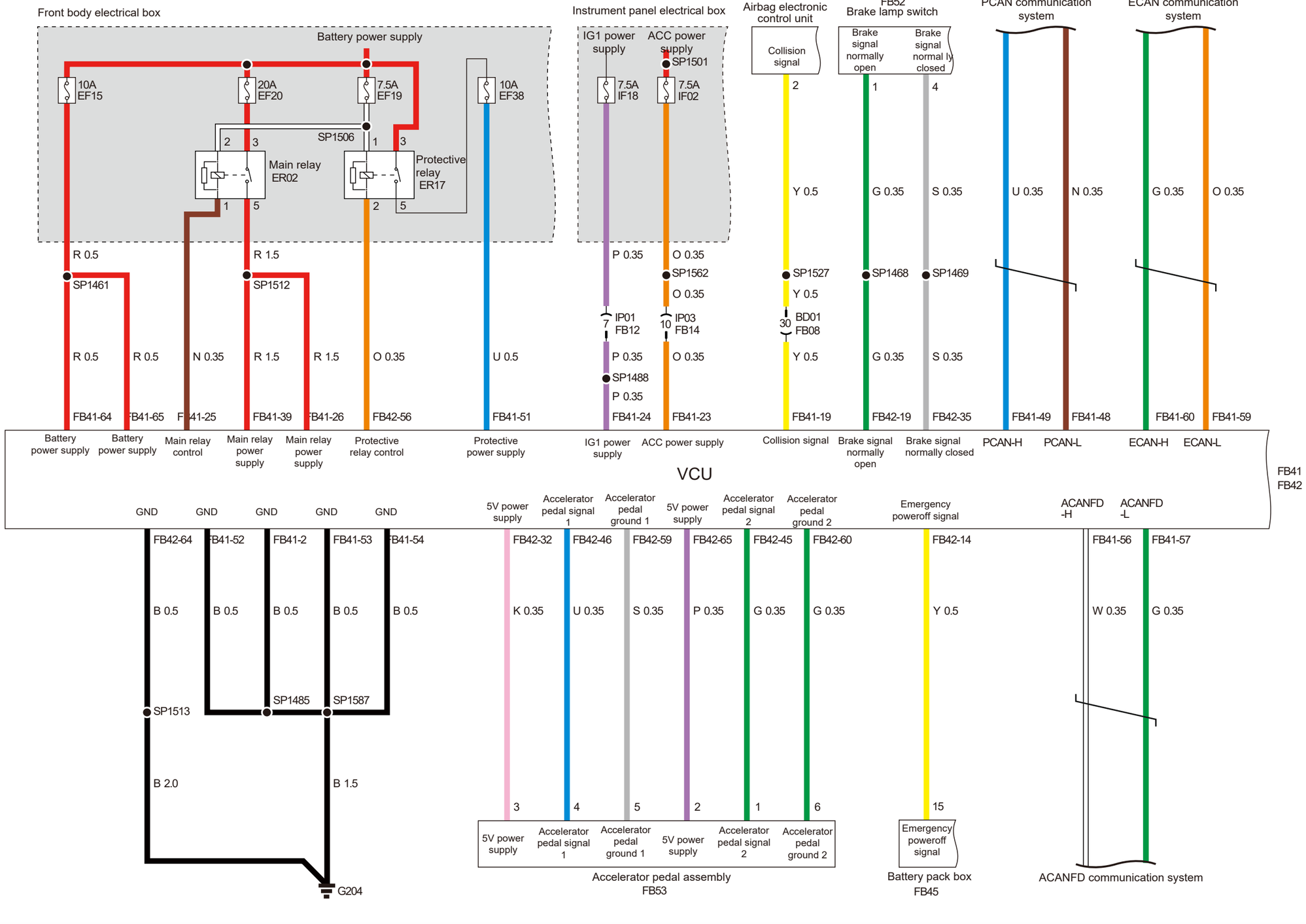
Mobile phone wireless charging



AY5A2S04004042

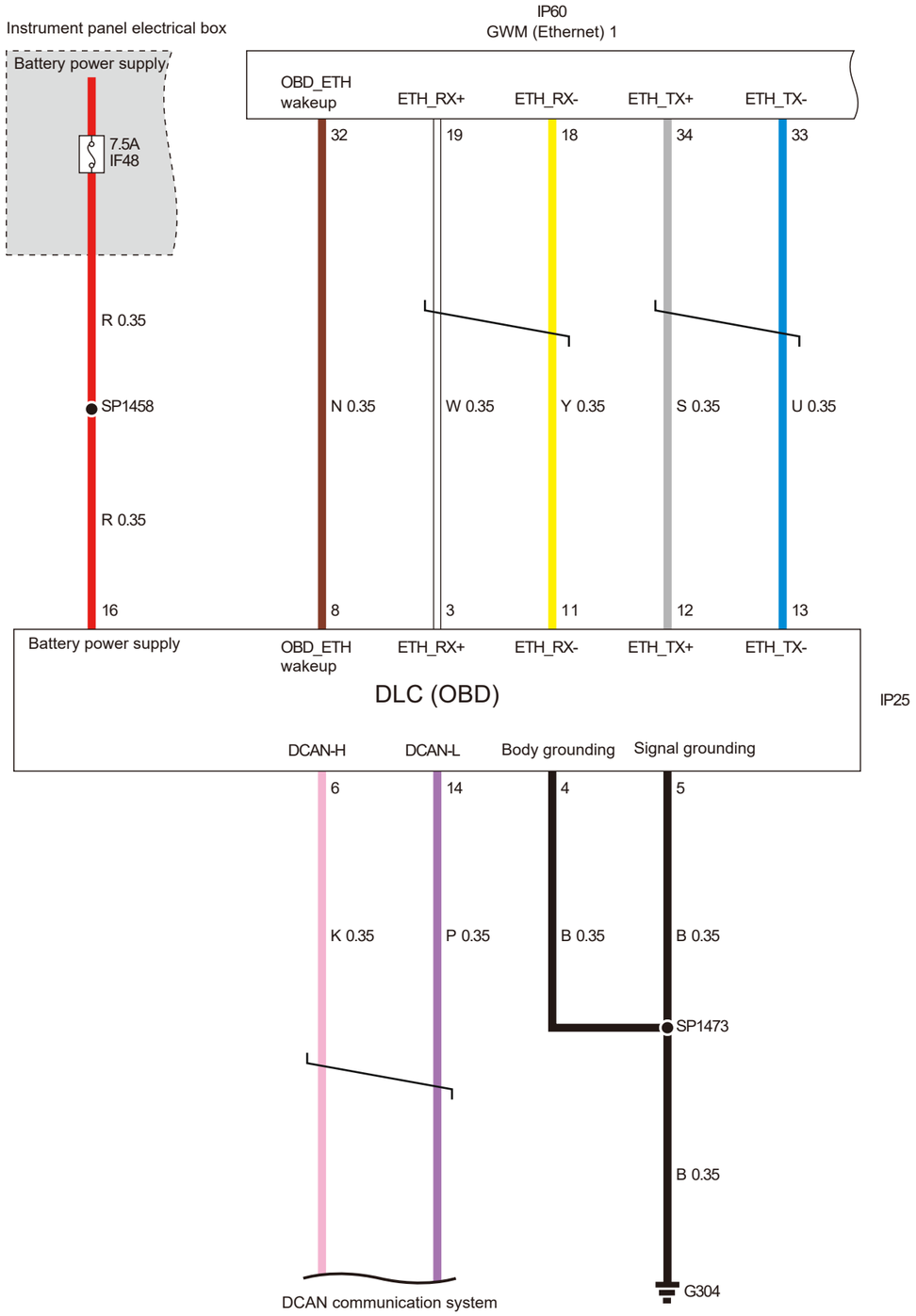
4.48 Vehicle control system

Vehicle control system



4.49 OBD diagnostic system

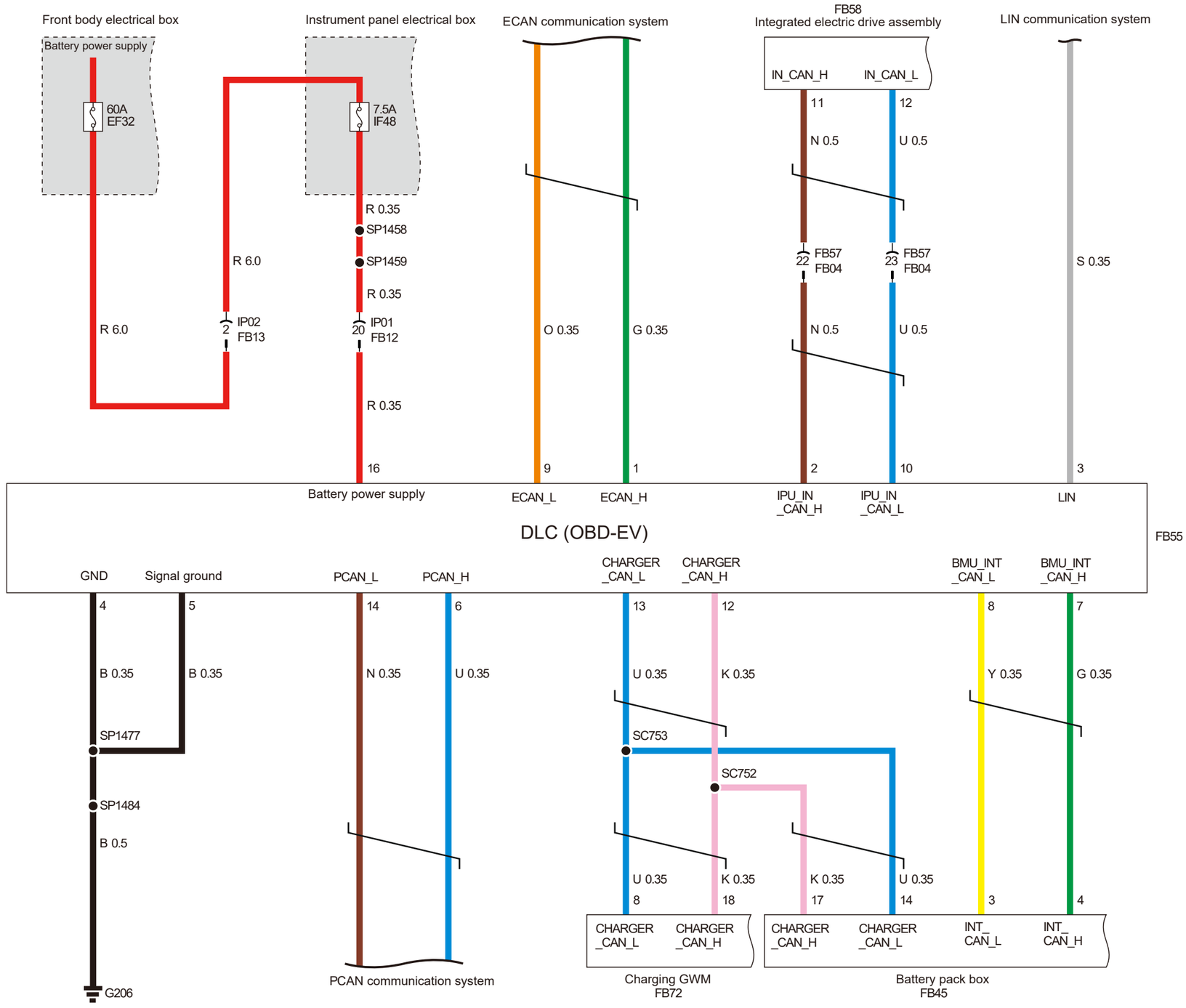
OBD diagnostic system



AY5A2S04004044

4.50 OBD-EV diagnostic system

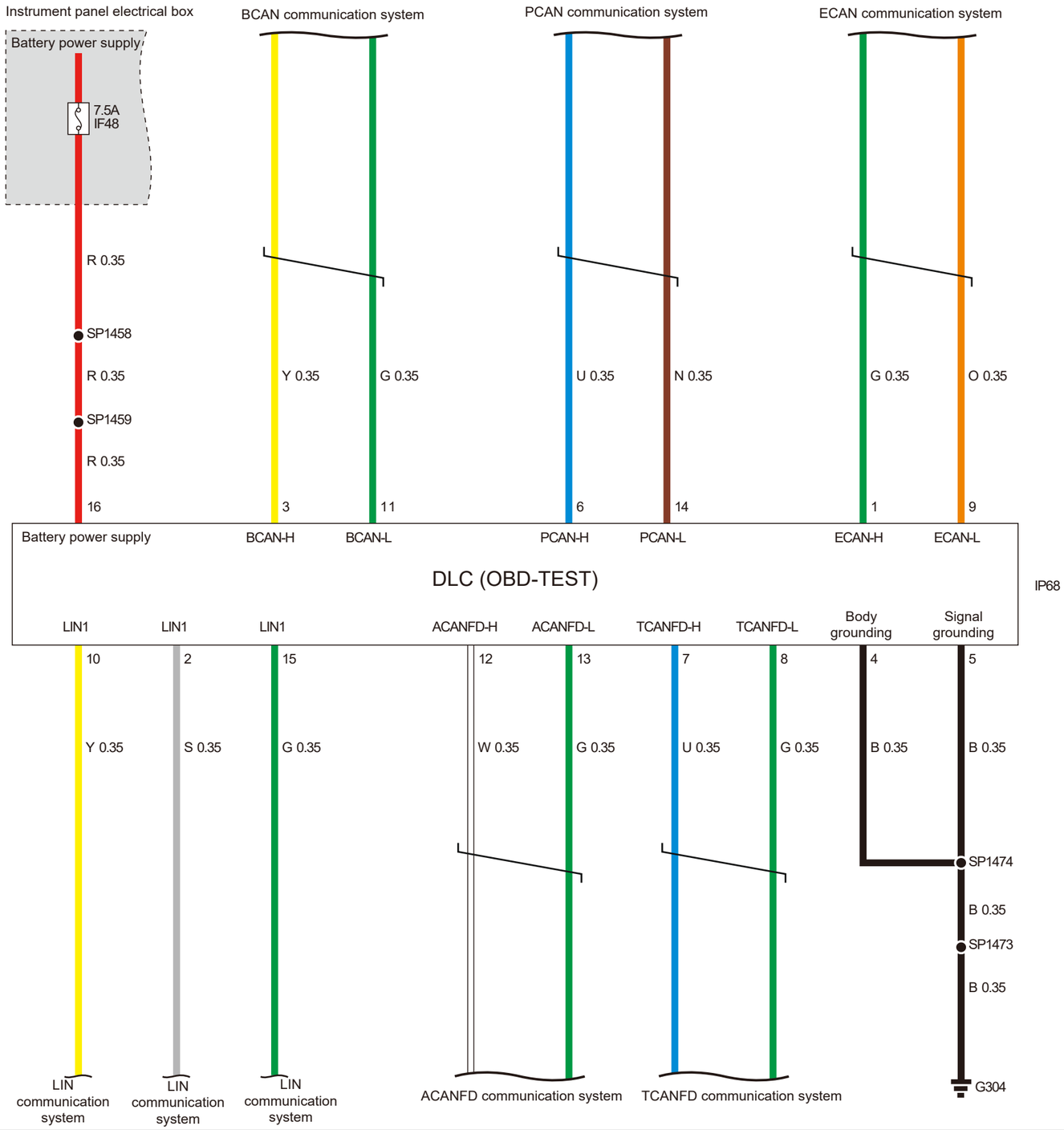
OBD-EV diagnostic system



AY5A2S04004101

4.51 OBD-TEST diagnostic system

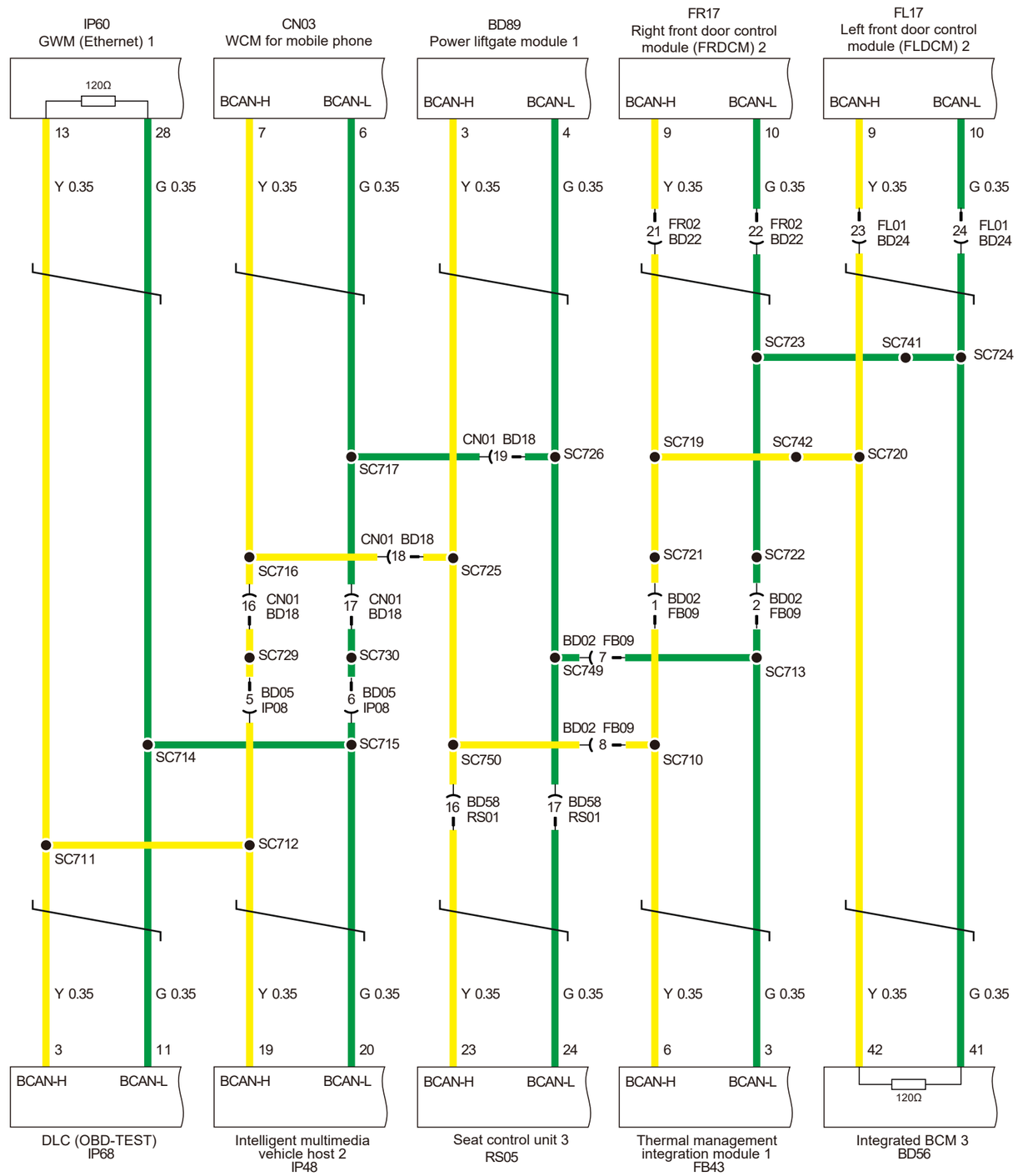
OBD-TEST diagnostic system



AY5A2S04004046

4.52 BCAN communication system

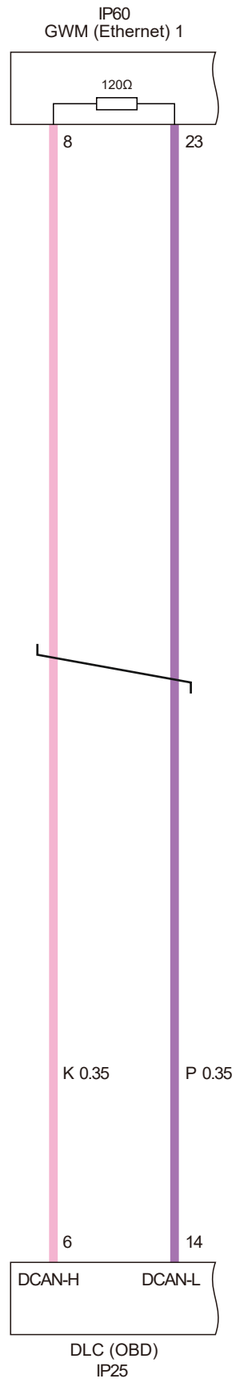
BCAN communication system



AY5A2S04004047

4.53 DCAN communication system

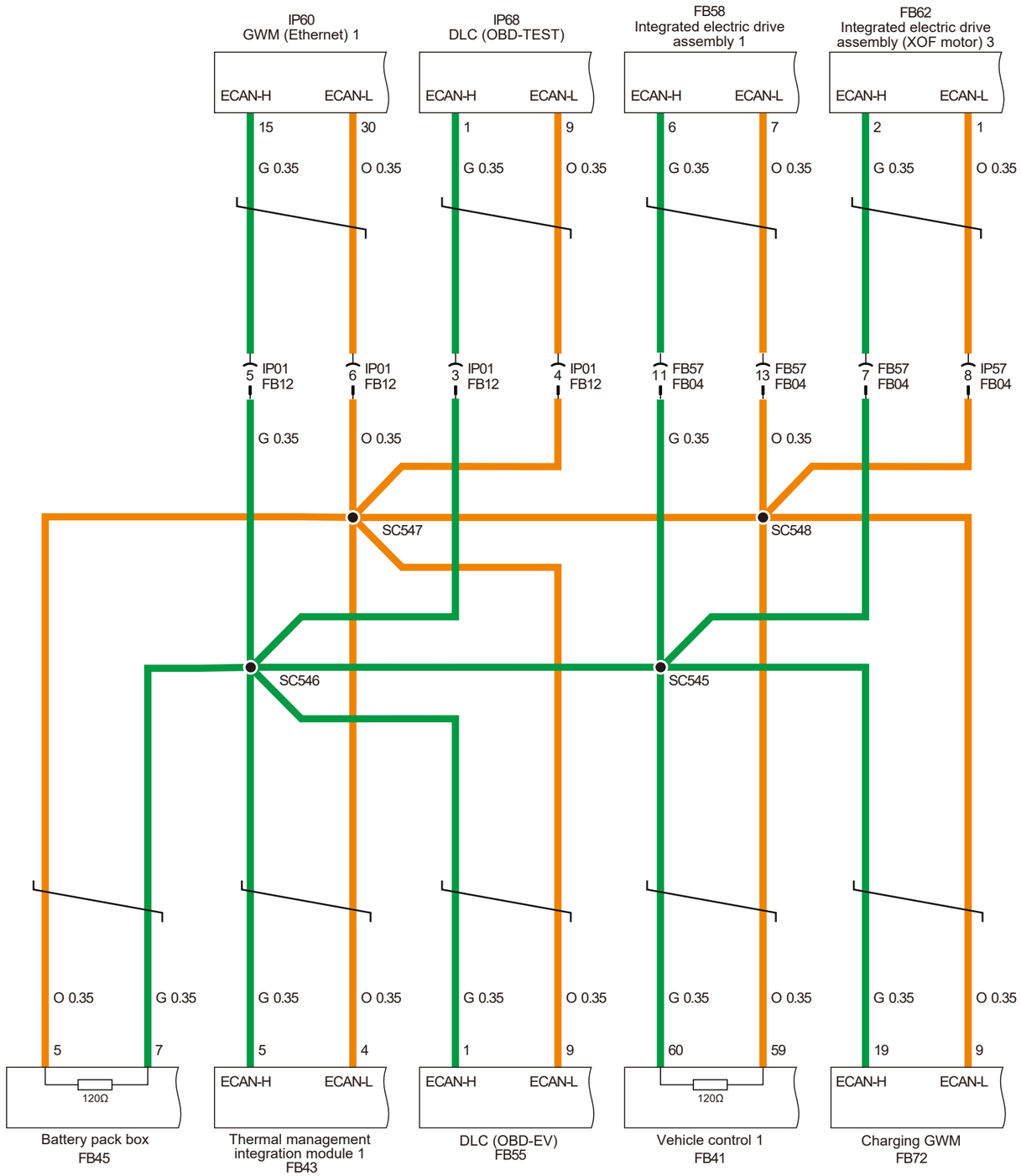
DCAN communication system



AY5A2S04004049

4.54 ECAN communication system

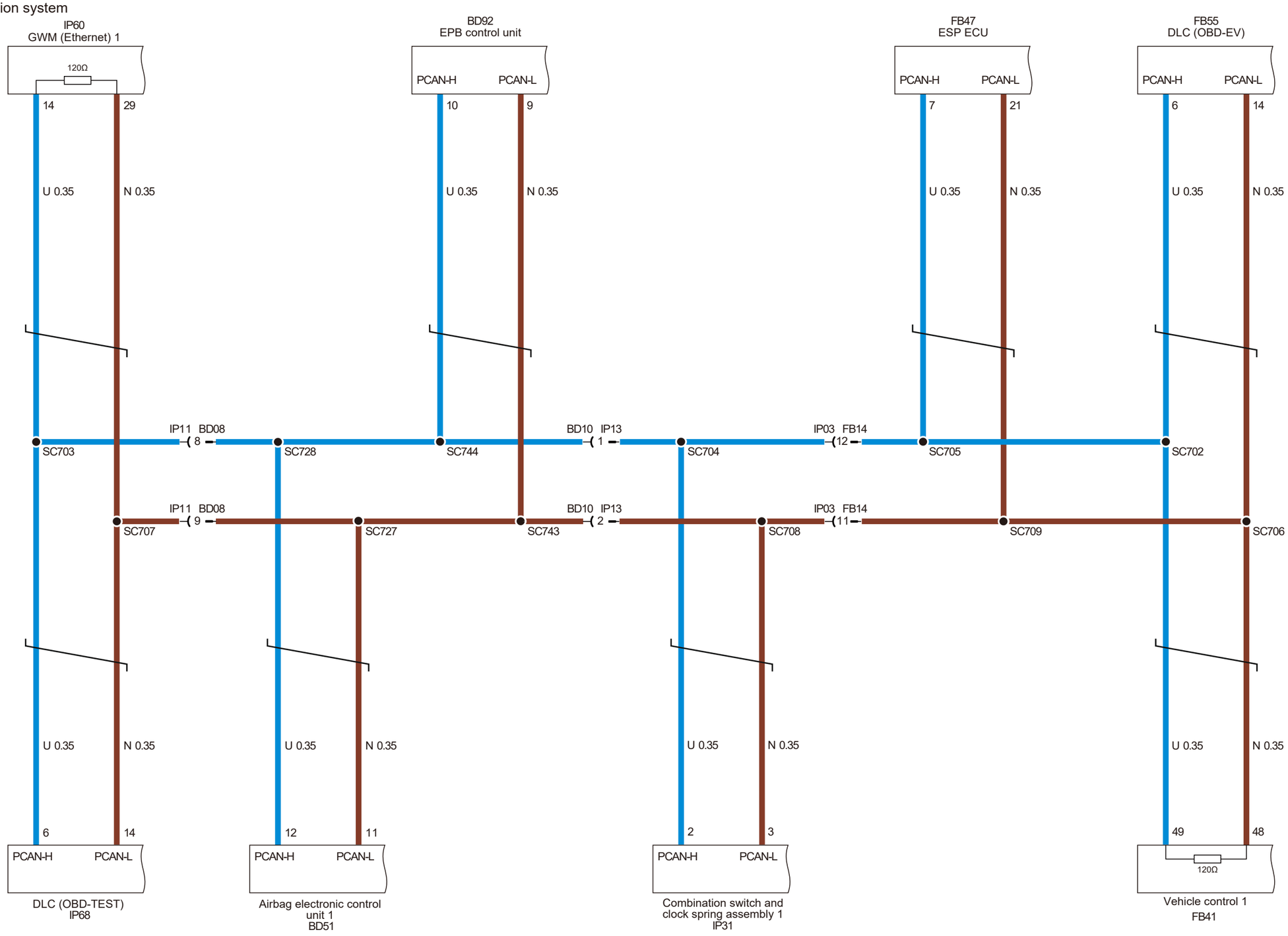
ECAN communication system



AY5A2S04004050

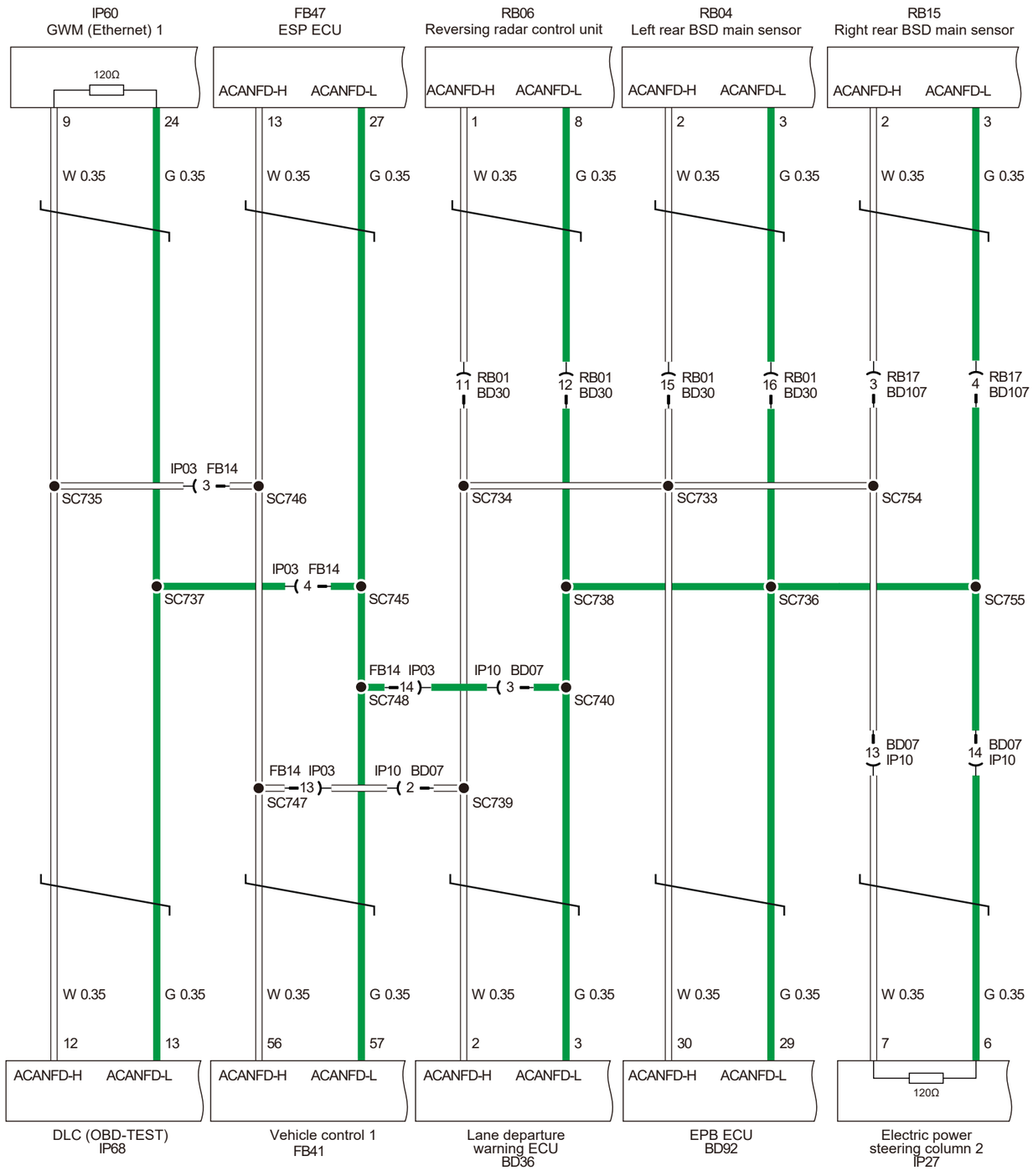
4.55 PCAN communication system

PCAN communication system



4.56 ACANFD communication system

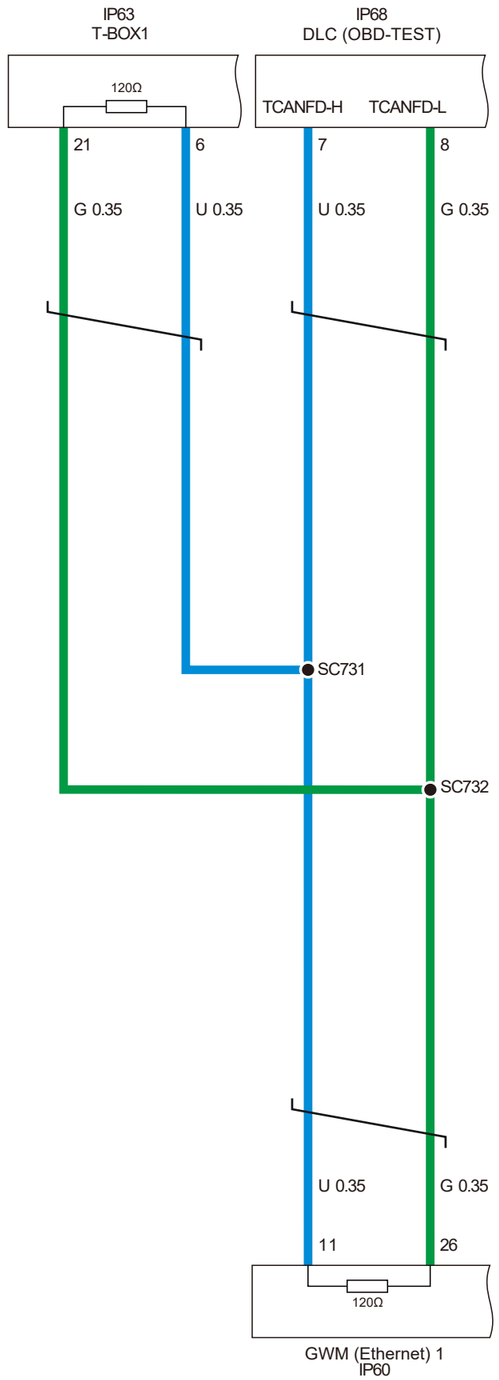
ACANFD communication system



AY5A2S04004052

4.57 TCANFD communication system

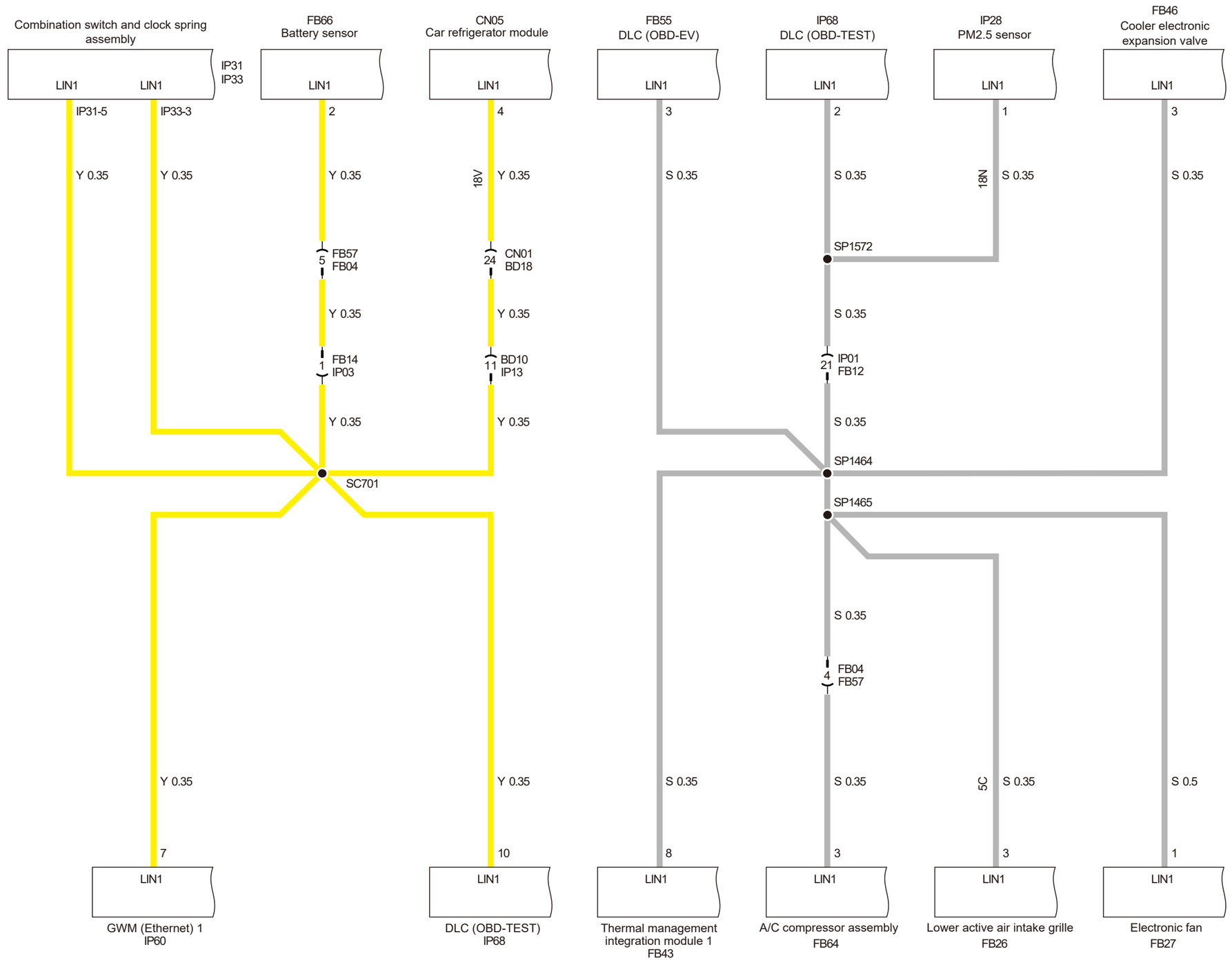
TCANFD communication system



AY5A2S04004053

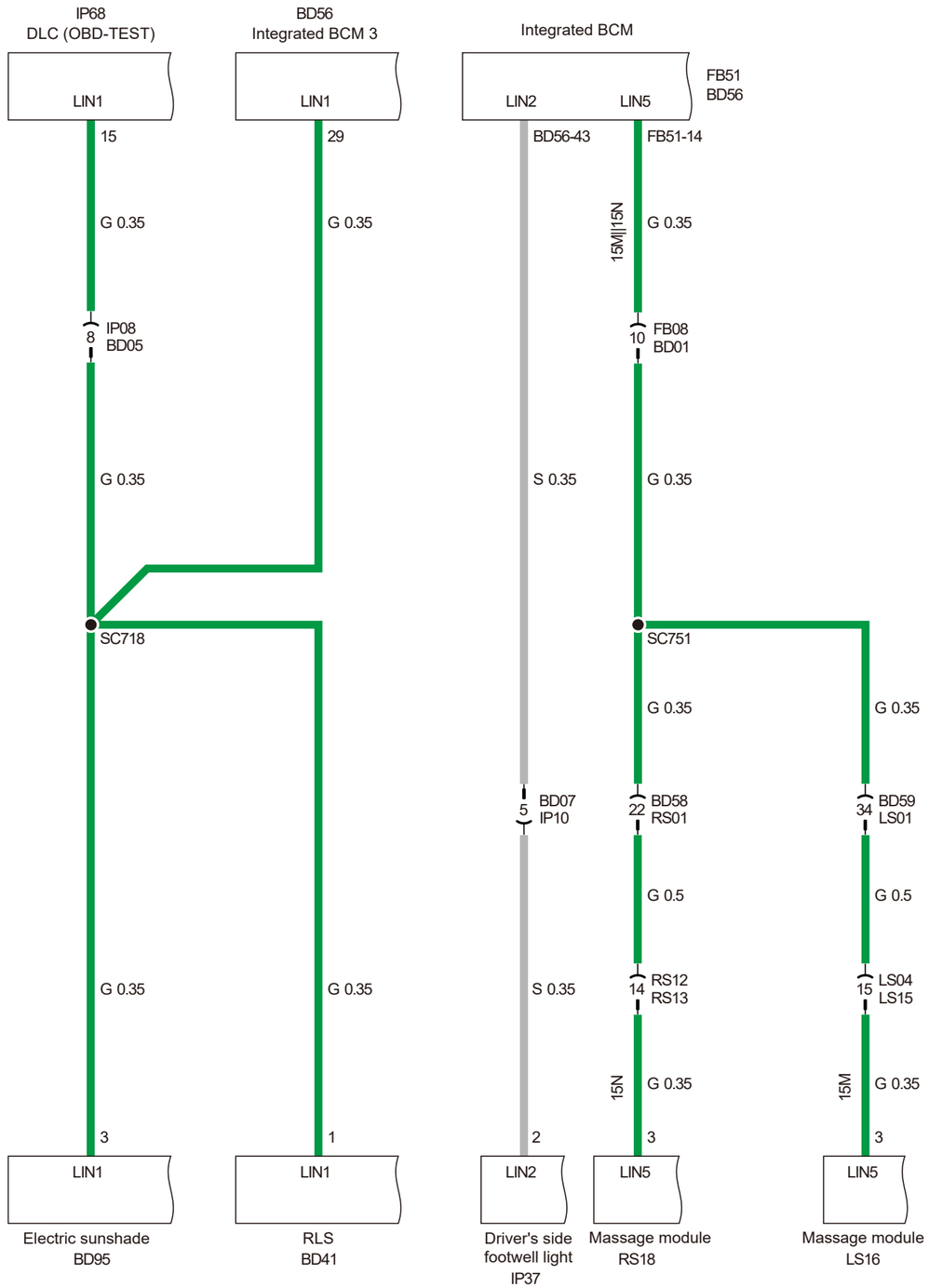
4.58 LIN communication system 1

LIN communication system 1



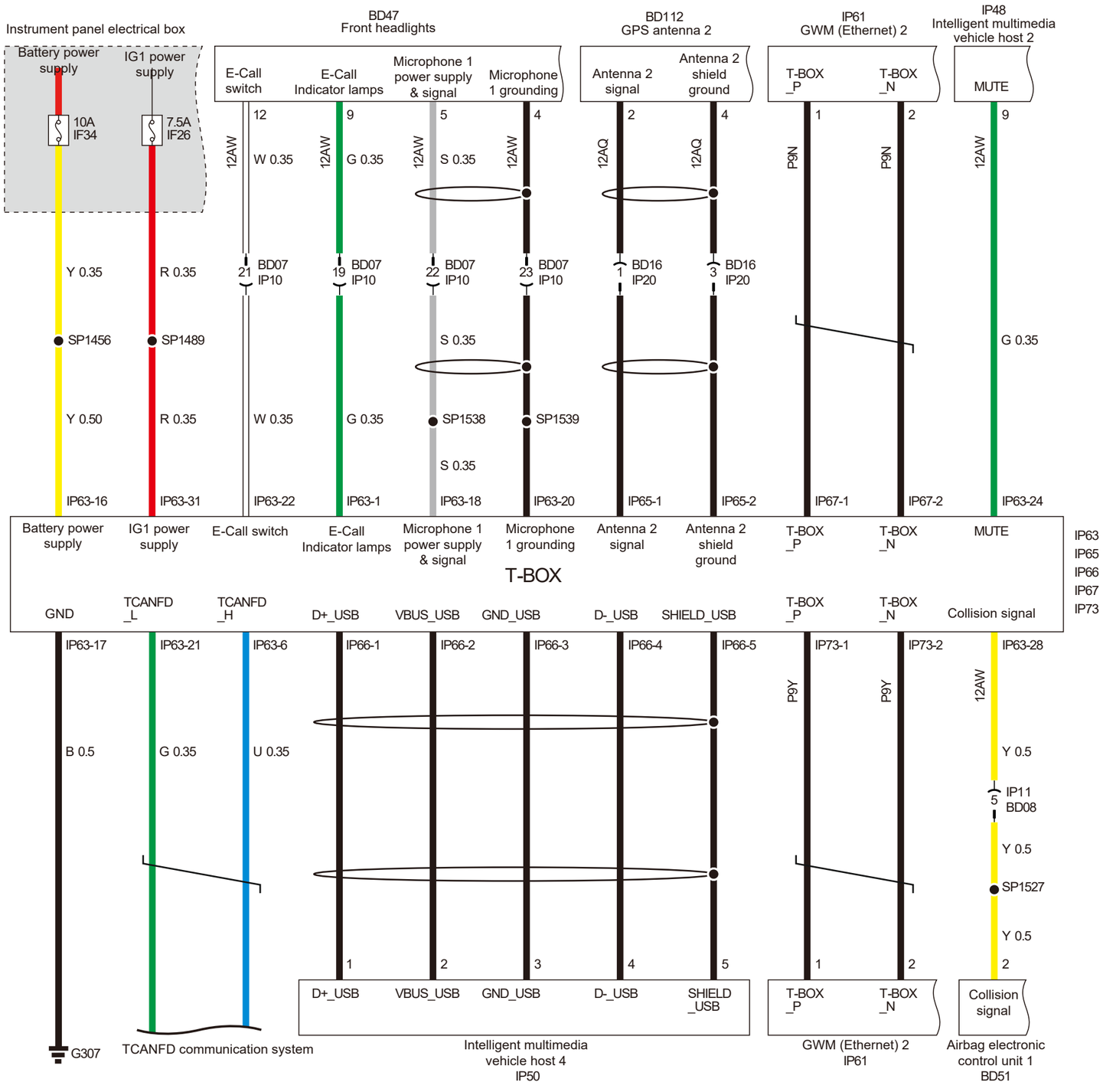
4.59 LIN communication system 2

LIN communication system 2



4.60 T-BOX

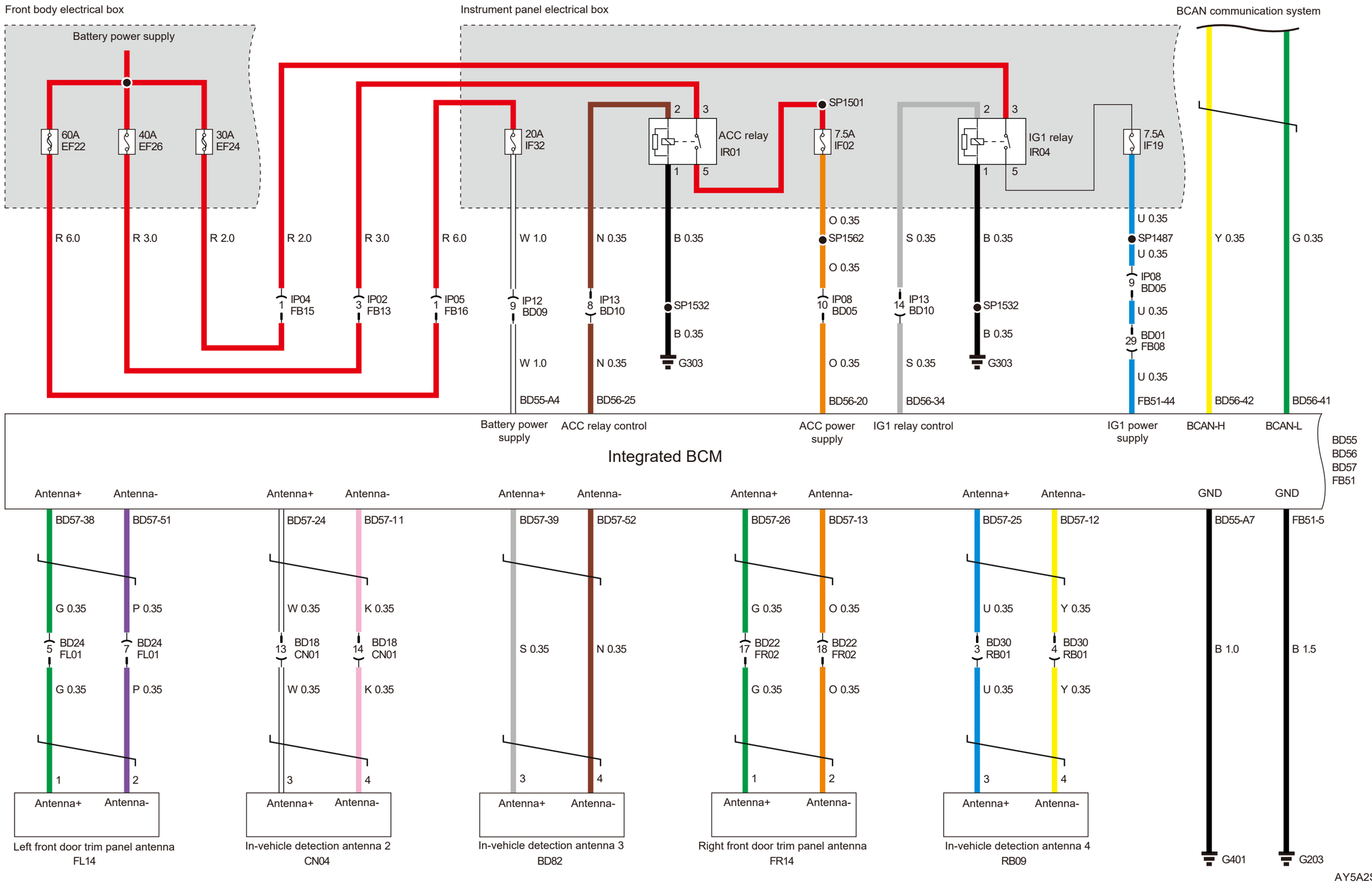
T-BOX



AY5A2S04004055

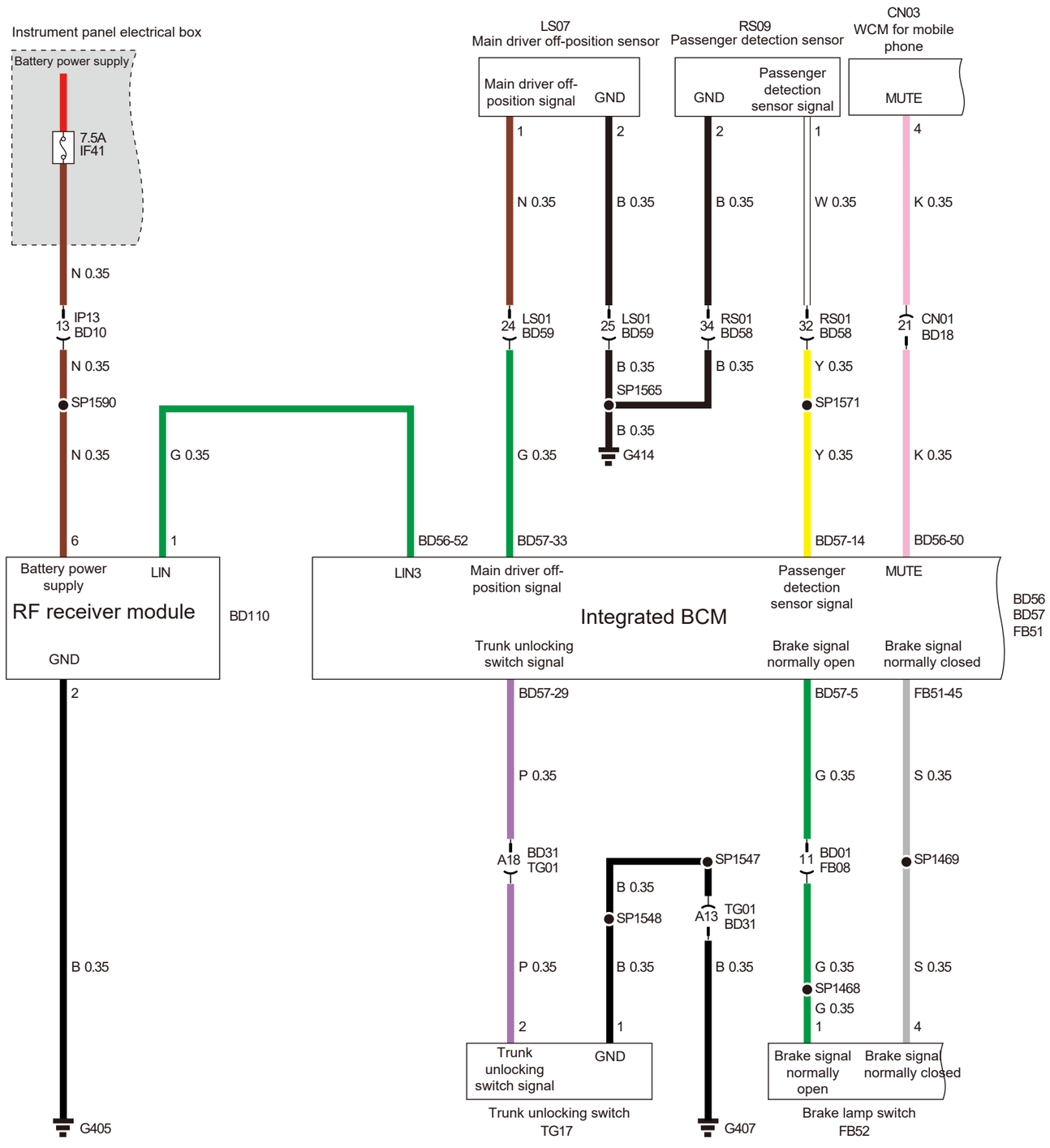
4.61 Keyless start/smart entry system 1

Keyless start/smart entry system 1



4.62 Keyless start/smart entry system 2

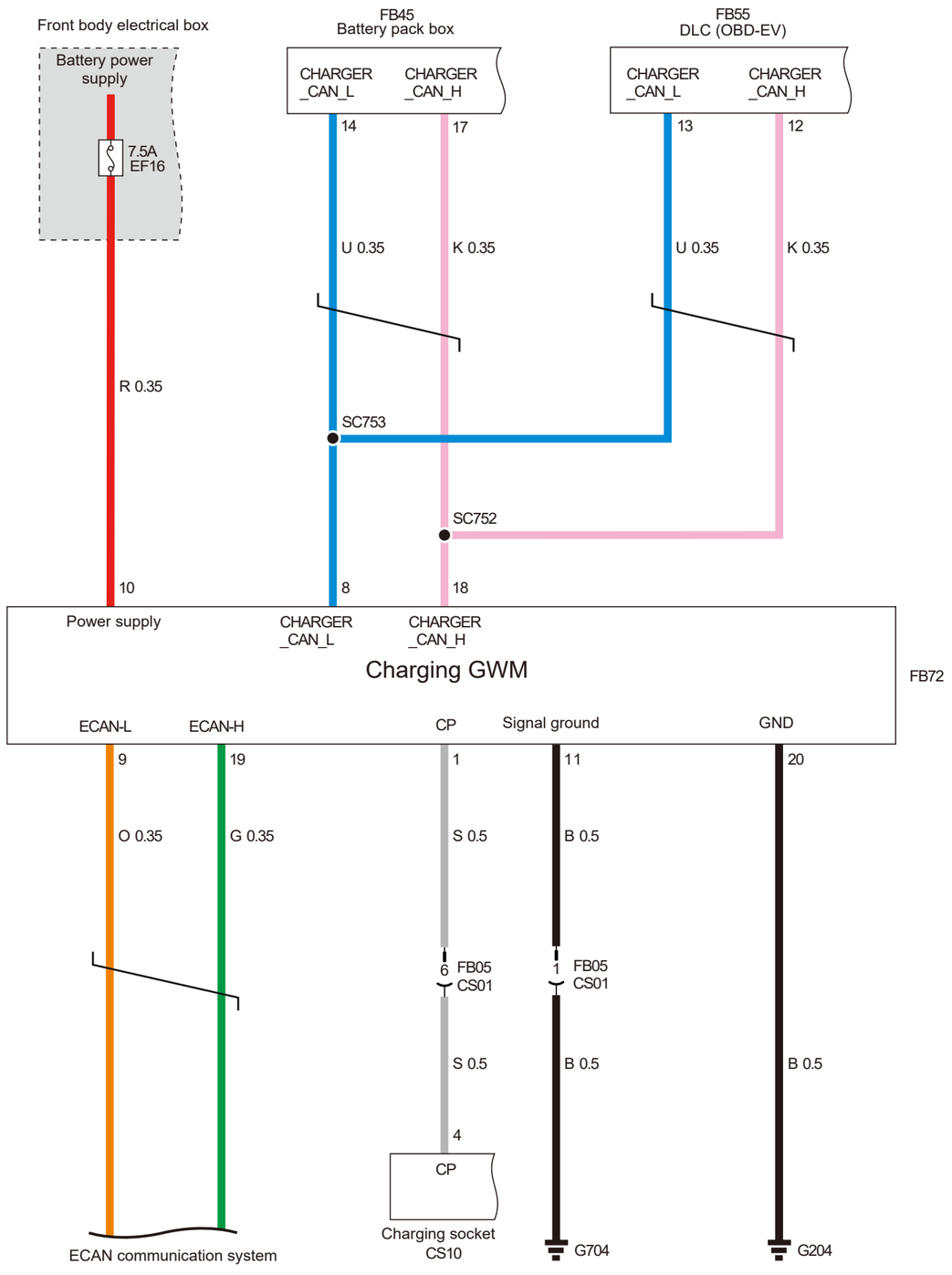
Keyless start/smart entry system 2



AY5A2S04004057

4.63 Charging GWM

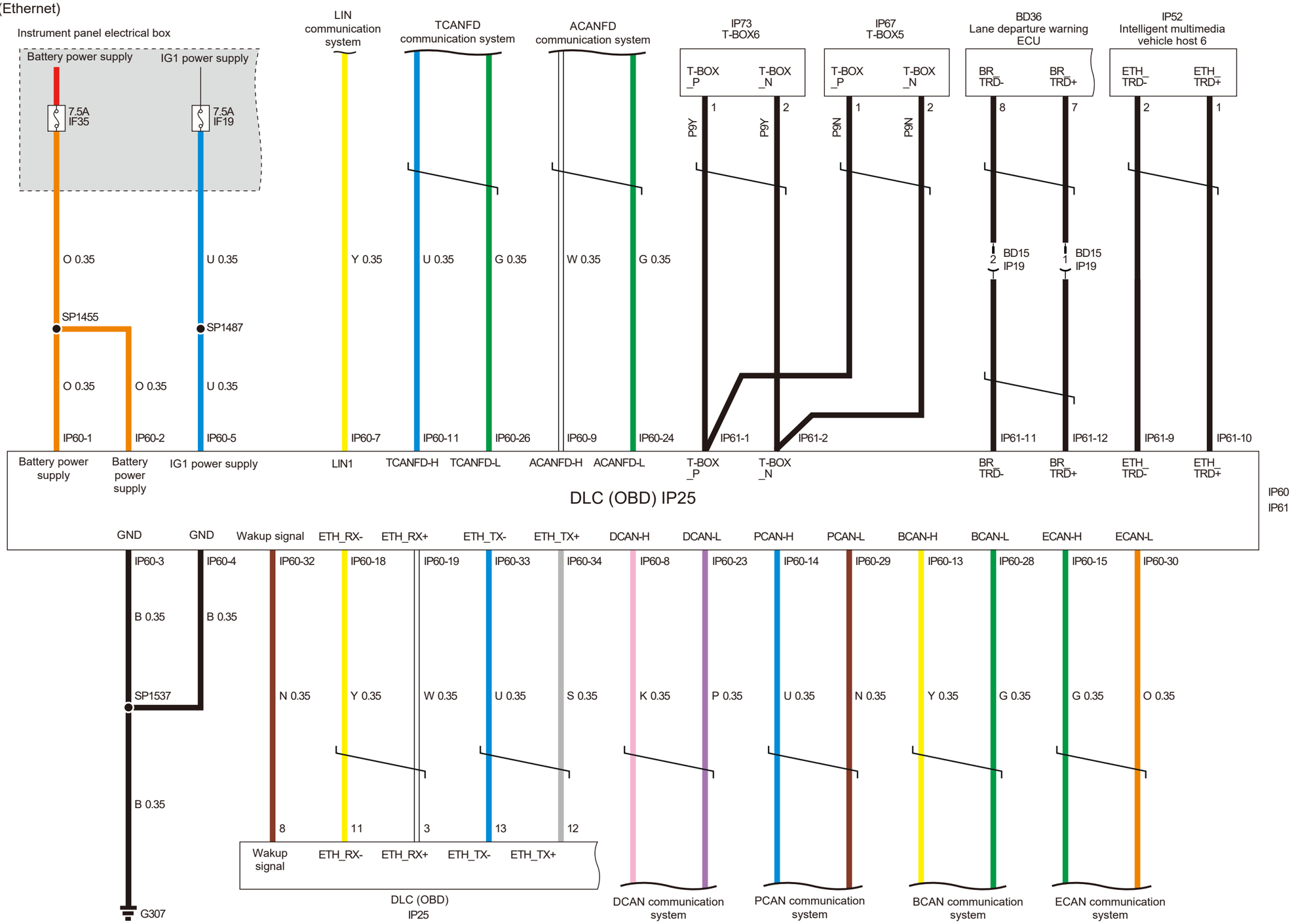
Charging GWM



AY5A2S04004100

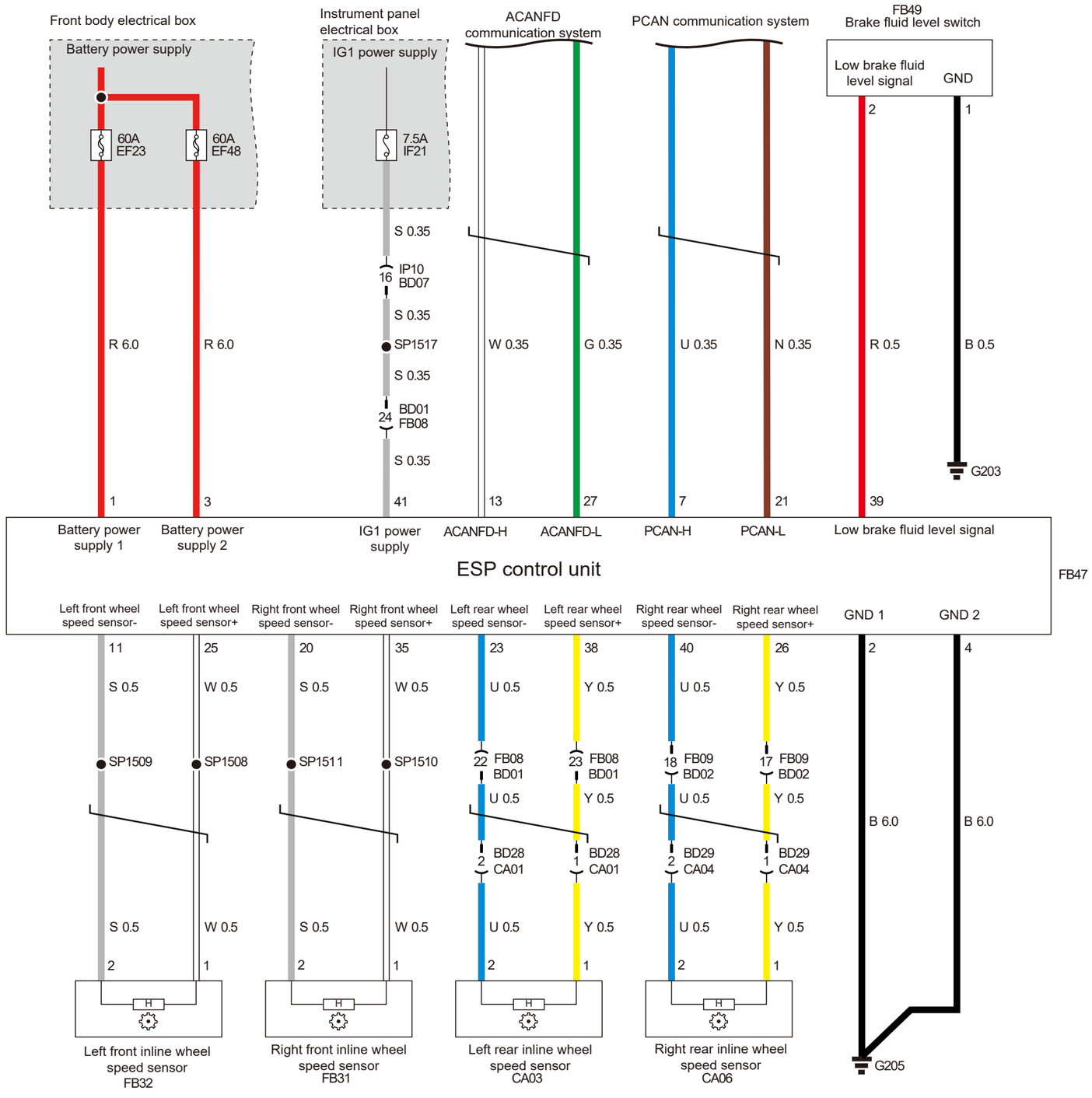
4.64 Gateway system (Ethernet)

Gateway system (Ethernet)



4.65 Integrated brake control system

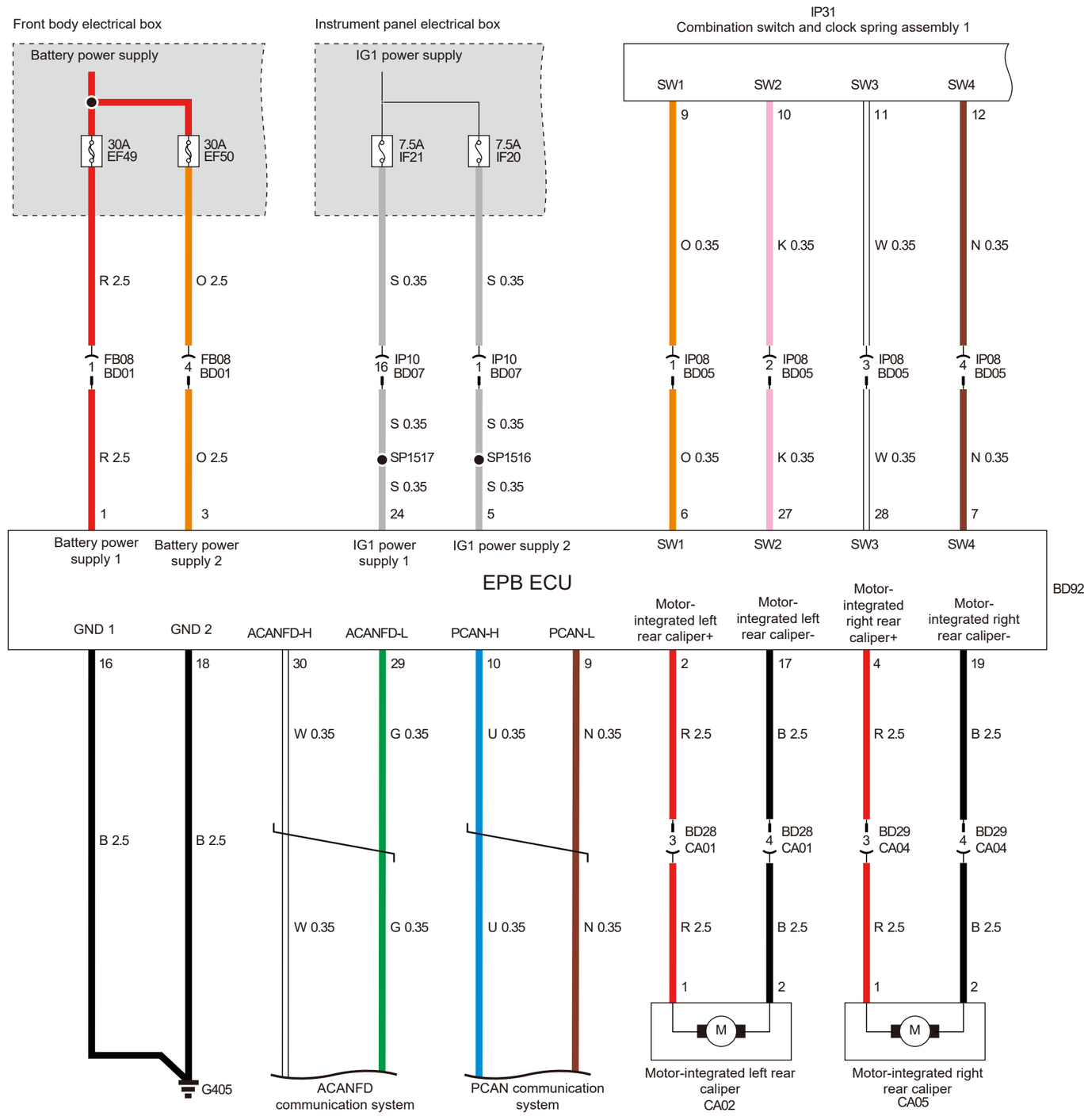
ESP control system



AY5A2S04004061

4.66 EPB control system

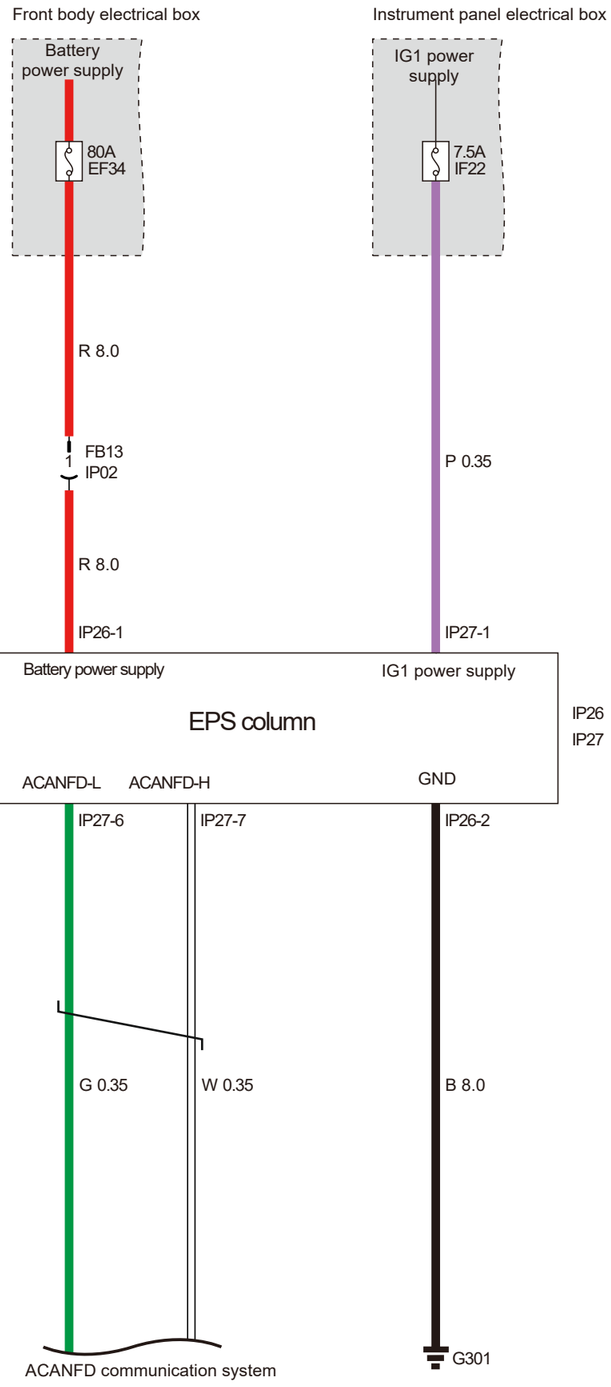
EPB control system



AY5A2S04004062

4.67 EPS system

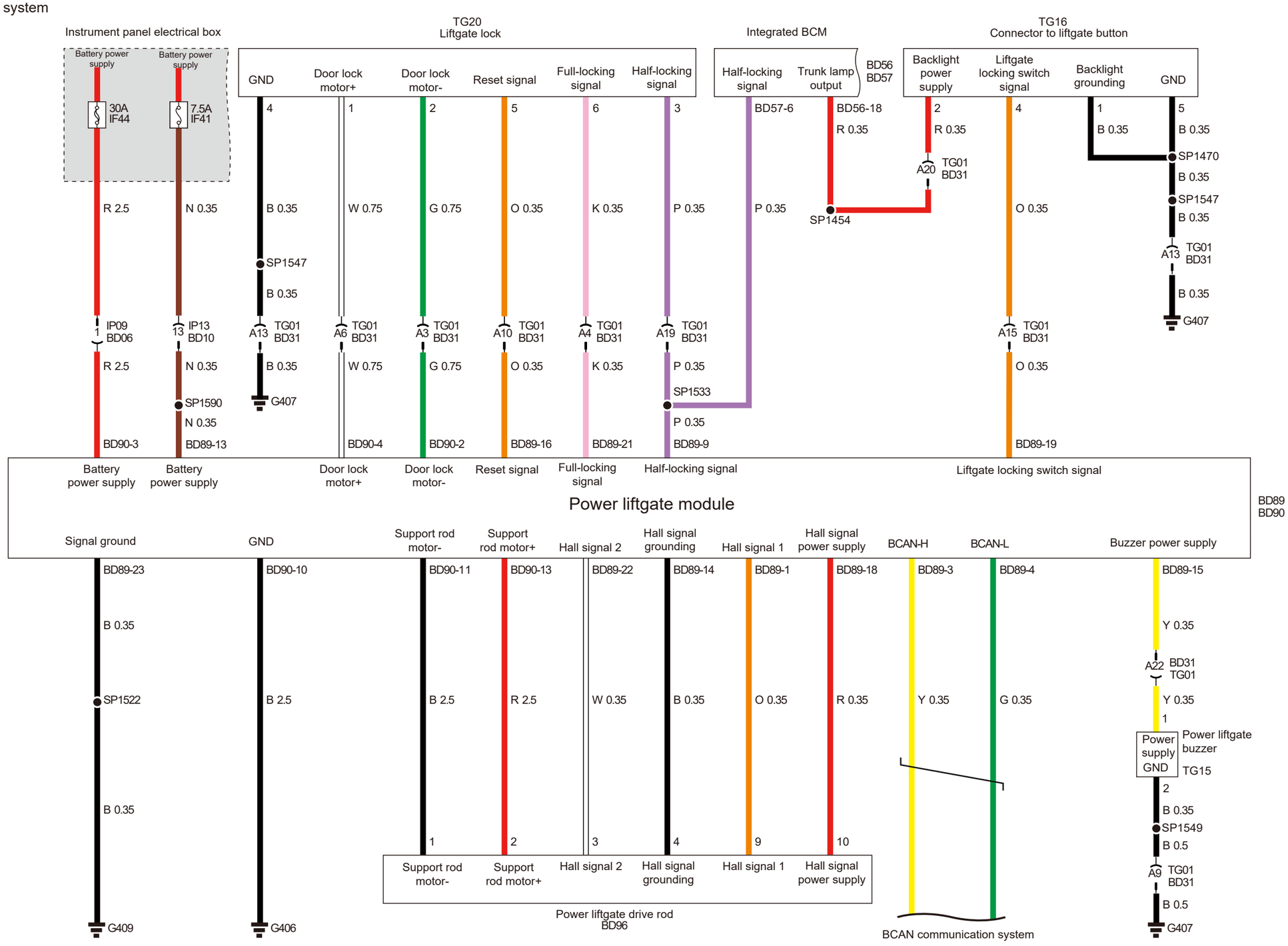
Electric power steering (EPS)



AY5A1S04004063

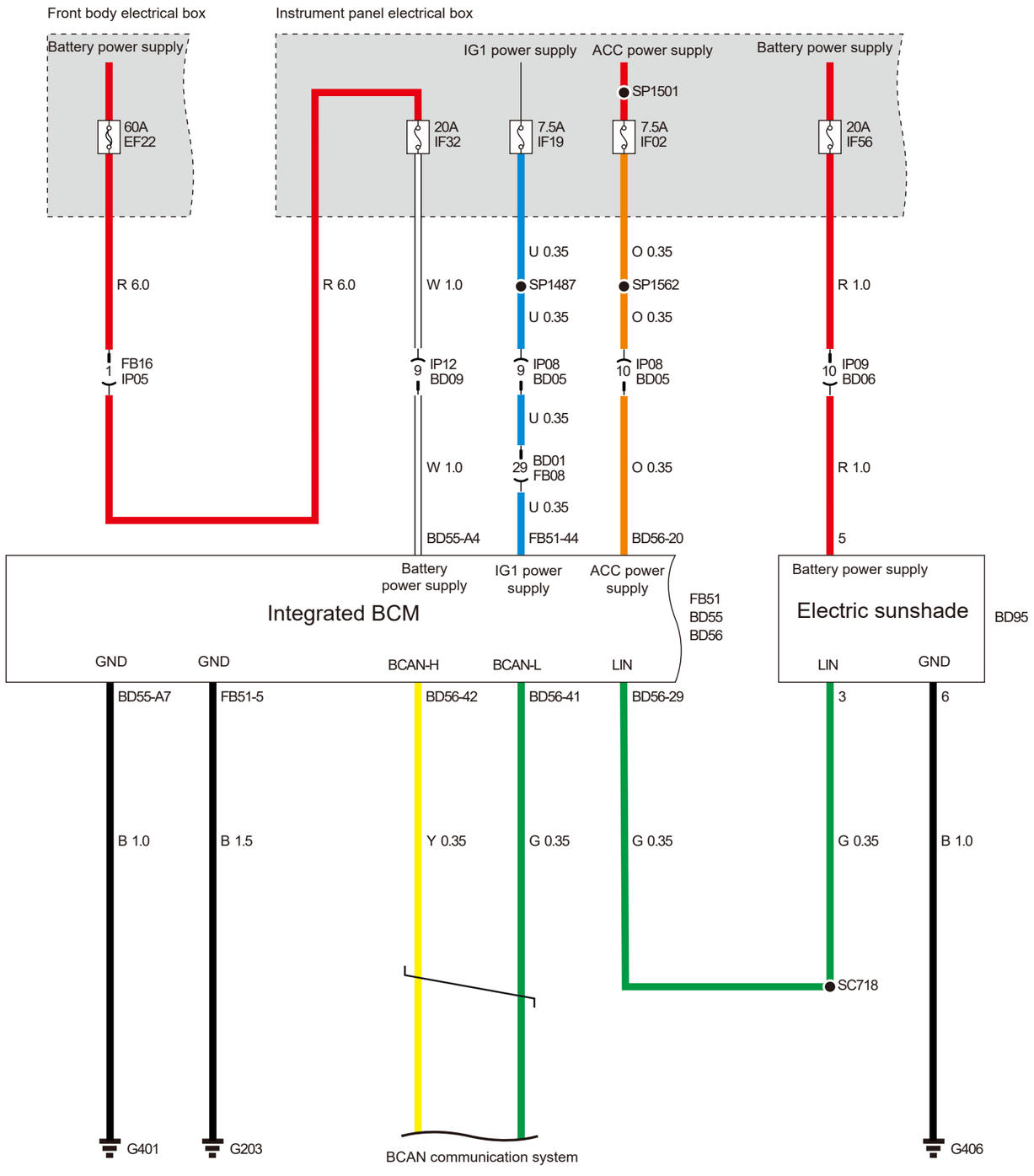
4.68 PLG system

Power liftgate (PLG) system



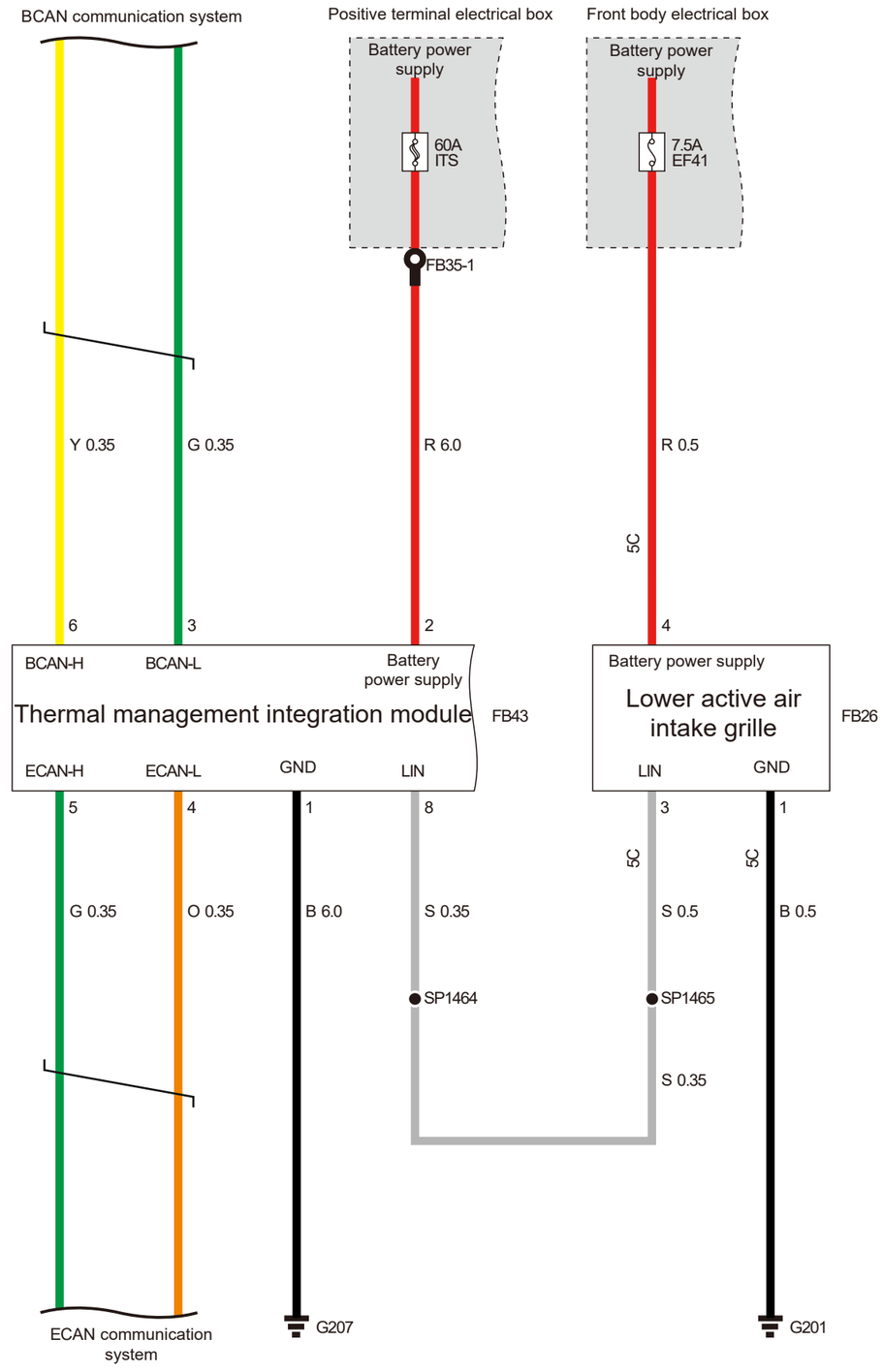
4.69 Electric sunshade

Electric sunshade



4.70 Active air intake grille

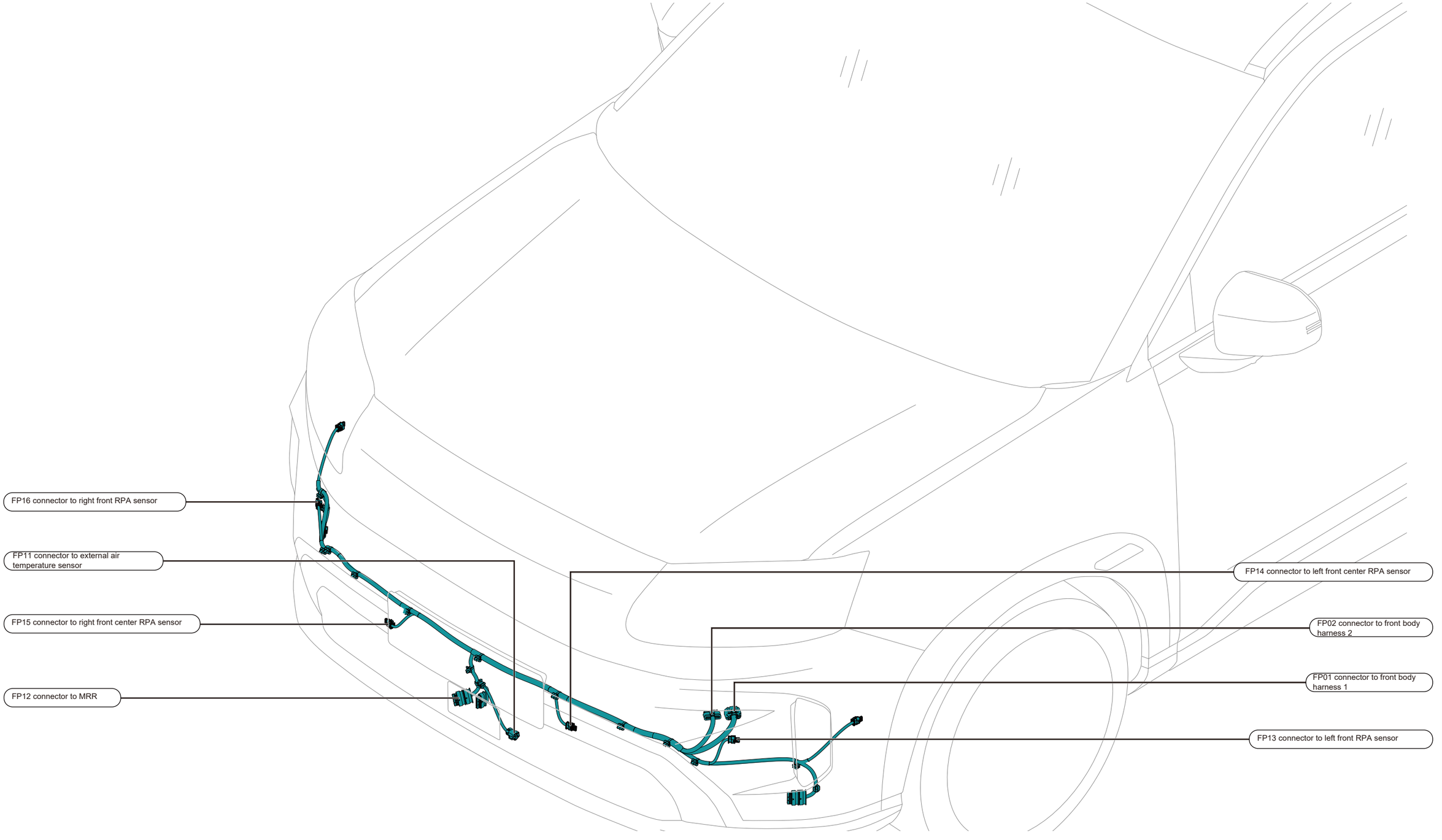
Active air intake grille



AY5A2S04004067

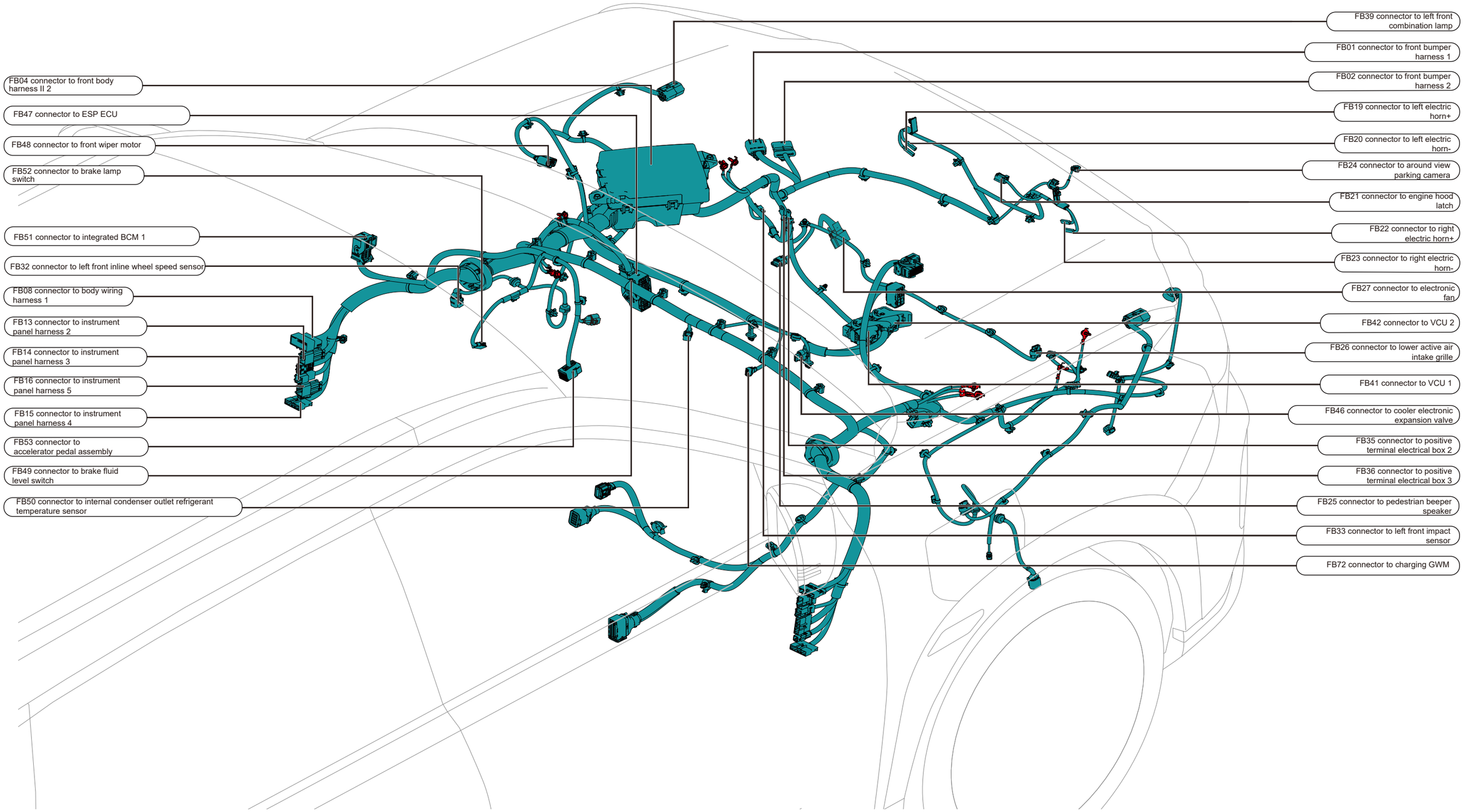
5.1 Front bumper harness

Front bumper harness



5.2 Front body harness 1

Front body harness 1



AY5A2S04005001

5.3 Front body harness 2

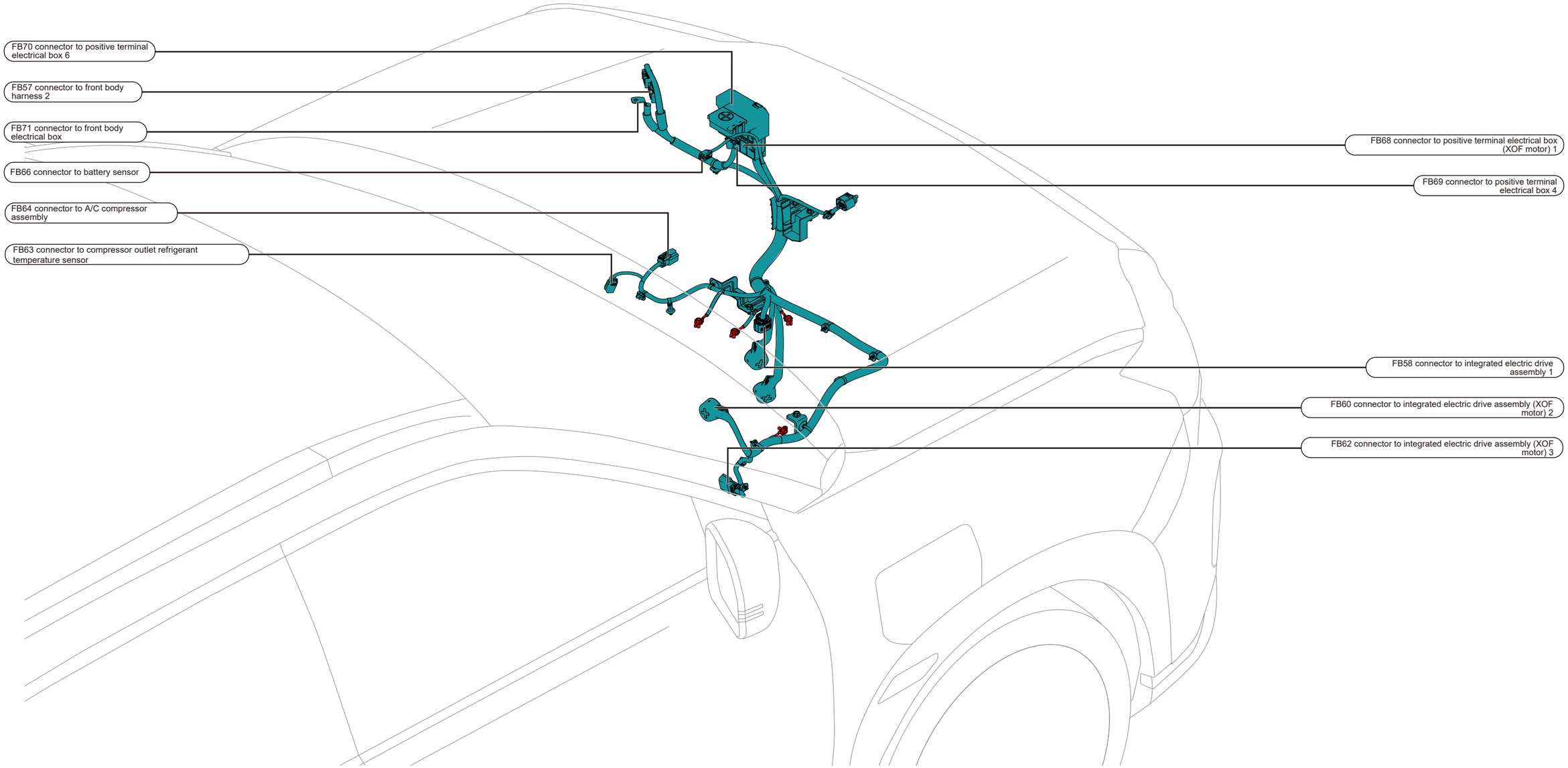
Front body harness 2



AY5A2S04005002

5.4 Front body harness II

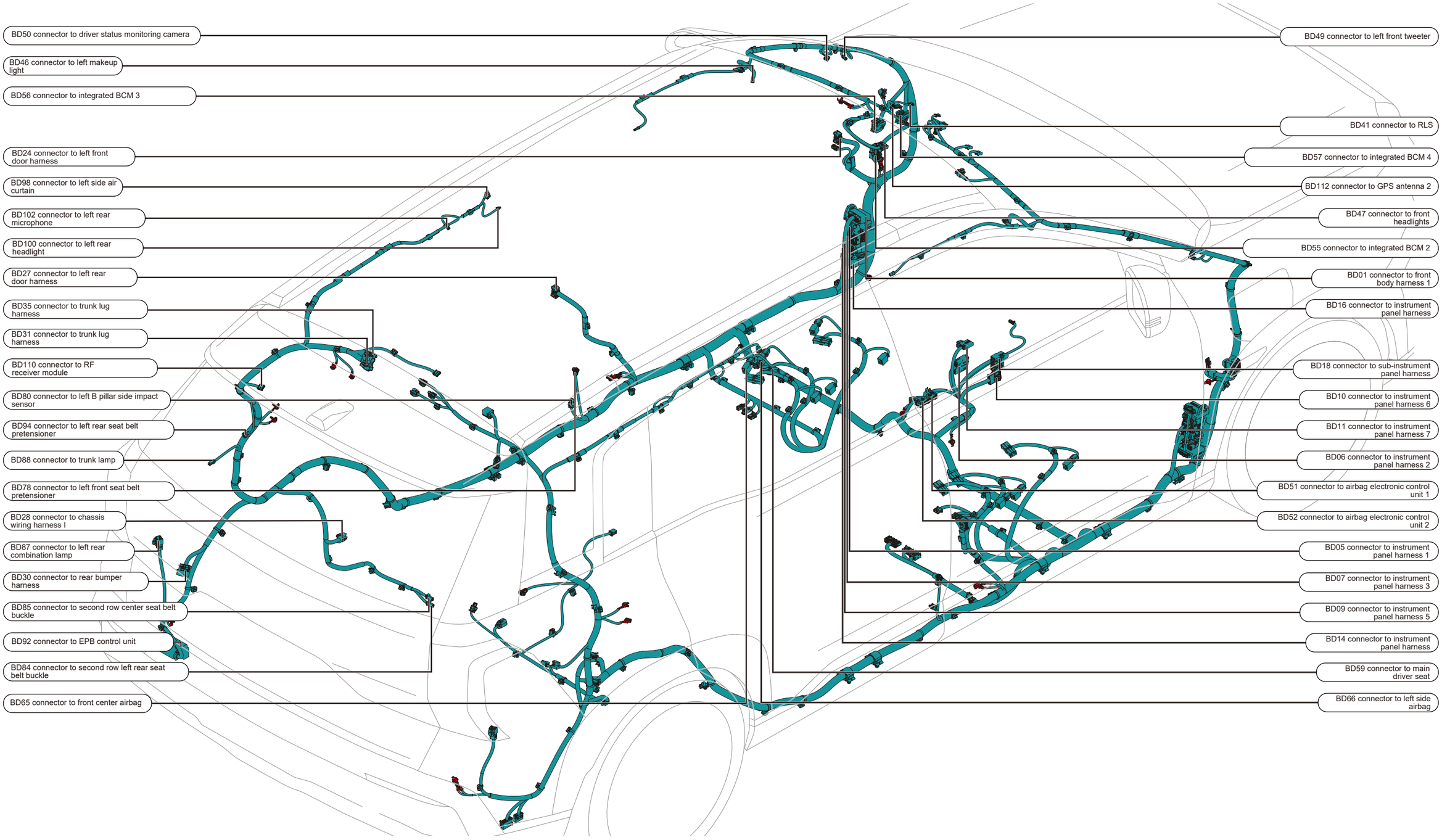
Front body harness II



AY5A2S04005003

5.5 Body wiring harness 1

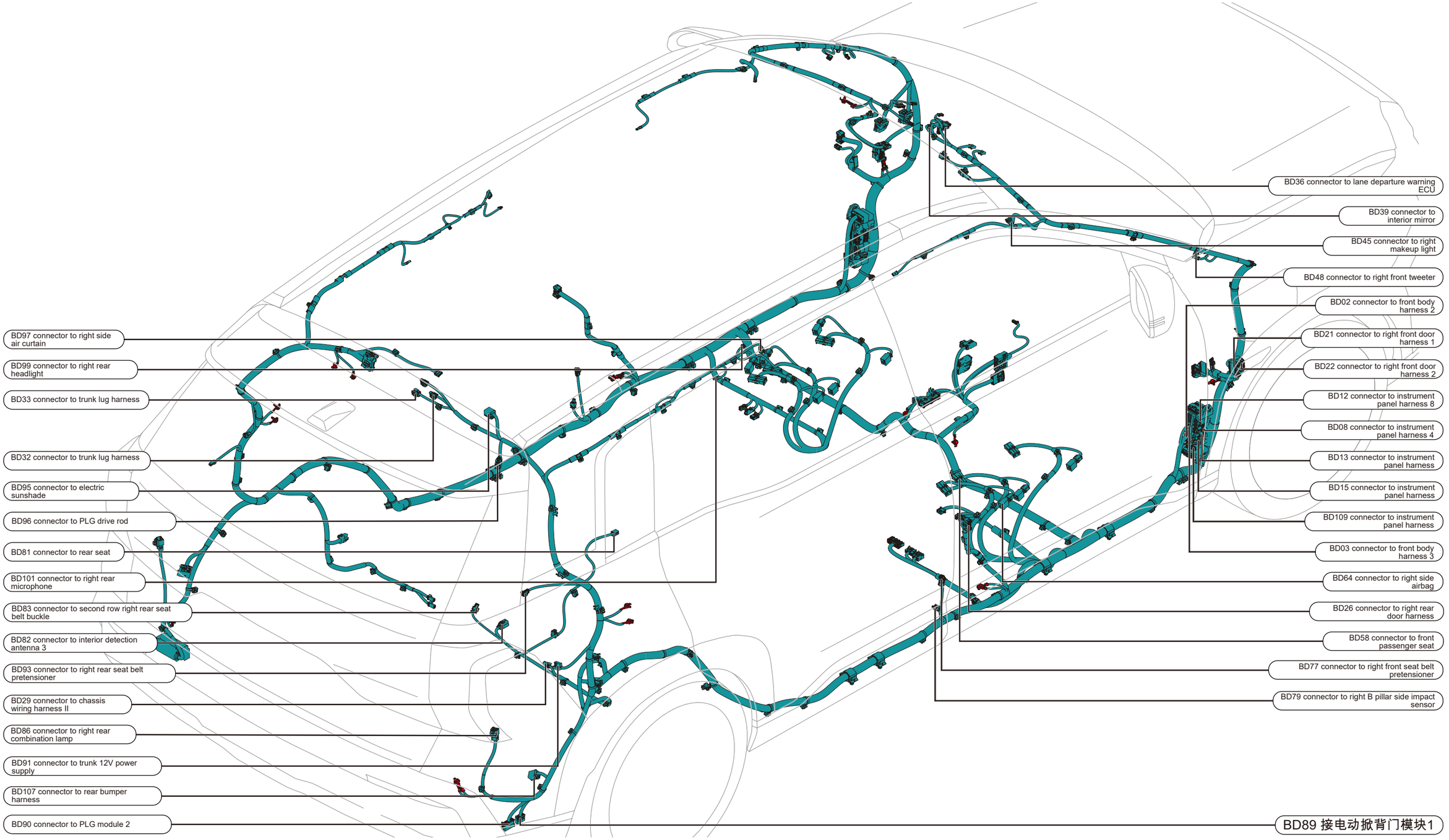
Body harness 1



AY5A2S04005004

5.6 Body wiring harness 2

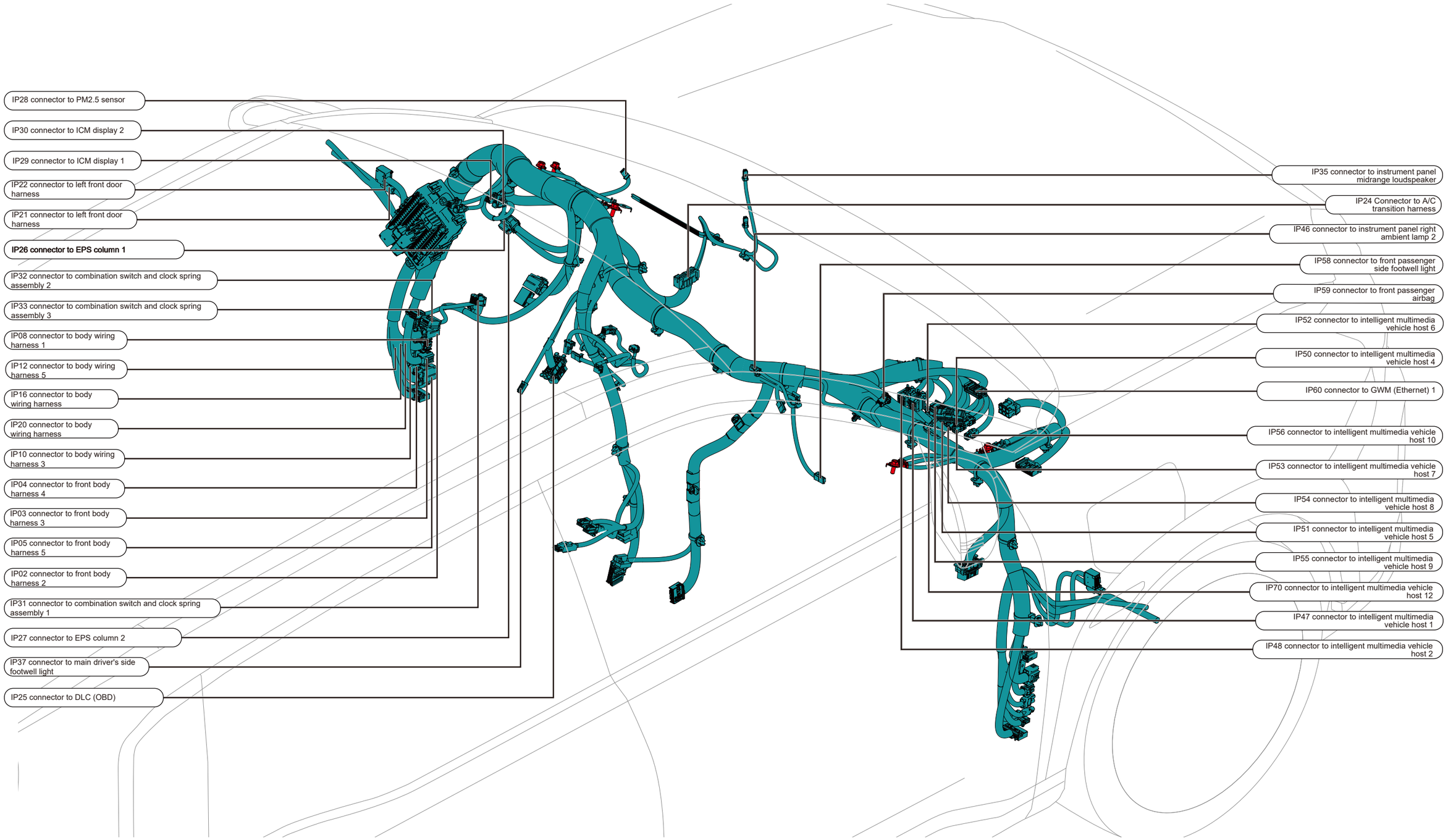
Body harness 2



AY5A2S04005005

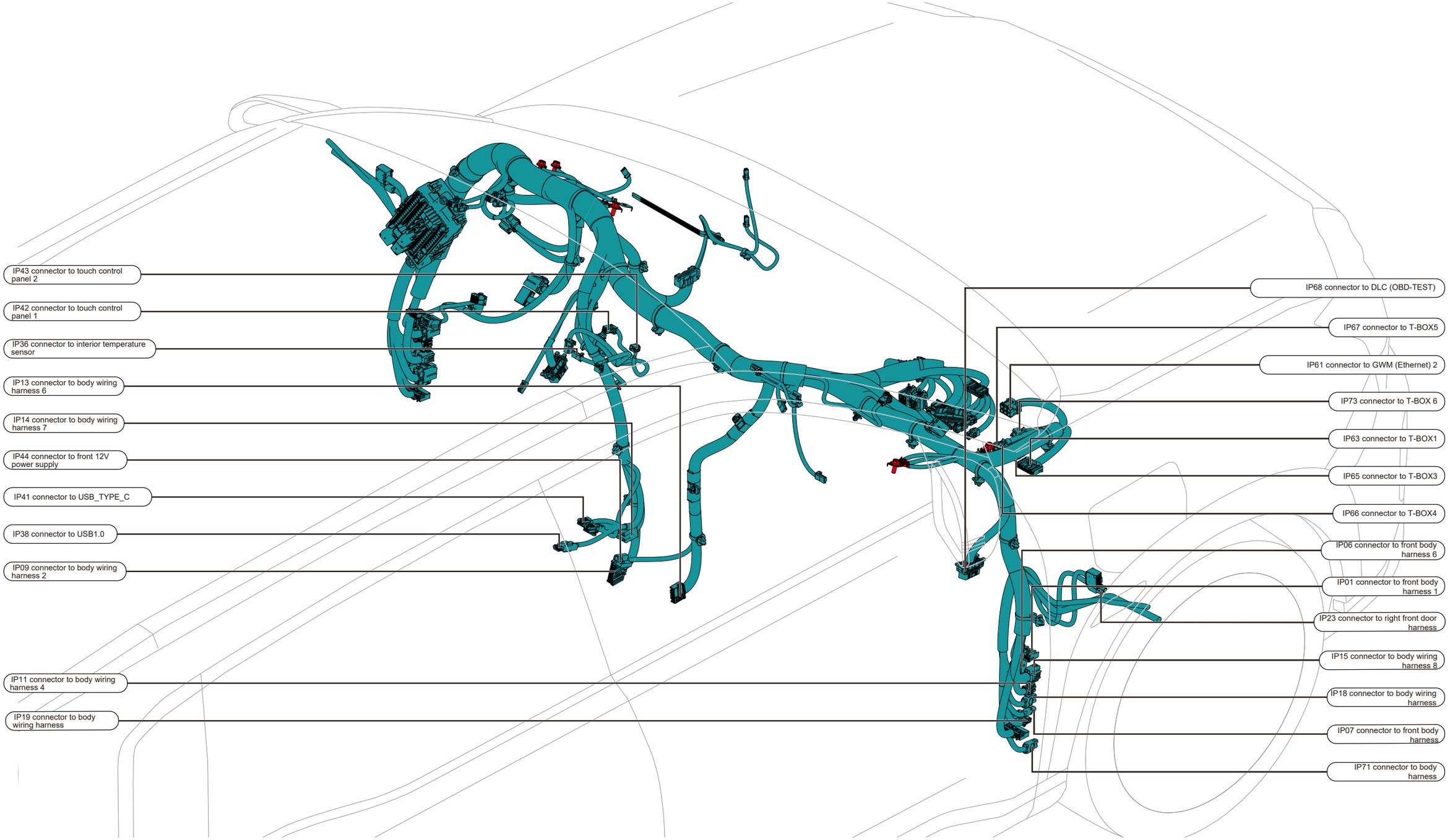
5.7 Instrument panel harness 1

Instrument panel harness 1



5.8 Instrument panel harness 2

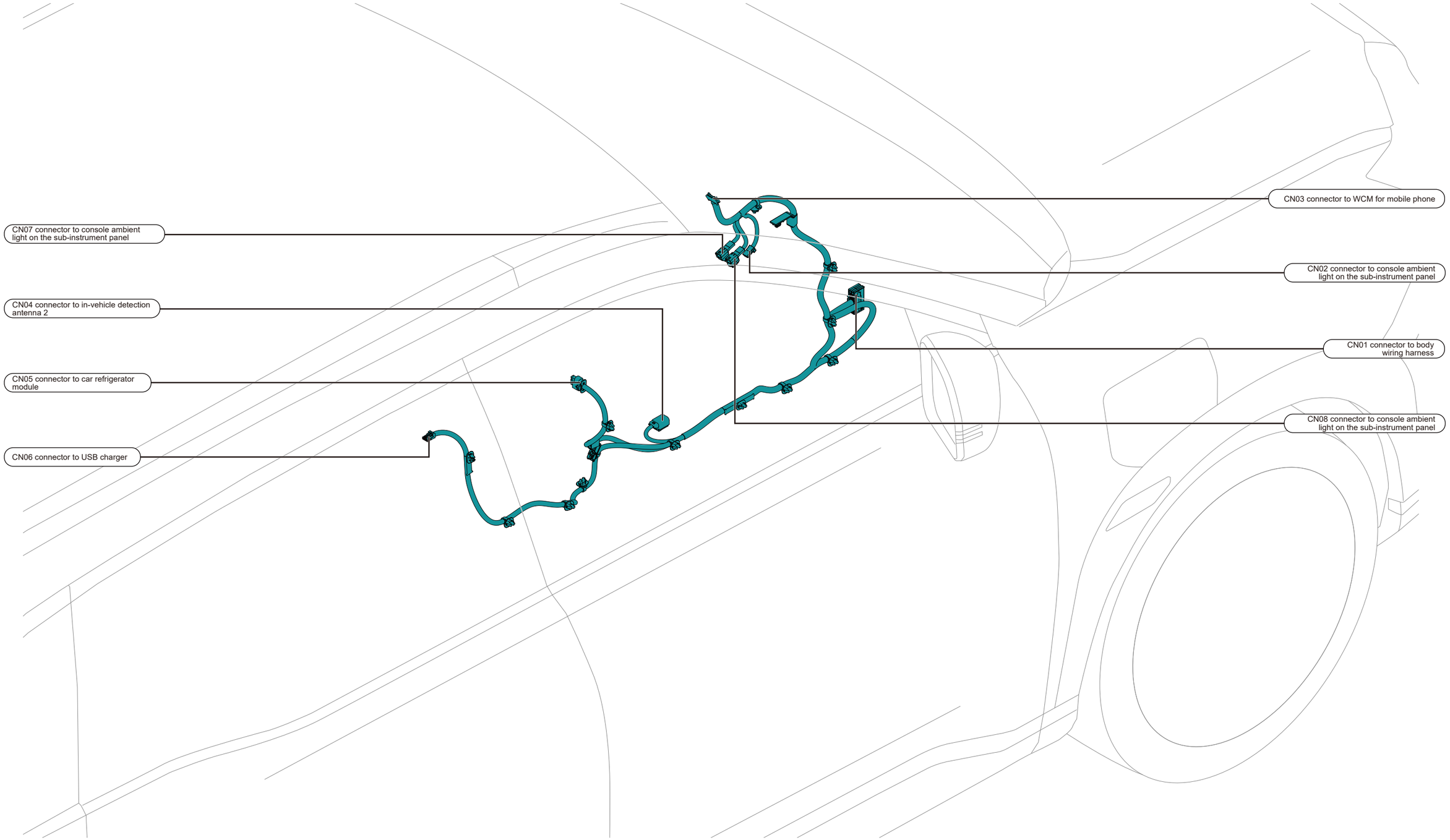
Instrument panel harness 2



AY5A2S04005008

5.9 Sub-instrument panel harness

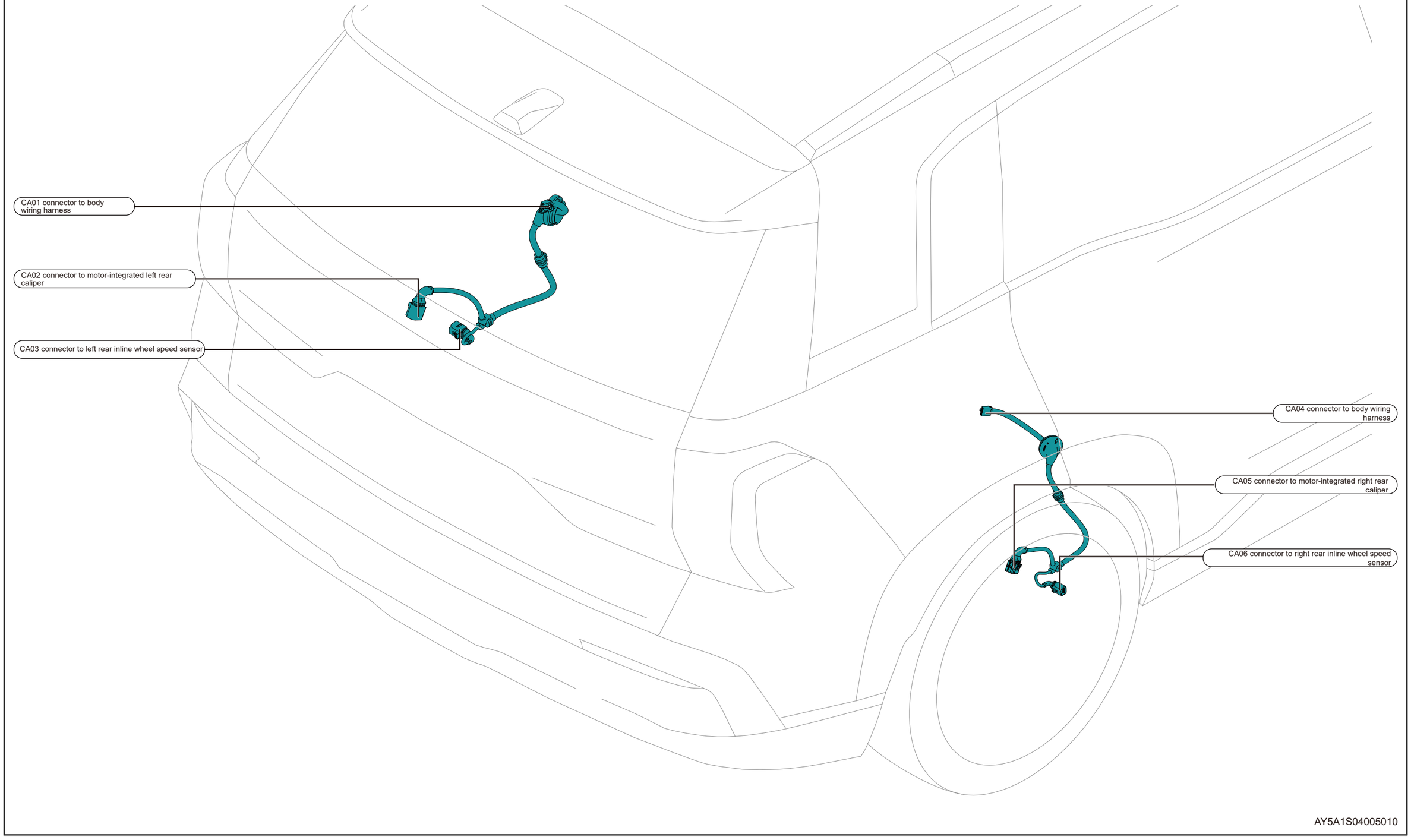
Sub-instrument panel harness



AY5A1S04005009

5.10 Chassis wiring harness

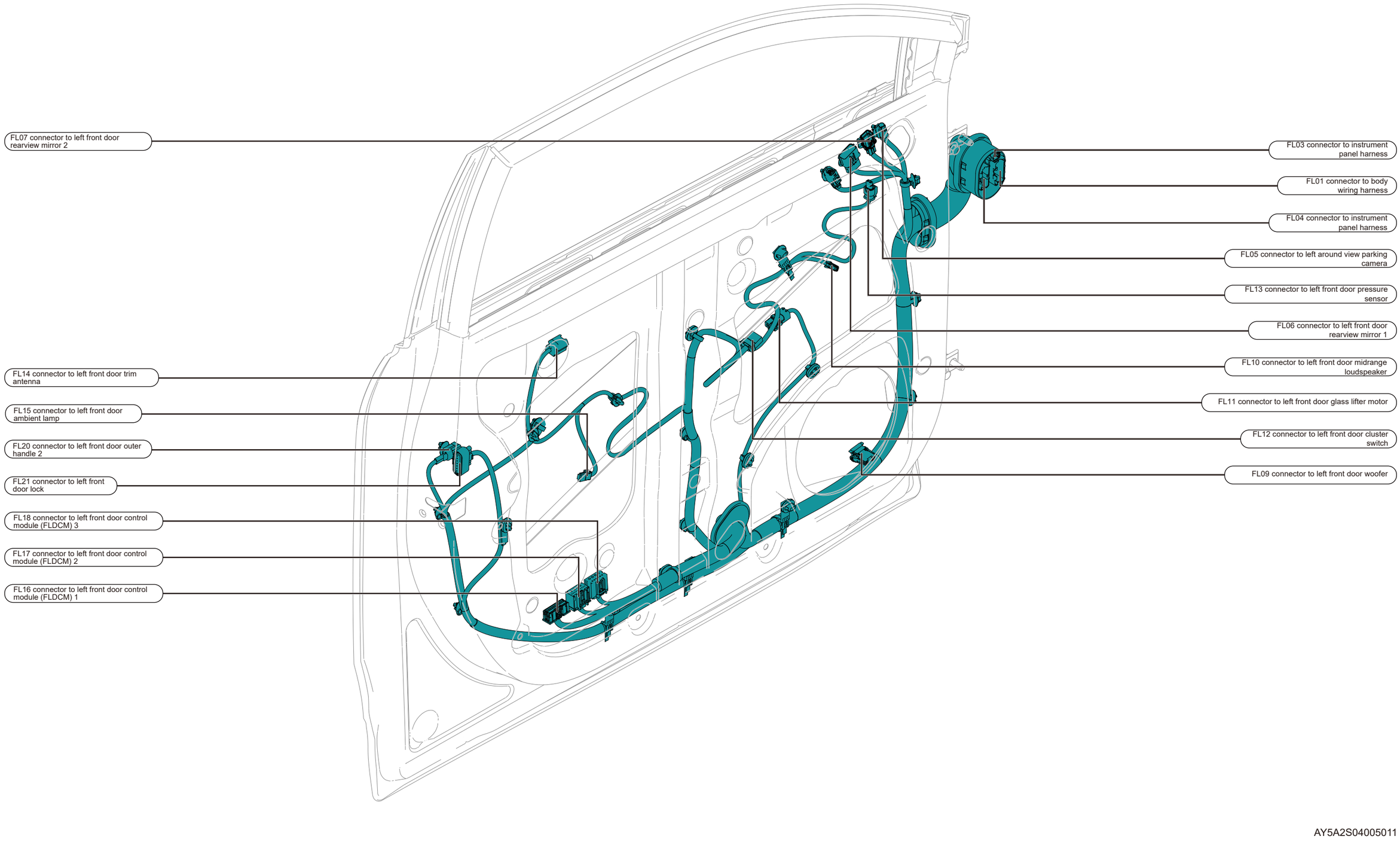
Chassis wiring harness



AY5A1S04005010

5.11 Left front door harness

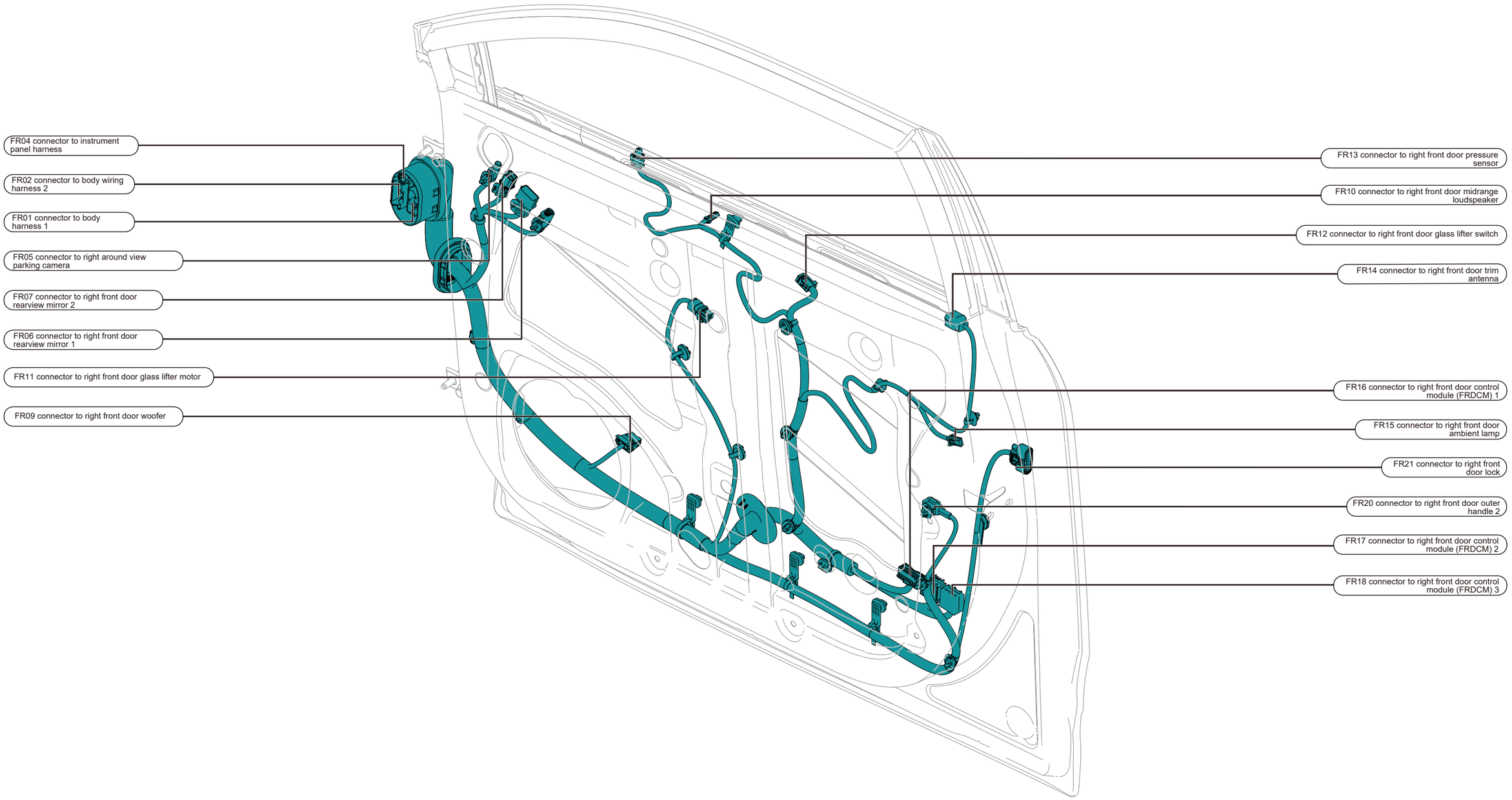
Left front door harness



AY5A2S04005011

5.12 Right front door harness

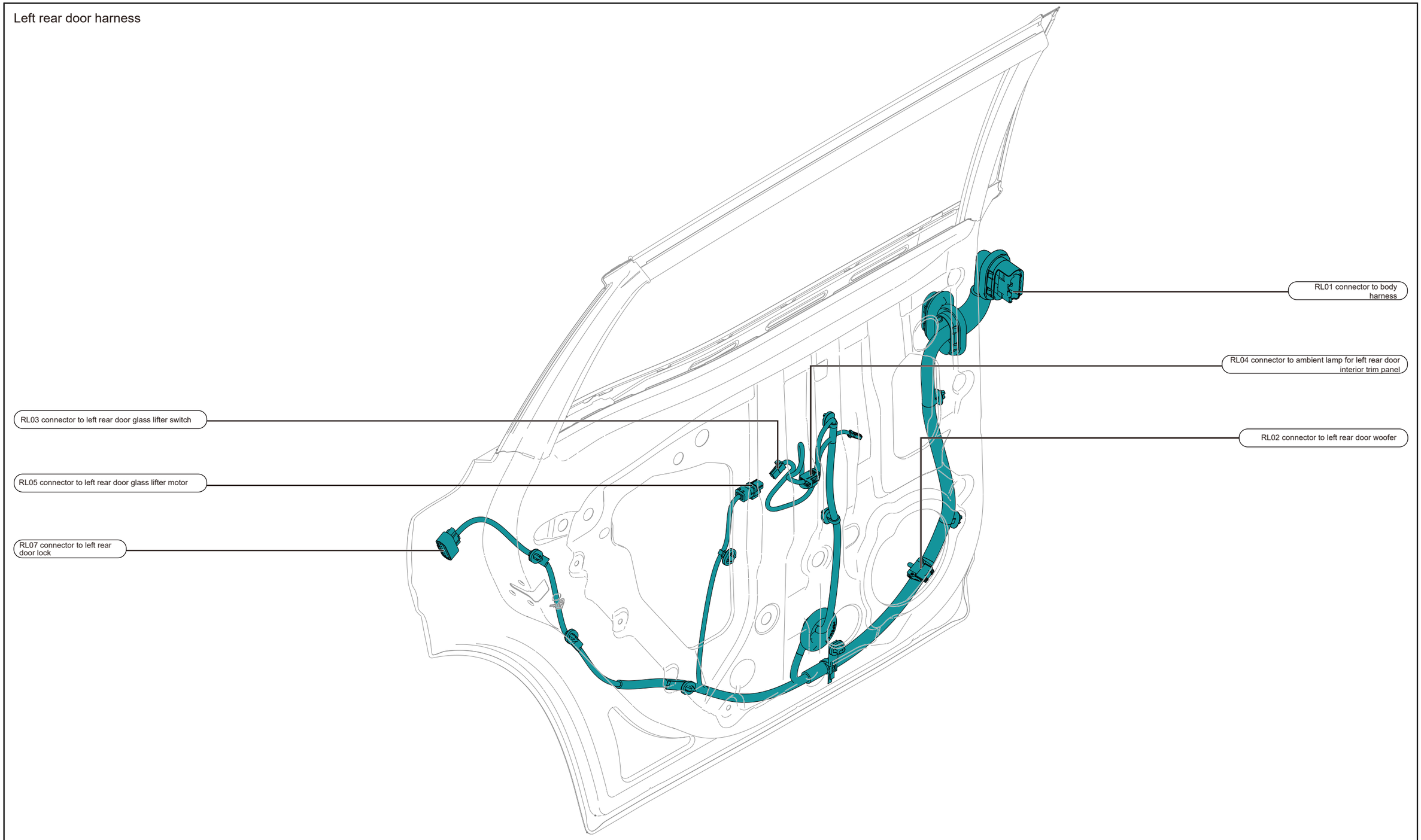
Right front door harness



AY5A2S04005012

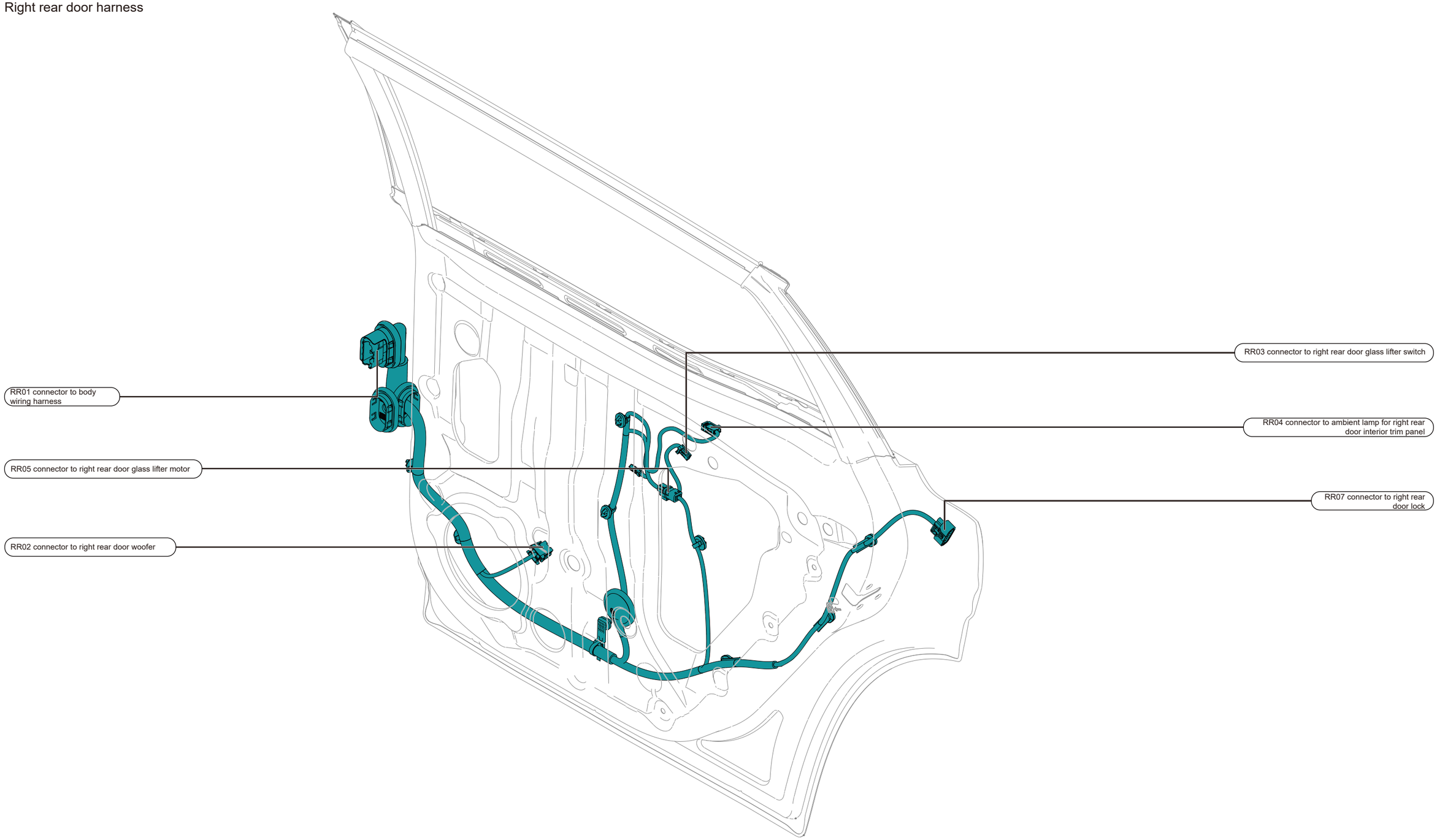
5.13 Left rear door harness

Left rear door harness



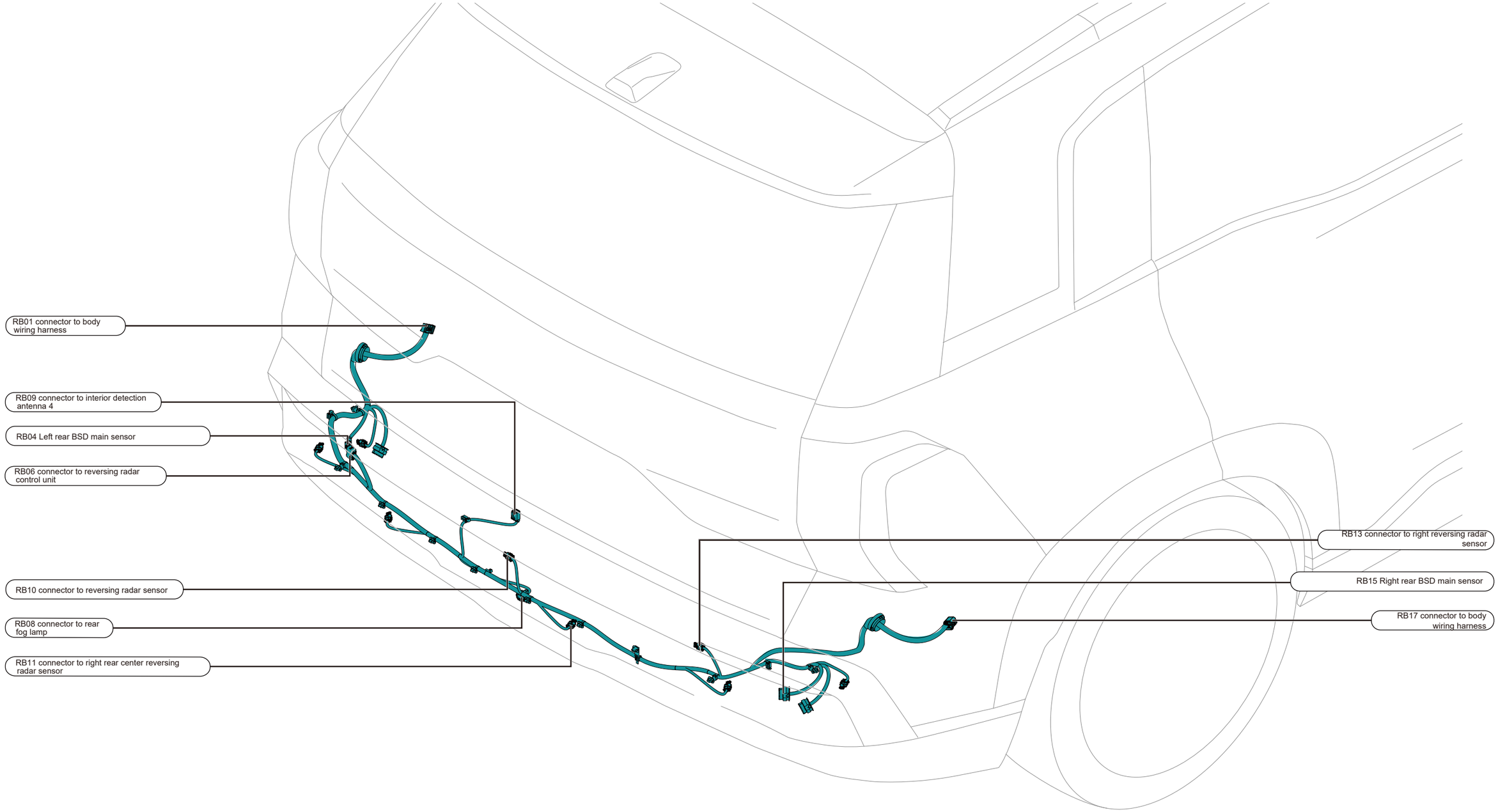
5.14 Right rear door harness

Right rear door harness



5.15 Rear bumper harness

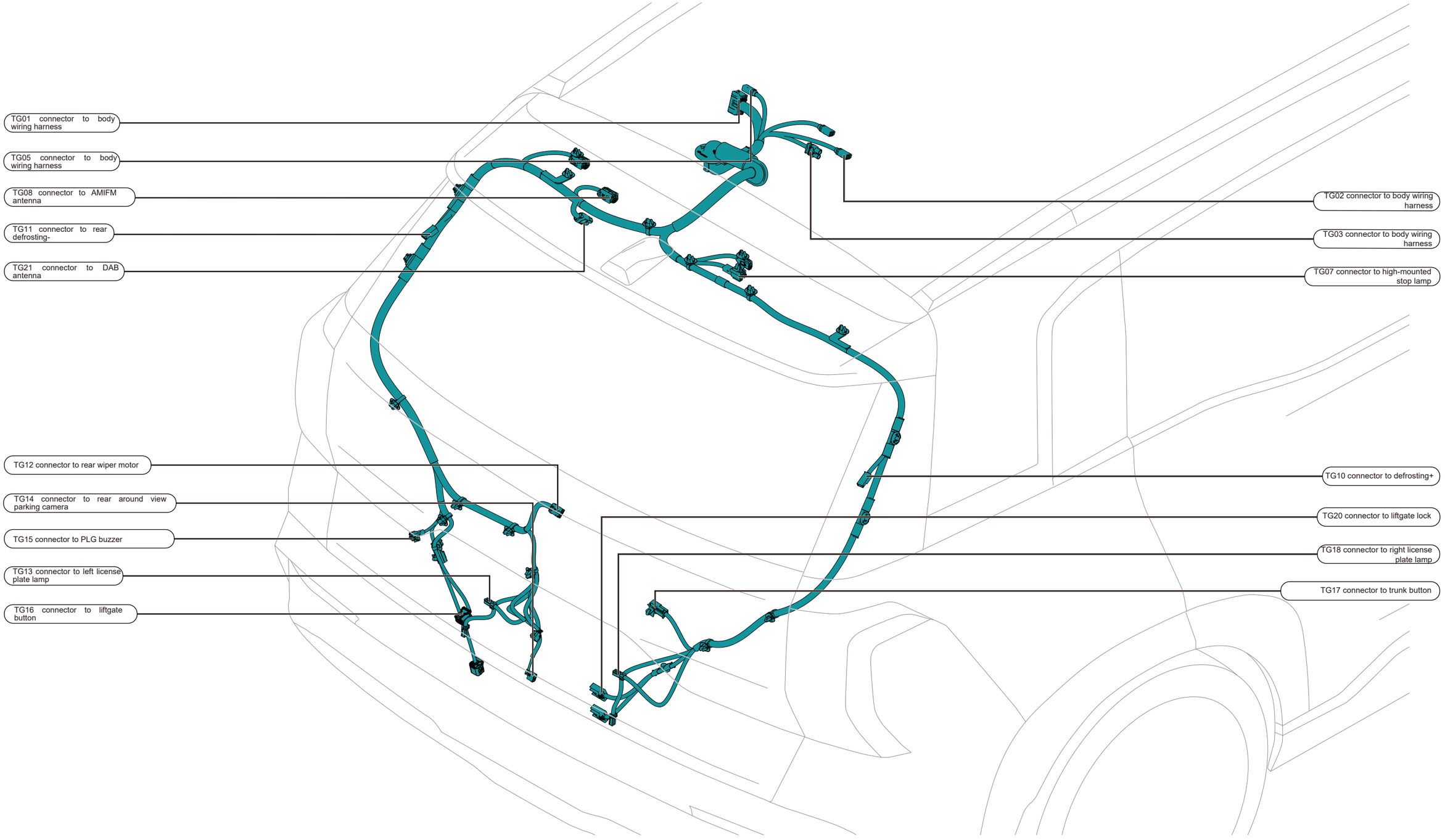
Rear bumper harness



AY5A2S04005021

5.16 Trunk lug harness

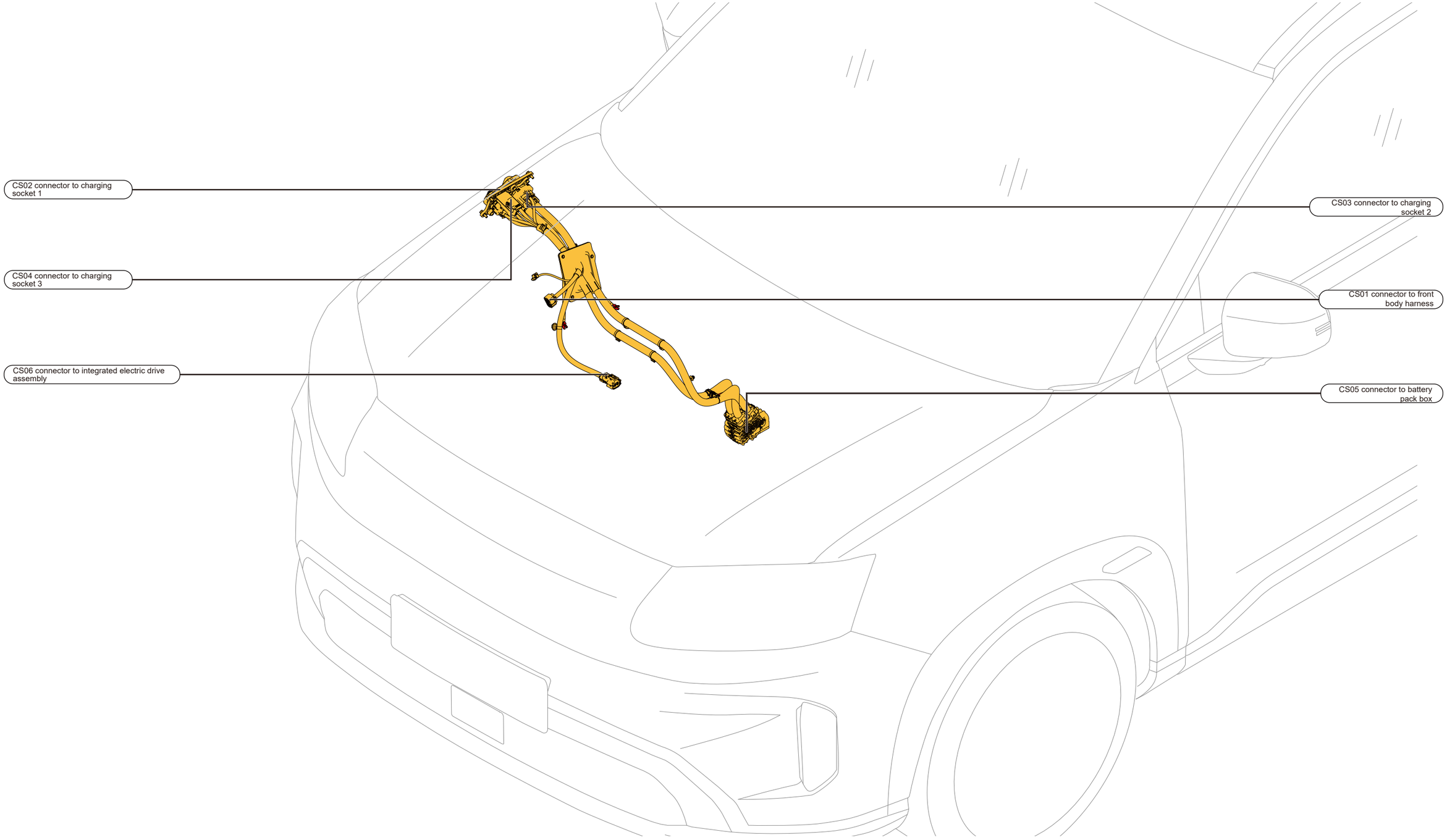
Rear trunk harness



AY5A2S04005015

5.17 Charge socket harness

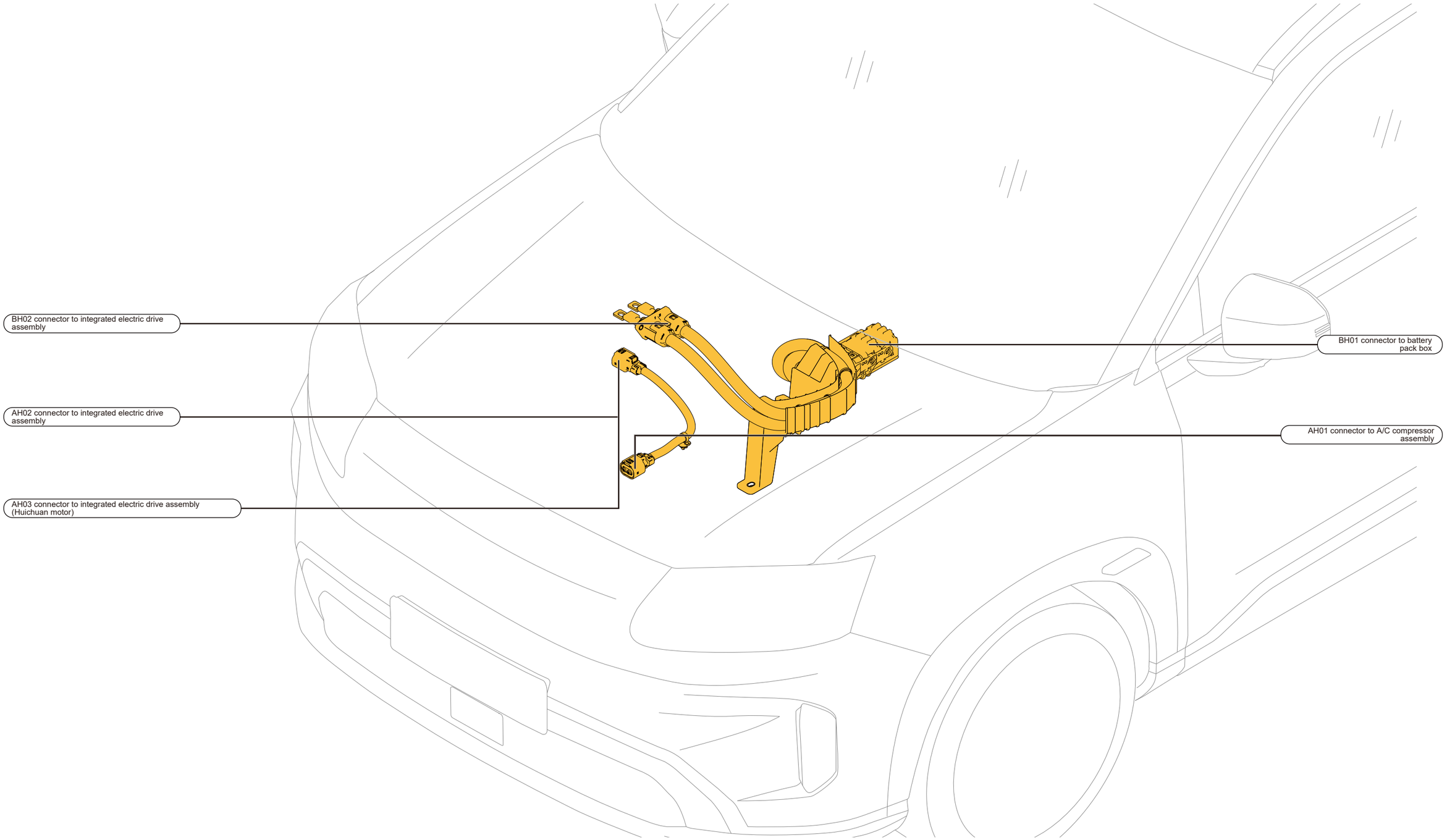
Charge socket harness



AY5A2S04005016

5.18 High-voltage harness

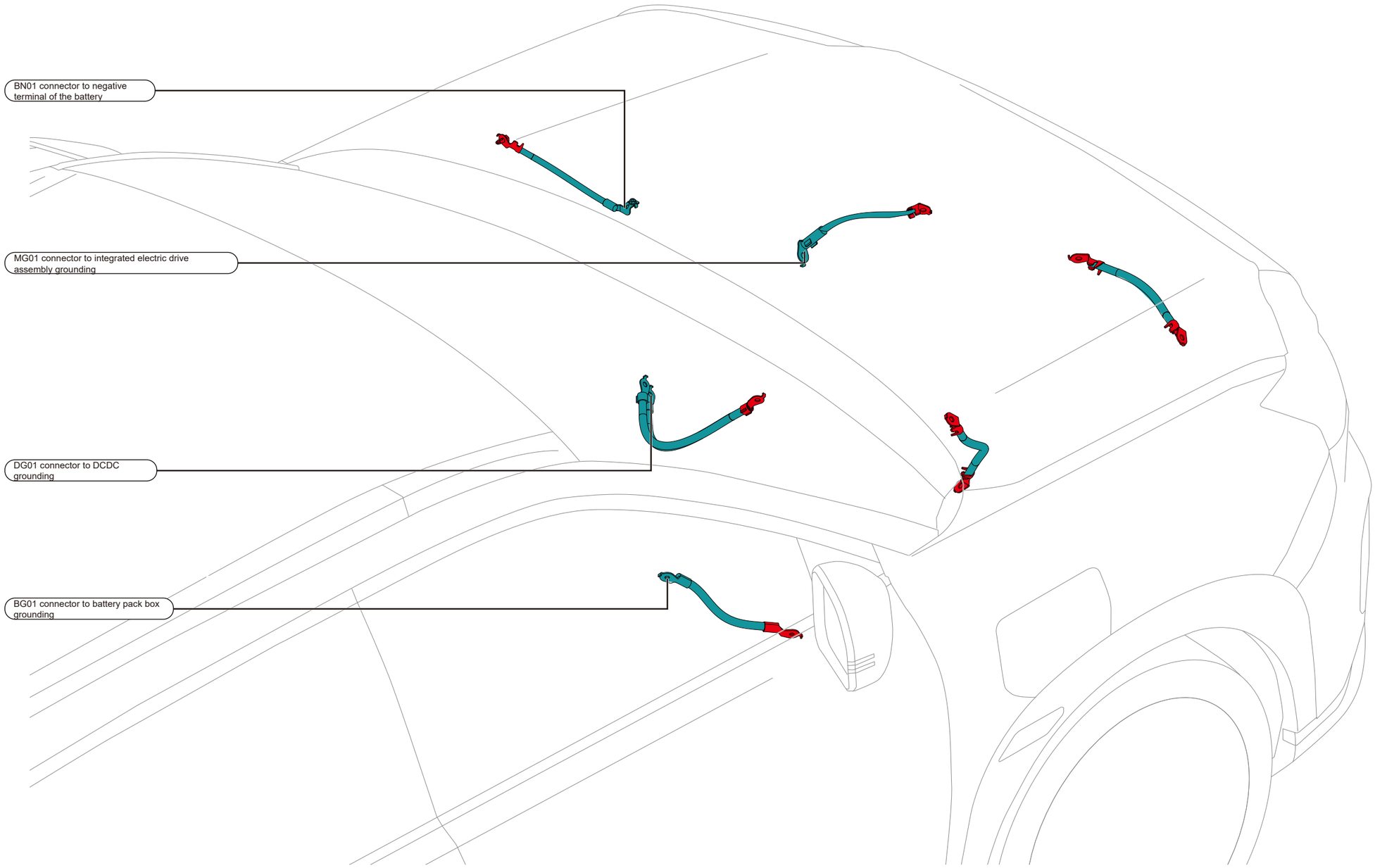
High-voltage harness



AY5A2S04005018

5.19 Grounding harness

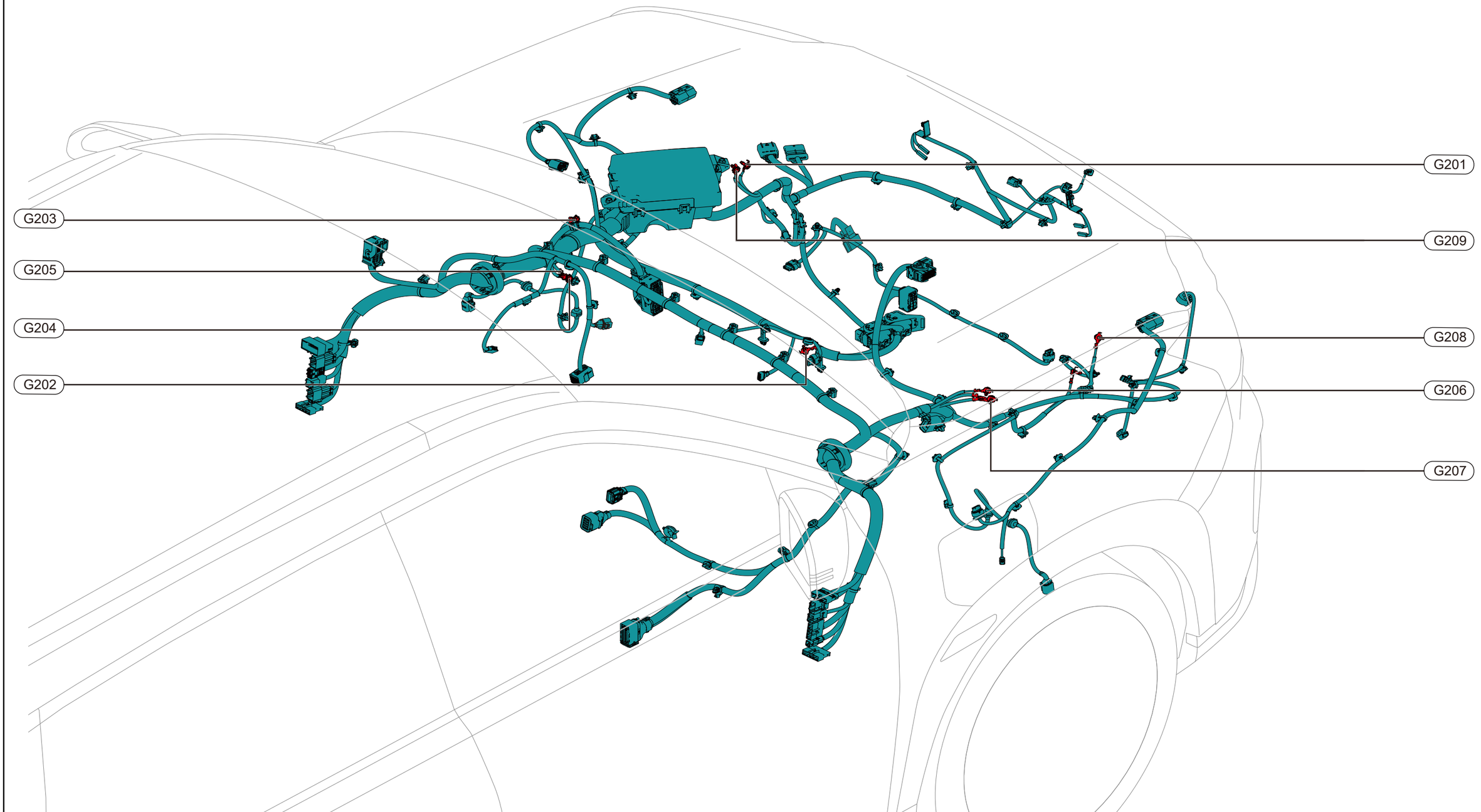
Grounding harnesses



AY5A1S04005020

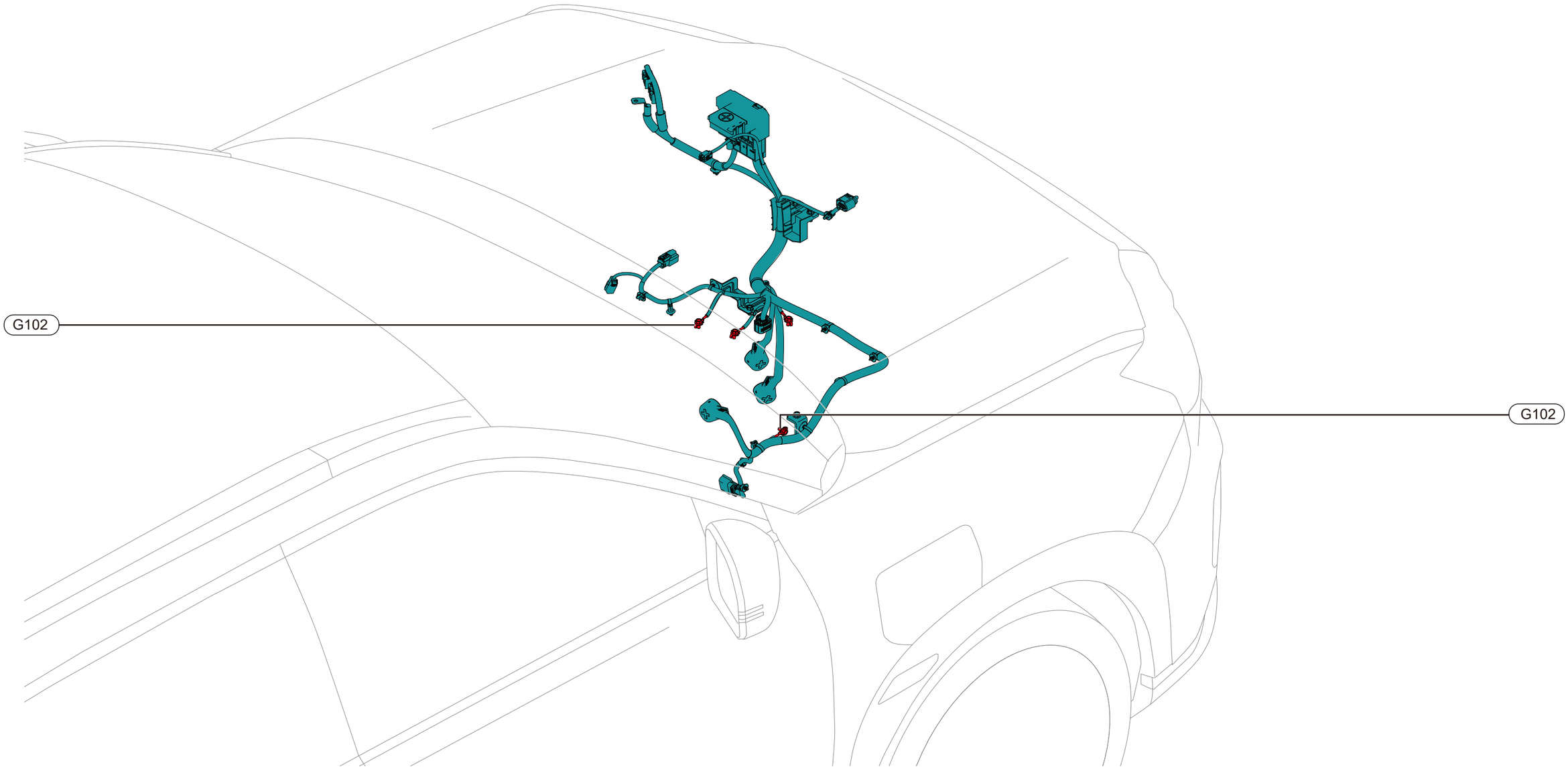
6.1 Grounding location of front body harness

Front body harness



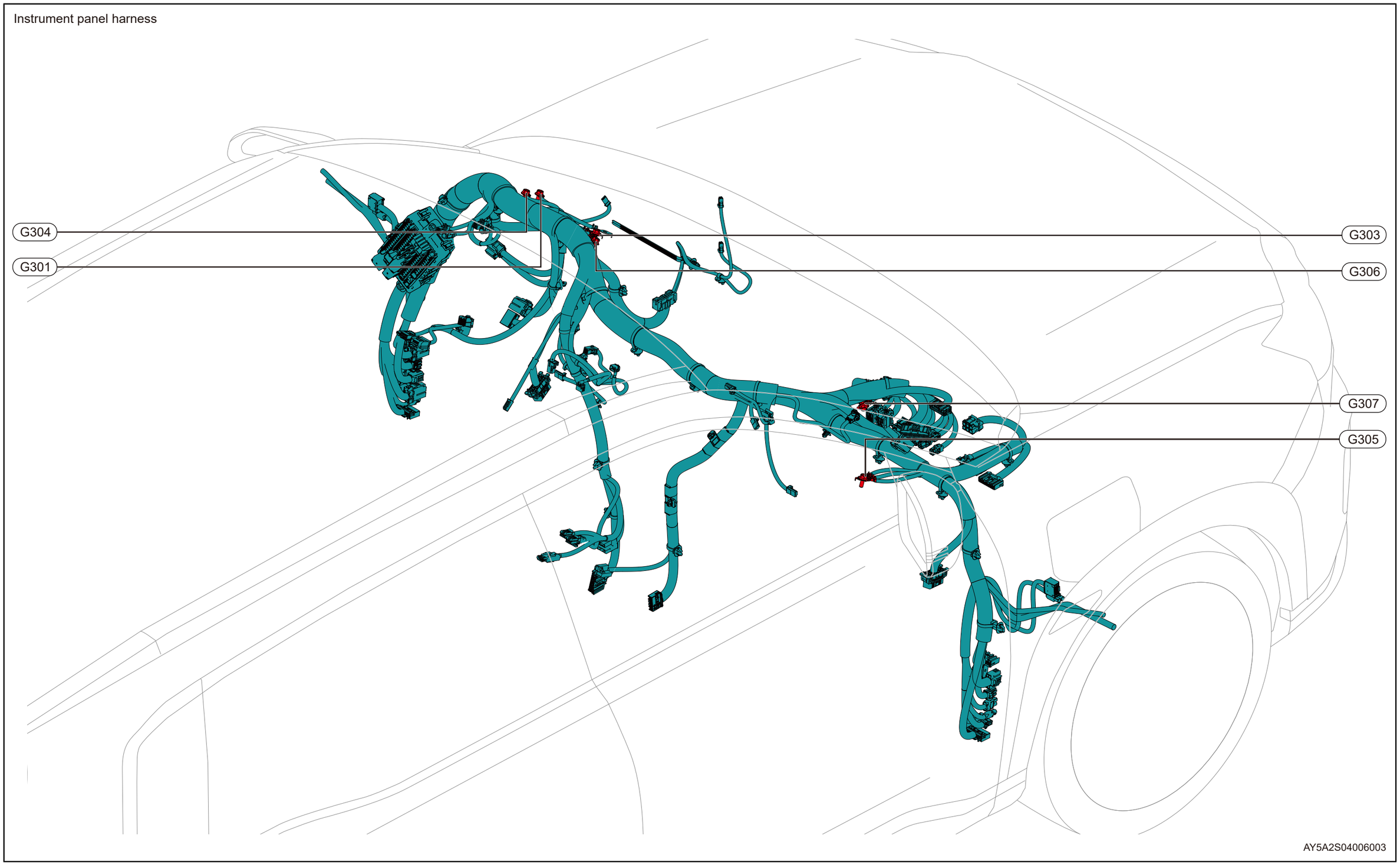
6.2 Grounding location of front body harness II

Front body harness II



AY5A2S04006002

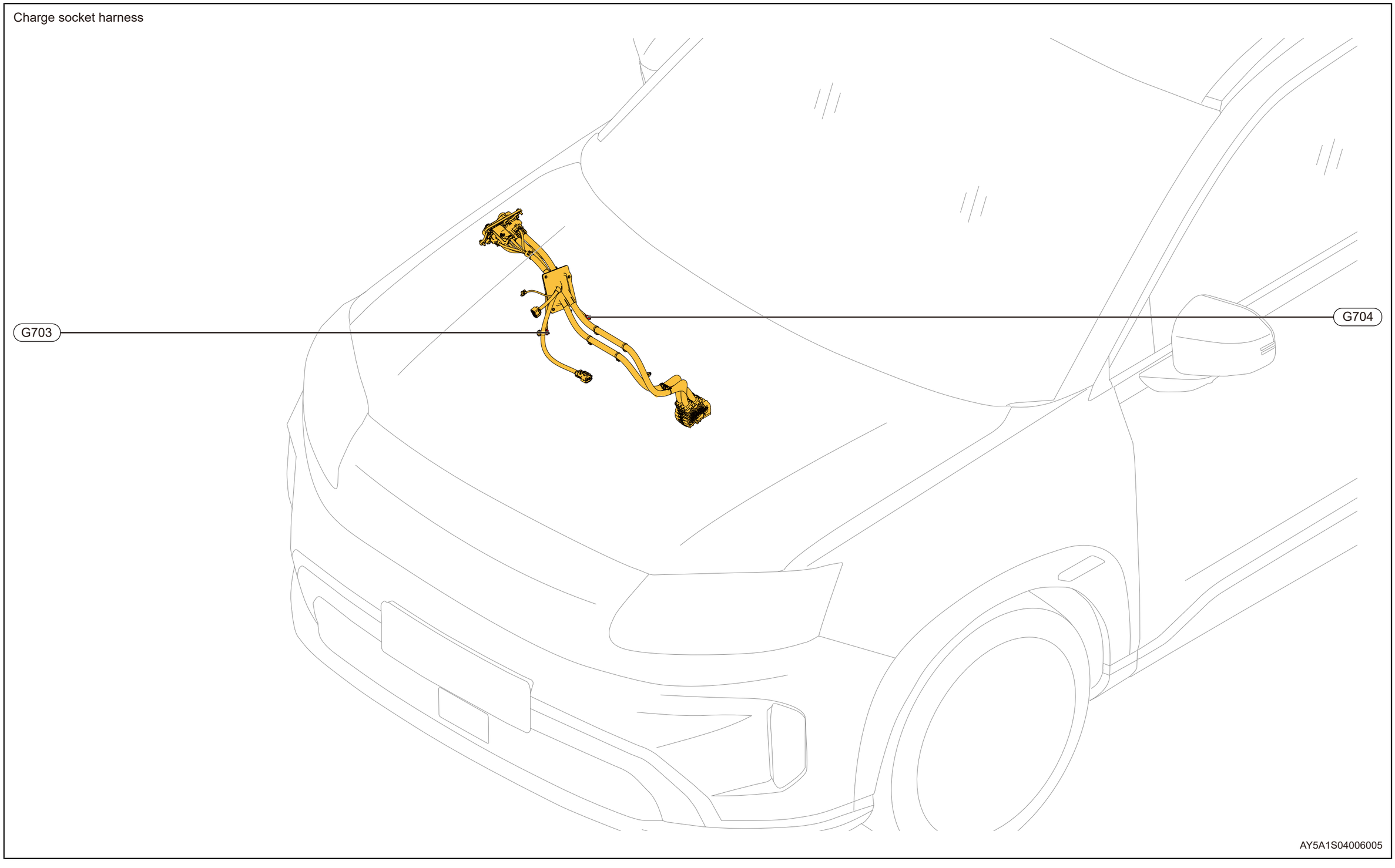
6.3 Grounding location of instrument panel harness



6.4 Grounding location of body wiring harness

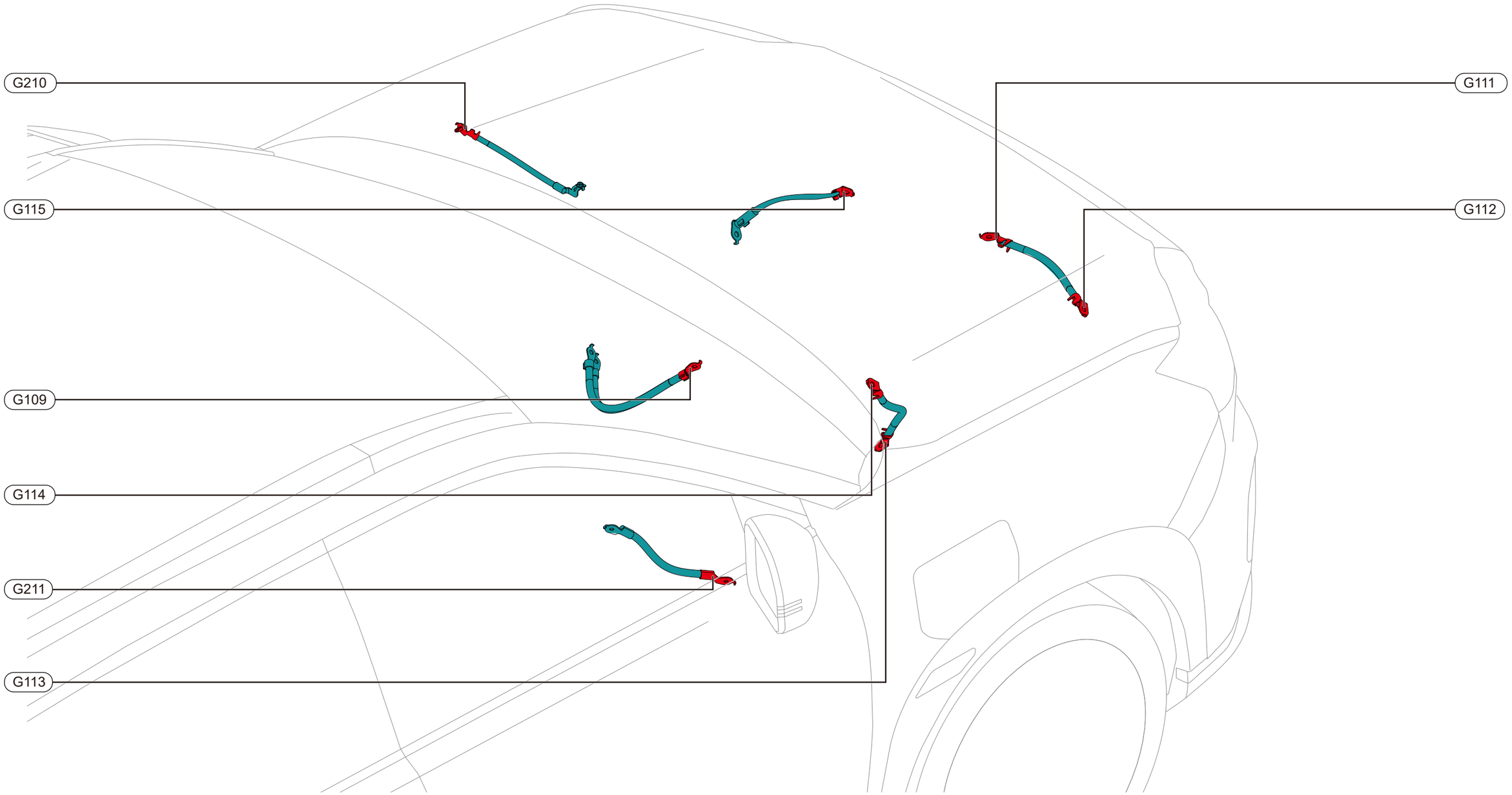


6.5 Grounding location of charge socket harness



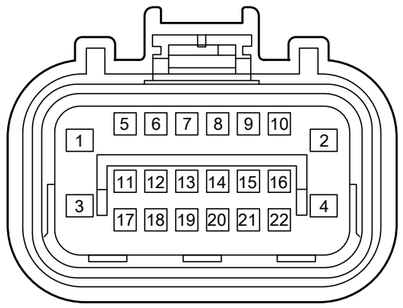
6.6 Grounding location of grounding location harness

Grounding harnesses



AY5A2S04006007

7.1 FP01 connector to front body harness 1

FP01 connector to front body harness 1	
Connector model: 1001011-1-1	
	

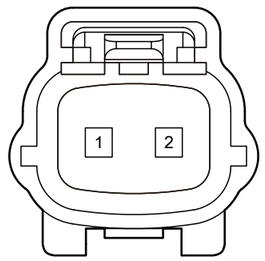
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Battery power supply
2	0.35/N	Front right center reversing radar signal
3	0.35/W	Front left center reversing radar signal
4	0.35/Y	Front left reversing radar signal
5	0.35/P	Sensor-
6	0.35/R	Sensor+
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	0.5/B	GND
22	0.35/O	Front right reversing radar signal

7.1 FP02 connector to front body harness 2

FP02 connector to front body harness 2	
Connector model: 1000635-1-1	

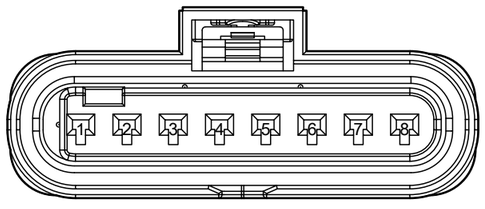
Terminal No.	Wire diameter/color	Feature description
1	0.5/O	Signal of the external air temperature sensor
2	-	-
3	-	-
4	0.35/W	Private_CAN-FD-H
5	0.35/Y	Private_CAN-FD-L
6	0.5/W	Grounding of the external air temperature sensor
7	-	-
8	-	-

7.2 FP11 connector to external air temperature sensor

FP11 connector to external air temperature sensor	
Connector model: 1000839-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Signal
2	0.35/W	GND

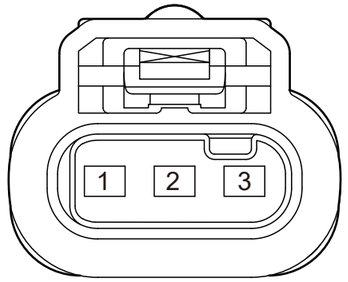
7.3 FP12 connector to MRR

FP12 connector to MRR	
Connector model: 1000635-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Battery power supply
2	0.35/W	Private_CAN-FD-H
3	0.35/Y	Private_CAN-FD-L
4	0.35/B	GND

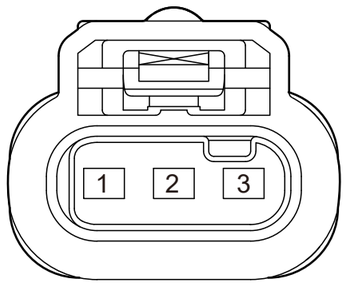
Terminal No.	Wire diameter/color	Feature description
5	-	-
6	-	-
7	-	-
8	-	-

7.5 FP13 connector to front left reversing radar sensor

FP13 connector to front left reversing radar sensor	
Connector model: 1000045-1-2	
	

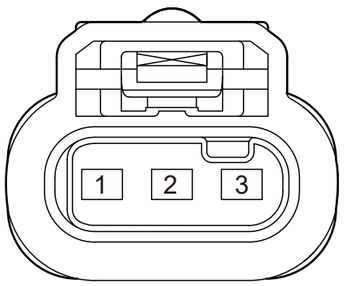
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/Y	Front left reversing radar signal
3	0.35/R	Sensor+

7.6 FP14 connector to front left center reversing radar sensor

FP14 connector to front left center reversing radar sensor	
Connector model: 1000045-1-2	
	

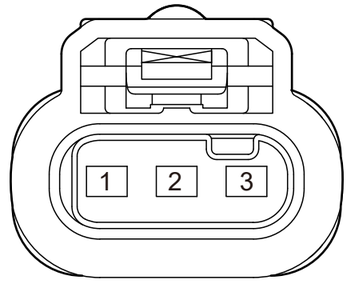
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/W	Front left center reversing radar signal
3	0.35/R	Sensor+

7.7 FP15 connector to front right center reversing radar sensor

FP15 connector to front right center reversing radar sensor	
Connector model: 1000045-1-2	
	

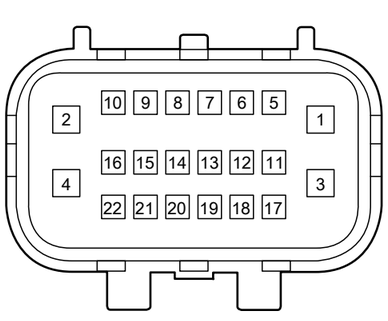
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/N	Front right center reversing radar signal
3	0.35/R	Sensor+

7.8 FP16 connector to front right reversing radar sensor

FP16 connector to front right reversing radar sensor	
Connector model: 1000045-1-2	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/O	Front right reversing radar signal
3	0.35/R	Sensor+

7.9 FB01 connector to front bumper harness 1

FB01 connector to front bumper harness 1	
Connector model: 1001010-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Battery power supply
2	0.35/N	Front right center reversing radar signal
3	0.35/W	Front left center reversing radar signal

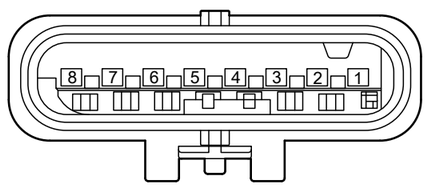
Terminal No.	Wire diameter/color	Feature description
4	0.35/Y	Front left reversing radar signal
5	0.35/P	Sensor-
6	0.35/R	Sensor+
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	0.5/B	GND
22	0.35/O	Front right reversing radar signal

7.10 FB02 connector to front bumper harness 2

FB02 connector to front bumper harness 2

Connector model: 1001007-1-1





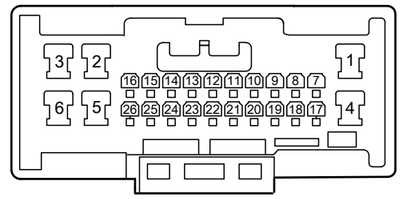
Terminal No.	Wire diameter/color	Feature description
1	0.5/O	Signal of the external air temperature sensor
2	-	-
3	-	-
4	0.35/W	Private_CAN-FD-H
5	0.35/Y	Private_CAN-FD-L
6	0.5/W	Grounding of the external air temperature sensor
7	-	-
8	-	-

7.11 FB04 connector to front body harness II 2

FB04 connector to front body harness II 2

Connector model: 1000709-1-1





Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Battery power supply
2	0.35/W	Compressor outlet refrigerant temperature sensor grounding
3	0.35/P	A/C compressor assembly power supply
4	0.35/S	LIN1
5	0.35/Y	LIN1
6	0.35/P	IG1 power supply
7	0.5/S	CP (National standard)
7	0.35/G	ECAN-H (European standard)
8	0.35/O	ECAN-L

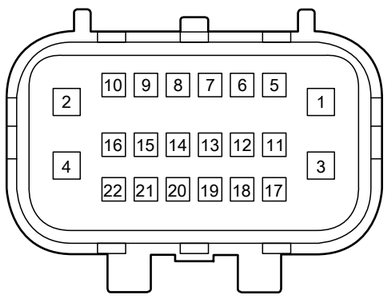
Terminal No.	Wire diameter/color	Feature description
9	0.35/K	Interlock input
10	0.35/O	Interlock output
11	0.35/G	ECAN-H
12	-	-
13	0.35/O	ECAN-L
14	-	-
15	-	-
16	0.5/K	CC
17	-	-
18	-	-
19	0.35/Y	Compressor outlet refrigerant temperature sensor signal
20	-	-
21	-	-
22	0.5/N	IPU_IN _CAN_H
23	0.5/U	IPU_IN _CAN_L
24	-	-
25	-	-
26	0.5/K	Battery power supply

7.12 FB05 connector to charge socket wiring harness

FB05 connector to charge socket harness

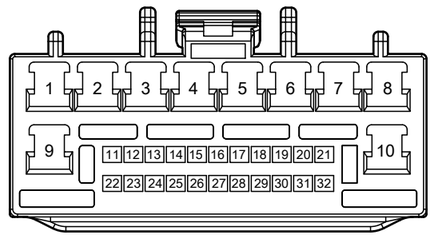
Connector model: 1001010-1-1





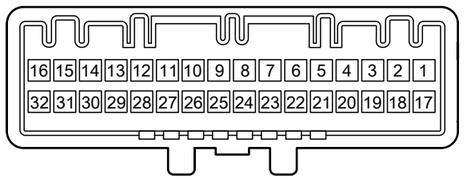
Terminal No.	Wire diameter/color	Feature description
1	0.5/S	CP (National standard)
1	0.5/B	CP (European standard)
2	0.5/K	CC
3	0.35/K	Fast charging CAN-H (National standard)
4	0.35/U	Fast charging CAN-L (National standard)
5	0.5/O	L1 temperature+
6	0.35/P	CC2 detection (National standard)
6	0.5/S	CP (European standard)
7	0.35/N	Fast charging wake-up (National standard)
8	0.5/U	Electronic lock status 1+ (National standard)
8	0.5/Y	Electronic lock status 1+ (European standard)
9	0.5/G	Electronic lock status 2+
10	0.5/S	Sensor grounding (National standard)
10	0.5/U	Sensor groundin (European standard)
11	0.5/W	Electronic lock + (National standard)
11	0.5/R	Electronic lock + (European standard)
12	0.5/B	Electronic lock-
13	0.5/P	N temperature+
14	0.5/S	DC+ temperature signal
15	0.5/K	DC- temperature signal
16	-	
17	-	
18	-	
19	-	
20	-	
21	-	
22	-	

7.13 FB08 connector to body harness 1

FB08 connector to body harness 1	
Connector model: 1000933-4-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Battery power supply 1
2	3.0/R	Rear defrosting power supply
3	0.35/O	Front right reversing radar signal
4	2.5/O	Battery power supply 2
5	0.5/R	Left high beam power supply
6	0.35/N	Front right center reversing radar signal
7	0.75/S	Charging inlet unlocking
8	0.35/P	Left daytime running lamp power supply
9	0.5/W	Rear wiper power supply
10	0.35/G	LIN5
11	0.35/G	Brake signal normally open
12	0.35/W	Front left center reversing radar signal
13	0.35/Y	Front left reversing radar signal
14	-	-
15	0.35/K	Front left impact sensor+
16	0.35/U	Front left impact sensor-
17	-	-
18	-	-
19	-	-
20	0.35/O	Hazard warning lamp switch signal
21	-	-
22	0.5/U	Rear left wheel speed sensor-
23	0.5/Y	Rear left wheel speed sensor+
24	0.35/S	IG1 power supply
25	0.5/R	Right low beam power supply
26	0.35/U	Left turn signal lamp power supply
27	0.35/S	IG1 power supply
28	0.35/G	Right daytime running lamp power supply
29	0.35/U	IG1 power supply
30	0.5/Y	Collision signal
31	0.35/W	Private_CAN-FD-H
32	0.35/Y	Private_CAN-FD-L

7.14 FB09 connector to body wiring harness 2

FB09 connector to body wiring harness 2	
Connector model: 1001169-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	BCAN-H
2	0.35/G	BCAN-L
3	0.35/Y	Front right impact sensor+
4	0.35/G	Front right impact sensor-
5	-	-
6	-	-

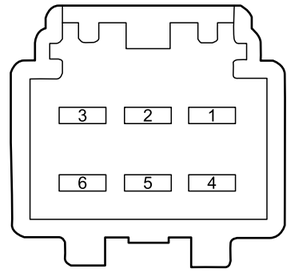
Terminal No.	Wire diameter/color	Feature description
8	0.35/P	Left daytime running lamp power supply
9	0.5/W	Rear wiper power supply
10	0.35/G	LIN5
11	0.35/G	Brake signal normally open
12	-	-
13	-	-
14	-	-
15	0.35/K	Left front impact sensor+
16	0.35/U	Left front impact sensor-
17	-	-
18	0.35/W	ACANFD-H
19	0.35/G	ACANFD-L
20	-	-
21	0.35/O	Hazard warning lamp switch signal
22	0.5/U	Left rear wheel speed sensor-
23	0.5/Y	Left rear wheel speed sensor+
24	0.35/S	IG1 power supply
25	0.5/R	Right low beam power supply
26	0.35/U	Left turn signal lamp power supply
27	0.35/S	IG1 power supply
28	0.35/G	Right daytime running lamp power supply
29	0.35/U	IG1 power supply
30	0.5/Y	Impact signal
31	0.35/W	Private_CAN-FD-H
32	0.35/Y	Private_CAN-FD-L

7.15 FB10 connector to body wiring harness 3

FB10 connector to body wiring harness 3

Connector model: 1000788-1-1





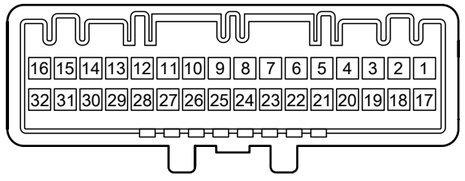
Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Unlocking signal of front right door/rear left door/rear right door lock
2	-	-
3	-	-
4	-	-
5	-	-
6	0.75/O	Locking signal of charging inlet lock

7.16 FB12 connector to instrument panel harness 1

FB12 connector to instrument panel harness 1

Connector model: 1001169-2-1





Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Speed control module blower feedback
2	-	-
3	0.35/G	ECAN-H
4	0.35/O	ECAN-L
5	0.35/G	ECAN-H
6	0.35/O	ECAN-L
7	0.35/P	IG1 power supply
8	0.35/G	Mode damper motor position signal
9	0.35/O	Mode damper motor control
10	0.35/Y	Mode damper motor control
11	0.35/O	IG1 power supply
12	0.35/Y	Main driver heating and cooling motor control
13	0.35/G	Main driver heating and cooling motor position signal
14	0.35/W	Front passenger face-blowing temperature signal
15	0.35/P	Main driver foot-blowing temperature signal
16	0.35/G	Main driver face-blowing temperature signal
17	0.35/N	Front passenger heating and cooling motor control
18	0.35/U	Front passenger heating and cooling motor control
19	0.35/P	PM2.5 sensor power supply
20	0.35/R	Battery power supply
21	0.35/S	LIN
22	0.35/Y	5V power supply
23	0.35/S	Sensor grounding
24	0.35/Y	Interior temperature sensor signal
25	0.5/S	EVA temperature signal
26	0.35/W	Sensor grounding
27	0.35/W	Interior temperature sensor grounding
28	0.5/W	Speed control signal
29	0.35/P	Front passenger heating and cooling motor position signal
30	0.35/K	Front passenger foot-blowing temperature signal

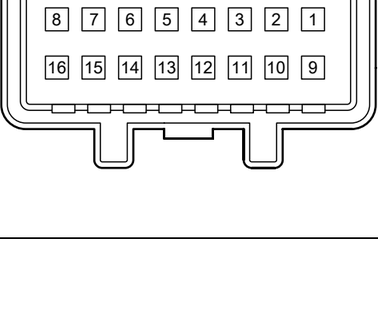
Terminal No.	Wire diameter/color	Feature description
31	-	-
32	-	-

7.17 FB13 connector to instrument panel harness 2

FB13 connector to instrument panel harness 2

Connector model: 1001179-1-1





Terminal No.	Wire diameter/color	Feature description
1	8.0/R	Battery power supply
2	6.0/R	Battery power supply
3	3.0/R	Battery power supply

7.18 FB14 connector to instrument panel harness 3

FB14 connector to instrument panel harness 3

Connector model: 1001167-1-1

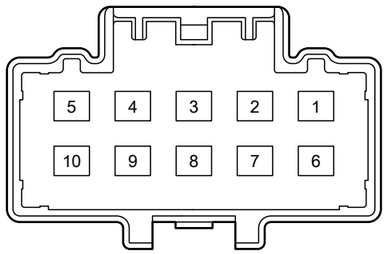
Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	LIN1
2	-	-
3	0.35/W	ACANFD-H
4	0.35/G	ACANFD-L
5	-	-
6	-	-
7	0.5/Y	Rear defrosting relay control
8	-	-
9	-	-
10	0.35/O	ACC power supply
11	0.35/N	PCAN-L
12	0.35/U	PCAN-H
13	0.35/W	ACANFD-H
14	0.35/G	ACANFD-L
15	0.35/G	Horn relay control
16	-	-

7.19 FB15 connector to instrument panel harness 4

FB15 connector to instrument panel harness 4

Connector model: 1000872-2-1





Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Battery power supply
2	1.0/W	Light power supply 2

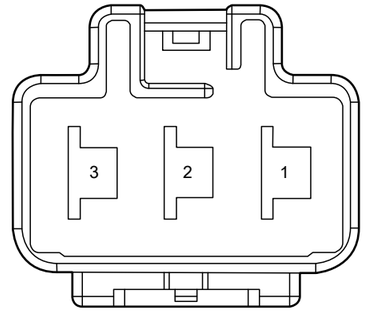
Terminal No.	Wire diameter/color	Feature description
3	1.0/O	Door lock power supply
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	1.5/O	Rear wiper power supply
10	0.75/R	Washer power supply

7.20 FB16 connector to instrument panel harness 5

FB16 connector to instrument panel harness 5

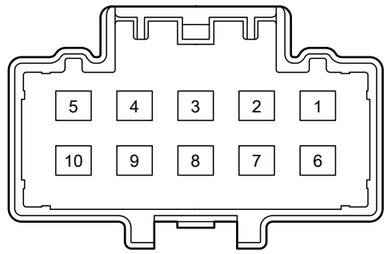
Connector model: 1001179-2-1





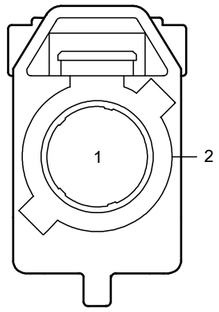
Terminal No.	Wire diameter/color	Feature description
1	6.0/R	Battery power supply
2	3.0/R	Blower relay control
3	-	-

7.21 FB17 connector to instrument panel harness 6

FB17 connector to instrument panel harness 6	
Connector model: 1000872-2-1	
	

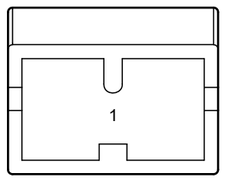
Terminal No.	Wire diameter/color	Feature description
1	1.0/Y	Pedestrian alert speaker -
2	1.0/W	Pedestrian alert speaker +
3	-	-
4	-	-
5	0.5/R	Front passenger circulation motor control
6	0.5/N	Front passenger circulation motor control
7	0.5/G	Front passenger circulation motor position signal
8	0.5/R	Main driver circulation motor control
9	0.5/N	Main driver circulation motor control
10	0.5/G	Main driver circulation motor position signal

7.22 FB18 connector to instrument panel harness

FB18 connector to instrument panel harness	
Connector model: 1000812-3-1	
	

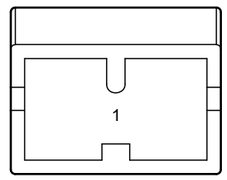
Terminal No.	Wire diameter/color	Feature description
1	-	Front around view parking camera video signal
2	-	Shield ground of the front around view parking camera

7.23 FB19 connector to left electric horn+

FB19 connector to left electric horn+	
Connector model:1001246-1-1	
	

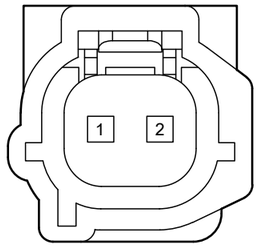
Terminal No.	Wire diameter/color	Feature description
1	0.75/O	Left electric horn power supply

7.24 FB20 connector to left electric horn-

FB20 connector to left electric horn-	
Connector model:1001246-1-1	
	

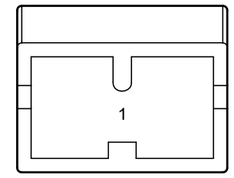
Terminal No.	Wire diameter/color	Feature description
1	0.75/B	Left electric horn grounding

7.25 FB21 connector to engine hood latch

FB21 connector to engine hood latch	
Connector model: 1000767-1-1	
	

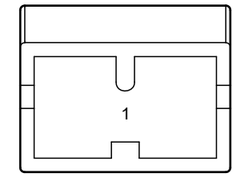
Terminal No.	Wire diameter/color	Feature description
1	0.35/K	AJAR switch of engine hood latch front body cover
2	0.35/B	Engine hood latch grounding

7.26 FB22 connector to right electric horn+

FB22 connector to right electric horn+	
Connector model:1001246-1-1	
	

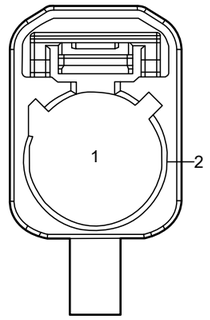
Terminal No.	Wire diameter/color	Feature description
1	0.75/O	Right electric horn power supply

7.27 FB23 connector to right electric horn-

FB23 connector to right electric horn-	
Connector model:1001246-1-1	
	

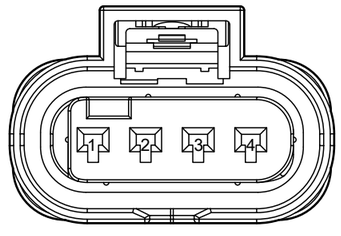
Terminal No.	Wire diameter/color	Feature description
1	0.75/B	Right electric horn grounding

7.28 FB24 connector to front around view parking camera

FB24 connector to front around view parking camera	
Connector model: 1001183-2-1	
	

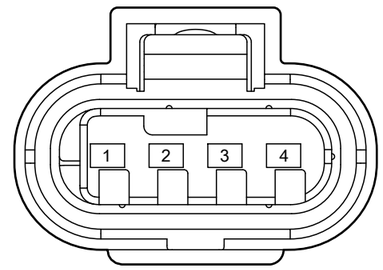
Terminal No.	Wire diameter/color	Feature description
1	-	Front around view parking camera signal
2	-	Front around view parking camera grounding

7.29 FB25 connector to pedestrian alert speaker

FB25 connector to pedestrian alert speaker	
Connector model: 1000612-1-1	
	

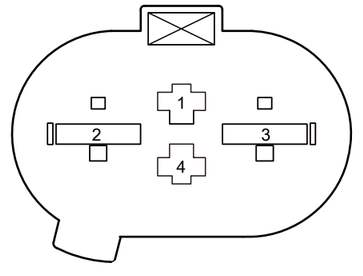
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	1.0/Y	Pedestrian alert speaker -
3	1.0/W	Pedestrian alert speaker +
4	-	-

7.30 FB26 connector to lower active air intake grille

FB26 connector to lower active air intake grille	
Connector model: 1000550-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/B	GND
2	-	-
3	0.5/S	LIN1
4	0.5/R	Battery power supply

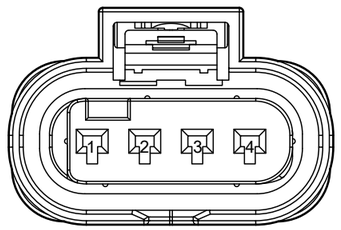
7.31 FB27 connector to electronic fan

FB27 connector to electronic fan	
Connector model: 1000086-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/S	LIN
2	6.0/R	Power supply

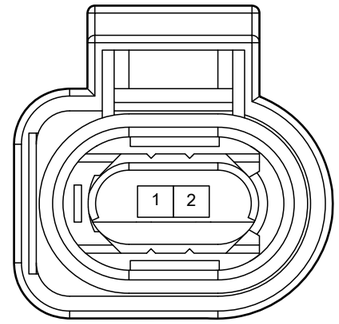
Terminal No.	Wire diameter/color	Feature description
3	6.0/B	GND
4	-	-

7.32 FB30 connector to charging inlet lock

FB30 connector to charging inlet lock	
Connector model: 1000612-1-1	
	

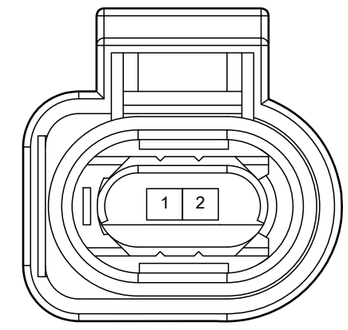
Terminal No.	Wire diameter/color	Feature description
1	0.75/S	Unlocking
2	0.75/O	Locking
3	-	-
4	-	-

7.33 FB31 connector to right front inline wheel speed sensor

FB31 connector to right front inline wheel speed sensor	
Connector model: 1000130-1-2	
	

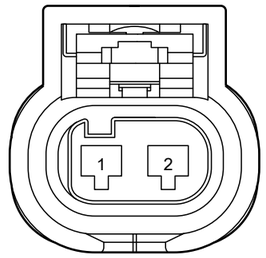
Terminal No.	Wire diameter/color	Feature description
1	0.5/W	Right front wheel speed sensor+
2	0.5/S	Right front wheel speed sensor-

7.34 FB32 connector to left front inline wheel speed sensor

FB32 connector to left front inline wheel speed sensor	
Connector model: 1000130-1-2	
	

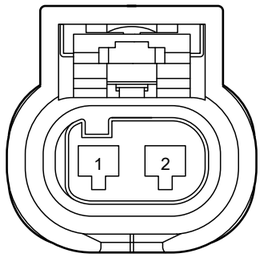
Terminal No.	Wire diameter/color	Feature description
1	0.5/W	Left front wheel speed sensor+
2	0.5/S	Left front wheel speed sensor-

7.35 FB33 connector to left front impact sensor

FB33 connector to left front impact sensor	
Connector model: 1000188-8-1	
	

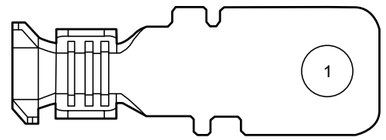
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	Left front impact sensor-
2	0.35/K	Left front impact sensor+

7.36 FB34 connector to right front impact sensor

FB34 connector to right front impact sensor	
Connector model: 1000188-8-1	
	

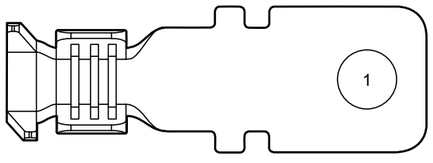
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Right front impact sensor-
2	0.35/Y	Right front impact sensor+

7.37 FB35 connector to positive terminal electrical box 2

FB35 connector to positive terminal electrical box 2	
Connector model: 2100189-1-1	
	

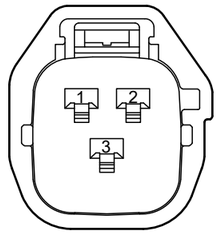
Terminal No.	Wire diameter/color	Feature description
1	6.0/R	Battery power supply

7.38 FB36 connector to positive terminal electrical box 3

FB36 connector to positive terminal electrical box 3	
Connector model: 2100191-1-1	
	

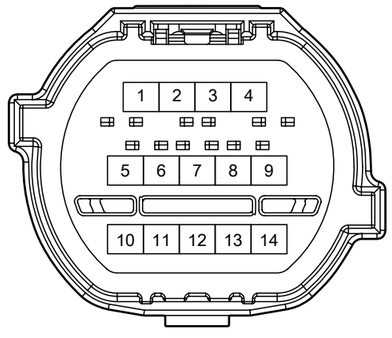
Terminal No.	Wire diameter/color	Feature description
1	6.0/R	Battery power supply

7.39 FB37 connector to front windshield washing motor

FB37 connector to front windshield washing motor	
Connector model: 1000215-3-1	
	

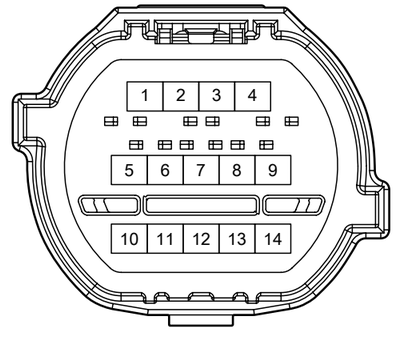
Terminal No.	Wire diameter/color	Feature description
1	0.75/R	Front washer output
2	0.75/B	Rear washer output
3	-	-

7.40 FB38 connector to right front combination lamp

FB38 connector to right front combination lamp	
Connector model: 1000381-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/R	Right low beam power supply
2	-	-
3	1.0/R	Battery power supply
4	0.75/B	GND
5	0.5/K	Right high beam power supply
6	0.35/U	Right turn signal lamp power supply
7	-	-
8	-	-
9	0.35/Y	Right front position lamp power
10	0.35/G	Right daytime running lamp power supply
11	0.35/S	Front turn signal lamp feedback
12	0.35/W	Regulating motor power supply
13	0.35/U	Regulating motor signal
14	0.5/B	GND

7.41 FB39 connector to left front combination lamp

FB39 connector to left front combination lamp	
Connector model: 1000381-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/R	Left low beam power supply
2	-	-
3	1.0/R	Battery power supply
4	0.5/B	GND
5	0.5/R	Left high beam power supply
6	0.35/U	Left turn signal lamp power supply
7	-	-

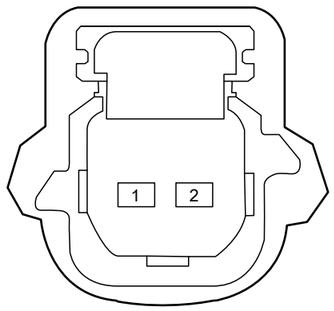
Terminal No.	Wire diameter/color	Feature description
8	-	-
9	0.35/Y	Front left position lamp power
10	0.35/P	Left daytime running lamp power supply
11	0.35/S	Front turn signal lamp feedback
12	0.35/W	Regulating motor power supply
13	0.35/U	Regulating motor signal
14	0.5/B	GND

7.42 FB40 connector to external condenser outlet refrigerant temperature sensor

FB40 connector to external condenser outlet refrigerant temperature sensor

Connector model: 1000318-4-1





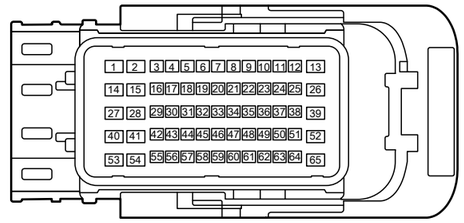
Terminal No.	Wire diameter/color	Feature description
1	0.5/R	Right low beam power supply
2	-	-

7.43 FB41 connector to VCU 1

FB41 connector to VCU 1

Connector model: 1900030-1-1





Terminal No.	Wire diameter/color	Feature description
1	0.5/W	Electronic lock+
2	0.5/B	GND
3	0.5/B	Electronic lock-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	0.5/S	Sensor grounding
18	-	-
19	0.5/Y	Collision signal
20	-	-
21	-	-
22	0.5/O	L1 temperature+

Terminal No.	Wire diameter/color	Feature description
23	0.35/O	ACC power supply
24	0.35/P	IG1 power supply
25	0.35/N	Main relay control
26	1.5/R	Main relay power supply
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-
33	-	-
34	-	-
35	-	-
36	-	-
37	-	-
38	-	-
39	1.5/R	Main relay power supply
40	-	-
41	-	-
42	-	-
43	-	-
44	-	-
45	-	-
46	-	-
47	-	-
48	0.35/N	PCAN-L
49	0.35/U	PCAN-H
50	0.5/G	Electronic lock status 2+
51	0.5/U	Protective power supply
52	0.5/B	GND
53	0.5/B	GND
54	0.5/B	GND
55	-	-
56	0.35/W	ACANFD-H

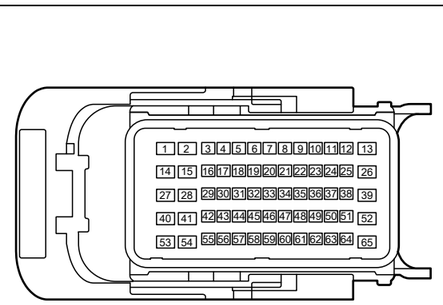
Terminal No.	Wire diameter/color	Feature description
57	0.35/G	ACANFD-L
58	-	-
59	0.35/O	ECAN-L
60	0.35/G	ECAN-H
61	-	-
62	-	-
63	-	-
64	0.5/R	Battery power supply
65	0.5/R	Battery power supply

7.44 FB42 connector to VCU 2

FB42 connector to VCU 2

Connector model: 1900030-4-1



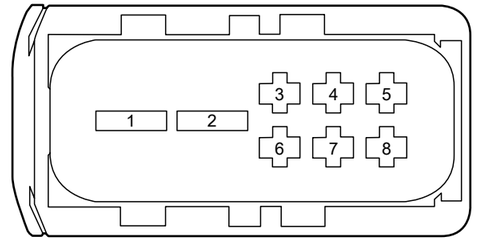


Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

Terminal No.	Wire diameter/color	Feature description
11	-	-
12	0.5/U	Electronic lock status 1+
13	-	-
14	0.5/Y	Emergency power-off signal
15	-	-
16	-	-
17	-	-
18	-	-
19	0.35/G	Brake signal normally open
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	0.35/K	5V power supply
33	-	-
34	-	-
35	0.35/S	Brake signal normally closed
36	-	-
37	-	-
38	-	-
39	-	-
40	-	-
41	-	-
42	-	-
43	-	-
44	-	-
45	0.35/G	Accelerator pedal signal 2

Terminal No.	Wire diameter/color	Feature description
46	0.35/U	Accelerator pedal signal 1
47	-	-
48	-	-
49	0.5/S	DC + temperature signal
50	0.5/K	DC - temperature signal
51	-	-
52	-	-
53	-	-
54	-	-
55	-	-
56	0.35/O	Protective relay control
57	-	-
58	-	-
59	0.35/S	Accelerator pedal ground 1
60	0.35/G	Accelerator pedal ground 2
61	-	-
62	0.5/P	N temperature+
63	-	-
64	0.5/B	GND
65	0.35/P	5V power supply

7.45 FB43 connector to thermal management integration module 1

FB43 connector to thermal management integration module 1	
Connector model: 1001136-1-1	
	

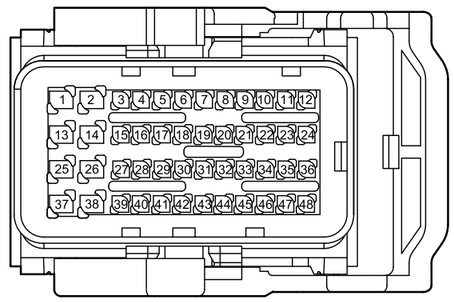
Terminal No.	Wire diameter/color	Feature description
1	6.0/B	GND
2	6.0/R	Battery power supply
3	0.35/G	BCAN-L
4	0.35/O	ECAN-L
5	0.35/G	ECAN-H
6	0.35/Y	BCAN-H
7	0.5/N	Fan relay control
8	0.35/S	LIN1

7.46 FB44 connector to thermal management integration module 2

FB44 connector to thermal management integration module 2

Connector model: 1900046-2-1





Terminal No.	Wire diameter/color	Feature description
1	0.5/P	Power supply for the cooler electronic expansion valve
2	0.5/G	Rear defrosting relay control
3	0.5/O	Signal of the external air temperature sensor
4	0.5/Y	REF_TEMP1
5	-	-
6	0.5/W	Sensor grounding
7	0.5/P	Main driver foot-blowing temperature signal
8	0.5/R	Main driver circulation motor control
9	0.5/N	Front passenger heating and cooling motor control
10	0.5/O	Main driver heating and cooling motor control
11	0.5/O	Mode damper motor control
12	0.5/R	Front passenger circulation motor control
13	-	-
14	-	-
15	0.5/W	Grounding of the external air temperature sensor
16	0.5/G	REF_TEMP2
17	-	-
18	0.5/S	EVA temperature signal
19	0.5/G	Main driver face-blowing temperature signal
20	0.5/N	Main driver circulation motor control
21	0.5/U	Front passenger heating and cooling motor control
22	0.5/Y	Main driver heating and cooling motor control
23	0.5/Y	Mode damper motor control
24	0.5/N	Front passenger circulation motor control
25	-	-
26	-	-
27	-	-
28	0.5/N	REF_TEMP3
29	0.5/K	Interlock input
30	0.5/Y	Interior temperature signal
31	0.5/K	Front passenger foot-blowing temperature signal
32	0.5/N	Blower feedback
33	0.5/S	Sensor grounding
34	0.5/P	Front passenger heating and cooling motor position signal
35	0.5/G	Mode damper motor position signal
36	0.5/Y	5V power supply
37	-	-
38	-	-
39	-	-
40	0.5/W	Sensor grounding
41	0.5/O	Interlock output

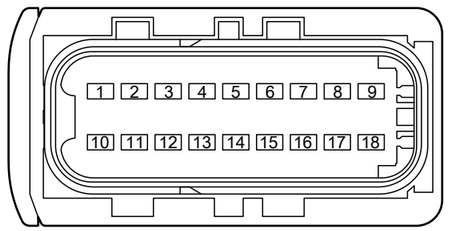
Terminal No.	Wire diameter/color	Feature description
42	0.5/W	Sensor grounding
43	0.5/W	Front passenger face-blowing temperature signal
44	0.5/N	Blower relay control
45	0.5/W	Speed control signal
46	0.5/G	Main driver circulation motor position signal
47	0.5/G	Main driver heating and cooling motor position signal
48	0.5/G	Front passenger circulation motor position signal

7.47 FB45 connector to battery pack box

FB45 connector to battery pack box

Connector model:1900017-4-1





Terminal No.	Wire diameter/color	Feature description
1	0.5/B	GND
2	-	-
3	0.35/Y	INT_ CAN_L
4	0.35/G	INT_ CAN_H
5	0.35/O	ECAN-L
6	-	-
7	0.35/G	ECAN-H
8	0.5/B	GND
9	0.5/R	Battery power supply
10	-	-
11	-	-

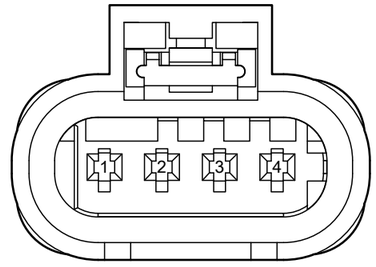
Terminal No.	Wire diameter/color	Feature description
12	0.35/P	CC2 detection CP
12	-	-(European standard)
13	0.35/N	Fast charging wake-up (National standard)
13	-	-(European standard)
14	0.35/U	Fast charging CAN-L (National standard)
14	0.35/U	CHARGER _CAN_L(European standard)
15	0.5/Y	Emergency power-off signal
16	-	-
17	0.35/K	Fast charging CAN-H (National standard)
17	0.35/K	CHARGER _CAN_H(European standard)
18	0.35/P	IG1 power supply

7.48 FB46 connector to cooler electronic expansion valve

FB46 connector to cooler electronic expansion valve

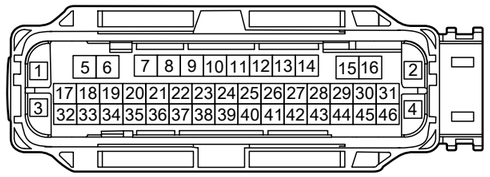
Connector model: 1000913-2-1





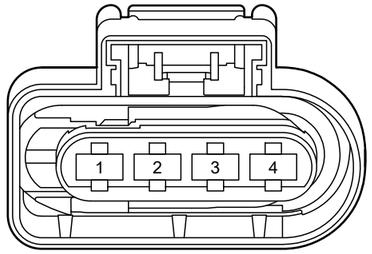
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Power supply
2	-	-
3	0.35/S	LIN1
4	0.35/B	GND

7.49 FB47 connector to ESP ECU

FB47 connector to ESP ECU	
Connector model: 1900007-2-1	
	

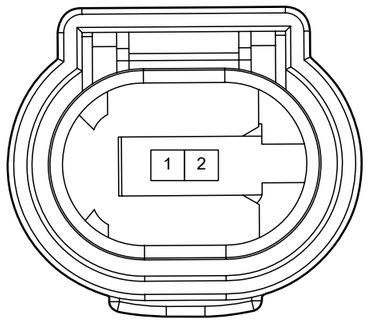
Terminal No.	Wire diameter/color	Feature description
1	6.0/R	Battery power supply 1
2	6.0/B	GND 1
3	6.0/R	Battery power supply 2
4	6.0/B	GND 2
5	-	-
6	-	-
7	0.35/U	PCAN-H
8	-	-
9	-	-
10	-	-
11	0.5/S	Front left wheel speed sensor-
12	-	-
13	0.35/W	ACANFD-H
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	0.5/S	Front right wheel speed sensor-
21	0.35/N	PCAN-L
22	-	-
23	0.5/U	Rear left wheel speed sensor-
24	-	-
25	0.5/W	Front left wheel speed sensor+
26	0.5/Y	Rear right wheel speed sensor+
27	0.35/G	ACANFD-L
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-
33	-	-
34	-	-
35	0.5/W	Front right wheel speed sensor+
36	-	-
37	-	-
38	0.5/Y	Rear left wheel speed sensor+
39	0.5/R	Low brake fluid level signal
40	0.5/U	Rear right wheel speed sensor-
41	0.35/S	IG1 power supply
42	-	-
43	-	-
44	-	-
45	-	-
46	-	-

7.50 FB48 connector to front wiper motor

FB48 connector to front wiper motor	
Connector model: 1000087-3-1	
	

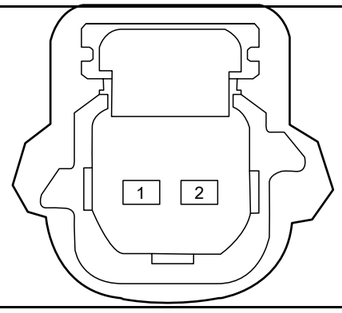
Terminal No.	Wire diameter/color	Feature description
1	1.5/R	High speed
2	1.5/W	Low speed
3	0.5/Y	Reset signal
4	1.5/B	GND

7.51 FB49 connector to brake fluid level switch

FB49 connector to brake fluid level switch	
Connector model: 1000187-5-1	
	

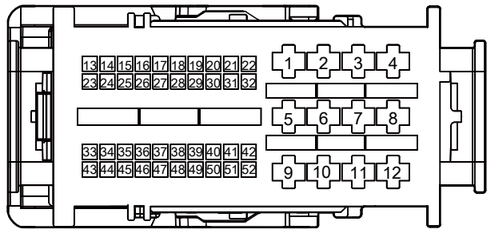
Terminal No.	Wire diameter/color	Feature description
1	0.5/B	GND
2	0.35/R	Low brake fluid level signal

7.52 FB50 connector to internal condenser outlet refrigerant temperature sensor

FB50 connector to internal condenser outlet refrigerant temperature sensor	
Connector model: 1000318-4-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/G	REF_TEMP2
2	0.35/W	Sensor grounding

7.53 FB51 connector to integrated BCM 1

FB51 connector to integrated BCM 1	
Connector model: 1000107-3-3	
	

Terminal No.	Wire diameter/color	Feature description
1	0.75/R	Washer power supply
2	0.75/B	Rear washer output
3	0.75/R	Front washer output
4	1.0/W	Light power supply 2

Terminal No.	Wire diameter/color	Feature description
5	1.5/B	GND
6	0.5/R	Left low beam power supply
7	0.5/W	Rear wiper power supply
8	1.0/O	Door lock power supply
9	0.35/W	Regulating motor power supply
10	-	-
11	1.5/O	Rear wiper power supply
12	0.75/Y	Unlocking
13	-	-
14	0.35/G	LIN5
15	0.35/G	Horn relay control
16	0.35/P	Wiper relay 1 control
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	0.35/U	Regulating motor signal
23	0.35/O	Hazard warning lamp switch signal
24	-	-
25	0.35/N	Wiper relay 2 control
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-
33	-	-
34	-	-
35	0.35/S	Front turn signal lamp feedback
36	0.35/K	Front body AJAR switch
37	-	-

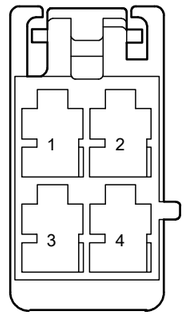
Terminal No.	Wire diameter/color	Feature description
38	-	-
39	-	-
40	0.5/Y	Reset signal
41	-	-
42	-	-
43	-	-
44	0.35/U	IG1 power supply
45	0.35/S	Brake signal normally closed
46	-	-
47	-	-
48	-	-
49	-	-
50	-	-
51	-	-
52	-	-

7.54 FB52 connector to brake lamp switch

FB52 connector to brake lamp switch

Connector model: 1000292-1-1





Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Brake signal normally open
2	0.35/R	Battery power supply

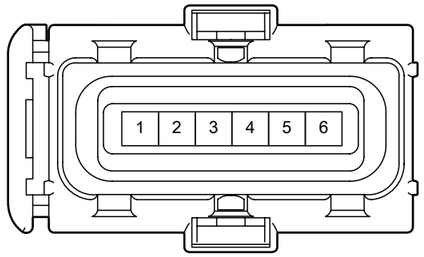
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Brake signal normally open
2	0.35/R	Battery power supply
3	0.35/S	IG1 power supply
4	0.35/S	Brake signal normally closed

7.55 FB53 connector to accelerator pedal assembly

FB53 connector to accelerator pedal assembly

Connector model: 1000110-2-1





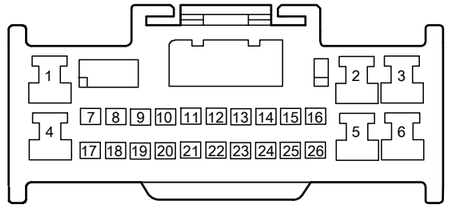
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Accelerator pedal signal 2
2	0.35/P	5V power supply
3	0.35/K	5V power supply
4	0.35/U	Accelerator pedal signal 1
5	0.35/S	Accelerator pedal ground 1
6	0.35/G	Accelerator pedal ground 2

7.56 FB57 connector to front body harness 2

FB57 connector to front body harness 2

Connector model: 1000710-1-1





Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Battery power supply
2	0.35/W	Compressor outlet refrigerant temperature sensor grounding
3	0.35/P	A/C compressor assembly power supply
4	0.35/S	LIN1
5	0.35/Y	LIN1
6	0.35/P	IG1 power supply
7	0.5/S	CP (National standard)
7	0.35/G	ECAN-H(European standard)
8	0.35/O	ECAN-L
9	0.35/K	Interlock input
10	0.35/O	Interlock output
11	0.35/G	ECAN-H
12	-	-
13	0.35/O	ECAN-L
14	-	-
15	-	-
16	0.5/K	CC
17	-	-
18	-	-
19	0.35/Y	Compressor outlet refrigerant temperature sensor signal

Terminal No.	Wire diameter/color	Feature description
20	-	-
21	-	-
22	0.5/N	IPU_IN _CAN_H
23	0.5/U	IPU_IN _CAN_L
24	-	-
25	-	-
26	0.5/K	Battery power supply

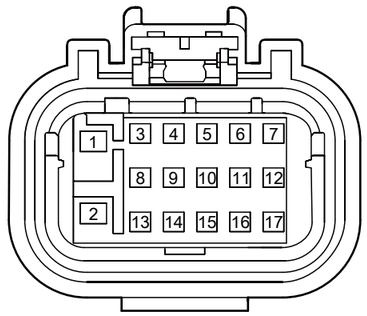
Terminal No.	Wire diameter/color	Feature description
11	0.5/N	IN_CAN_H
12	0.5/U	IN_CAN_L
13	0.5/K	Battery power supply
14	0.35/P	IG1 power supply
15	-	-
16	-	-
17	-	-

7.57 FB58 connector to integrated electric drive assembly 1

FB58 connector to integrated electric drive assembly 1

Connector model: 1001102-1-1





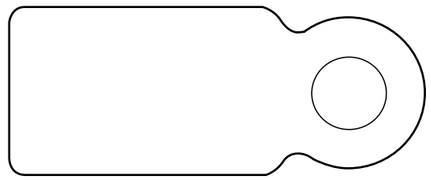
Terminal No.	Wire diameter/color	Feature description
1	0.5/B	GND
2	0.5/K	Battery power supply
3	0.5/B	GND
4	-	-
5	-	-
6	0.35/G	ECAN-H
7	0.35/O	ECAN-L
8	-	-
9	0.5/S	CP (National standard)
9	-	-(European standard)
10	0.5/K	CC

7.58 FB60 connector to integrated electric drive assembly (XOF motor) 2

FB60 connector to integrated electric drive assembly (XOF motor) 2

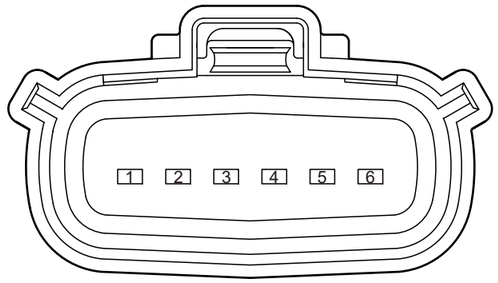
Connector model: 2100244-1-1





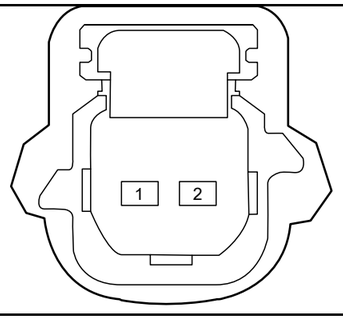
Terminal No.	Wire diameter/color	Feature description
1	40.0/R	DC output+

7.59 FB62 connector to integrated electric drive assembly (XOF motor) 3

FB62 connector to integrated electric drive assembly (XOF motor) 3	
Connector model: 1000857-1-1	
	

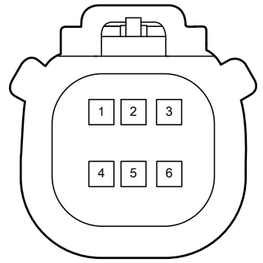
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	ECAN-L
2	0.35/G	ECAN-H
3	-	-
4	-	-

7.60 FB63 connector to compressor outlet refrigerant temperature sensor

FB63 connector to compressor outlet refrigerant temperature sensor	
Connector model: 1000318-4-1	
	

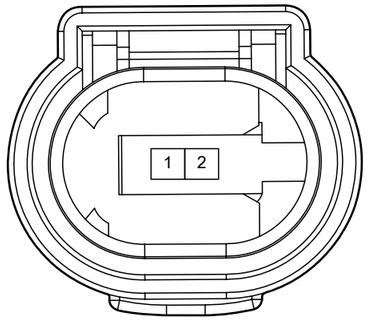
Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	Compressor outlet refrigerant temperature sensor signal
2	0.35/W	Compressor outlet refrigerant temperature sensor grounding

7.61 FB64 connector to A/C compressor assembly

FB64 connector to A/C compressor assembly	
Connector model: 1000317-2-1	
	

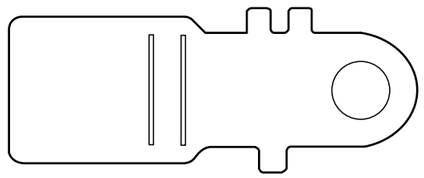
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.5/B	GND
3	0.35/S	LIN1
4	0.35/P	Power supply
5	0.35/O	Interlock input
6	0.35/K	Interlock output

7.62 FB66 connector to battery sensor

FB66 connector to battery sensor	
Connector model: 1000187-5-1	
	

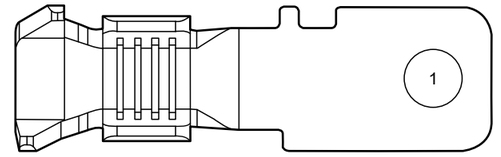
Terminal No.	Wire diameter/color	Feature description
1	0.75/R	Battery power supply
2	0.35/Y	LIN1

7.63 FB68 connector to positive terminal electrical box (XOF motor) 1

FB68 connector to positive terminal electrical box (XOF motor) 1	
Connector model: 2100238-1-1	
	

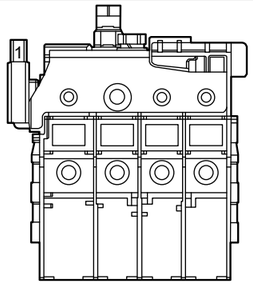
Terminal No.	Wire diameter/color	Feature description
1	40.0/R	DC output+

7.64 FB69 connector to positive terminal electrical box 4

FB69 connector to positive terminal electrical box 4	
Connector model: 2100233-1-1	
	

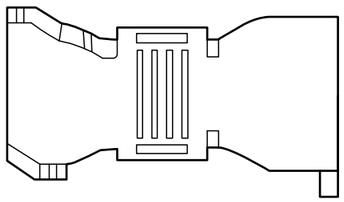
Terminal No.	Wire diameter/color	Feature description
1	25.0/R	Battery power supply

7.65 FB70 connector to positive terminal electrical box 6

FB70 connector to positive terminal electrical box 6	
Connector model: 6400037-1-1	
	

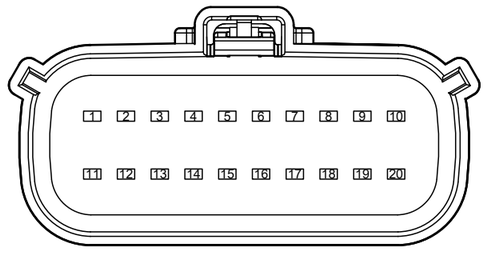
Terminal No.	Wire diameter/color	Feature description
1	0.75/R	Battery power supply

7.66 FB71 connector to front body electrical box

FB71 connector to front body electrical box	
Connector model: 2100106-1-1	
	

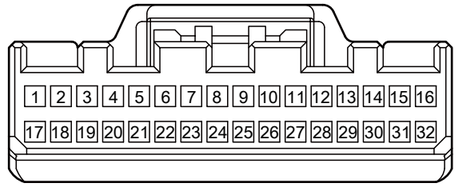
Terminal No.	Wire diameter/color	Feature description
1	25.0/R	Battery power supply

7.67 FB72 connector to charging GWM

FB72 connector to charging GWM	
Connector model: 1000317-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/S	CP
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	0.35/U	CHARGE_CAN-L
9	0.35/O	ECAN-L
10	0.35/R	Battery power supply
11	0.5/B	Signal ground
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	0.35/K	CHARGE_CAN-H
19	0.35/G	ECAN-H
20	0.5/B	GND

7.68 IP01 connector to front body harness 1

IP01 connector to front body harness 1	
Connector model: 1000792-4-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Speed control module blower feedback
2	-	-
3	0.35/G	ECAN-H

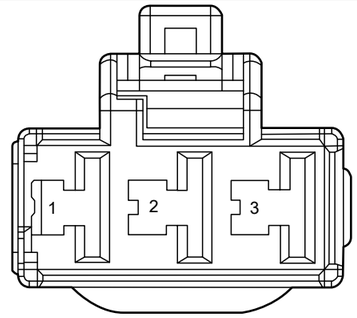
Terminal No.	Wire diameter/color	Feature description
4	0.35/O	ECAN-L
5	0.35/G	ECAN-H
6	0.35/O	ECAN-L
7	0.35/P	IG1 power supply
8	0.35/G	Mode damper motor position signal
9	0.35/O	Mode damper motor control
10	0.35/Y	Mode damper motor control
11	0.35/O	IG1 power supply
12	0.35/Y	Main driver heating and cooling motor control
13	0.35/G	Main driver heating and cooling motor position signal
14	0.35/W	Front passenger face-blowing temperature signal
15	0.35/P	Main driver foot-blowing temperature signal
16	0.35/G	Main driver face-blowing temperature signal
17	0.35/N	Front passenger heating and cooling motor control
18	0.35/U	Front passenger heating and cooling motor control
19	0.35/P	PM2.5 sensor power supply
20	0.35/R	Battery power supply
21	0.35/S	LIN
22	0.35/Y	5V power supply
23	0.35/S	Sensor grounding
24	0.35/Y	Interior temperature sensor signal
25	0.5/S	EVA temperature signal
26	0.35/W	Sensor grounding
27	0.35/W	Interior temperature sensor grounding
28	0.5/W	Speed control signal
29	0.35/P	Front passenger heating and cooling motor position signal
30	0.35/K	Front passenger foot-blowing temperature signal
31	-	-
32	-	-

7.69 IP02 connector to front body harness 2

IP02 connector to front body harness 2

Connector model: 1001180-1-1





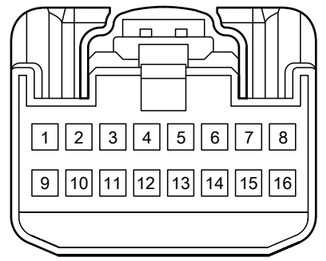
Terminal No.	Wire diameter/color	Feature description
1	8.0/R	Battery power supply
2	6.0/R	Battery power supply
3	3.0/R	Battery power supply

7.70 IP03 connector to front body harness 3

IP03 connector to front body harness 3

Connector model: 1001171-1-1

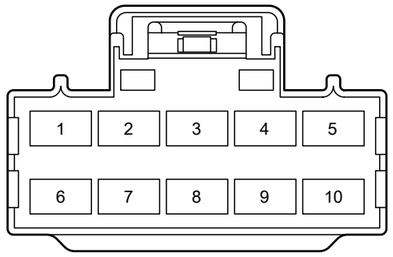




Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	LIN1
2	-	-
3	0.35/W	ACANFD-H

Terminal No.	Wire diameter/color	Feature description
4	0.35/G	ACANFD-L
5	-	-
6	-	-
7	0.35/Y	Battery power supply
8	-	-
9	-	-
10	0.35/O	ACC power supply
11	0.35/N	PCAN-L
12	0.35/U	PCAN-H
13	0.35/W	ACANFD-H
14	0.35/G	ACANFD-L
15	0.35/G	Horn relay control
16	-	-

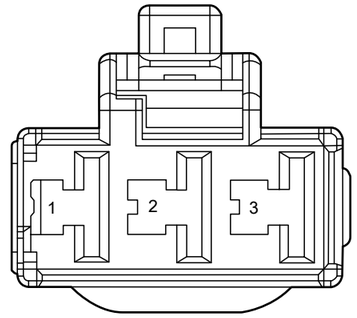
7.71 IP04 connector to front body harness 4

IP04 connector to front body harness 4	
Connector model:1000873-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Battery power supply
2	1.0/W	Light power supply 2
3	1.0/O	Door lock power supply
4	-	-
5	-	-

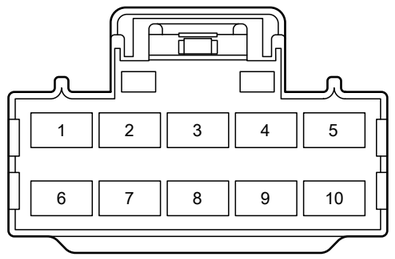
Terminal No.	Wire diameter/color	Feature description
6	-	-
7	-	-
8	-	-
9	1.5/O	Battery power supply
10	0.75/R	Washer power supply

7.72 IP05 connector to front body harness 5

IP05 connector to front body harness 5	
Connector model: 1001180-2-1	
	

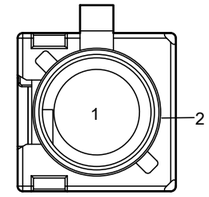
Terminal No.	Wire diameter/color	Feature description
1	6.0/R	Battery power supply
2	3.0/R	Battery power supply
3	-	-

7.73 IP06 connector to front body harness 6

IP06 connector to front body harness 6	
Connector model:1000873-2-1	
	

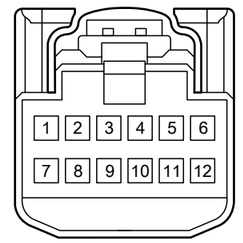
Terminal No.	Wire diameter/color	Feature description
1	1.0/Y	Pedestrian alert speaker -
2	1.0/W	Pedestrian alert speaker +
3	-	-
4	-	-
5	0.35/R	Front passenger circulation motor control
6	0.35/N	Front passenger circulation motor control
7	0.35/G	Front passenger circulation motor position signal
8	0.35/R	Main driver circulation motor control
9	0.35/N	Main driver circulation motor control
10	0.35/G	Main driver circulation motor position signal

7.74 IP07 connector to front body harness

IP07 connector to front body harness	
Connector model: 1000681-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Front around view parking camera video signal
2	-	Shield ground of the front around view parking camera

7.75 IP08 connector to body wiring harness 1

IP08 connector to body wiring harness 1	
Connector model: 1001170-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/O	SW1
2	0.35/K	SW2
3	0.35/W	SW3

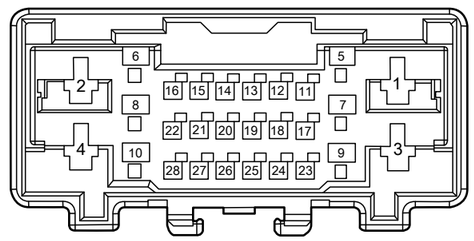
Terminal No.	Wire diameter/color	Feature description
4	0.35/N	SW4
5	0.35/Y	BCAN-H
6	0.35/G	BCAN-L
7	-	-
8	0.35/G	LIN1
9	0.35/U	IG1 power supply
10	0.35/O	ACC power supply
11	0.35/R	Ambient lamp power supply
12	0.35/O	IG1 power supply

7.76 IP09 connector to body harness 2

IP09 connector to body harness 2

Connector model: 1001203-1-1





Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Battery power supply
2	-	-
3	-	-
4	2.0/R	Battery power supply
5	-	-
6	-	-
7	1.0/W	Rear left door speaker-
8	1.0/Y	Rear left door speaker+
9	-	-

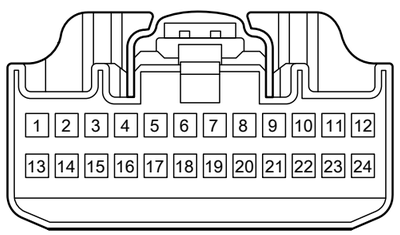
Terminal No.	Wire diameter/color	Feature description
10	1.0/R	Battery power supply
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.77 IP10 connector to body harness 3

IP10 connector to body harness 3

Connector model: 1001172-1-1





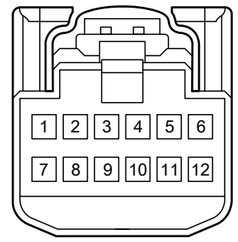
Terminal No.	Wire diameter/color	Feature description
1	0.35/S	IG1 power supply 2
2	0.35/W	ACANFD-H
3	0.35/G	ACANFD-L
4	0.5/R	Battery power supply
5	0.35/S	LIN-IN
6	-	-
7	0.35/K	Microphone 2 signal
8	0.35/B	Microphone 2 ground
9	-	-
10	-	-
11	-	-
12	-	-
13	0.35/W	ACANFD-H
14	0.35/G	ACANFD-L
15	-	-
16	0.35/S	IG1 power supply 1
17	-	-
18	-	-
19	0.35/G	E-Call Indicator lamps
20	-	-
21	0.35/W	E-Call switch
22	0.35/S	Microphone 1 signal
23	0.35/B	Microphone 1 grounding
24	0.5/Y	Battery power supply

7.78 IP11 connector to body harness 4

IP11 connector to body harness 4

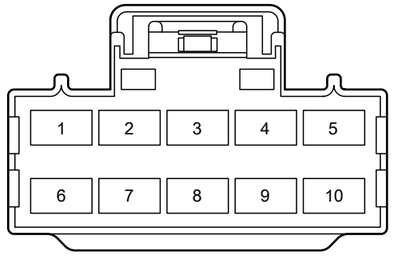
Connector model: 1001170-1-1





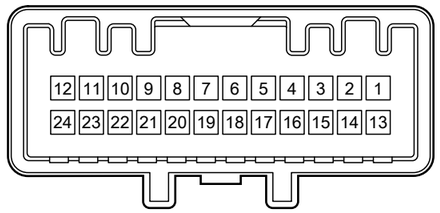
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	LIN-OUT
2	-	-
3	0.35/Y	Battery power supply
4	-	-
5	0.5/Y	Collision signal
6	-	-
7	-	-
8	0.35/U	PCAN-H
9	0.35/N	PCAN-L
10	-	-
11	-	-
12	-	-

7.79 IP12 connector to body harness 5

IP12 connector to body harness 5	
Connector model: 1000873-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	0.75/G	ACC power supply
5	-	-
6	-	-
7	1.0/R	Light power supply 1
8	0.75/Y	Turn signal lamp power supply
9	1.0/W	Battery power supply
10	2.0/R	Battery power supply

7.80 IP13 connector to body harness 6

IP13 connector to body harness 6	
Connector model: 1001168-1-1	
	

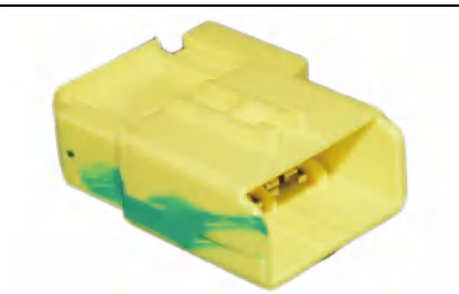
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	PCAN-H
2	0.35/N	PCAN-L
3	0.5/W	ACC power supply
4	-	-
5	0.5/G	Battery power supply
6	0.5/K	Battery power supply
7	-	-
8	0.35/N	ACC relay control
9	0.35/N	Microphone signal
10	0.35/B	Microphone grounding
11	0.35/Y	LIN1
12	0.5/R	IG1 power supply
13	0.35/N	Battery power supply
14	0.35/S	IG1 relay control
15	0.35/R	IG1 power supply
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-

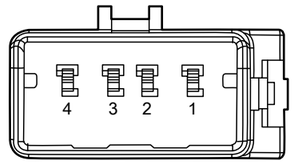
Terminal No.	Wire diameter/color	Feature description
22	-	-
23	0.35/O	LIN-OUT
24	0.35/S	LIN-IN

7.81 IP14 connector to body wiring harness 7

IP14 connector to body wiring harness 7

Connector model: 1000247-1-1





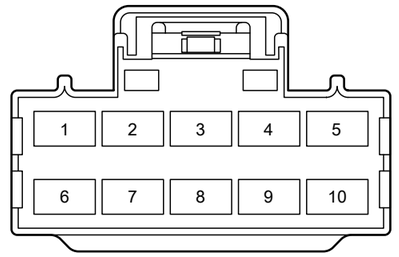
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Main driver airbag-
2	0.35/S	Main driver airbag+
3	0.35/Y	Front passenger airbag-
4	0.35/S	Front passenger airbag +

7.82 IP15 connector to body harness 8

IP15 connector to body harness 8

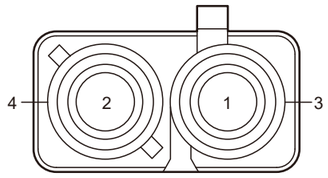
Connector model: 1000873-1-1





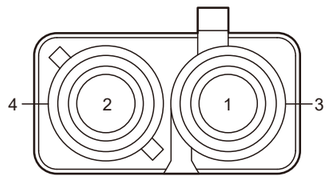
Terminal No.	Wire diameter/color	Feature description
1	1.0/G	Front right door woofer-
2	1.0/O	Front right door woofer+
3	1.0/O	Rear right door speaker -
4	1.0/G	Rear right door speaker +
5	2.0/R	Battery power supply
6	0.75/Y	Front right speaker-
7	0.75/N	Front right speaker+
8	0.35/G	Microphone signal
9	0.35/B	Microphone grounding
10	-	-

7.83 IP16 connector to body harness

IP16 connector to body harness	
Connector model: 1000680-1-1	
	

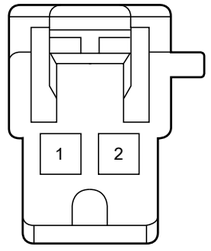
Terminal No.	Wire diameter/color	Feature description
1	-	Driver status monitoring camera's video signal
2	-	AM/FM signal
3	-	Shield ground of the driver monitoring camera
4	-	AM/FM shield ground

7.84 IP18 connector to body harness

IP18 connector to body harness	
Connector model: 1000779-2-1	
	

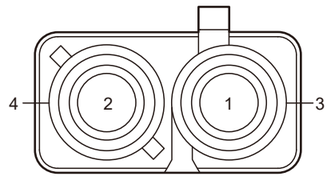
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	Video signal
3	-	-
4	-	Shield ground

7.85 IP19 connector to body harness

IP19 connector to body harness	
Connector model: 1001131-1-1	
	

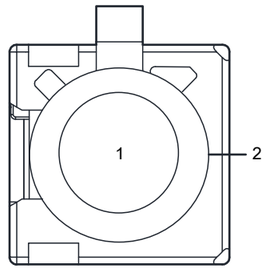
Terminal No.	Wire diameter/color	Feature description
1	-	BR_TRD+
2	-	BR_TRD-

7.86 IP20 connector to body harness

IP20 connector to body harness	
Connector model: 1000779-2-1	
	

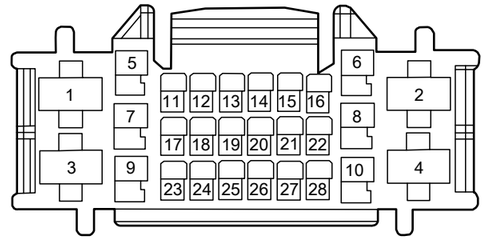
Terminal No.	Wire diameter/color	Feature description
1	-	Antenna 2 signal
2	-	Antenna 1 signal
3	-	Antenna 2 shield ground
4	-	Antenna 1 shield ground

7.87 IP21 connector to left front door harness

IP21 connector to left front door harness	
Connector model: 1000681-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Left around view parking camera video signal
2	-	Shield ground of the left around view parking camera

7.88 IP22 connector to front left door harness

IP22 connector to front left door harness	
Connector model: 1001204-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	1.0/W	Front left door woofer-
2	2.0/R	Battery power supply
3	1.0/G	Front left door woofer+
4	-	-
5	0.75/S	Front left speaker-
6	-	-
7	0.75/U	Front left speaker +
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	0.35/R	Power supply
21	-	-
22	-	-

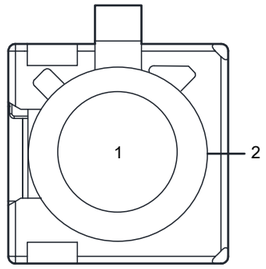
Terminal No.	Wire diameter/color	Feature description
23	-	-
24	-	-
25	0.35/Y	Front left door rearview mirror power supply
26	-	-
27	-	-
28	-	-

7.89 IP23 connector to right front door harness

IP21 connector to left front door harness

Connector model: 1000681-2-1





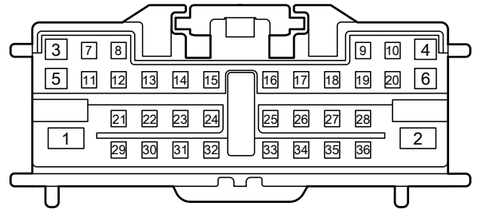
Terminal No.	Wire diameter/color	Feature description
1	-	Right around view parking camera video signal
2	-	Shield ground of the right around view parking camera

7.90 IP24 Connector to A/C transition harness

IP24 Connector to A/C transition harness

Connector model:1000889-1-1





Terminal No.	Wire diameter/color	Feature description
1	3.0/R	Battery power supply
2	3.0/B	GND
3	0.5/W	Speed control signal
4	-	-
5	0.35/N	Speed control module blower feedback
6	-	-
7	0.35/Y	5V power supply
8	0.35/G	Main driver heating and cooling motor position signal
9	0.35/S	Sensor grounding
10	0.35/Y	Main driver heating and cooling motor control
11	0.35/O	Main driver heating and cooling motor control
12	-	-
13	0.35/P	Front passenger heating and cooling motor position signal
14	0.35/U	Front passenger heating and cooling motor control
15	0.35/N	Front passenger heating and cooling motor control
16	-	-
17	0.35/G	Mode damper motor position signal
18	0.35/O	Mode damper motor control
19	0.35/Y	Mode damper motor control
20	-	-

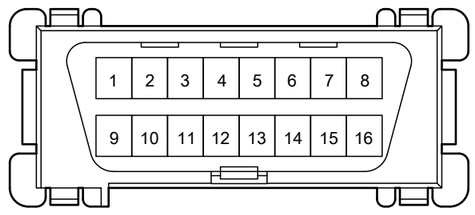
Terminal No.	Wire diameter/color	Feature description
21	0.35/P	Main driver foot-blowing temperature signal
22	0.35/W	Front passenger face-blowing temperature signal
23	0.35/G	Main driver face-blowing temperature signal
24	0.35/K	Front passenger foot-blowing temperature signal
25	-	-
26	0.35/G	Front passenger circulation motor position signal
27	0.35/N	Front passenger circulation motor control
28	0.35/R	Front passenger circulation motor control
29	-	-
30	0.35/G	Main driver circulation motor position signal
31	0.35/N	Main driver circulation motor control
32	0.35/R	Main driver circulation motor control
33	0.5/S	EVA temperature signal
34	0.35/W	Sensor grounding
35	-	-
36	-	-

7.91 IP25 connector to DLC (OBD)

IP25 connector to DLC (OBD)

Connector model: 1000056-3-1





Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-

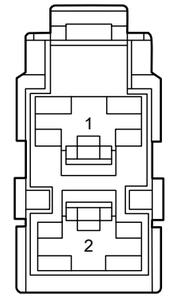
Terminal No.	Wire diameter/color	Feature description
3	0.35/W	ETH_RX+
4	0.35/B	Body grounding
5	0.35/B	Signal grounding
6	0.35/K	DCAN-H
7	-	-
8	0.35/N	OBD_ETH wakeup
9	-	-
10	-	-
11	0.35/Y	ETH_RX
12	0.35/S	ETH_TX+
13	0.35/U	ETH_TX
14	0.35/P	DCAN-L
15	-	-
16	0.35/R	Battery power supply

7.92 IP26 connector to EPS column 1

IP26 connector to EPS column 1

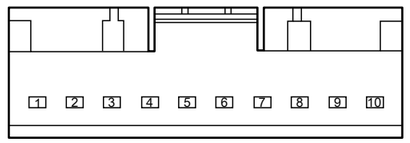
Connector model: 1000342-1-1





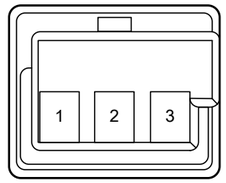
Terminal No.	Wire diameter/color	Feature description
1	8.0/R	Battery power supply
2	8.0/B	GND

7.93 IP27 connector to EPS column 2

IP27 connector to EPS column 2	
Connector model: 1000528-1-1	
	

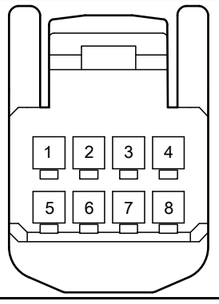
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	IG1 power supply
2	-	-
3	-	-
4	-	-
5	-	-
6	0.35/G	ACANFD-L
7	0.35/W	ACANFD-H
8	-	-
9	-	-
10	-	-

7.94 IP28 connector to PM2.5 sensor

IP28 connector to PM2.5 sensor	
Connector model: 1000264-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/S	LIN1
2	0.35/B	GND
3	0.35/P	Power supply

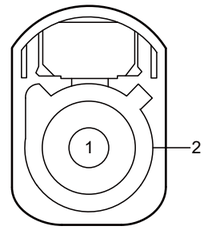
7.95 IP29 connector to ICM display 1

IP29 connector to ICM display 1	
Connector model: 1000896-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Battery power supply
2	-	-
3	-	-

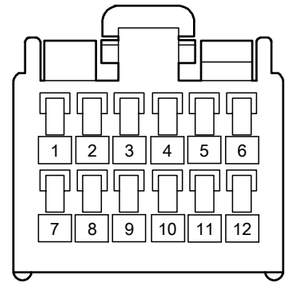
Terminal No.	Wire diameter/color	Feature description
4	0.35/B	GND
5	0.35/P	ACC power supply
6	-	-
7	-	-
8	-	-

7.96 IP30 connector to ICM display 2

IP30 connector to ICM display 2	
Connector model: 1000287-4-2	
	

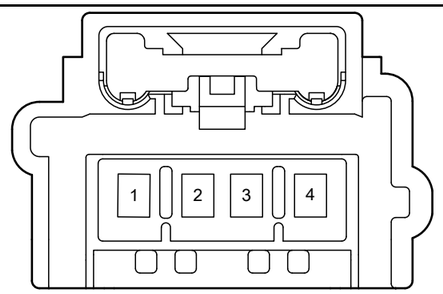
Terminal No.	Wire diameter/color	Feature description
1	-	GMSL+
2	-	Shield ground

7.97 IP31 connector to combination switch and clock spring assembly 1

IP31 connector to combination switch and clock spring assembly 1	
Connector model: 1000051-3-1	
	

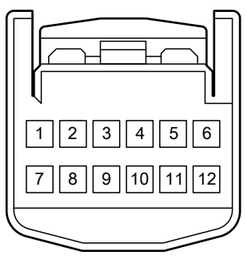
Terminal No.	Wire diameter/color	Feature description
1	0.5/R	Battery power supply
2	0.35/U	PCAN-H
3	0.35/N	PCAN-L
4	-	-
5	0.35/Y	LIN
6	0.35/R	IG1 power supply
7	0.5/B	GND
8	-	-
9	0.35/O	SW1
10	0.35/K	SW2
11	0.35/W	SW3
12	0.35/N	SW4

7.98 IP32 connector to combination switch and clock spring assembly 2

IP32 connector to combination switch and clock spring assembly 2	
Connector model: 1000110-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.35/N	Main driver airbag-
4	0.35/S	Main driver airbag+

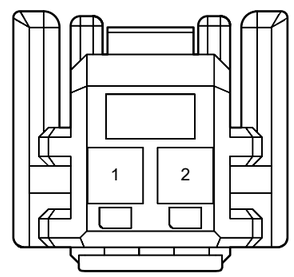
7.99 IP33 connector to combination switch and clock spring assembly 3

IP33 connector to combination switch and clock spring assembly 3	
Connector model: 1000898-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/R	Battery power supply
2	-	-

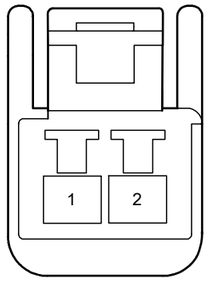
Terminal No.	Wire diameter/color	Feature description
3	0.35/Y	GWM_LIN1
4	0.5/B	GND
5	0.35/G	Horn relay control
6	-	-
7	0.5/B	Horn grounding
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-

7.100 IP35 connector to instrument panel midrange loudspeaker

IP35 connector to instrument panel midrange loudspeaker	
Connector model: 1000033-3-1	
	

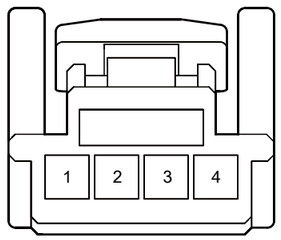
Terminal No.	Wire diameter/color	Feature description
1	0.75/N	Instrument panel midrange loudspeaker-
2	0.75/S	Instrument panel midrange loudspeaker+

7.101 IP36 connector to interior temperature sensor

IP36 connector to interior temperature sensor	
Connector model: 1000220-1-1	
	

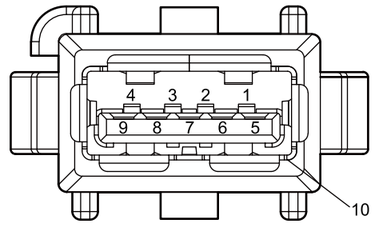
Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	Interior temperature signal
2	0.35/W	Sensor grounding

7.102 IP37 connector to main driver's side footwell light

IP37 connector to main driver's side footwell light	
Connector model: 1000034-3-1	
	

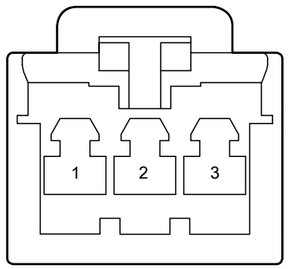
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/S	LIN-IN
3	0.35/O	LIN-OUT
4	0.35/B	GND

7.103 IP38 connector to USB1.0

IP38 connector to USB1.0	
Connector model: 1001042-1-1	
	

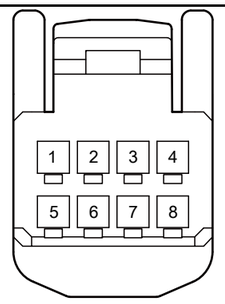
Terminal No.	Wire diameter/color	Feature description
1	-	VBUS
2	-	D-
3	-	D+
4	-	GND
5	-	STDA_SSTX+
6	-	STDA_SSTX-
7	-	GND_ DRAIN _TX
8	-	STDA_SSRX+
9	-	STDA_SSRX-
10	-	Shield ground

7.104 IP41 connector to USB_TYPE_C

IP41 connector to USB_TYPE_C	
Connector model: 1000939-1-1	
	

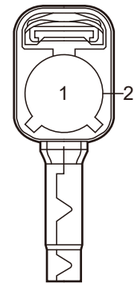
Terminal No.	Wire diameter/color	Feature description
1	0.75/B	GND
2	-	-
3	0.75/W	ACC power supply

7.105 IP42 connector to touch control panel 1

IP42 connector to touch control panel 1	
Connector model: 1000896-1-1	
	

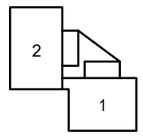
Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Battery power supply
2	-	-
3	-	-
4	0.5/B	GND
5	0.35/K	ACC power supply
6	-	-
7	-	-
8	-	-

7.106 IP43 connector to touch control panel 2

IP43 connector to touch control panel 2	
Connector model: 1000638-3-1	
	

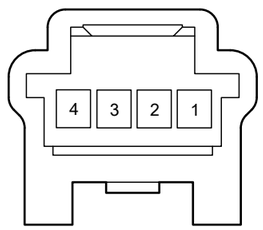
Terminal No.	Wire diameter/color	Feature description
1	-	GMSL+
2	-	Shield ground

7.107 IP44 connector to front 12V power supply

IP44 connector to front 12V power supply	
Connector model: 1000694-1-1	
	

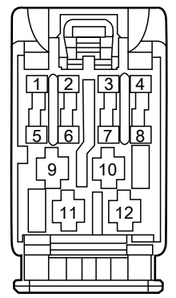
Terminal No.	Wire diameter/color	Feature description
1	2.0/B	GND
2	0.75/R	ACC power supply

7.108 IP46 connector to instrument panel right ambient lamp 2

IP46 connector to instrument panel right ambient lamp 2	
Connector model: 1000260-1-1	
	

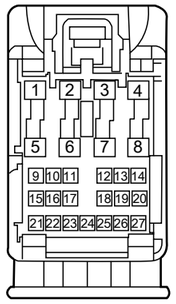
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/O	LIN-IN
3	0.35/O	LIN-OUT
4	0.35/B	GND

7.109 IP47 connector to intelligent multimedia vehicle host 1

IP47 connector to intelligent multimedia vehicle host 1	
Connector model: 1000924-1-1	
	

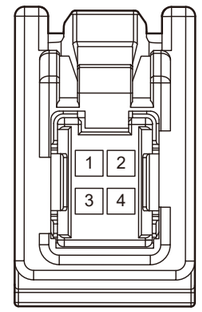
Terminal No.	Wire diameter/color	Feature description
1	1.0/O	Front right door woofer+
2	1.0/W	Pedestrian alert speaker +
3	0.75/S	Instrument panel midrange loudspeaker+
4	1.0/G	Front left door woofer+
5	1.0/G	Front right door woofer-
6	1.0/Y	Pedestrian alert speaker -
7	0.75/N	Instrument panel midrange loudspeaker-
8	1.0/W	Front left door woofer-
9	-	-
10	-	-
11	2.0/R	Battery power supply
12	2.0/B	GND

7.110 IP48 connector to intelligent multimedia vehicle host 2

IP48 connector to intelligent multimedia vehicle host 2	
Connector model: 1000925-1-1	
	

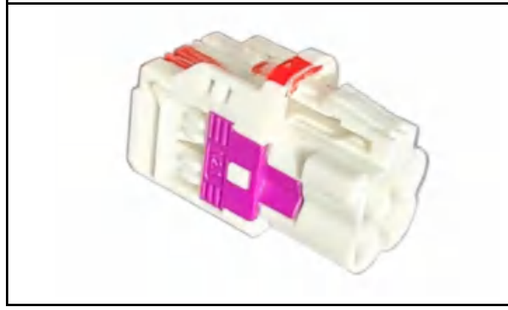
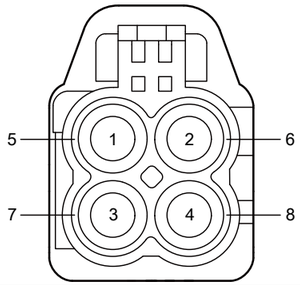
Terminal No.	Wire diameter/color	Feature description
1	1.0/Y	Rear left door speaker+
2	1.0/G	Rear right speaker+
3	0.75/U	Front left speaker+
4	0.75/N	Front right door woofer+
5	1.0/W	Rear left door speaker-
6	1.0/O	Rear right speaker-
7	0.75/S	Front left speaker-
8	0.75/Y	Front right door woofer-
9	0.35/G	MUTE
10	0.35/R	IG1 power supply
11	0.35/B	Microphone 1 grounding
12	0.35/S	Microphone 1 signal
13	-	-
14	0.35/O	ACC power supply
15	-	-
16	-	-
17	-	-
18	0.35/K	ACC
19	0.35/Y	BCAN-H
20	0.35/G	BCAN-L
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-

7.111 IP50 connector to intelligent multimedia vehicle host 4

IP50 connector to intelligent multimedia vehicle host 4	
Connector model: 1000479-1-1	
	

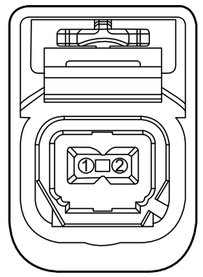
Terminal No.	Wire diameter/color	Feature description
1	-	D+_USB
2	-	D+_USB
3	-	GND_USB
4	-	D-_USB
5	-	SHIELD_USB

7.112 IP51 connector to intelligent multimedia vehicle host 5

IP50 connector to intelligent multimedia vehicle host 4	
Connector model: 1000479-1-1	
	

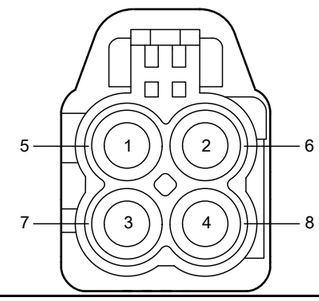
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	DISP+
4	-	DISP+
5	-	-
6	-	-
7	-	Shield ground
8	-	Shield ground

7.113 IP52 connector to intelligent multimedia vehicle host 6

IP52 connector to intelligent multimedia vehicle host 6	
Connector model: 1000927-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	ETHERNET_TRD+
2	-	ETHERNET_TRD-

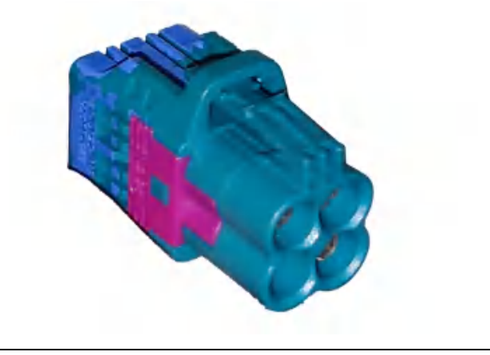
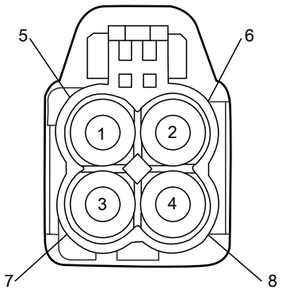
7.114 IP53 connector to intelligent multimedia vehicle host 7

IP53 connector to intelligent multimedia vehicle host 7	
Connector model: 1000945-4-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Front around view parking camera video signal
2	-	Rear around view parking camera video signal
3	-	Left around view parking camera video signal

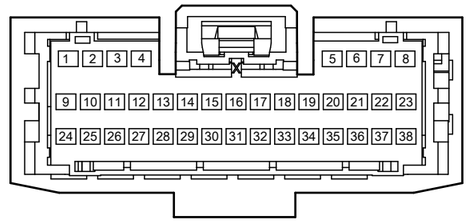
4	-	Right around view parking camera video signal
5	-	Shield ground of the front around view parking camera
6	-	Shield ground of the rear around view parking camera
7	-	Shield ground of the left around view parking camera
8	-	Shield ground of the right around view parking camera

7.115 IP54 connector to intelligent multimedia vehicle host 8

IP54 connector to intelligent multimedia vehicle host 8	
Connector model: 1000945-5-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Antenna 1 signal
2	-	FM signal
3	-	-
4	-	DAB signal
5	-	Antenna 1 shield ground
6	-	FM shield ground
7	-	-
8	-	Shield ground

7.116 IP55 connector to intelligent multimedia vehicle host 9

IP55 connector to intelligent multimedia vehicle host 9	
Connector model: 1000590-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	0.35/P	ACC
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	0.35/K	Microphone 2 signal
20	0.35/B	Microphone 2 ground
21	-	-
22	-	-

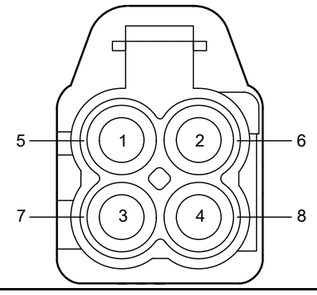
Terminal No.	Wire diameter/color	Feature description
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	0.35/B	Microphone grounding
29	0.35/G	Microphone signal
30	0.35/B	Microphone grounding
31	0.35/N	Microphone signal
32	-	-
33	-	-
34	-	-
35	-	-
36	-	-
37	-	-
38	-	-

7.117 IP56 connector to intelligent multimedia vehicle host 10

IP56 connector to intelligent multimedia vehicle host 10

Connector model: 1000945-1-1





Terminal No.	Wire diameter/color	Feature description
1	-	Driver status monitoring camera's video signal
2	-	-
3	-	-

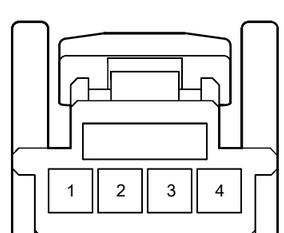
Terminal No.	Wire diameter/color	Feature description
4	-	-
5	-	Shield ground of the driver monitoring camera
6	-	-
7	-	-
8	-	-

7.118 IP58 connector to front passenger side footwell light

IP58 connector to front passenger side footwell light

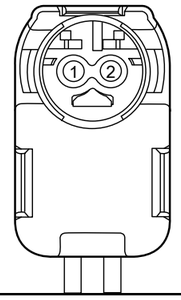
Connector model: 1000034-3-1





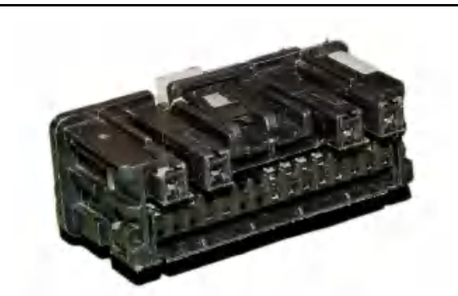
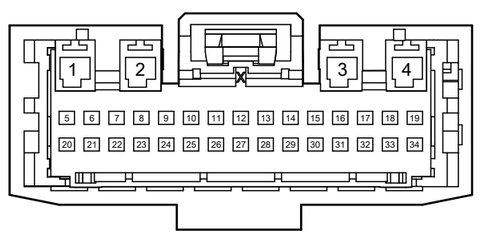
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/S	LIN-IN
3	0.35/O	LIN-OUT
4	0.35/B	GND

7.119 IP59 connector to front passenger airbag

IP59 connector to front passenger airbag	
Connector model: 1001000-4-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Front passenger airbag +
2	0.35/Y	Front passenger airbag-

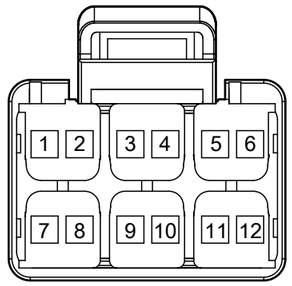
7.120 IP60 connector to GWM (Ethernet) 1

IP60 connector to GWM (Ethernet) 1	
Connector model: 1000590-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Battery power supply
2	0.35/O	Battery power supply
3	0.35/B	GND
4	0.35/B	GND

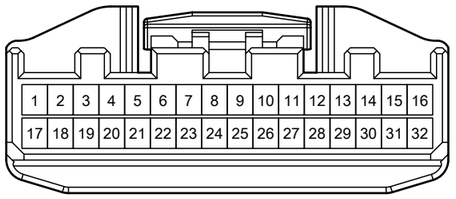
Terminal No.	Wire diameter/color	Feature description
5	0.35/U	IG1 power supply
6	-	-
7	0.35/Y	LIN1
8	0.35/K	DCAN-H
9	0.35/W	ACANFD-H
10	-	-
11	0.35/U	TCANFD-H
12	-	-
13	0.35/Y	BCAN-H
14	0.35/U	PCAN-H
15	0.35/G	ECAN-H
16	-	-
17	-	-
18	0.35/Y	ETH_RX
19	0.35/W	ETH_RX+
20	-	-
21	-	-
22	-	-
23	0.35/P	DCAN-L
24	0.35/G	ACANFD-L
25	-	-
26	0.35/G	TCANFD-L
27	-	-
28	0.35/G	BCAN-L
29	0.35/N	PCAN-L
30	0.35/O	ECAN-L
31	-	-
32	0.35/N	Wakup signal
33	0.35/U	ETH_TX
34	0.35/S	ETH_TX+

7.121 IP61 connector to GWM (Ethernet) 2

IP61 connector to GWM (Ethernet) 2	
Connector model: 1000604-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	T-BOX_P
2	-	T-BOX_N
3	-	-
4	-	-
5	-	-
6	-	-
7	-	BR_TRD-
8	-	BR_TRD+
9	-	ETH_TRD-
10	-	ETH_TRD+
11	-	BR_TRD-
12	-	BR_TRD+

7.122 IP63 connector to T-BOX1

IP63 connector to T-BOX1	
Connector model: 1000229-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/G	E-Call Indicator lamps
2	-	-
3	-	-
4	-	-
5	-	-
6	0.35/U	TCANFD-H
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	0.5/Y	Battery power supply
17	0.5/B	GND
18	0.35/S	Microphone 1 power supply & signal
19	-	-
20	0.35/B	Microphone 1 grounding
21	0.35/G	TCANFD-L

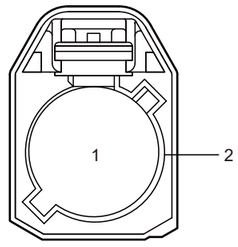
Terminal No.	Wire diameter/color	Feature description
22	0.35/W	E-Call switch
23	-	-
24	0.35/G	MUTE
25	-	-
26	-	-
27	-	-
28	0.5/Y	Collision signal
29	-	-
30	-	-
31	0.35/R	IG1 power supply
32	-	-

7.123 IP65 connector to T-BOX3

IP65 connector to T-BOX3

Connector model: 1000673-2-1





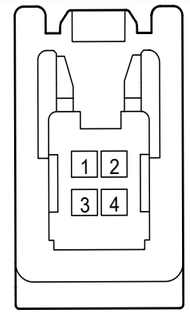
Terminal No.	Wire diameter/color	Feature description
1	-	Antenna 2 signal
2	-	Antenna 2 shield ground

7.124 IP66 connector to T-BOX4

IP66 connector to T-BOX4

Connector model: 1000479-1-1





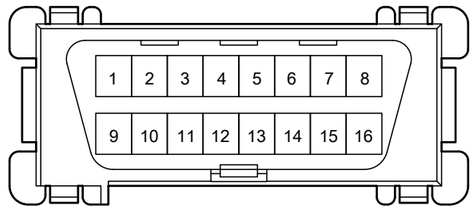
Terminal No.	Wire diameter/color	Feature description
1	-	D+_USB
2	-	VBUS_USB
3	-	GND_USB
4	-	D-_USB
5		SHIELD_USB

7.125 IP68 connector to DLC (OBD-TEST)

IP68 connector to DLC (OBD-TEST)

Connector model: 1000056-1-1





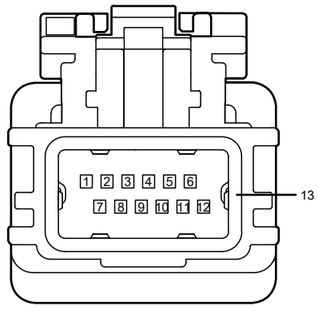
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	ECAN-H
2	0.35/S	LIN1
3	0.35/Y	BCAN-H
4	0.35/B	Body grounding
5	0.35/B	Signal grounding
6	0.35/U	PCAN-H
7	0.35/U	TCANFD-H
8	0.35/G	TCANFD-L
9	0.35/O	ECAN-L
10	0.35/Y	LIN1
11	0.35/G	BCAN-L
12	0.35/W	ACANFD-H
13	0.35/G	ACANFD-L
14	0.35/N	PCAN-L
15	0.35/G	LIN1
16	0.35/R	Battery power supply

7.126 IP70 connector to intelligent multimedia vehicle host 12

IP70 connector to intelligent multimedia vehicle host 12

Connector model: 1000931-1-2





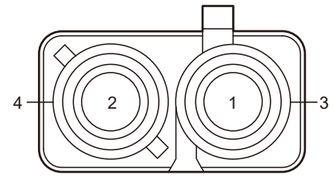
Terminal No.	Wire diameter/color	Feature description
1	-	STDA_SSRX-
2	-	STDA_SSRX+
3	-	GND_DRAIN_RX
4	-	STDA_SSTX-
5	-	STDA_SSTX+
6	-	GND_DRAIN_TX
7	-	GND
8	-	-
9	-	D+
10	-	D-
11	-	-
12	-	VBUS
13	-	Shield ground

7.127 IP71 connector to body harness

IP71 connector to body harness

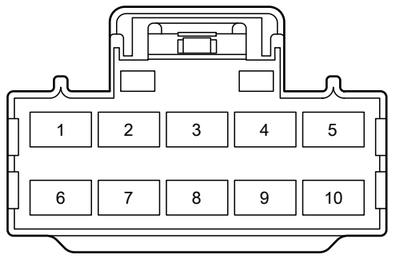
Connector model: 1000779-2-1





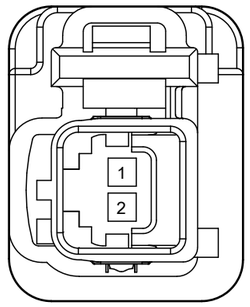
Terminal No.	Wire diameter/color	Feature description
1	-	DAB signal
2	-	Shield ground
3	-	FM signal
4	-	FM shield ground

7.128 IP72 connector to body harness

IP72 connector to body harness	
Connector model: 1000873-1-1	
	

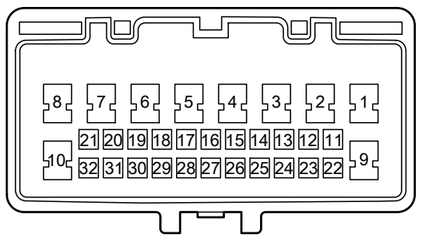
Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Battery power supply
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-

7.129 IP73 connector to T-BOX 6

IP73 connector to T-BOX 6	
Connector model: 1000563-1-2	
	

Terminal No.	Wire diameter/color	Feature description
1	-	T-BOX_P
2	-	T-BOX_N

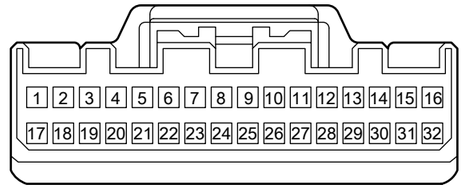
7.130 BD01 connector to front body harness 1

BD01 connector to front body harness 1	
Connector model: 1000932-4-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Battery power supply 1
2	3.0/R	Rear defrosting power supply
3	0.35/O	Right front reversing radar signal
4	2.5/O	Battery power supply 2

Terminal No.	Wire diameter/color	Feature description
5	0.5/R	Left high beam power supply
6	0.35/N	Front right center reversing radar signal
7	0.75/S	Charging inlet unlocking
8	0.35/P	Left daytime running lamp power supply
9	0.5/W	Rear wiper power supply
10	0.35/G	LIN5
11	0.35/G	Brake signal normally open
12	0.35/W	Front left center reversing radar signal
13	0.35/Y	Front left reversing radar signal
14	-	-
15	0.35/K	Front left impact sensor+
16	0.35/U	Front left impact sensor-
17	-	-
18	-	-
19	-	-
20	0.35/O	Hazard warning lamp switch signal
21	-	-
22	0.5/U	Rear left wheel speed sensor-
23	0.5/Y	Rear left wheel speed sensor+
24	0.35/S	IG1 power supply
25	0.5/R	Right low beam power supply
26	0.35/U	Left turn signal lamp power supply
27	0.35/S	IG1 power supply
28	0.35/G	Right daytime running lamp power supply
29	0.35/U	IG1 power supply
30	0.5/Y	Collision signal
31	0.35/W	Private_CAN-FD-H
32	0.35/Y	Private_CAN-FD-L

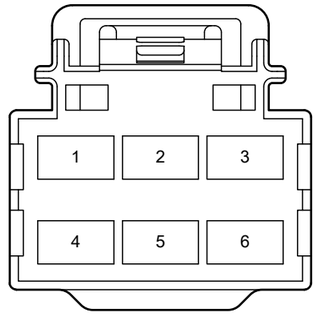
7.131 BD02 connector to front body harness 2

BD02 connector to front body harness 2	
Connector model: 1000792-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	BCAN-H
2	0.35/G	BCAN-L
3	0.35/Y	Front right impact sensor+
4	0.35/G	Front right impact sensor-
5	-	-
6	-	-
7	0.35/G	BCAN-L
8	0.35/Y	BCAN-H
9	-	-
10	0.35/P	Sensor-
11	0.35/R	Battery power supply
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	0.5/Y	Rear right wheel speed sensor+
18	0.5/U	Rear right wheel speed sensor-
19	0.35/U	Right turn signal lamp power supply
20	0.35/Y	Front left position lamp power
21	0.35/Y	Front right position lamp power

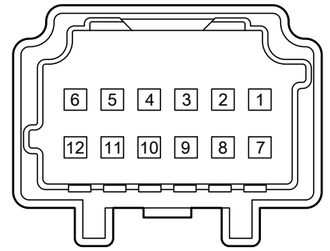
Terminal No.	Wire diameter/color	Feature description
22	-	-
23	-	-
24	-	-
25	0.5/K	Right high beam power supply
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	0.35/R	Sensor+
32	-	-

7.132 BD03 connector to front body harness 3

BD03 connector to front body harness 3	
Connector model: 1000789-1-1	
	

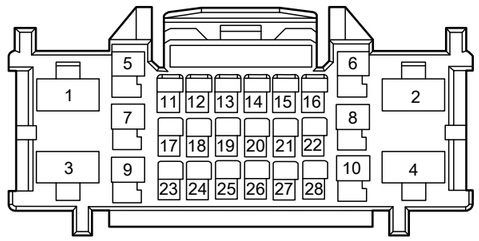
Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Unlocking signal of front right door/rear left door/rear right door lock
2	-	-
3	-	-
4	-	-
5	-	-
6	0.75/O	Locking signal of charging inlet lock

7.133 BD05 connector to instrument panel harness 1

BD05 connector to instrument panel harness 1	
Connector model: 1001166-1-1	
	

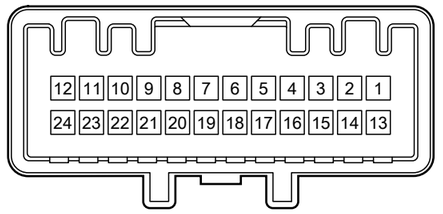
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	SW1
2	0.35/K	SW2
3	0.35/W	SW3
4	0.35/N	SW4
5	0.35/Y	BCAN-H
6	0.35/G	BCAN-L
7	-	-
8	0.35/G	LIN1
9	0.35/U	IG1 power supply
10	0.35/O	ACC power supply
11	0.35/R	Ambient lamp power supply
12	0.35/O	IG1 power supply

7.134 BD06 connector to instrument panel harness 2

BD06 connector to instrument panel harness 2	
Connector model: 1001204-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Battery power supply
2	-	-
3	-	-
4	2.0/R	Battery power supply
5	-	-
6	-	-
7	1.0/W	Rear left door speaker-
8	1.0/Y	Rear left door speaker+
9	-	-
10	1.0/R	Battery power supply
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

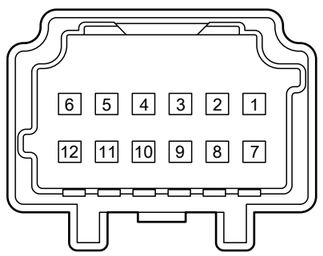
7.135 BD07 connector to instrument panel harness 3

BD07 connector to instrument panel harness 3	
Connector model: 1001168-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/S	IG1 power supply 2
2	0.35/W	ACANFD-H
3	0.35/G	ACANFD-L
4	0.5/R	Battery power supply
5	0.35/S	LIN-IN
6	-	-
7	0.35/K	Microphone signal 2
8	0.35/B	Microphone grounding 2
9	-	-
10	-	-
11	-	-
12	-	-
13	0.35/W	ACANFD-H

Terminal No.	Wire diameter/color	Feature description
14	0.35/G	ACANFD-L
15	-	-
16	0.35/S	IG1 power supply 1
17	-	-
18	-	-
19	0.35/G	E-Call Indicator lamps
20	-	-
21	0.35/W	E-Call switch
22	0.35/S	Microphone 1 signal
23	0.35/B	Microphone 1 grounding
24	0.5/Y	Battery power supply

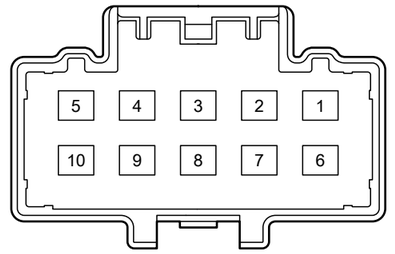
7.136 BD08 connector to instrument panel harness 4

BD08 connector to instrument panel harness 4	
Connector model: 1001166-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/O	LIN-OUT
2	-	-
3	0.35/Y	Battery power supply
4	-	-
5	0.5/Y	Collision signal
6	-	-
7	-	-

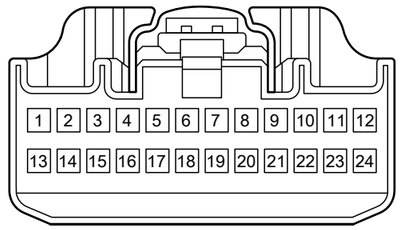
Terminal No.	Wire diameter/color	Feature description
8	0.35/U	PCAN-H
9	0.35/N	PCAN-L
10	-	-
11	-	-
12	-	-

7.137 BD09 connector to instrument panel harness 5

BD09 connector to instrument panel harness 5	
Connector model: 1000872-1-1	
	

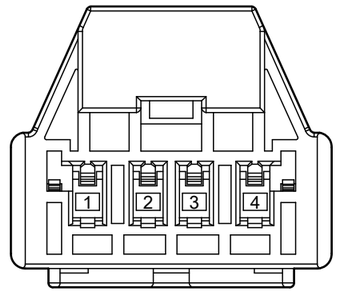
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	0.75/G	ACC power supply
5	-	-
6	-	-
7	1.0/R	Light power supply 1
8	0.75/Y	Turn signal lamp power supply
9	1.0/W	Battery power supply
10	2.0/R	Battery power supply

7.138 BD10 connector to instrument panel harness 6

BD10 connector to instrument panel harness 6	
Connector model: 1001172-1-1	
	

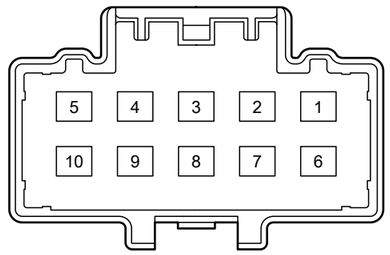
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	PCAN-H
2	0.35/N	PCAN-L
3	0.5/W	ACC power supply
4	-	-
5	0.5/G	Battery power supply
6	0.5/K	Battery power supply
7	-	-
8	0.35/N	ACC relay control
9	0.35/N	Microphone signal
10	0.35/B	Microphone grounding
11	0.35/Y	LIN1
12	0.5/R	IG1 power supply
13	0.35/N	Battery power supply
14	0.35/S	IG1 relay control
15	0.35/R	IG1 power supply
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	0.35/O	LIN-OUT
24	0.35/S	LIN-IN

7.139 BD11 connector to instrument panel harness 7

BD11 connector to instrument panel harness 7	
Connector model: 1000248-1-1	
	

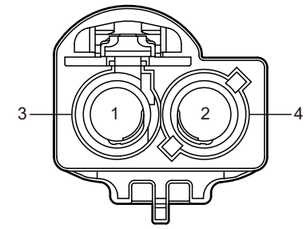
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Main driver airbag-
2	0.35/S	Main driver airbag+
3	0.35/Y	Front passenger airbag-
4	0.35/S	Front passenger airbag +

7.140 BD12 connector to instrument panel harness 8

BD12 connector to instrument panel harness 8	
Connector model: 1000872-1-1	
	

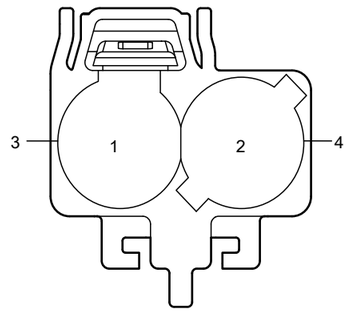
Terminal No.	Wire diameter/color	Feature description
1	1.0/G	Front right door woofer-
2	1.0/O	Front right door woofer+
3	1.0/O	Rear right door speaker -
4	1.0/G	Rear right door speaker +
5	2.0/R	Battery power supply
6	0.75/W	Front right speaker-
7	0.75/N	Front right speaker+
8	0.35/G	Microphone signal
9	0.35/B	Microphone grounding
10	-	-

7.141 BD13 connector to instrument panel harness

BD13 connector to instrument panel harness	
Connector model: 1000758-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	Video signal
3	-	-
4	-	Shield ground

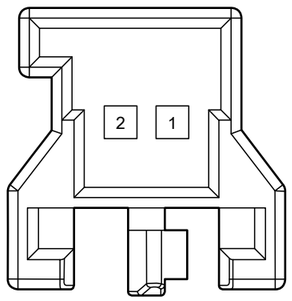
7.142 BD14 connector to instrument panel harness

BD14 connector to instrument panel harness	
Connector model:1000674-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Video signal
2	-	AM/FM signal

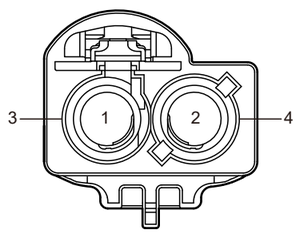
Terminal No.	Wire diameter/color	Feature description
3	-	Shield ground
4	-	Shield ground

7.143 BD15 connector to instrument panel harness

BD15 connector to instrument panel harness	
Connector model: 1001130-1-1	
	

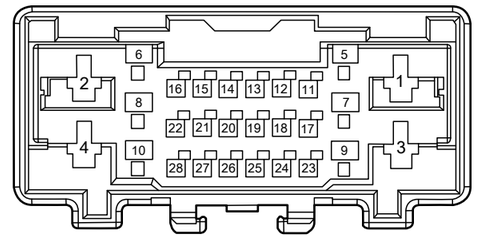
Terminal No.	Wire diameter/color	Feature description
1	-	BR_TRD+
2	-	BR_TRD-

7.144 BD16 connector to instrument panel harness

BD16 connector to instrument panel harness	
Connector model: 1000758-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Antenna 2 signal
2	-	Antenna 1 signal
3	-	Antenna 2 shield ground
4	-	Antenna 1 shield ground

7.145 BD18 connector to sub-instrument panel harness

BD18 connector to sub-instrument panel harness	
Connector model: 1001203-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/W	ACC power supply
2	0.75/B	GND
3	0.5/W	ACC power supply
4	-	-
5	-	-
6	-	-
7	0.5/B	GND
8	-	-
9	-	-
10	-	-
11	0.5/G	Battery power supply
12	0.5/K	Battery power supply
13	0.35/W	Interior search antenna 2+
14	0.35/K	Interior detection antenna 2-

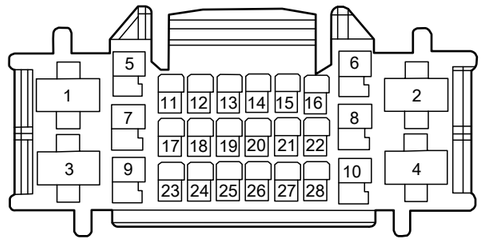
Terminal No.	Wire diameter/color	Feature description
15	-	-
16	0.35/Y	BCAN-H
17	0.35/G	BCAN-L
18	0.35/Y	BCAN-H
19	0.35/G	BCAN-L
20	0.35/S	LIN-OUT
21	0.35/K	MUTE
22	-	-
23	0.35/B	GND
24	0.35/Y	LIN1
25	0.35/R	Ambient lamp power supply
26	0.35/O	LIN-IN
27	-	-
28	-	-

7.146 BD21 connector to front right door harness 1

BD21 connector to front right door harness 1

Connector model: 1001204-2-1

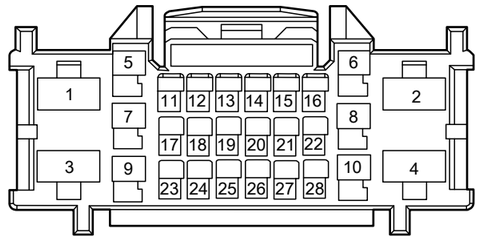




Terminal No.	Wire diameter/color	Feature description
1	1.0/G	Front right door woofer-
2	2.0/R	Battery power supply
3	1.0/O	Front right door woofer+
4	0.35/B	GND

Terminal No.	Wire diameter/color	Feature description
5	0.75/Y	Front right door midrange loudspeaker-
6	0.35/B	GND
7	0.75/N	Front right door midrange loudspeaker+
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	0.35/Y	Battery power supply
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.147 BD22 connector to front right door harness 2

BD22 connector to front right door harness 2	
Connector model: 1001204-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.0/B	Rear right door glass down
2	2.0/R	Rear right door glass lifter UP
3	-	-
4	2.5/B	GND
5	-	-
6	-	-
7	0.35/O	LIN-IN
8	0.35/K	Front right door Ajar on/off signal
9	0.75/Y	Unlocking front right door
10	0.35/P	Front right door lock status signal
11	0.35/S	LIN-OUT
12	0.35/S	Backlight power supply
13	-	-
14	0.35/R	Front right door ambient lamp power supply
15	0.35/O	Rear right glass lifter control
16	0.35/B	Backlight grounding
17	0.35/G	Front right door trim panel antenna+
18	0.35/O	Front right door trim panel antenna-
19	0.22/B	Front right door outer handle grounding
20	0.5/O	Front right door locking
21	0.35/Y	BCAN-H
22	0.35/G	BCAN-L
23	0.35/W	Front right door pressure sensor+
24	0.35/U	Front right door pressure sensor-
25	0.5/Y	Front right door locking/unlocking
26	-	-
27	-	-
28	-	-

7.148 BD24 connector to front left door harness

BD24 connector to front left door harness	
Connector model: 1001204-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Rear left door glass up
2	2.0/B	Rear left door glass down
3	2.5/B	GND
4	0.75/S	Front left door lock unlocking
5	0.35/G	Front left door trim panel antenna+
6	0.75/S	Front left tweeter-
7	0.35/P	Front left door trim panel antenna-
8	0.75/U	Front left speaker +
9	-	-
10	0.35/S	LIN-IN

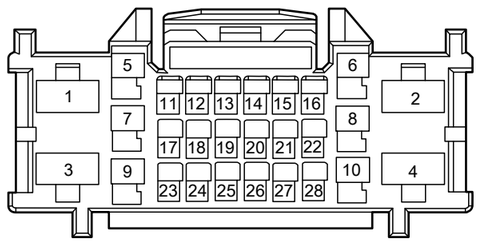
Terminal No.	Wire diameter/color	Feature description
11	-	-
12	-	-
13	-	-
14	0.35/B	Backlight grounding
15	0.35/P	Front left door lock status signal
16	0.35/Y	Front left door Ajar on/off signal
17	-	-
18	0.35/O	Rear left glass lifter control
19	0.35/O	Front left door lock locking
20	0.35/N	Front left door locking/unlocking
21	0.35/S	Backlight power supply
22	0.5/B	GND
23	0.35/Y	BCAN-H
24	0.35/G	BCAN-L
25	0.35/Y	Front left door pressure sensor+
26	0.35/G	Front left door pressure sensor-
27	0.35/B	GND
28	-	-

7.149 BD26 connector to rear right door harness

BD26 connector to rear right door harness

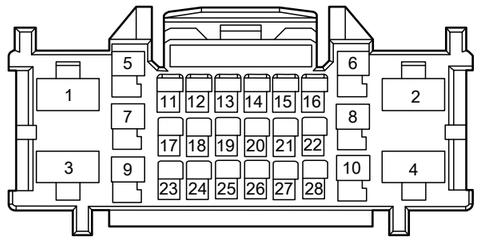
Connector model: 1001204-1-1





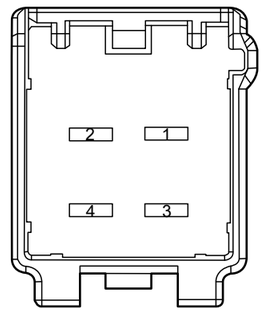
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Rear right door glass lifter UP
2	1.0/R	Rear right door woofer+
3	2.0/B	Rear right door glass down
4	1.0/G	Rear right door speaker -
5	-	-
6	-	-
7	-	-
8	0.75/Y	Rear right door lock unlocking
9	-	-
10	0.35/W	Rear right door Ajar on/off signal
11	0.5/B	Grounding of ambient lamp for rear right door interior trim panel
12	-	-
13	0.35/S	Backlight power supply
14	0.35/S	LIN-IN
15	0.35/O	LIN-OUT
16	0.35/O	Rear right glass lifter control
17	0.35/B	Backlight grounding
18	0.35/R	Power supply of ambient lamp for rear right door interior trim panel
19	-	-
20	-	-
21	-	-
22	0.5/O	Rear right door lock locking
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.150 BD27 connector to rear left door harness

BD27 connector to rear left door harness	
Connector model: 1001204-1-1	
	

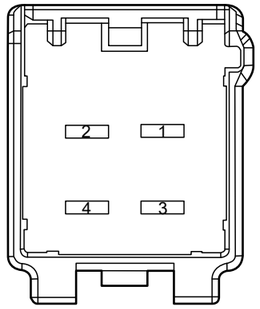
Terminal No.	Wire diameter/color	Feature description
1	1.0/W	Rear left door woofer-
2	2.0/R	Rear left door glass up
3	1.0/Y	Rear left door woofer+
4	2.0/B	Rear left door glass down
5	0.35/B	Rear left door grounding
6	-	-
7	-	-
8	0.75/Y	Rear left door lock unlocking
9	0.35/B	Grounding of ambient lamp for rear left door interior trim panel
10	0.5/O	Rear left door lock locking
11	0.35/N	Rear left door Ajar on/off signal
12	0.35/O	LIN-IN
13	0.35/S	Backlight power supply
14	0.35/O	Rear left glass lifter control
15	0.35/B	GND
16	-	-
17	-	-
18	0.35/S	LIN-OUT
19	0.35/R	Power supply of ambient lamp for rear left door interior trim panel
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.151 BD28 connector to chassis wiring harness I

BD28 connector to chassis wiring harness I	
Connector model: 1000867-1-1	
	

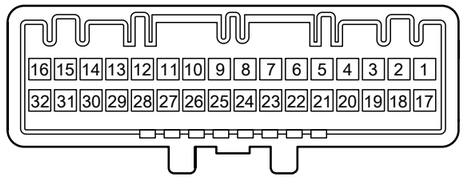
Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Rear left wheel speed sensor+
2	0.5/U	Rear left wheel speed sensor-
3	2.5/R	Motor-integrated rear left caliper+
4	2.5/B	Motor-integrated rear left caliper-

7.152 BD29 connector to chassis wiring harness II

BD29 connector to chassis wiring harness II	
Connector model: 1000867-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Rear right wheel speed sensor+
2	0.5/U	Rear right wheel speed sensor-
3	2.5/R	Motor-integrated rear right caliper+
4	2.5/B	Motor-integrated rear right caliper-

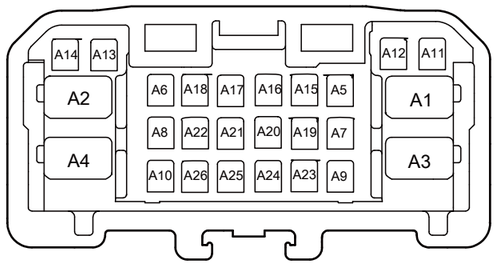
7.153 BD30 connector to rear bumper harness

BD30 connector to rear bumper harness	
Connector model: 1001169-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Reverse lamp power supply
2	0.35/R	IG1 power supply

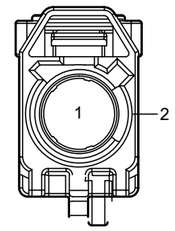
Terminal No.	Wire diameter/color	Feature description
3	0.35/U	Interior detection antenna+
4	0.35/Y	Interior detection antenna-
5	0.35/N	Front right center reversing radar signal
6	0.35/W	Front left center reversing radar signal
7	0.35/Y	Front left reversing radar signal
8	0.35/Y	Battery power supply
9	0.5/O	Rear fog lamp power supply
10	0.35/B	GND
11	0.35/W	ACANFD-H
12	0.35/G	ACANFD-L
13	0.5/B	GND
14	0.35/O	Front right reversing radar signal
15	0.35/W	ACANFD-H
16	0.35/G	ACANFD-L
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-

7.154 BD31 connector to trunk lug harness

BD31 connector to connector to trunk lug harness	
Connector model: 1000693-1-2	
	

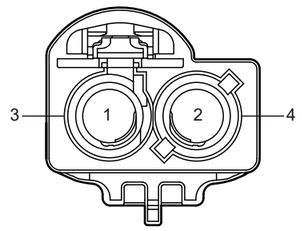
Terminal No.	Wire diameter/color	Feature description
A1	3.0/R	Rear defrosting power supply
A2	3.0/B	GND
A3	0.75/G	Liftgate lock motor -
A4	0.35/K	Liftgate lock full-locking signal
A5	0.35/P	Power supply of the license plate lamp
A6	0.75/W	Liftgate lock motor +
A7	0.5/G	Rear wiper reset
A8	0.5/W	Rear wiper power supply
A9	0.5/B	GND
A10	0.35/0	Liftgate lock reset signal
A11	-	-
A12	-	-
A13	0.35/B	GND
A14	-	-
A15	0.35/0	Liftgate locking switch signal
A16	0.35/N	High-mounted stop lamp power supply
A17	0.35/B	GND
A18	0.35/P	Trunk unlocking switch signal
A19	0.35/P	Liftgate lock half-locking signal
A20	0.35/R	Backlight power supply
A21	-	-
A22	0.35/Y	Buzzer power supply
A23	-	-
A24	-	-
A25	-	-
A26	-	-

7.151 BD32 connector to trunk lug harness

BD32 connector to trunk lug harness	
Connector model: 1000812-1-1	
	

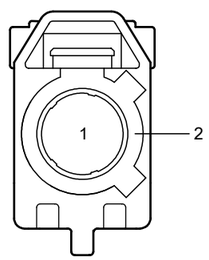
Terminal No.	Wire diameter/color	Feature description
1	-	Rear around view parking camera video signal
2	-	Shield ground of the rear around view parking camera

7.156 BD33 connector to trunk lug harness

BD33 connector to trunk lug harness	
Connector model: 1000758-3-1	
	

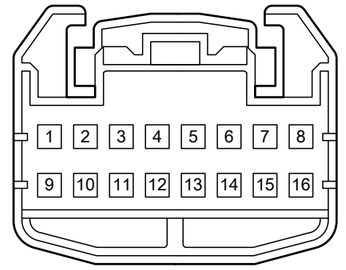
Terminal No.	Wire diameter/color	Feature description
1	-	DAB signal
2	-	DAB shield ground
3	-	FM signal
4	-	FM shield ground

7.157 BD35 connector to trunk lug harness

BD35 connector to trunk lug harness	
Connector model: 1000812-4-1	
	

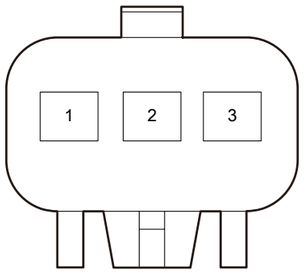
Terminal No.	Wire diameter/color	Feature description
1	-	AM/FM signal
2	-	AM/FM shield ground

7.158 BD36 connector to lane departure warning ECU

BD36 connector to lane departure warning ECU	
Connector model: 1000636-1-1	
	

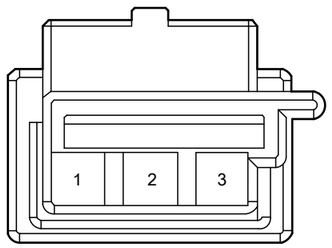
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Battery power supply
2	0.35/W	ACANFD-H
3	0.35/G	ACANFD-L
4	-	-
5	0.35/B	GND
6	-	-
7	-	BR_TRD+
8	-	BR_TRD-
9	-	-
10	0.35/W	Private_CAN-FD-H
11	0.35/Y	Private_CAN-FD-L
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-

7.159 BD39 connector to interior mirror

BD39 connector to interior mirror	
Connector model: 1000269-1-1	
	

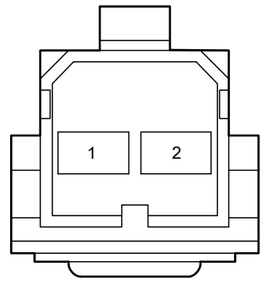
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
2	0.5/Y	Reverse signal
3	0.35/O	IG1 power supply

7.160 BD41 connector to RLS

BD41 connector to RLS	
Connector model: 1000042-1-2	
	

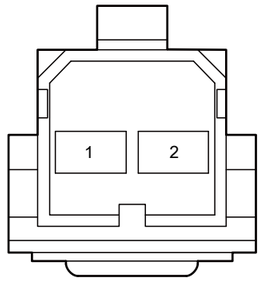
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	LIN
2	0.5/B	GND
3	0.5/Y	Battery power supply

7.161 BD45 connector to right makeup light

BD45 connector to right makeup light	
Connector model: 1000752-1-1	
	

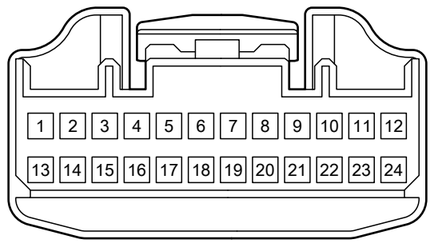
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/B	GND

7.162 BD46 connector to left makeup light

BD46 connector to left makeup light	
Connector model: 1000752-1-1	
	

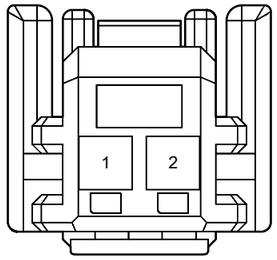
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/B	GND

7.163 BD47 connector to front headlights

BD47 connector to front headlights	
Connector model: 1000848-2-1	
	

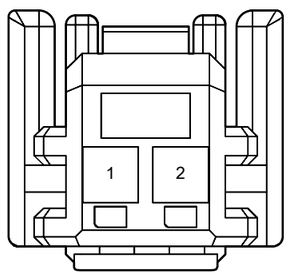
Terminal No.	Wire diameter/color	Feature description
1	0.35/K	Microphone 2 signal
2	0.35/BARE	Microphone 2 ground
3	0.35/O	Hazard warning lamp switch signal
4	0.35/BARE	Microphone 1 grounding
5	0.35/S	Microphone 1 power supply & signal
6	-	-
7	-	-
8	0.5/S	Backlight power supply
9	0.35/G	E-Call Indicator lamps
10	0.35/B	GND
11	0.35/S	Hazard warning switch indicator lamp
12	0.35/W	E-Call switch
13	0.35/B	GND
14	-	-
15	0.35/O	Door control signal
16	0.35/R	Power supply
17	0.35/K	Off signal 1
18	0.35/U	Off signal 2
19	0.35/P	Off signal grounding
20	0.35/O	Switch signal
21	0.35/S	Switch signal
22	0.35/N	Rear left headlight control
23	0.35/G	Rear right headlight control
24	-	-

7.164 BD48 connector to front right tweeter

BD48 connector to front right tweeter	
Connector model: 1000033-3-1	
	

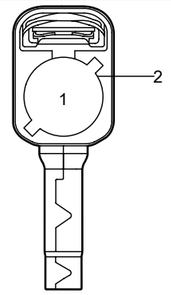
Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Front right tweeter-
2	0.75/N	Front right tweeter+

7.165 BD49 connector to left front tweeter

BD49 connector to left front tweeter	
Connector model: 1000033-3-1	
	

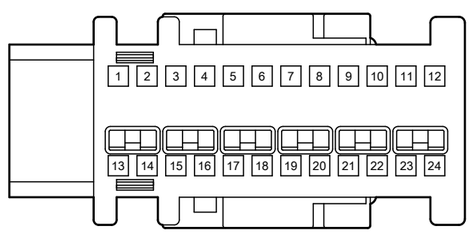
Terminal No.	Wire diameter/color	Feature description
1	0.75/S	Left front tweeter-
2	0.75/U	Left front tweeter+

7.166 BD50 connector to driver status monitoring camera

BD50 connector to driver status monitoring camera	
Connector model: 1000638-1-3	
	

Terminal No.	Wire diameter/color	Feature description
1	-	Video signal
2	-	Shield ground

7.167 BD51 connector to airbag electronic control unit 1

BD51 connector to airbag electronic control unit 1	
Connector model: 1900009-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/R	IG1 power supply
2	0.5/Y	Collision signal
3	0.35/U	Front center airbag+

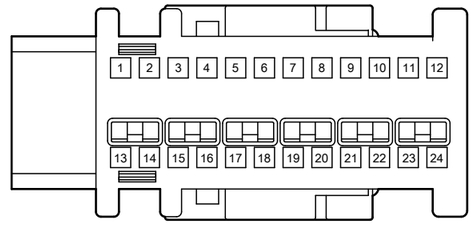
Terminal No.	Wire diameter/color	Feature description
4	0.35/N	Front center airbag-
5	-	-
6	0.35/O	Second row rear right seat belt buckle signal
7	0.35/U	Front left impact sensor-
8	0.35/K	Front left impact sensor+
9	0.35/Y	Front right impact sensor+
10	0.35/G	Front right impact sensor-
11	0.35/N	PCAN-L
12	0.35/U	PCAN-H
13	0.35/Y	Main driver seat belt buckle+
14	0.35/S	Front passenger seat belt buckle+
15	0.5/B	GND
16	0.35/O	Second row center seat belt buckle signal
17	0.35/G	Front right seat belt pretensioner-
18	0.35/N	Front right seat belt pretensioner+
19	0.35/O	Front left seat belt pretensioner+
20	0.35/U	Front left seat belt pretensioner-
21	0.35/Y	Front passenger airbag-
22	0.35/S	Front passenger airbag +
23	0.35/S	Main driver airbag+
24	0.35/N	Main driver airbag-

7.168 BD52 connector to airbag electronic control unit 2

BD52 connector to airbag electronic control unit 2

Connector model: 1900009-1-1

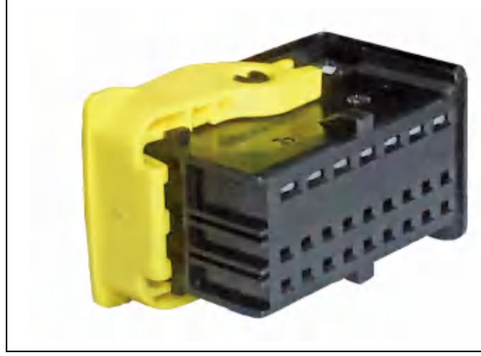
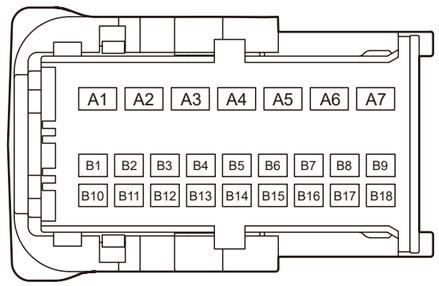




Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	0.35/N	Second row rear left seat belt buckle signal
5	-	-
6	-	-
7	-	-
8	-	-
9	0.35/Y	Pressure sensor+
10	0.35/G	Pressure sensor-
11	0.35/U	Pressure sensor-
12	0.35/W	Pressure sensor+
13	0.35/Y	Rear right seat belt pretensioner-
14	0.35/R	Rear right seat belt pretensioner+
15	0.35/W	Rear left seat belt pretensioner+
16	0.35/N	Rear left seat belt pretensioner-
17	0.35/G	Right side airbag-
18	0.35/Y	Right side airbag+
19	0.35/U	Left side airbag+
20	0.35/W	Left side airbag-

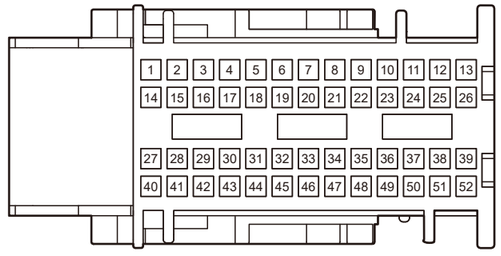
Terminal No.	Wire diameter/color	Feature description
21	0.35/O	Right side air curtain-
22	0.35/Y	Right side air curtain+
23	0.35/S	Left side air curtain+
24	0.35/W	Left side air curtain-

7.169 BD55 connector to integrated BCM 2

BD55 connector to integrated BCM 2	
Connector model: 1900004-1-1	
	

Terminal No.	Wire diameter/color	Feature description
A1	0.75/S	Charging inlet unlocking
A2	0.75/O	Charging inlet locking
A3	0.75/Y	Turn signal lamp power supply
A4	1.0/W	Battery power supply
A5	1.0/R	Light power supply 1
A6	0.5/R	Right low beam power supply
A7	1.0/B	GND
B1	0.35/G	Right daytime running lamp power supply
B2	0.35/W	Rear left position lamp power supply
B3	-	-
B4	0.35/U	Left turn signal lamp power supply
B5	0.35/U	Right turn signal lamp power supply
B6	0.5/S	Backlight power supply
B7	0.35/K	Rear right position lamp power supply
B8	0.35/P	Left daytime running lamp power supply
B9	0.35/O	Door control signal
B10	0.5/R	Left high beam power supply
B11	0.5/Y	Reverse lamp power supply
B12	0.35/O	Left brake light power supply
B13	0.5/O	Rear fog lamp power supply
B14	0.35/R	Energy saving power supply
B15	0.35/N	High-mounted stop lamp power supply
B16	-	-
B17	-	-
B18	0.5/K	Right high beam power supply

7.170 BD56 connector to integrated BCM 3

BD56 connector to integrated BCM 3	
Connector model: 1000750-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Hazard warning switch indicator lamp
2	-	-
3	-	-
4	0.35/Y	Front left position lamp power
5	0.35/P	Power supply of the license plate lamp
6	-	-

Terminal No.	Wire diameter/color	Feature description
7	-	-
8	-	-
9	0.35/G	Right brake light power supply
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	0.35/Y	Front right position lamp power
17	-	-
18	0.35/R	Trunk lamp output
19	-	-
20	0.35/O	ACC power supply
21	-	-
22	0.5/Y	Collision signal
23	-	-
24	-	-
25	0.35/N	ACC relay control
26	0.35/R	Ambient lamp power supply
27	-	-
28	-	-
29	0.35/G	LIN1
30	-	-
31	-	-
32	-	-
33	-	-
34	0.35/S	IG1 relay control
35	-	-
36	-	-
37	-	-
38	-	-
39	-	-
40	-	-

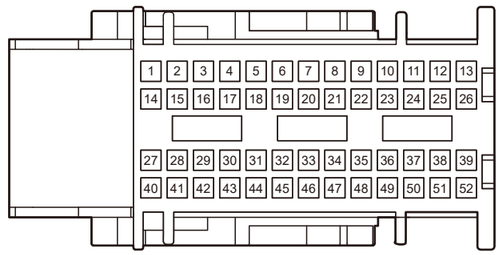
Terminal No.	Wire diameter/color	Feature description
41	0.35/G	BCAN-L
42	0.35/Y	BCAN-H
43	0.35/S	LIN2
44	-	-
45	-	-
46	-	-
47	-	-
48	-	-
49	-	-
50	0.35/K	MUTE
51	-	-
52	0.35/G	LIN3

7.171 BD57 connector to integrated BCM 4

BD57 connector to integrated BCM 4

Connector model: 1000750-2-1





Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Rear left seat passenger detection signal
2	-	-
3	-	-
4	-	-
5	0.35/G	Brake signal normally open
6	0.35/P	Liftgate lock half-locking signal
7	0.35/P	Rear turn signal lamp feedback

Terminal No.	Wire diameter/color	Feature description
8	-	-
9	0.35/P	Front right door lock status signal
10	-	-
11	0.35/K	Interior detection antenna 2-
12	0.35/Y	Interior detection antenna 4-
13	0.35/O	Front right door trim panel antenna-
14	0.35/Y	Passenger detection sensor signal
15	0.35/B	Rear right seat passenger detection signal
16	-	-
17	-	-
18	-	-
19	0.35/W	Rear right door Ajar on/off signal
20	0.35/P	Front left door lock status signal
21	-	-
22	0.35/N	Rear left door Ajar on/off signal
23	-	-
24	0.35/W	Interior search antenna 2+
25	0.35/U	Interior detection antenna 4+
26	0.35/G	Front right door trim panel antenna+
27	0.35/K	Front headlight off signal 1
28	-	-
29	0.35/P	Trunk unlocking switch signal
30	-	-
31	0.35/P	Front headlight off signal grounding
32	-	-
33	0.35/G	Main driver off-position signal
34	0.35/N	Rear center seat passenger detection signal
35	0.35/Y	Front left door Ajar on/off signal
36	-	-
37	-	-
38	0.35/G	Front left door trim panel antenna+
39	0.35/S	Interior detection antenna3+

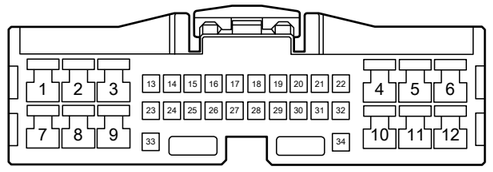
Terminal No.	Wire diameter/color	Feature description
40	0.35/U	Front headlight off signal 2
41	-	-
42	-	-
43	0.35/N	Front left door locking/unlocking
44	0.35/Y	Front right door locking/unlocking
45	-	-
46	-	-
47	0.35/K	Front right door Ajar on/off signal
48	0.5/G	Rear wiper reset
49	-	-
50	-	-
51	0.35/P	Front left door trim panel antenna-
52	0.35/N	车内探测天线3–

7.172 BD58 connector to front passenger seat

BD58 connector to front passenger seat

Connector model: 1000443-1-1

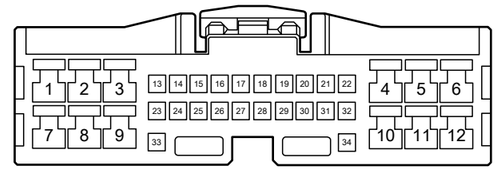




Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Battery power supply
2	2.0/B	GND
3	2.0/R	Battery power supply
4	2.0/B	GND
5	0.5/G	Main driver heating cushion power supply

Terminal No.	Wire diameter/color	Feature description
6	1.0/B	Main driver heating cushion grouding
7	1.0/R	Main driver lift motor power supply
8	1.0/W	Main driver lift motor grounding
9	1.0/O	Main driver back motor power supply
10	1.0/B	Main driver back motor grounding
11	1.0/Y	Main driver slide rail motor power supply
12	1.0/W	Main driver slide rail motor grounding
13	0.5/R	Battery power supply
14	0.5/R	Battery power supply
15	0.5/B	GND
16	0.35/Y	BCAN-H
17	0.35/G	BCAN-L
18	0.35/Y	Hall sensor signal for main driver slide rail motor
19	0.35/O	IG1 power supply
20	0.35/W	Hall sensor signal for main driver back motor
21	0.35/G	Hall sensor signal for main driver lift motor
22	0.35/G	LIN5
23	0.35/G	Main driver fan power supply
24	0.35/B	Main driver fan grounding
25	0.35/K	Main driver fan PWM signal
26	0.35/O	Main driver heating cushion NTC power supply
27	0.35/N	Main driver heating cushion NTC grouding
28	0.35/G	Main driver slide rail motor adjusting switch
29	0.35/K	Main driver back motor adjusting switch
30	0.35/N	Main driver lift motor adjusting switch
31	0.35/B	GND
32	0.35/Y	Passenger detection sensor signal
33	0.35/S	Front passenger seat belt buckle+
34	0.35/B	GND

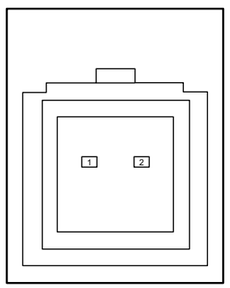
7.173 BD59 connector to main driver seat

BD59 connector to main driver seat	
Connector model: 1000443-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	1.0/O	Main driver back motor power supply
4	1.0/B	Main driver back motor grounding
5	1.0/Y	Main driver slide rail motor power supply
6	1.0/W	Main driver slide rail motor grounding
7	0.5/G	Main driver heating cushion power supply
8	1.0/B	Main driver heating cushion grouding
9	1.0/R	Main driver lift motor power supply
10	1.0/W	Main driver lift motor grounding
11	-	-
12	-	-
13	0.35/O	Main driver heating cushion NTC power supply
14	0.35/N	Main driver heating cushion NTC grouding
15	0.35/G	Main driver fan power supply
16	0.35/B	Main driver fan grounding
17	0.35/K	Main driver fan PWM signal
18	0.35/G	Hall sensor signal for main driver lift motor
19	0.35/B	GND
20	0.35/W	Hall sensor signal for main driver back motor

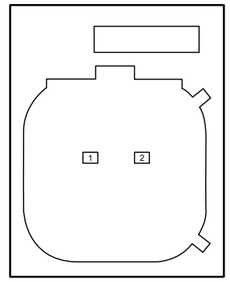
Terminal No.	Wire diameter/color	Feature description
21	0.35/Y	Hall sensor signal for main driver slide rail motor
22	0.35/B	GND
23	0.35/Y	Main driver seat belt buckle+
24	0.22/G	Main driver off-position signal
25	0.22/B	GND
26	-	
27	0.35/G	Main driver slide rail motor adjusting switch
28	0.35/K	Main driver back motor adjusting switch
29	0.35/N	Main driver lift motor adjusting switch
30	0.35/B	GND
31	0.35/B	GND
32	0.5/R	Battery power supply
33	0.35/O	IG1 power supply
34	0.35/G	LIN5

7.173 BD64 connector to right side airbag

BD64 connector to right side airbag	
Connector model: 1000425-1-2	
	

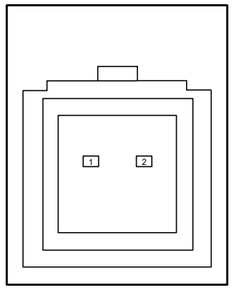
Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	Right side airbag+
2	0.35/G	Right side airbag-

7.175 BD65 connector to front center airbag

BD65 connector to front center airbag	
Connector model: 1000425-3-1	
	

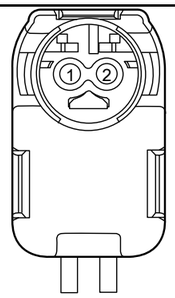
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	Front center airbag+
2	0.35/N	Front center airbag-

7.176 BD66 connector to left side airbag

BD66 connector to left side airbag	
Connector model: 1000425-1-2	
	

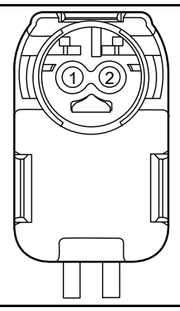
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	Left side airbag+
2	0.35/W	Left side airbag-

7.177 BD77 connector to right front seat belt pretensioner

BD77 connector to right front seat belt pretensioner	
Connector model: 1001000-3-1	
	

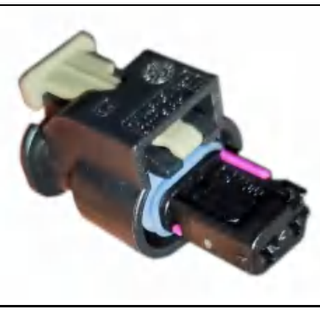
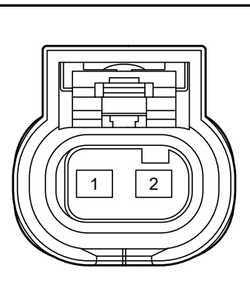
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Right front seat belt pretensioner+
2	0.35/G	Right front seat belt pretensioner-

7.178 BD78 connector to left front seat belt pretensioner

BD78 connector to left front seat belt pretensioner	
Connector model: 1001000-3-1	
	

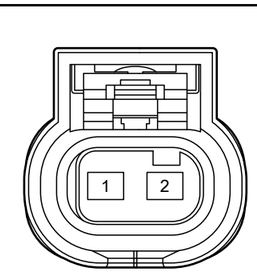
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Left front seat belt pretensioner+
2	0.35/U	Left front seat belt pretensioner-

7.179 BD79 connector to right B pillar side impact sensor

BD79 connector to right B pillar side impact sensor	
Connector model: 1000188-5-1	
	

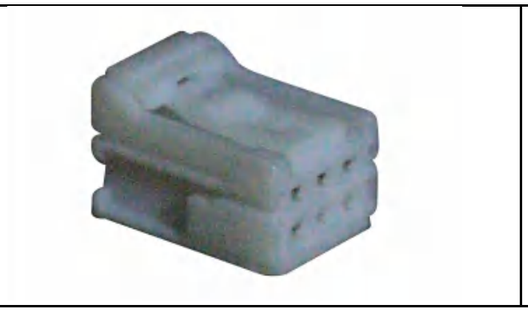
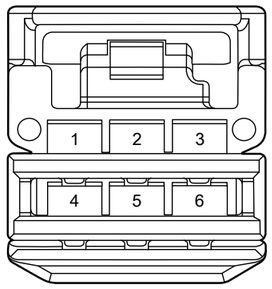
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Right B pillar side impact sensor-
2	0.35/Y	Right B pillar side impact sensor+

7.180 BD80 connector to left B pillar side impact sensor

BD80 connector to left B pillar side impact sensor	
Connector model: 1000188-5-1	
	

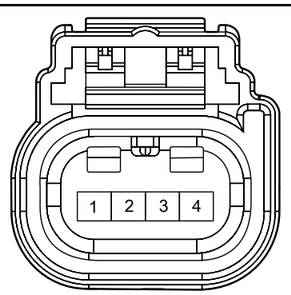
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	Left B pillar side impact sensor-
2	0.35/W	Left B pillar side impact sensor+

7.181 BD81 connector to rear seat

BD81 connector to rear seat	
Connector model: 1000615-1-1	
	

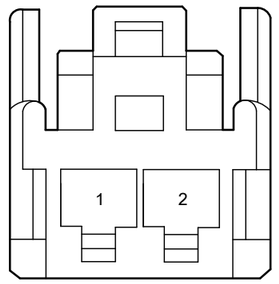
Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Left seat passenger detection signal
2	0.35/N	Center seat passenger detection signal
3	0.35/B	Right seat passenger detection signal
4	0.35/B	GND
5	-	-
6	-	-

7.182 BD82 connector to interior detection antenna 3

BD82 connector to interior detection antenna 3	
Connector model: 1000032-1-2	
	

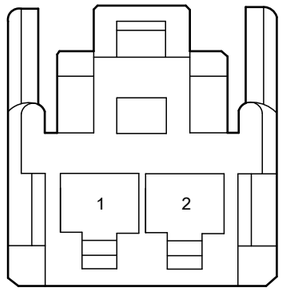
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.35/S	Antenna+
4	0.35/N	Antenna-

7.183 BD83 connector to second row right rear seat belt buckle

BD83 connector to second row right rear seat belt buckle	
Connector model: 1000195-1-1	
	

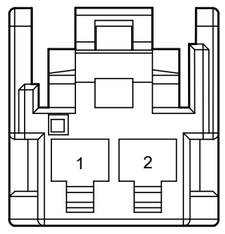
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Second row right rear seat belt buckle signal
2	0.35/B	GND

7.184 BD84 connector to second row left rear seat belt buckle

BD84 connector to second row left rear seat belt buckle	
Connector model: 1000195-1-1	
	

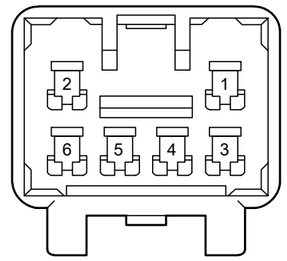
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Second row left rear seat belt buckle signal
2	0.35/B	GND

7.185 BD85 connector to second row center seat belt buckle

BD85 connector to second row center seat belt buckle	
Connector model: 1000473-1-1	
	

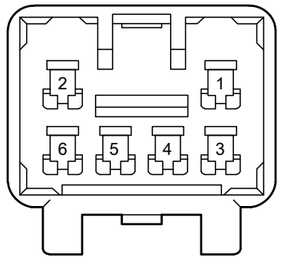
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Second row center seat belt buckle signal
2	0.35/B	GND

7.186 BD86 connector to right rear combination lamp

BD86 connector to right rear combination lamp	
Connector model: 1000415-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Right brake light power supply
2	0.35/P	Rear turn signal lamp feedback
3	0.35/U	Right turn signal lamp power supply
4	0.5/B	GND
5	-	-
6	0.35/K	Right rear position lamp power supply

7.187 BD87 connector to left rear combination lamp

BD87 connector to left rear combination lamp	
Connector model: 1000415-2-1	
	

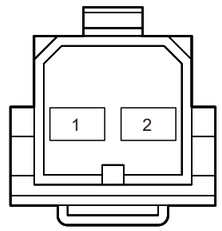
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Left brake light power supply
2	0.35/P	Rear turn signal lamp feedback
3	0.35/U	Left turn signal lamp power supply
4	0.5/B	GND
5	-	-
6	0.35/W	Left rear position lamp power supply

7.188 BD88 connector to trunk lamp

BD88 connector to trunk lamp

Connector model: 1000222-3-1





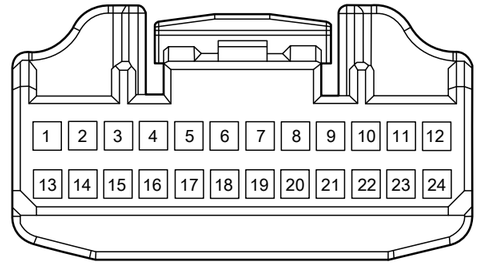
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
2	0.35/R	Trunk lamp output

7.189 BD89 connector to PLG module 1

BD89 connector to PLG module 1

Connector model: 1000848-1-2

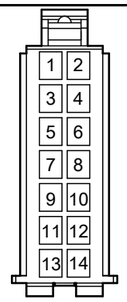




Terminal No.	Wire diameter/color	Feature description
1	0.35/O	PLG right drive rod Hall signal 1
2	-	-
3	0.35/Y	BCAN-H
4	0.35/G	BCAN-L
5	-	-
6	-	-
7	-	-
8	-	-
9	0.35/P	Liftgate lock half-locking signal
10	-	-
11	-	-
12	-	-
13	0.35/N	Battery power supply
14	0.35/B	PLG right drive rod Hall signal grounding
15	0.35/Y	Buzzer power supply
16	0.35/O	Liftgate lock reset signal
17	-	-
18	0.35R	PLG right drive rod Hall signal power supply
19	0.35/O	Liftgate locking switch signal
20	-	-
21	0.35/K	Liftgate lock full-locking signal

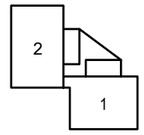
Terminal No.	Wire diameter/color	Feature description
22	0.22/W	PLG right drive rod hall signal 2
23	0.22/B	Signal ground
24	-	-

7.190 BD90 connector to PLG module 2

BD90 connector to PLG module 2	
Connector model: 1000295-1-1	
	

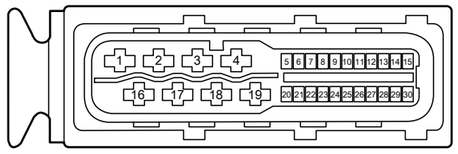
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.75/G	Liftgate lock motor-
3	2.5/R	Battery power supply
4	0.75/W	Liftgate lock motor+
5	-	-
6	-	-
7	-	-
8	-	-
9	-	
10	2.5/B	GND
11	2.5/B	Power liftgate drive rod motor-
12	-	-
13	2.5/R	Power liftgate drive rod motor+
14	-	-

7.191 BD91 connector to trunk 12V power supply

BD91 connector to trunk 12V power supply	
Connector model: 1000694-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	1.0/B	GND
2	0.75/G	ACC power supply

7.192 BD92 connector to EPB control unit

BD92 connector to EPB control unit	
Connector model: 1900001-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Battery power supply 1
2	2.5/R	Motor-integrated left rear caliper+
3	2.5/O	Battery power supply 2

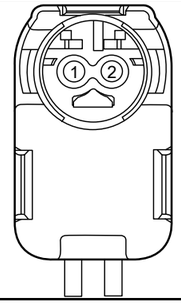
Terminal No.	Wire diameter/color	Feature description
4	2.5/R	Motor-integrated right rear caliper+
5	0.35/S	IG1 power supply 2
6	0.35/O	SW1
7	0.35/N	SW4
8	-	-
9	0.35/N	PCAN-L
10	0.35/U	PCAN-H
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	2.5/B	GND 1
17	2.5/B	Motor-integrated left rear caliper-
18	2.5/B	GND 2
19	2.5/B	Motor-integrated right rear caliper-
20	-	-
21	-	-
22	-	-
23	-	-
24	0.35/S	IG1 power supply 1
25	-	-
26	-	-
27	0.35/K	SW2
28	0.35/W	SW3
29	0.35/G	ACANFD-L
30	0.35/W	ACANFD-H

7.193 BD93 connector to right rear seat belt pretensioner

BD93 connector to right rear seat belt pretensioner

Connector model: 1001000-3-1





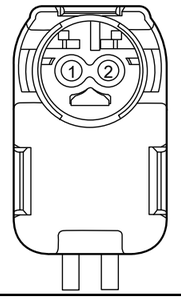
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Right rear seat belt pretensioner+
2	0.35/Y	Right rear seat belt pretensioner-

7.194 BD94 connector to left rear seat belt pretensioner

BD94 connector to left rear seat belt pretensioner

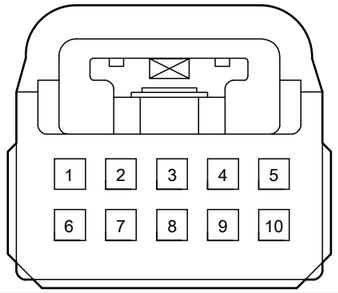
Connector model: 1001000-3-1





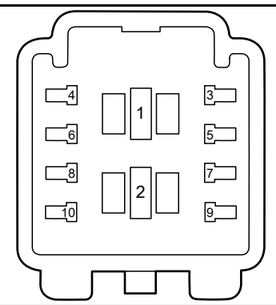
Terminal No.	Wire diameter/color	Feature description
1	0.35/W	Left rear seat belt pretensioner+
2	0.35/N	Left rear seat belt pretensioner-

7.195 BD95 connector to electric sunshade

BD95 connector to electric sunshade	
Connector model: 1000096-2-1	
	

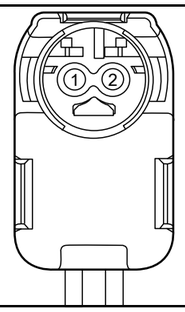
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.35/G	LIN1
4	-	-
5	1.0/R	Battery power supply
6	1.0/B	GND
7	-	-
8	-	-
9	-	-
10	-	-

7.196 BD96 connector to PLG drive rod

BD96 connector to PLG drive rod	
Connector model: 1000456-1-1	
	

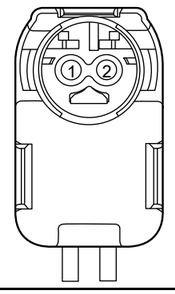
Terminal No.	Wire diameter/color	Feature description
1	2.5/B	Support rod motor-
2	2.5/R	Support rod motor+
3	0.35/W	Hall signal 2
4	0.35/B	Hall signal grounding
5	-	-
6	-	-
7	-	-
8	-	-
9	0.35/O	Hall signal 1
10	0.35/R	Hall signal power supply

7.197 BD97 connector to right side air curtain

BD97 connector to right side air curtain	
Connector model: 1001000-3-1	
	

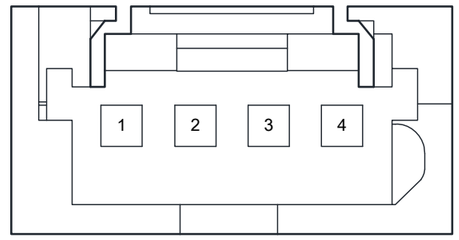
Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	Right side air curtain+
2	0.35/O	Right side air curtain-

7.198 BD98 connector to left side air curtain

BD98 connector to left side air curtain	
Connector model: 1001000-3-1	
	

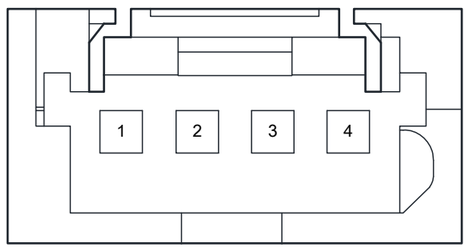
Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Left side air curtain+
2	0.35/W	Left side air curtain-

7.199 BD99 connector to right rear headlight

BD99 connector to right rear headlight	
Connector model: 1000482-1-1	
	

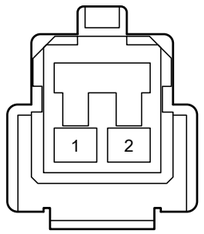
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/G	Right rear headlight control
3	0.35/B	GND
4	0.35/S	Switch signal

7.200 BD100 connector to left rear headlight

BD100 connector to left rear headlight	
Connector model: 1000482-1-1	
	

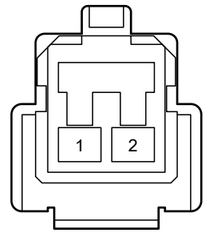
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/N	Left rear headlight control
3	0.35/B	GND
4	0.35/O	Switch signal

7.201 BD101 connector to right rear microphone

BD101 connector to right rear microphone	
Connector model: 1001159-1-1	
	

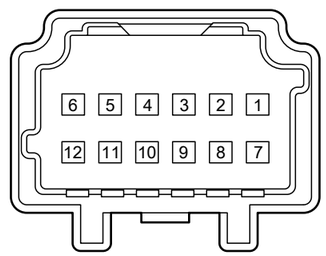
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Microphone signal
2	0.35/BARE	Microphone grounding

7.202 BD102 connector to rear left microphone

BD102 connector to rear left microphone	
Connector model: 1001159-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Microphone signal
2	0.35/BARE	Microphone grounding

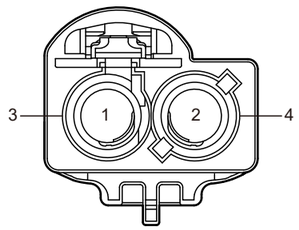
7.203 BD107 connector to rear bumper harness

BD107 connector to rear bumper harness	
Connector model: 1001166-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Left front center/right front center/front left/ front right RPA sensor ground
2	0.35/R	Left front center/right front center/front left/front right RPA sensor power supply
3	0.35/W	ACANFD_H
4	0.35/G	ACANFD_L

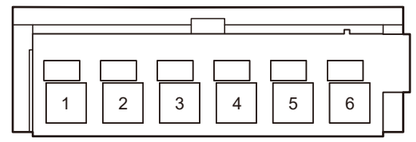
Terminal No.	Wire diameter/color	Feature description
5	0.35/B	GND
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-

7.204 BD109 connector to instrument panel harness

BD109 connector to instrument panel harness	
Connector model: 1000758-3-1	
	

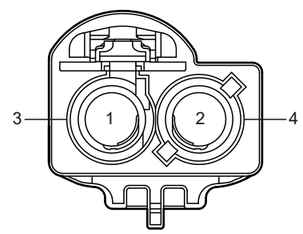
Terminal No.	Wire diameter/color	Feature description
1	-	DAB signal
2	-	DAB shield ground
3	-	FM signal
4	-	FM shield ground

7.205 BD110 connector to RF receiver module

BD110 connector to RF receiver module	
Connector model: 1000068-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/G	LIN
2	0.35/B	GND
3	-	-
4	-	-
5	-	-
6	0.35/N	Battery power supply

7.206 BD112 connector to GPS antenna 2

BD112 connector to GPS antenna 2	
Connector model: 1000758-3-1	
	

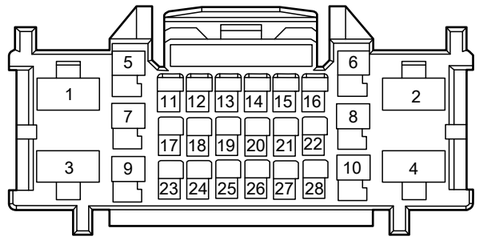
Terminal No.	Wire diameter/color	Feature description
1	-	Antenna 1 signal
2	-	Antenna 2 signal
3	-	Antenna 1 shield ground
4	-	Antenna 2 shield ground

7.207 CN01 connector to body harness

CN01 connector to body harness

Connector model: 1001204-1-1





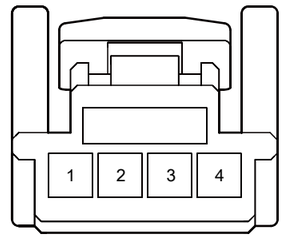
Terminal No.	Wire diameter/color	Feature description
1	0.5/W	ACC power supply
2	0.75/B	USB charger grounding
3	-	-
4	-	-
5	-	-
6	-	-
7	0.5/B	GND
8	-	-
9	-	-
10	-	-
11	0.5/G	Battery power supply
12	0.5/K	Car refrigerator module power supply
13	0.35/W	Interior detection antenna 2 antenna+
14	0.35/K	Interior detection antenna 2 antenna-
15	-	-
16	0.35/Y	BCAN-H
17	0.35/G	BCAN-L
18	0.35/Y	BCAN-H
19	0.35/G	BCAN-L
20	0.35/S	LIN-IN
21	0.35/K	MUTE
22	-	-
23	0.35/B	GND
24	0.35/Y	LIN1
25	0.35/R	Ambient lamp power supply
26	0.35/O	LIN-OUT
27	-	-
28	-	-

7.208 CN02 connector to sub-instrument panel ambient lamp

CN02 connector to sub-instrument panel ambient lamp

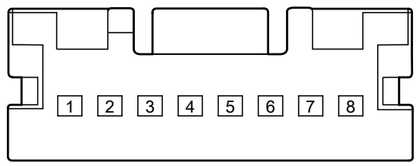
Connector model: 1000034-3-1





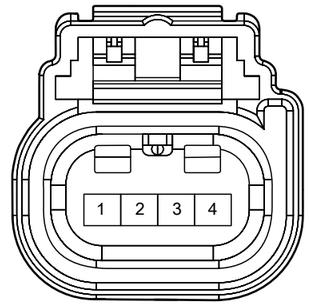
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/O	LIN-IN
3	0.35/S	LIN-OUT
4	0.35/B	GND

7.209 CN03 connector to WCM for mobile phone

CN03 connector to WCM for mobile phone	
Connector model: 1000485-1-1	
	

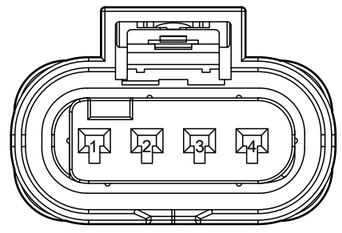
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Battery power supply
2	0.35/G	Battery power supply
3	0.35/B	GND
4	0.35/K	MUTE
5	-	-
6	0.35/G	BCAN-L
7	0.35/Y	BCAN-H
8	0.35/B	GND

7.210 CN04 connector to interior detection antenna 2

CN04 connector to interior detection antenna 2	
Connector model: 1000032-1-2	
	

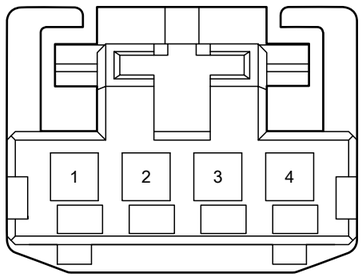
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.35/W	Antenna+
4	0.35/K	Antenna-

7.211 CN05 connector to car refrigerator module

CN05 connector to car refrigerator module	
Connector model: 1000612-2-1	
	

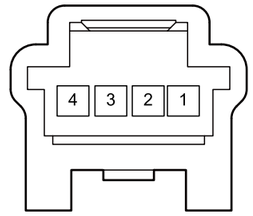
Terminal No.	Wire diameter/color	Feature description
1	0.5/K	Power supply
2	0.5/B	GND
3	0.5/W	ACC power supply
4	0.35/Y	LIN

7.212 CN06 connector to USB charger

CN06 connector to USB charger	
Connector model: 1000559-2-1	
	

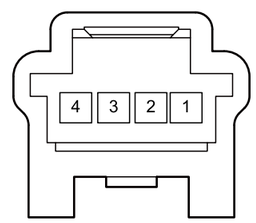
Terminal No.	Wire diameter/color	Feature description
1	0.5/W	ACC power supply
2	-	-
3	-	-
4	0.75/B	GND

7.213 CN07 connector to sub-instrument panel ambient lamp

CN07 connector to sub-instrument panel ambient lamp	
Connector model: 1000260-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/S	LIN-IN
3	0.35/O	LIN-OUT
4	0.35/B	GND

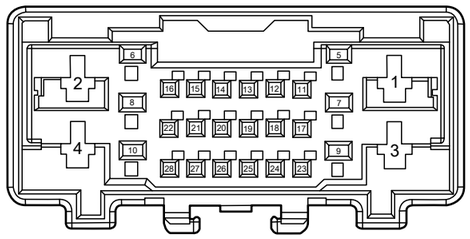
7.214 CN08 connector to sub-instrument panel ambient lamp

CN08 connector to sub-instrument panel ambient lamp	
Connector model: 1000260-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/O	LIN-IN

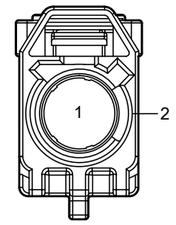
Terminal No.	Wire diameter/color	Feature description
3	0.35/S	LIN-OUT
4	0.35/B	GND

7.215 FL01 connector to body harness

FL01 connector to body harness	
Connector model: 1001203-1-1	
	

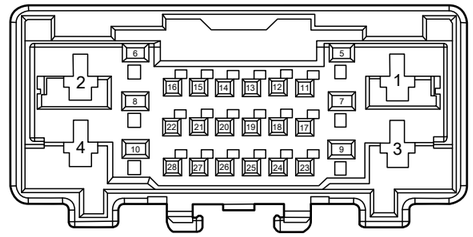
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Rear left door glass up
2	2.0/B	Rear left door glass down
3	2.0/B	GND
4	0.75/S	Front left door unlocking signal
5	0.35/G	Front left door trim panel antenna+
6	0.75/S	Front left door midrange loudspeaker-
7	0.35/P	Front left door trim panel antenna-
8	0.75/U	Front left door midrange loudspeaker+
9	-	-
10	0.35/S	LIN-IN
11	-	-
12	-	-
13	-	-
14	0.35/B	Rear left door glass lifter switch backlight grounding
15	0.35/P	Front left door lock status signal
16	0.35/Y	Front left door Ajar on/off signal
17	-	-
18	0.35/O	Rear left glass lifter control
19	0.5/O	Front left door lock locking
20	0.5/N	Front left door locking/unlocking
21	0.35/S	Rear left door glass lifter switch backlight power supply
22	0.5/B	GND
23	0.35/Y	BCAN-H
24	0.35/G	BCAN-L
25	0.35/Y	Front left door pressure sensor+
26	0.35/G	Front left door pressure sensor-
27	0.35/B	GND
28	-	-

7.216 FL03 connector to instrument panel harness

FL03 connector to instrument panel harness	
Connector model: 1000812-1-1	
	

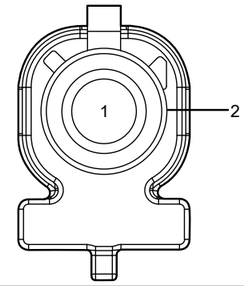
Terminal No.	Wire diameter/color	Feature description
1	-	Left around view parking camera video signal
2	-	Shield ground of the left around view parking camera

7.217 FL04 connector to instrument panel harness

FL04 connector to instrument panel harness	
Connector model: 1001203-2-1	
	

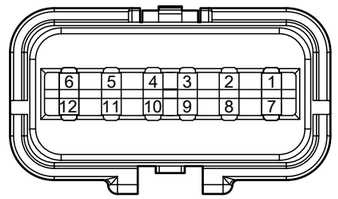
Terminal No.	Wire diameter/color	Feature description
1	1.0/W	Front left door woofer-
2	2.0/R	Battery power supply
3	1.0/G	Front left door woofer+
4	-	-
5	0.75/S	Front left door midrange loudspeaker-
6	-	-
7	0.75/U	Front left door midrange loudspeaker+
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	-	-
14	-	-
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	0.35/R	Front left door ambient lamp power supply
21	-	-
22	-	-
23	-	-
24	-	-
25	0.35/Y	Front left door rearview mirror heating power supply
26	-	-
27	-	-
28	-	-

7.218 FL05 connector to left around view parking camera

FL05 connector to left around view parking camera	
Connector model: 1001073-1-1	
	

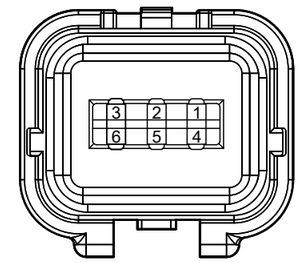
Terminal No.	Wire diameter/color	Feature description
1	-	Video signal
2	-	Shield ground

7.219 FL06 connector to left front door rearview mirror 1

FL06 connector to left front door rearview mirror 1	
Connector model: 1000300-1-1	
	

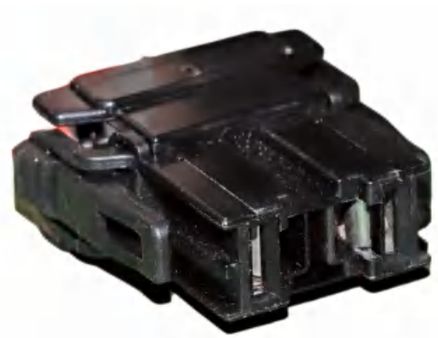
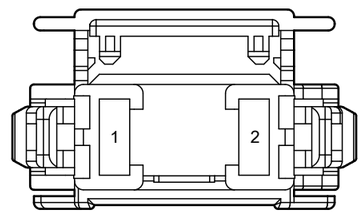
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Left exterior mirror horizontal adjustment
2	0.35/S	Left exterior mirror vertical adjustment
3	0.35/U	Left exterior mirror-common
4	0.5/W	Rearview mirror unfolding
5	0.35/U	Rearview mirror folding
6	0.35/B	GND
7	0.35/Y	Left turn signal lamp power supply
8	0.35/Y	Left front door rearview mirror heating power supply
9	0.35/K	Sensor Power Supply
10	0.35/K	Horizontal signal
11	0.35/N	Vertical signal
12	0.35/P	GND

7.220 FL07 connector to left front door rearview mirror 2

FL07 connector to left front door rearview mirror 2	
Connector model: 1000299-1-1	
	

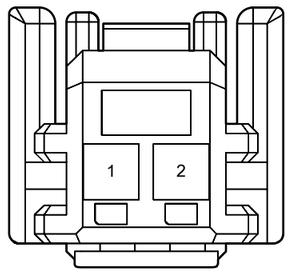
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	BSD indicator lamp+
2	0.35/B	BSD indicator lamp-
3	-	-
4	-	-
5	-	-
6	-	-

7.221 FL09 connector to front left door woofer

FL09 connector to front left door woofer	
Connector model: 1000009-1-2	
	

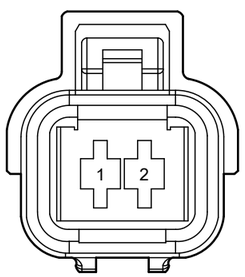
Terminal No.	Wire diameter/color	Feature description
1	1.0/W	Front left door woofer-
2	1.0/G	Front left door woofer+

7.222 FL10 connector to front left door midrange loudspeaker

FL10 connector to front left door midrange loudspeaker	
Connector model: 1000033-3-1	
	

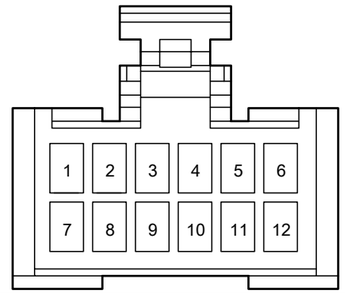
Terminal No.	Wire diameter/color	Feature description
1	0.75/S	Left front door midrange loudspeaker-
2	0.75/U	Left front door midrange loudspeaker+

7.223 FL11 connector to left front door glass lifter motor

FL11 connector to left front door glass lifter motor	
Connector model: 1000172-4-1	
	

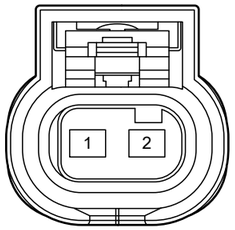
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Up
2	2.0/B	Down

7.224 FL12 connector to left front door cluster switch

FL12 connector to left front door cluster switch	
Connector model: 1000160-2-1	
	

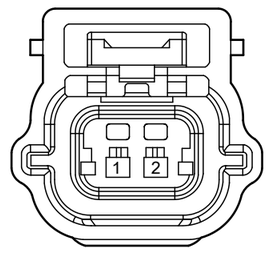
Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Backlight power supply
2	-	-
3	0.35/S	Glass lifter locking indicator lamp
4	0.35/P	Left front glass lifter control
5	0.35/Y	Locking signal
6	0.35/G	Left rear glass lifter control
7	0.35/U	Unlocking signal
8	0.35/O	Right front glass lifter control
9	-	-
10	0.35/G	Glass lifter locking switch
11	0.35/U	Right rear glass lifter control
12	0.35/B	GND

7.225 FL13 connector to left front door pressure sensor

FL13 connector to left front door pressure sensor	
Connector model: 1000188-5-1	
	

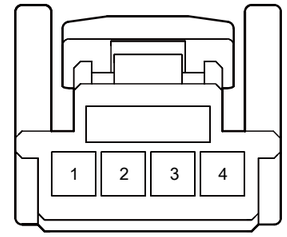
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Left front door pressure sensor-
2	0.35/Y	Left front door pressure sensor+

7.226 FL14 connector to left front door trim antenna

FL14 connector to left front door trim antenna	
Connector model: 1000240-2-1	
	

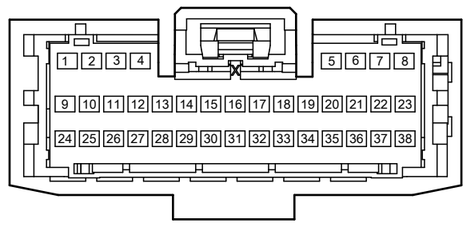
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Antenna+
2	0.35/P	Antenna-

7.227 FL15 connector to left front door ambient lamp

FL15 connector to left front door ambient lamp	
Connector model: 1000034-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/S	GND
3	-	-
4	0.35/B	LIN-IN

7.228 FL16 connector to front left door control module (FLDCM) 1

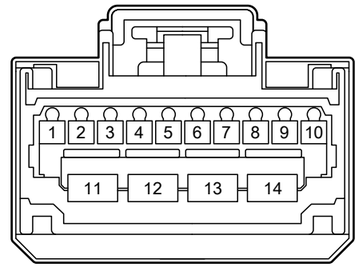
FL16 connector to front left door control module (FLDCM) 1	
Connector model: 1000590-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-

Terminal No.	Wire diameter/color	Feature description
3	-	-
4	0.35/K	Sensor Power Supply
5	0.35/P	Front left glass lifter control
6	-	-
7	-	-
8	-	-
9	-	-
10	0.35/U	Front left door cluster switch unlocking signal
11	-	-
12	0.35/Y	Front left door cluster switch locking signal
13	0.35/S	Backlight power supply
14	-	-
15	0.35/S	Glass lifter locking indicator lamp
16	0.35/O	Front right glass lifter control
17	0.35/O	Rear left glass lifter control
18	0.35/U	Rear right glass lifter control
19	0.35/G	Rear left glass lifter control
20	-	-
21	-	-
22	-	-
23	0.35/G	Glass lifter locking switch
24	0.35/Y	Left turn signal lamp
25	-	-
26	0.35/U	Left BSD indicator lamp+
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-
33	0.35/B	GND
34	-	-
35	0.35/B	Backlight grounding

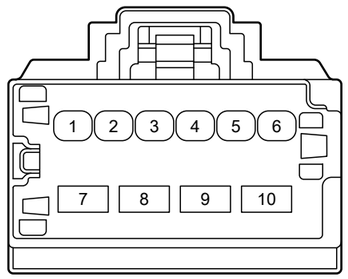
Terminal No.	Wire diameter/color	Feature description
36	-	-
37	0.35/N	Left exterior mirror vertical signal
38	0.35/K	Left exterior mirror horizontal signal

7.229 FL17 connector to front left door control module (FLDCM) 2

FL17 connector to front left door control module (FLDCM) 2	
Connector model: 1000571-2-1	
	

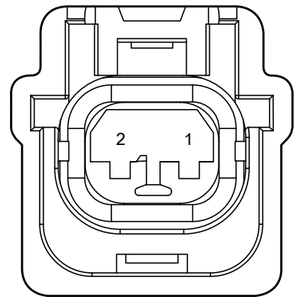
Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Left exterior mirror vertical adjustment
2	0.35/O	Left exterior mirror horizontal adjustment
3	-	-
4	0.35/U	Left exterior mirror - common
5	-	
6	-	-
7	-	-
8	-	-
9	0.35/Y	BCAN-H
10	0.35/G	BCAN-L
11	2.0/B	Front left door glass down
12	2.0/B	GND
13	2.0/R	Front left door glass up
14	0.35/P	GND

7.230 FL18 connector to front left door control module (FLDCM) 3

FL18 connector to front left door control module (FLDCM) 3	
Connector model: 1000339-2-1	
	

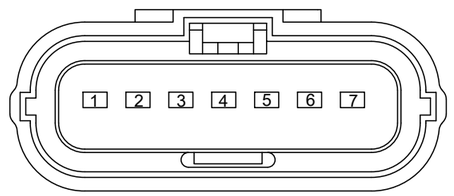
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.5/W	Left exterior mirror unfolding
4	0.35/U	Left exterior mirror folding
5	-	-
6	-	-
7	2.0/R	Battery power supply
8	2.0/B	GND
9	2.0/B	Rear left door glass down
10	2.0/R	Rear left door glass up

7.231 FL20 connector to front left door outer handle 2

FL20 connector to front left door outer handle 2	
Connector model: 1001074-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/N	Front left door locking/unlocking
2	0.5/B	GND

7.232 FL21 connector to front left door lock

FL21 connector to front left door lock	
Connector model: 1000751-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	Front left door Ajar on/off signal
2	0.35/P	Status signal
3	0.35/B	GND

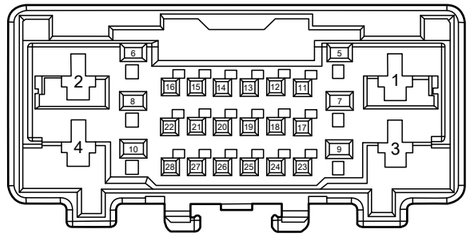
Terminal No.	Wire diameter/color	Feature description
4	-	-
5	0.5/O	Locking
6	-	-
7	0.75/S	Unlocking

7.233 FR01 connector to body harness 1

FR01 connector to body harness 1

Connector model: 1001203-2-1





Terminal No.	Wire diameter/color	Feature description
1	1.0/G	Front right door woofer-
2	2.0/R	Battery power supply
3	1.0/O	Front right door woofer+
4	0.35/B	GND
5	0.75/Y	Front right door midrange loudspeaker-
6	0.35/B	GND
7	0.75/N	Front right door midrange loudspeaker+
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	0.35/Y	Front right door rearview mirror heating power supply
14	-	-

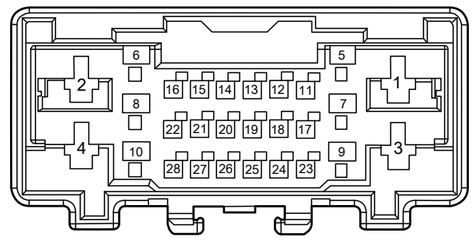
Terminal No.	Wire diameter/color	Feature description
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.234 FR02 connector to body harness 2

FR02 connector to body harness 2

Connector model: 1001203-1-1





Terminal No.	Wire diameter/color	Feature description
1	2.0/B	Rear right door glass down
2	2.0/R	Rear right door glass lifter UP
3	-	-
4	2.0/B	GND
5	-	-

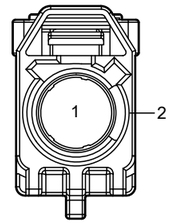
Terminal No.	Wire diameter/color	Feature description
6	-	-
7	0.35/O	LIN-IN
8	0.35/K	Front right door Ajar on/off signal
9	0.75/Y	Front right door lock/unlocking
10	0.35/P	Front right door lock status signal
11	0.35/S	LIN-OUT
12	0.35/S	Backlight power supply
13	-	-
14	0.35/R	Front right door ambient lamp power supply
15	0.35/O	Rear right glass lifter control
16	0.35/B	GND
17	0.35/G	Front right door trim panel antenna+
18	0.35/O	Front right door trim panel antenna-
19	0.5/B	GND
20	0.5/O	Front right door lock/locking
21	0.35/Y	BCAN-H
22	0.35/G	BCAN-L
23	0.35/W	Front right door pressure sensor+
24	0.35/U	Front right door pressure sensor-
25	0.5/Y	Front right door locking/unlocking
26	-	-
27	-	-
28	-	-

7.235 FR04 connector to instrument panel harness

FR04 connector to instrument panel harness

Connector model: 1000812-1-1





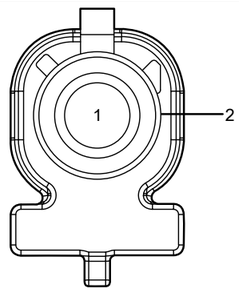
Terminal No.	Wire diameter/color	Feature description
1	-	Right around view parking camera video signal
2	-	Shield ground of the right around view parking camera

7.236 FR05 connector to right around view parking camera

FR05 connector to right around view parking camera

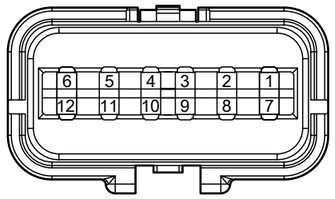
Connector model: 1001073-1-1





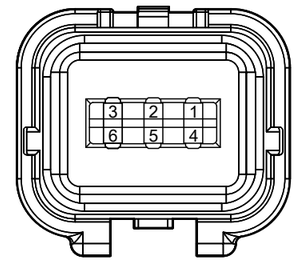
Terminal No.	Wire diameter/color	Feature description
1	-	Right around view parking camera
2	-	Shield ground

7.237 FR06 connector to right front door rearview mirror 1

FR06 connector to right front door rearview mirror 1	
Connector model: 1000300-1-1	
	

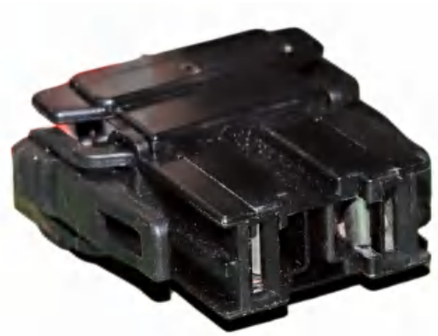
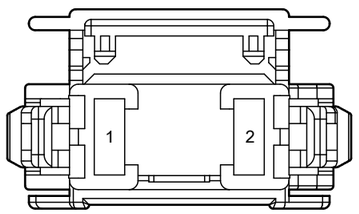
Terminal No.	Wire diameter/color	Feature description
1	0.35/O	Right exterior mirror horizontal adjustment
2	0.35/S	Right exterior mirror vertical adjustment
3	0.35/W	Right exterior mirror-common
4	0.5/U	Rearview mirror unfolding
5	0.35/Y	Rearview mirror folding
6	0.35/B	GND
7	0.35/U	Right turn signal lamp power supply
8	0.35/Y	Right front door rearview mirror heating power supply
9	0.35/K	Sensor Power Supply
10	0.35/O	Horizontal signal
11	0.35/P	Vertical signal
12	0.35/P	GND

7.238 FR07 connector to right front door rearview mirror 2

FR07 connector to right front door rearview mirror 2	
Connector model: 1000299-1-1	
	

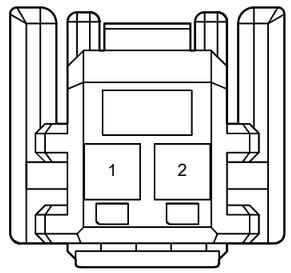
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	BSD indicator lamp+
2	0.35/B	BSD indicator lamp-
3	-	-
4	-	-
5	-	-
6	-	-

7.239 FR09 connector to front right door woofer

FR09 connector to front right door woofer	
Connector model: 1000009-1-2	
	

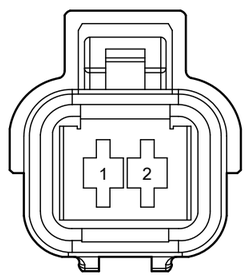
Terminal No.	Wire diameter/color	Feature description
1	1.0/G	Front right door woofer-
2	1.0/O	Front right door woofer+

7.240 FR10 connector to front right door midrange loudspeaker

FR10 connector to front right door midrange loudspeaker	
Connector model: 1000033-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Front right door midrange loudspeaker-
2	0.75/N	Front right door woofer+

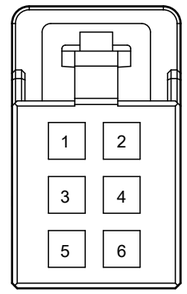
7.241 FR11 connector to front right door glass lifter motor

FR11 connector to front right door glass lifter motor	
Connector model: 1000172-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Up
2	2.0/B	Down

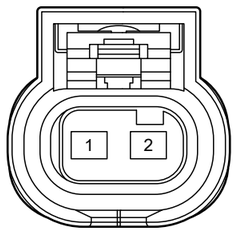
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Up
2	2.0/B	Down

7.242 FR12 connector to right front door glass lifter switch

FR12 connector to right front door glass lifter switch	
Connector model: 1000278-5-1	
	

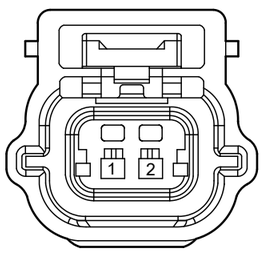
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.35/S	Power supply
3	0.35/O	Backlight power supply
4	-	-
5	0.35/B	GND
6	-	-

7.243 FR13 connector to right front door pressure sensor

FR13 connector to right front door pressure sensor	
Connector model: 1000188-5-1	
	

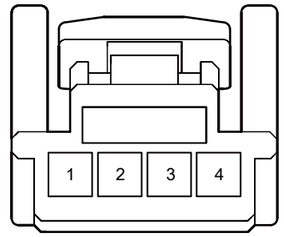
Terminal No.	Wire diameter/color	Feature description
1	0.35/U	Right front door pressure sensor-
2	0.35/W	Right front door pressure sensor+

7.244 FR14 connector to right front door trim antenna

FR14 connector to right front door trim antenna	
Connector model: 1000240-2-1	
	

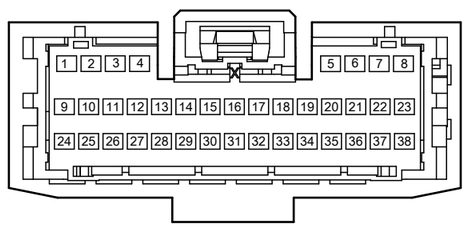
Terminal No.	Wire diameter/color	Feature description
1	0.35/G	Right front door trim panel antenna+
2	0.35/O	Right front door trim panel antenna-

7.245 FR15 connector to front right door ambient lamp

FR15 connector to front right door ambient lamp	
Connector model: 1000034-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Front right door ambient lamp power supply
2	0.35/O	LIN-IN
3	0.35/S	LIN-OUT
4	0.35/B	GND

7.246 FR16 connector to front right door control module (FRDCM) 1

FR16 connector to front right door control module (FRDCM) 1	
Connector model: 1000590-1-1	
	

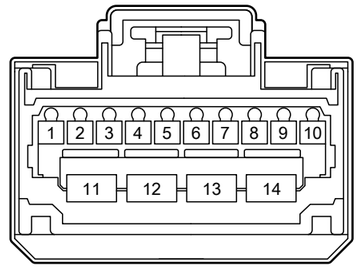
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	0.35/K	Sensor Power Supply
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-
13	0.35/S	Backlight power supply
14	-	-
15	-	-
16	0.35/O	Front right glass lifter control
17	0.35/O	Rear right glass lifter control
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	0.35/U	Right turn signal lamp
25	-	-
26	0.35/U	Right BSD indicator lamp+
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-
33	0.35/B	Rear right door glass lifter switch grounding
34	-	-
35	0.35/B	Front right door glass lifter switch grounding
36	-	-
37	0.35/P	Right exterior mirror vertical signal
38	0.35/O	Right exterior mirror horizontal signal

7.247 FR17 connector to front right door control module (FRDCM) 2

FR17 connector to front right door control module (FRDCM) 2

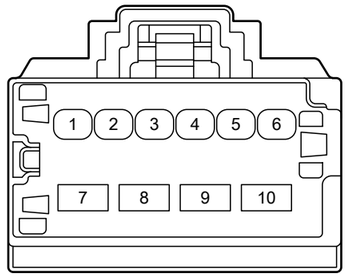
Connector model: 1000571-2-1





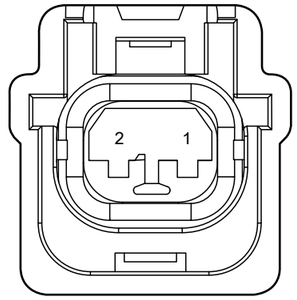
Terminal No.	Wire diameter/color	Feature description
1	0.35/S	Right exterior mirror vertical adjustment
2	0.35/O	Right exterior mirror horizontal adjustment
3	-	-
4	0.35/W	Right exterior mirror - common
5	-	-
6	-	-
7	-	-
8	-	-
9	0.35/Y	BCAN-H
10	0.35/G	BCAN-L
11	2.0/B	Front right door glass down
12	2.0/B	GND
13	2.0/R	Front right door window regulator UP
14	0.35/P	GND

7.248 FR18 connector to front right door control module (FRDCM) 3

FR18 connector to front right door control module (FRDCM) 3	
Connector model: 1000339-2-1	
	

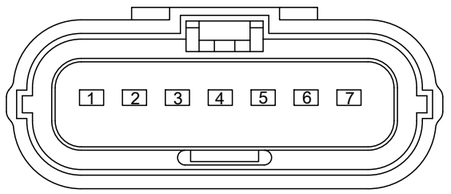
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.5/U	Rearview mirror unfolding
4	0.35/Y	Rearview mirror folding
5	-	-
6	-	-
7	2.0/R	Battery power supply
8	2.0/B	GND
9	2.0/B	Rear right door glass down
10	2.0/R	Rear right door glass lifter UP

7.249 FR20 connector to front right door outer handle 2

FR20 connector to front right door outer handle 2	
Connector model: 1001074-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Front right door locking/unlocking
2	0.5/B	GND

7.250 FR21 connector to right front door lock

FR21 connector to right front door lock	
Connector model: 1000751-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Right front door lock unlocking
2	-	-
3	0.5/O	Right front door lock locking

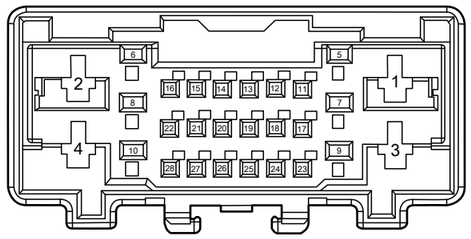
Terminal No.	Wire diameter/color	Feature description
4	-	-
5	0.35/B	GND
6	0.35/P	Right front door lock status signal
7	0.35/K	Right front door Ajar on/off signal

7.251 RL01 connector to body harness

RL01 connector to body harness

Connector model: 1001203-1-1





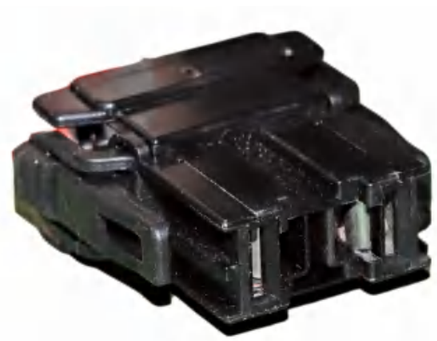
Terminal No.	Wire diameter/color	Feature description
1	1.0/W	Rear left door speaker-
2	2.0/R	Rear left door glass up
3	1.0/Y	Rear left door speaker+
4	2.0/B	Rear left door glass down
5	0.35/B	GND
6	-	-
7	-	-
8	0.75/Y	Rear left door lock unlocking
9	0.35/B	GND
10	0.5/O	Rear left door lock locking
11	0.35/N	Rear left door Ajar on/off signal
12	0.35/O	LIN-IN
13	0.35/S	Rear left door glass lifter switch
14	0.35/O	Backlight power supply

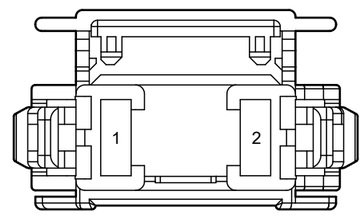
Terminal No.	Wire diameter/color	Feature description
15	0.35/B	GND
16	-	-
17	-	-
18	0.35/S	LIN-OUT
19	0.35/R	Power supply of ambient lamp for rear left door interior trim panel
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.252 RL02 connector to rear left door woofer

RL02 connector to rear left door woofer

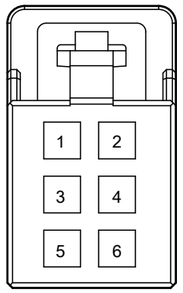
Connector model: 1000009-1-2





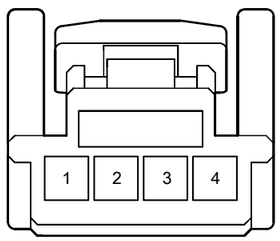
Terminal No.	Wire diameter/color	Feature description
1	1.0/W	Rear left door woofer-
2	1.0/Y	Rear left door woofer+

7.253 RL03 connector to rear left door glass lifter switch

RL03 connector to rear left door glass lifter switch	
Connector model: 1000278-5-1	
	

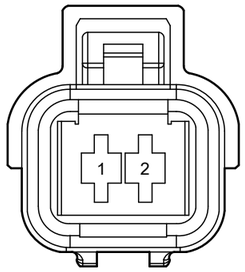
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.35/S	Backlight power supply
3	0.35/O	Rear left glass lifter control
4	-	-
5	0.35/B	GND
6	-	-

7.254 RL04 connector to ambient lamp for left rear door interior trim panel

RL04 connector to ambient lamp for left rear door interior trim panel	
Connector model: 1000034-3-1	
	

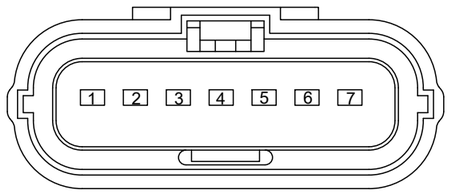
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/S	LIN-IN
3	0.35/O	LIN-OUT
4	0.35/B	GND

7.255 RL05 connector to left rear door glass lifter motor

RL05 connector to left rear door glass lifter motor	
Connector model: 1000172-4-1	
	

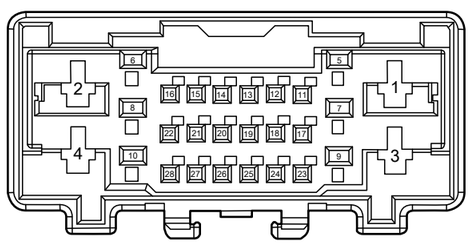
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Up
2	2.0/B	Down

7.256 RL07 connector to left rear door lock

RL06 connector to left rear door outer handle	
Connector model: 1000830-1-1	
	

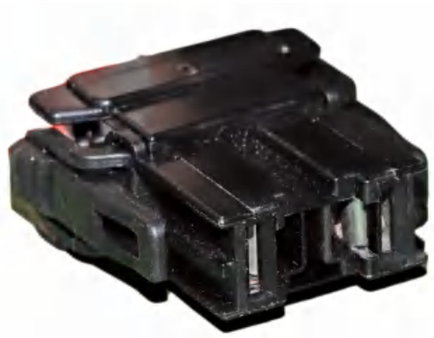
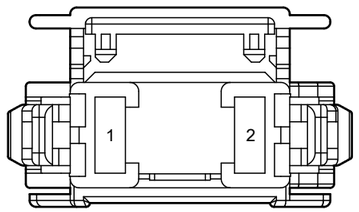
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Left rear door Ajar on/off signal
2	-	-
3	0.35/B	GND
4	-	-
5	0.5/O	Locking
6	-	-
7	0.75/Y	Unlocking

7.257 RR01 connector to body harness

RR01 connector to body harness	
Connector model: 1001203-1-1	
	

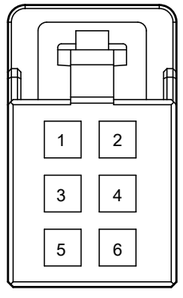
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Rear right door glass lifter UP
2	1.0/O	Rear right door speaker +
3	2.0/B	Rear right door glass down
4	1.0/G	Rear right door speaker -
5	-	-
6	-	-
7	-	-
8	0.75/Y	Rear right door lock unlocking
9	-	-
10	0.35/W	Rear right door Ajar on/off signal
11	0.35/B	GND
12	0.35/B	Grounding of ambient lamp for rear right door interior trim panel
13	0.35/S	Rear right door glass lifter switch backlight power supply
14	0.35/S	LIN-IN
15	0.35/O	LIN-OUT
16	0.35/O	Rear right glass lifter control
17	0.35/B	GND
18	0.35/R	Power supply of ambient lamp for rear right door interior trim panel
19	-	-
20	-	-
21	-	-
22	0.5/O	Rear right door lock locking
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-

7.258 RR02 connector to rear right door woofer

RR02 connector to rear right door woofer	
Connector model: 1000009-1-2	
	

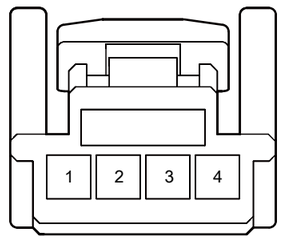
Terminal No.	Wire diameter/color	Feature description
1	1.0/O	Rear right door woofer-
2	1.0/G	Rear right door woofer+

7.259 RR03 connector to rear right door glass lifter switch

RR03 connector to rear right door glass lifter switch	
Connector model: 1000278-5-1	
	

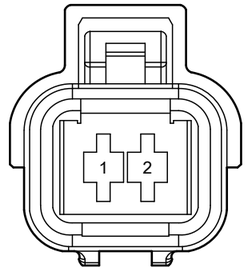
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.35/S	Backlight power supply
3	0.35/O	Rear right glass lifter control
4	-	-
5	0.35/B	GND
6	-	-

7.260 RR04 connector to ambient lamp for rear right door interior trim panel

RR04 connector to ambient lamp for rear right door interior trim panel	
Connector model: 1000034-3-1	
	

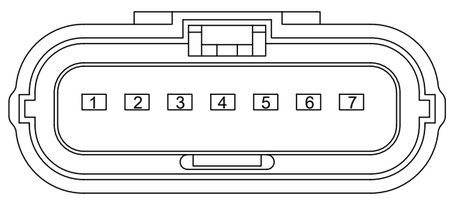
Terminal No.	Wire diameter/color	Feature description
1	0.35/R	Power supply
2	0.35/S	LIN-IN
3	0.35/O	LIN-OUT
4	0.35/B	GND

7.261 RR05 connector to rear right door glass lifter motor

RR05 connector to rear right door glass lifter motor	
Connector model: 1000172-1-1	
	

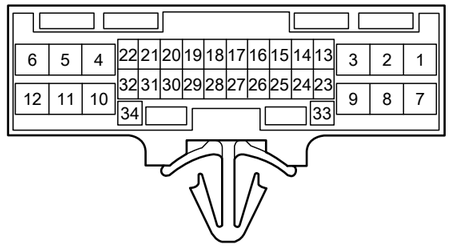
Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Up
2	2.0/B	Down

7.262 RR07 connector to right rear door lock

RR07 connector to right rear door lock	
Connector model: 1000751-2-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.75/Y	Unlocking
2	-	-
3	0.5/O	Locking
4	-	-
5	0.5/B	GND
6	-	-
7	0.35/W	Right rear door Ajar on/off signal

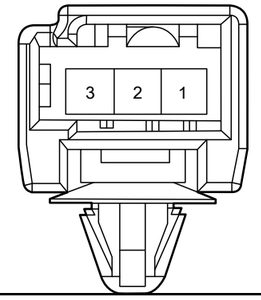
7.263 LS01 connector to body wiring harness

LS01 connector to body wiring harness	
Connector model: 2005434-1	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	1.5/R-W	Back motor power supply
4	1.5/B	Back motor grounding
5	1.5/R-Y	Slide rail motor power supply
6	1.5/B	Slide rail motor grounding
7	0.75/R-W	Main driver heating cushion power supply
8	0.75/B	Main driver heating cushion grouding
9	1.5/R	Lift motor power supply
10	1.5/B	Lift motor grounding
11	-	-
12	-	-
13	0.35/Y	Seat heating cushion NTC power supply
14	0.35/S	Seat heating cushion NTC grounding

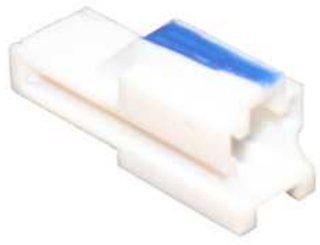
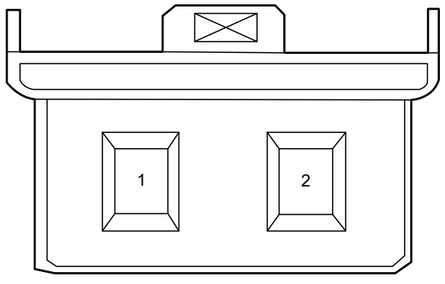
Terminal No.	Wire diameter/color	Feature description
15	0.35/R	Main driver fan power supply
16	0.35/B	Main driver fan grounding
17	0.35/Y-W	Main driver fan PWM signal
18	0.35/G-B	Lift motor Hall sensor signal
19	0.35/B	Main driver motor grounding
20	0.35/W-U	Back motor Hall sensor signal
21	0.35/O-R	-
22	0.35/B	Slide rail motor grounding
23	0.35/W	Main driver seat belt buckle+
24	0.35/N	Main driver off-position signal
25	0.35/B	Main driver seat belt buckle-
26	-	-
27	0.35/N-W	Slide rail motor adjusting switch
28	0.35/N-R	Back motor adjusting switch
29	0.35/G	Lift motor adjusting switch
30	0.35/B	Main driver adjusting switch grounding
31	0.5/B	Massage module grounding
32	0.5/R	Battery power supply
33	0.5/Y	IG1 power supply
34	0.5/G	LIN5

7.264 LS02 connector to seat cushion fan

LS02 connector to seat cushion fan	
Connector model: 3A03MW	
	

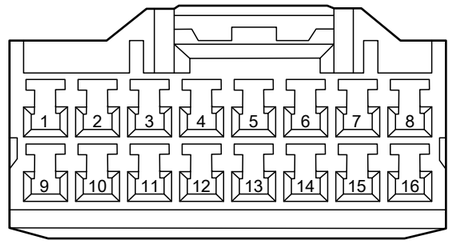
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	Seat cushion fan grounding
2	0.35/R	Seat cushion fan power supply
3	0.35/Y-W	Seat cushion fan PWM signal

7.265 LS03 connector to main driver seat belt buckle

LS03 connector to main driver seat belt buckle	
Connector model: MG610392	
	

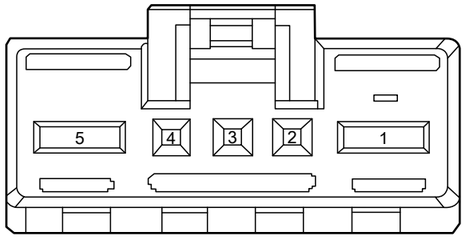
Terminal No.	Wire diameter/color	Feature description
1	0.35/W	Seat belt buckle+
2	0.35/B	Seat belt buckle-

7.266 LS04 connector to main driver seat back wiring harness

LS04 connector to main driver seat back wiring harness	
Connector model: 936201–1	
	

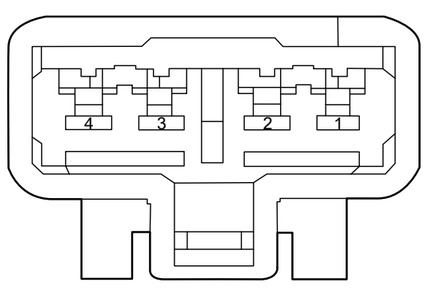
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.35/R	Backr fan power supply
6	0.35/Y-W	Backr fan PWM signal
7	0.35/B	Backr fan grounding
8	1.5/R-W	Back motor power supply
9	1.5/B	Back motor grounding
10	0.35/W-U	Back motor Hall sensor signal
11	0.35/B	GND
12	0.5/B	GND
13	0.5/R	Battery power supply
14	0.5/Y	IG1 power supply
15	0.5/G	LIN5
16	-	-

7.267 LS05 connector to slide rail motor

LS05 connector to slide rail motor	
Connector model: PP1570401	
	

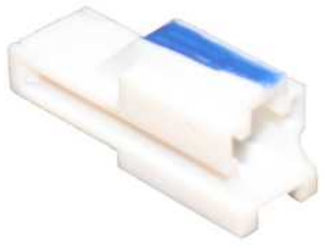
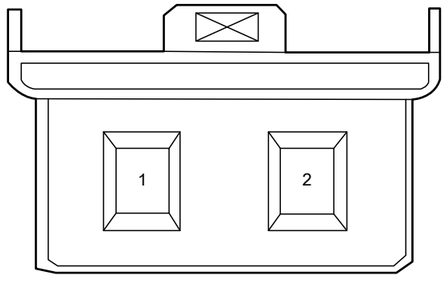
Terminal No.	Wire diameter/color	Feature description
1	1.5/R-Y	Slide rail motor power supply
2	0.35/B	GND
3	-	-
4	0.35/O-R	Slide rail motor hall sensor signal
5	1.5/B	Slide rail motor grounding

7.268 LS06 connector to seat cushion heating

LS06 connector to seat cushion heating	
Connector model: MG641041	
	

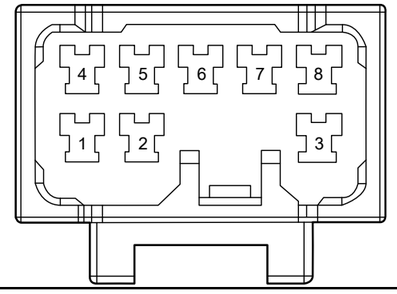
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Seat heating cushion power supply
2	0.35/Y	Seat heating cushion NTC power supply
3	0.35/S	Seat heating cushion NTC grounding
4	0.75/B	Seat heating cushion grounding

7.269 LS07 connector to main driver off-position sensor

LS07 connector to main driver off-position sensor	
Connector model: MG610392	
	

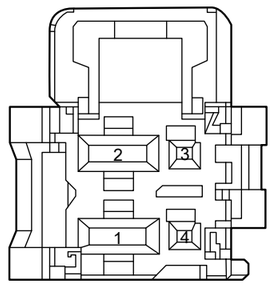
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Main driver off-position signal
2	0.35/B	GND

7.270 LS08 connector to main driver's seat adjusting switch

LS08 connector to main driver's seat adjusting switch	
Connector model: MG641053	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/N-W	Slide rail motor adjusting switch
2	0.35/N-R	Back motor adjusting switch
3	0.35/G	Lift motor adjusting switch
4	0.35/B	GND
5	-	-
6	-	-
7	-	-
8	-	-

7.271 LS09 connector to lift motor

LS09 connector to lift motor	
Connector model: E38502300	
	

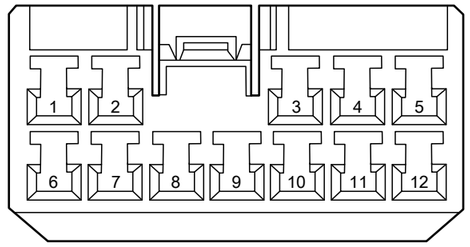
Terminal No.	Wire diameter/color	Feature description
1	1.5/R	Lift motor power supply
2	1.5/B	Lift motor grounding
3	0.35/B	GND
4	0.35/G-B	Lift motor hall sensor signal

7.272 LS10 connector to main driver seat back wiring harness

LS10 connector to main driver seat back wiring harness

Connector model: 936196–1



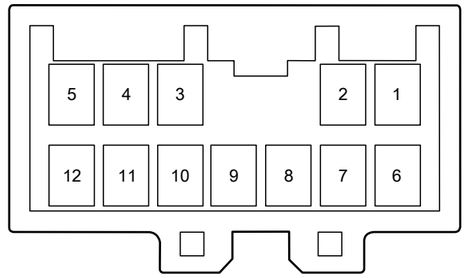


Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.35/R	Backr fan power supply
6	0.35/Y-W	Backr fan PWM signal
7	0.35/B	Backr fan grounding
8	1.50/R-W	Back motor power supply
9	1.50/B	Back motor grounding
10	0.35/W-U	Back motor hall sensor signal
11	0.35/B	GND
12	-	-

7.273 LS11 connector to main driver seat wiring harness

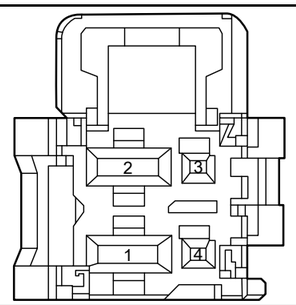
LS11 connector to main driver seat wiring harness

Connector model: 936207–1



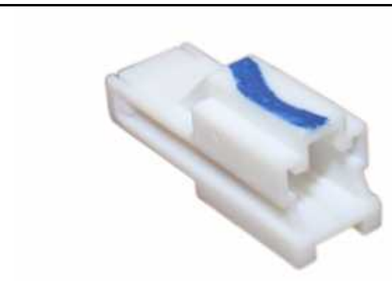
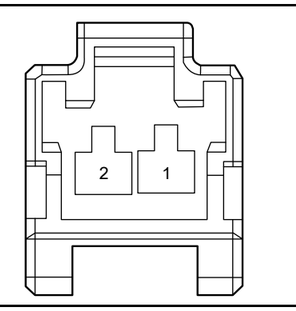
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.35/R	Backr fan power supply
6	0.35/Y-W	Backr fan PWM signal
7	0.35/B	Backr fan grounding
8	1.50/R-W	Back motor power supply
9	1.50/B	Back motor grounding
10	0.35/W-U	Back motor hall sensor signal
11	0.35/B	GND
12	-	-

7.274 LS12 connector to back motor

LS12 connector to back motor	
Connector model: E38502300	
	

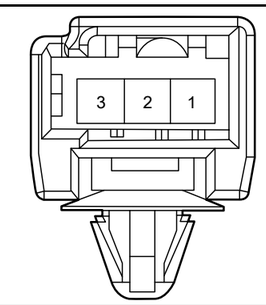
Terminal No.	Wire diameter/color	Feature description
1	1.5/R-W	Back motor power supply
2	1.5/B	Back motor grounding
3	0.35/B	GND
4	0.35/W-U	Back motor hall sensor signal

7.275 LS13 connector to back heating

LS13 connector to back heating	
Connector model: MG620393	
	

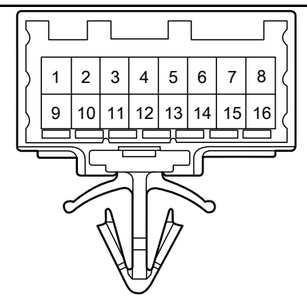
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	0.75/B	Back heating grounding

7.276 LS14 connector to back fan

LS14 connector to back fan	
Connector model: 3A03MW	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/B	Backr fan grounding
2	0.35/R	Backr fan power supply
3	0.35/Y-W	Backr fan PWM signal

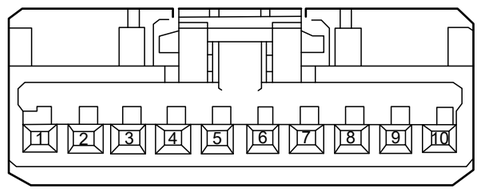
7.277 LS15 connector to main driver seat wiring harness

LS15 connector to main driver seat wiring harness	
Connector model: 936211–1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-

Terminal No.	Wire diameter/color	Feature description
3	-	-
4	0.75/B	Back heating grounding
5	0.35/R	Backr fan power supply
6	0.35/Y-W	Backr fan PWM signal
7	0.35/B	Backr fan grounding
8	1.5/R-W	Back motor power supply
9	1.5/B	Back motor grounding
10	0.35/W-U	Back motor Hall sensor signal
11	0.35/B	GND
12	0.5/B	GND
13	0.35/R	Battery power supply
14	0.35/Y	IG1 power supply
15	0.35/G	LIN5
16	-	-

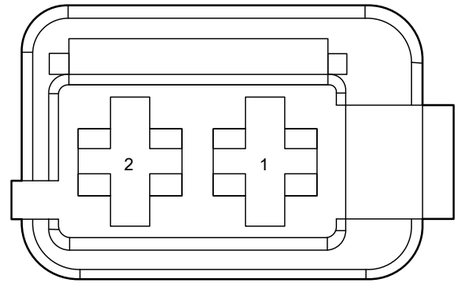
7.278 LS16 connector to massage module

LS16 connector to massage module	
Connector model: AIT2PB-10–1AK	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.35/G	LIN5
4	0.35/Y	IG1 power supply

Terminal No.	Wire diameter/color	Feature description
5	-	-
6	0.35/N	Massage air pump power supply
7	-	-
8	-	-
9	0.35/B	GND
10	0.35/R	Battery power supply

7.279 LS17 connector to massage air pump

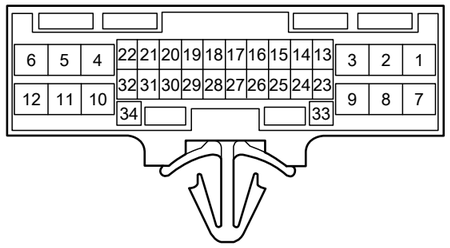
LS17 connector to massage air pump	
Connector model: 1563189–1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
2	0.35/N	Power supply

7.280 RS01 connector to body wiring harness

RS01 connector to body wiring harness
Connector model: 2005434-1



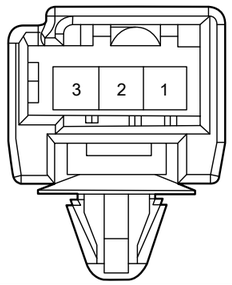


Terminal No.	Wire diameter/color	Feature description
1	2.0/R	Battery power supply
2	2.0/B	GND
3	1.5/R	Battery power supply
4	1.5/B-W	GND
5	0.75/R-W	Main driver heating cushion power supply
6	1.0/B	Main driver heating cushion grouding
7	1.5/R	Main driver lift motor power supply
8	1.5/B	Main driver lift motor grounding
9	1.5/R	Main driver back motor power supply
10	1.5/B	Main driver back motor grounding
11	1.5/R	Main driver slide rail motor power supply
12	1.5/B	Main driver slide rail motor grounding
13	0.5/R	Battery power supply
14	0.35/R	Battery power supply
15	0.35/B-R	GND
16	0.35/Y	BCAN-H
17	0.35/G	BCAN-L
18	0.35/S-B	Hall sensor signal for main driver slide rail motor
19	0.5/Y	IG1 power supply
20	0.35/Y	Hall sensor signal for main driver back motor
21	0.35/S-G	Hall sensor signal for main driver lift motor
22	0.5/G	LIN5
23	0.5/R	Fan power supply
24	0.5/B	Fan grounding
25	0.35/G	Fan PWM signal
26	0.35/Y-W	Main driver heating cushion NTC power supply
27	0.35/S	Main driver heating cushion NTC grouding
28	0.35/N-W	Main driver slide rail motor adjusting switch
29	0.35/N-R	Main driver back motor adjusting switch
30	0.35/N-Y	Main driver lift motor adjusting switch
31	0.5/B	GND
32	0.35/W	Passenger detection sensor signal
33	0.35/N	Front passenger seat belt buckle+
34	0.35/B	GND

7.281 RS02 connector to seat cushion fan

RS02 connector to seat cushion fan
Connector model: 3A03MW





Terminal No.	Wire diameter/color	Feature description
1	0.35/B	Seat cushion fan grounding (High Configuration)
1	0.5/B	Seat cushion fan grounding (Middle Configuration)
2	0.35/R	Seat cushion fan power supply (High Configuration)

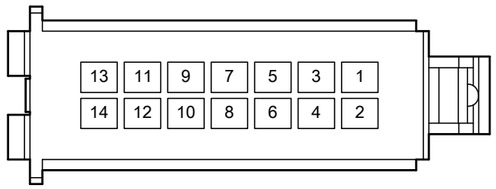
Terminal No.	Wire diameter/color	Feature description
2	0.5/R	Seat cushion fan power supply (Middle Configuration)
3	0.35/Y-W	Seat cushion fan PWM signal

7.282 RS03 connector to seat control unit 1

RS03 Seat control unit 1

Connector model: ： 929504–5





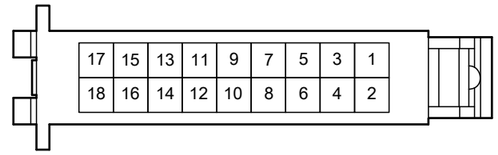
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	1.0/B	Heating cushion grounding
3	-	-
4	-	-
5	0.75/R-W	Front passenger heating cushion power supply
6	1.5/B-W	GND
7	1.5/R	Battery power supply
8	-	-
9	-	-
10	-	-
11	0.75/R-W	Main driver heating cushion power supply
12	-	-
13	0.5/R	Fan power supply
14	-	-

7.283 RS04 connector to seat control unit 2

RS04 seat control unit 2

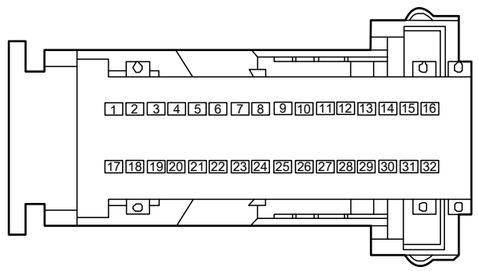
Connector model: 929504–6





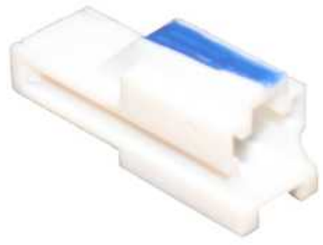
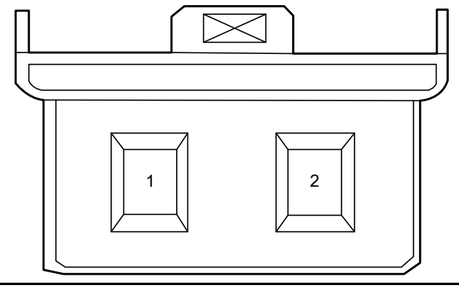
Terminal No.	Wire diameter/color	Feature description
1	1.5/R	Battery power supply
2	1.5/R	Main driver lift motor power supply
3	-	-
4	1.5/B	Main driver lift motor grounding
5	1.5/B-W	Front passenger back motor grounding
6	-	-
7	1.5/R-W	Front passenger back motor power supply
8	-	-
9	-	-
10	2.0/B	GND
11	1.5/B	Front passenger slide rail motor grounding
12	1.5/R	Main driver back motor power supply
13	1.5/R-Y	Front passenger slide rail motor power supply
14	1.5/B	Main driver back motor grounding
15	-	-
16	1.5/R	Main driver slide rail motor power supply
17	-	-
18	1.5/B	Main driver slide rail motor grounding

7.284 RS05 connector to seat control unit 3

RS05 connector to seat control unit 3	
Connector model: 1719059–1	
	

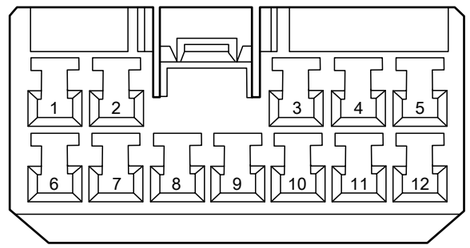
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.35/Y-W	Front passenger seat cushion fan PWM signal
3	0.35/G	Main driver fan PWM signal
4	0.35/B	Fan grounding
5	0.35/S	Heating cushion NTC grounding
6	-	-
7	0.35/G-B	Hall sensor signal for main driver slide rail motor
8	-	-
9	0.35/B	GND
10	0.35/N-R	Main driver back motor adjusting switch
11	0.35/N-Y	Main driver lift motor adjusting switch
12	0.35/N-W	Main driver slide rail motor adjusting switch
13	0.35/B	GND
14	-	-
15	0.35/N-W	Front passenger slide rail motor adjusting switch
16	0.35/N-R	Front passenger back motor adjusting switch
17	0.35/R	Battery power supply
18	0.35/Y	Front passenger heating cushion NTC power supply
19	0.35/Y-W	Main driver heating cushion NTC power supply
20	-	-
21	-	-
22	0.35/B-R	GND
23	0.35/Y	BCAN-H
24	0.35/G	BCAN-L
25	0.35/Y	Hall sensor signal for main driver back motor
26	0.35/S-G	Hall sensor signal for main driver lift motor
27	0.35/B	GND
28	0.35/O-R	Hall sensor signal for front passenger slide rail motor
29	0.35/W-U	Hall sensor signal for front passenger back motor
30	0.35/B	Front passenger Hall sensor signal grounding
31	-	-
32	-	-

7.285 RS06 connector to front passenger seat belt buckle

RS06 connector to front passenger seat belt buckle	
Connector model: MG610392	
	

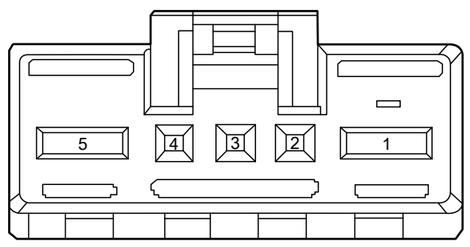
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Seat belt buckle+
2	0.35/B	Seat belt buckle-

7.286 RS07 connector to front passenger seat back wiring harness

RS07 connector to front passenger seat back wiring harness	
Connector model: 936196–1	
	

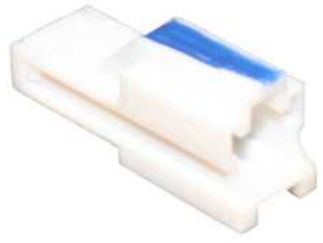
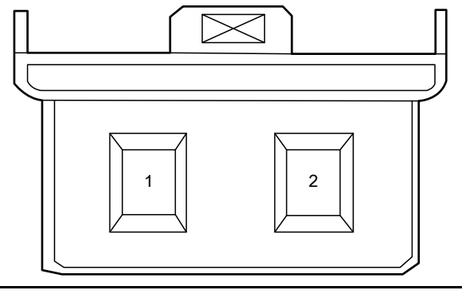
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.5/B	Backr fan grounding
6	0.5/R	Backr fan power supply
7	0.35/Y-W	Backr fan PWM signal
8	1.5/R-W	Back motor power supply
9	1.5/B-W	Back motor grounding
10	0.35/W-U	Back motor Hall sensor signal
11	0.35/B	Back motor Hall sensor signal grounding
12	-	-

7.287 RS08 connector to slide rail motor

RS08 connector to slide rail motor	
Connector model: PP1570401	
	

Terminal No.	Wire diameter/color	Feature description
1	1.5/R-Y	Slide rail motor power supply
2	0.35/B	Slide rail motor hall sensor signal grounding
3	-	-
4	0.35/O-R	Slide rail motor hall sensor signal
5	1.5/B	Slide rail motor grounding

7.288 RS09 connector to passenger detection sensor

RS09 connector to passenger detection sensor	
Connector model: MG610392	
	

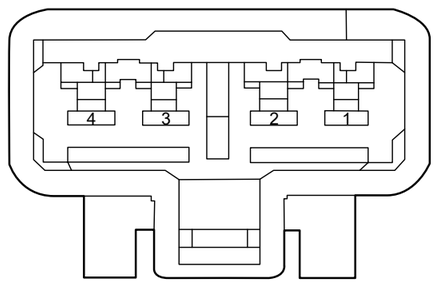
Terminal No.	Wire diameter/color	Feature description
1	0.35/W	Passenger detection sensor signal
2	0.35/B	GND

7.289 RS10 connector to seat cushion heating

RS10 connector to seat cushion heating

Connector model: MG641041





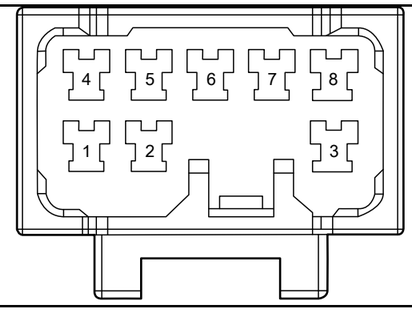
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Seat heating cushion power supply
2	0.35/Y	Seat heating cushion NTC power supply
3	0.35/S	Seat heating cushion NTC grounding
4	0.75/B	Seat heating cushion grounding

7.290 RS11 connector to front passenger seat adjusting switch

RS11 connector to front passenger seat adjusting switch

Connector model: MG641053





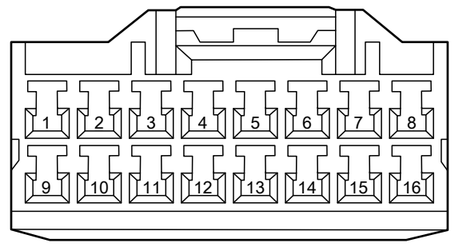
Terminal No.	Wire diameter/color	Feature description
1	0.35/N-W	Slide rail motor adjusting switch
2	0.35/N-R	Back motor adjusting switch
3	0.35/B	GND
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-

7.291 RS12 connector to front passenger seat back wiring harness

RS12 connector to front passenger seat back wiring harness

Connector model: 936201–1





Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.5/B	Backr fan grounding
6	0.5/R	Backr fan power supply
7	0.35/Y-W	Backr fan PWM signal
8	1.5/R-W	Back motor power supply
9	1.5/B-W	Back motor grounding
10	0.35/W-U	Back motor Hall sensor signal
11	0.35/B	Back motor Hall sensor signal grounding
12	0.5/R	Battery power supply
13	0.5/Y	IG1 power supply
14	0.5/G	LIN5
15	0.5/B	GND
16	-	-

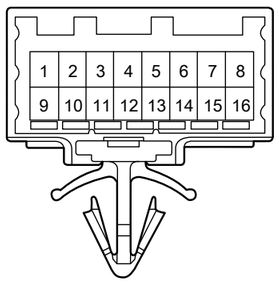
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.35/B	Backr fan grounding
6	0.35/R	Backr fan power supply
7	0.35/Y-W	Backr fan PWM signal
8	1.50/R-W	Back motor power supply
9	1.50/B	Back motor grounding
10	0.35/W-U	Back motor hall sensor signal
11	0.35/B	Back motor hall sensor signal grounding
12	0.35/R	Battery power supply
13	0.35/Y	IG1 power supply
14	0.35/G	LIN5
15	0.50/B	GND
16	-	-

7.292 RS13 connector to front passenger seat wiring harness

RS13 connector to front passenger seat wiring harness

Connector model: 936211–1



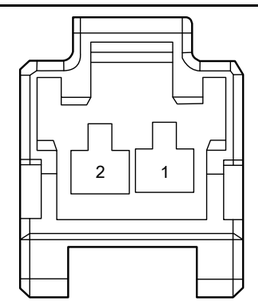


7.293 RS14 connector to back heating

RS14 connector to back heating

Connector model: MG620393





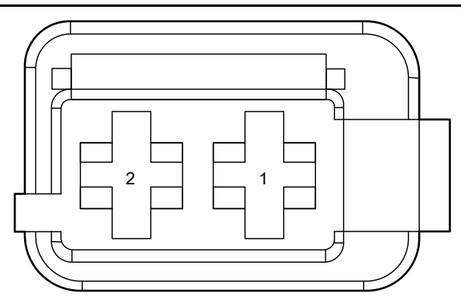
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	0.75/B	Back heating grounding

7.294 RS15 connector to massage air pump

RS15 connector to massage air pump

Connector model: 1563189–1





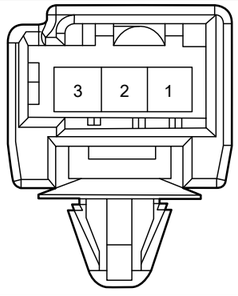
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
2	0.35/N	Power supply

7.295 RS16 connector to back fan

RS16 connector to back fan

Connector model: 3A03MW





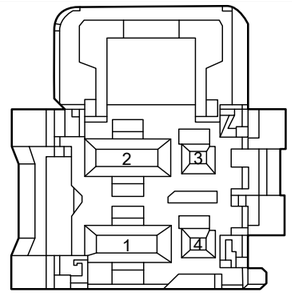
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	Backr fan grounding
2	0.35/R	Backr fan power supply
3	0.35/Y-W	Backr fan PWM signal

7.296 RS17 connector to back motor

RS17 connector to back motor

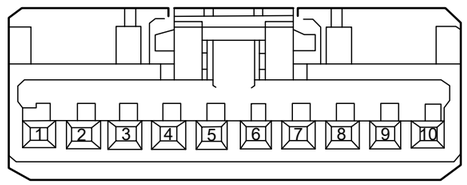
Connector model: E38502300





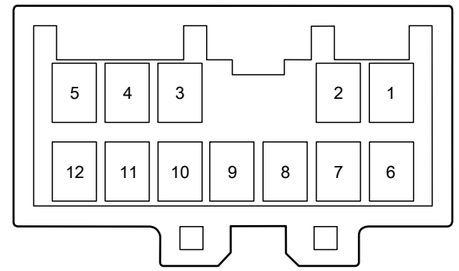
Terminal No.	Wire diameter/color	Feature description
1	1.5/R-W	Back motor power supply
2	1.5/B	Back motor grounding
3	0.35/B	Back motor hall sensor signal grounding
4	0.35/W-U	Back motor hall sensor signal

7.297 RS18 connector to massage module

RS18 connector to massage module	
Connector model: AIT2PB-10–1AK	
	

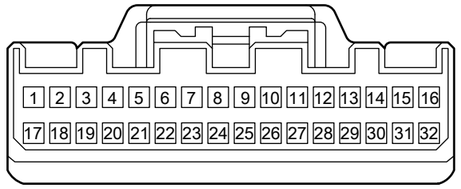
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.35/G	LIN5
4	0.35/Y	IG1 power supply
5	-	-
6	0.35/N	Massage air pump power supply
7	0.35/B	GND
8	-	-
9	0.35/B	GND
10	0.35/R	Battery power supply

7.298 RS19 connector to front passenger seat wiring harness

RS19 connector to front passenger seat wiring harness	
Connector model: 936207–1	
	

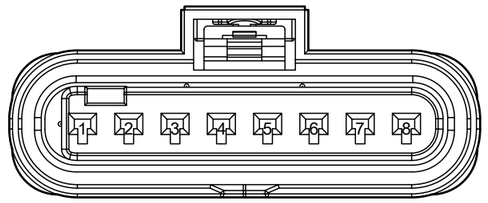
Terminal No.	Wire diameter/color	Feature description
1	0.75/R-W	Back heating power supply
2	-	-
3	-	-
4	0.75/B	Back heating grounding
5	0.35/B	Backr fan grounding
6	0.35/R	Backr fan power supply
7	0.35/Y-W	Backr fan PWM signal
8	1.5/R-W	Back motor power supply
9	1.5/B	Back motor grounding
10	0.35/W-U	Back motor hall sensor signal
11	0.35/B	Back motor hall sensor signal grounding
12	-	-

7.299 RB01 connector to body harness

RB01 connector to body harness	
Connector model: 1000792-3-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Reverse lamp power supply
2	0.35/R	IG1 power supply
3	0.35/U	Interior detection antenna 4 antenna+
4	0.35/Y	Interior detection antenna 4 antenna-
5	0.35/N	Front right center reversing radar signal
6	0.35/W	Front left center reversing radar signal
7	0.35/Y	Front left reversing radar signal
8	0.5/G	Battery power supply
9	0.5/O	Rear fog lamp power supply
10	0.35/B	GND
11	0.35/W	ACANFD-H
12	0.35/G	ACANFD-L
13	0.5/B	GND
14	0.35/O	Front right reversing radar sensor signal
15	0.35/W	ACANFD-H
16	0.35/G	ACANFD-L
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-
28	-	-
29	-	-
30	-	-
31	-	-
32	-	-

7.300 RB04 Rear left BSD main sensor

RB04 Rear left BSD main sensor	
Connector model: 1000635-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/G	Power supply
2	0.35/W	ACANFD-H
3	0.35/G	ACANFD-L
4	0.35/B	GND
5	0.35/G	Private CAN2-H
6	0.35/N	Private CAN2-L

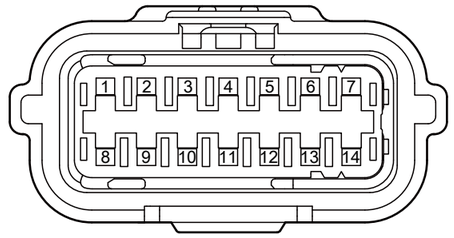
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.35/B	GND

7.301 RB06 connector to reversing radar control unit

RB06 connector to reversing radar control unit

Connector model: 1000729-2-1





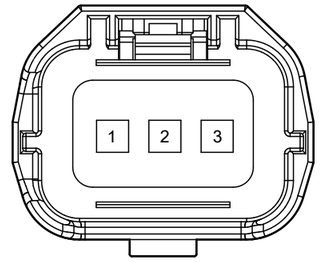
Terminal No.	Wire diameter/color	Feature description
1	0.35/W	ACANFD-H
2	0.35/S	Right reversing radar sensor signal
3	0.35/K	Rear right center sensor signal
4	0.35/G	Central reversing radar sensor signal
5	-	-
6	0.35/P	Radar sensor grounding
7	0.35/R	Radar sensor power supply
8	0.35/G	ACANFD-L
9	0.35/O	Front right radar sensor signal
10	0.35/N	Front right center radar sensor signal
11	0.35/W	Front left center radar sensor signal
12	0.35/Y	Front left radar sensor signal
13	0.5/B	GND
14	0.35/R	IG1 power supply

7.302 RB08 connector to rear fog lamp

RB08 connector to rear fog lamp

Connector model: 1000524-1-1





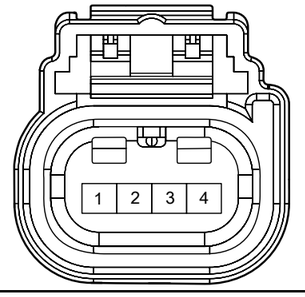
Terminal No.	Wire diameter/color	Feature description
1	0.5/O	Rear fog lamp power supply
2	0.5/Y	Reverse lamp power supply
3	0.5/B	GND

7.303 RB09 connector to interior detection antenna 4

RB09 connector to interior detection antenna 4

Connector model: 1000032-1-2

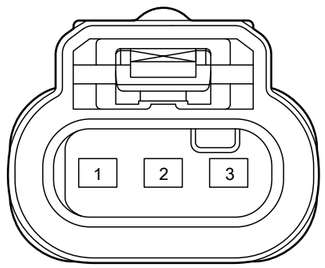




Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-

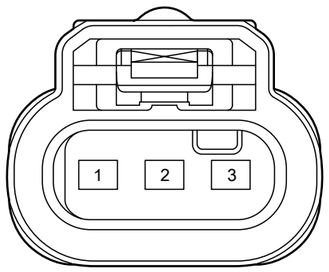
Terminal No.	Wire diameter/color	Feature description
3	0.35/U	Antenna+
4	0.35/Y	Antenna-

7.304 RB10 connector to reversing radar sensor

RB10 connector to reversing radar sensor	
Connector model: 1000045-5-1	
	

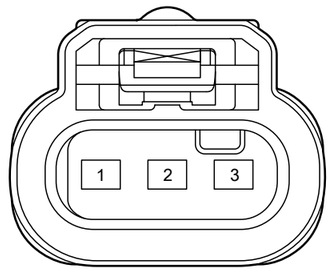
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/G	sensor signal
3	0.35/R	Sensor+

7.305 RB11 connector to rear right center reversing radar sensor

RB11 connector to rear right center reversing radar sensor	
Connector model: 1000045-5-1	
	

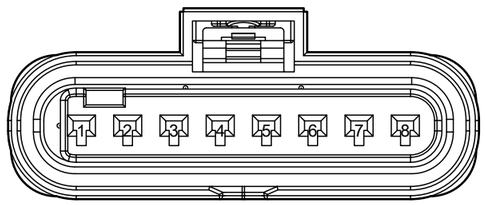
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/K	sensor signal
3	0.35/R	Sensor+

7.306 RB13 connector to right reversing radar sensor

RB13 connector to right reversing radar sensor	
Connector model: 1000045-5-1	
	

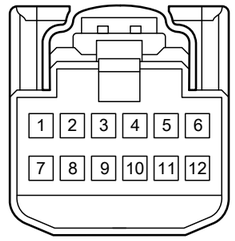
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor-
2	0.35/S	sensor signal
3	0.35/R	Sensor+

7.307 RB15 Rear right BSD main sensor

RB15 Rear right BSD main sensor	
Connector model: 1000635-1-1	
	

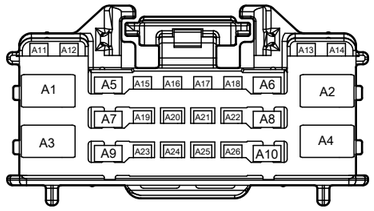
Terminal No.	Wire diameter/color	Feature description
1	0.5/G	Power supply
2	0.35/W	ACANFD-H
3	0.35/G	ACANFD-L
4	0.35/B	GND
5	0.35/G	Private CAN2-H
6	0.35/N	Private CAN2-L
7	0.35/B	GND
8	0.35/B	GND

7.308 RB17 connector to body harness

RB17 connector to body harness	
Connector model: 1001170-1-1	
	

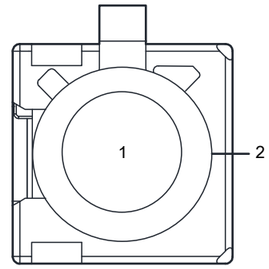
Terminal No.	Wire diameter/color	Feature description
1	0.35/P	Sensor grounding
2	0.35/R	Sensor Power Supply
3	0.35/W	ACANFD-H
4	0.35/G	ACANFD-L
5	0.35/B	GND
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	-	-
12	-	-

7.309 TG01 connector to body harness

TG01 connector to body harness	
Connector model: 1000540-1-1	
	

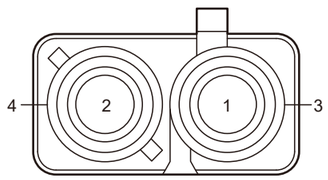
Terminal No.	Wire diameter/color	Feature description
A1	3.0/R	Rear defrosting power supply
A2	3.0/B	GND
A3	0.75/G	Liftgate lock motor grounding
A4	0.35/K	Liftgate lock full-locking signal
A5	0.35/P	Power supply of the license plate lamp
A6	0.75/W	Liftgate lock motor power supply
A7	0.5/G	Rear wiper reset
A8	0.5/W	Rear wiper power supply
A9	0.5/B	Rear wiper motor grounding
A10	0.35/O	Liftgate lock reset signal
A11	-	-
A12	-	-
A13	0.35/B	GND
A14	-	-
A15	0.35/O	Liftgate locking switch signal
A16	0.35/N	High-mounted stop lamp power supply
A17	0.35/B	GND
A18	0.35/P	Trunk unlocking switch signal
A19	0.35/P	Liftgate on/off signal
A20	0.35/R	Liftgate switch backlight power supply
A21	-	-
A22	0.35/Y	Liftgate buzzer's power
A23	-	-
A24	-	-
A25	-	-
A26	-	-

7.310 TG02 connector to body wiring harness

TG02 connector to body wiring harness	
Connector model: 1000681-2-1	
	

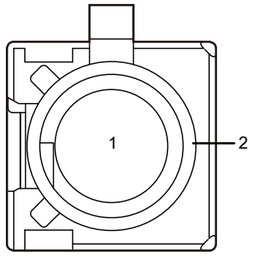
Terminal No.	Wire diameter/color	Feature description
1	-	Video signal
2	-	Shield ground

7.311 TG03 connector to body harness

TG03 connector to body harness	
Connector model: 1000779-2-1	
	

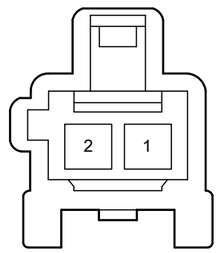
Terminal No.	Wire diameter/color	Feature description
1	-	DAB signal
2	-	DAB shield ground
3	-	FM signal
4	-	FM shield ground

7.312 TG05 connector to body wiring harness

TG05 connector to body wiring harness	
Connector model: 1000681-4-1	
	

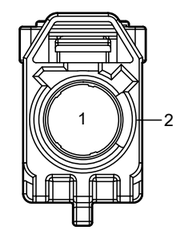
Terminal No.	Wire diameter/color	Feature description
1	-	AM/FM signal
2	-	Shield ground

7.313 TG07 connector to high-mounted stop lamp

TG07 connector to high-mounted stop lamp	
Connector model: 1000272-1-1	
	

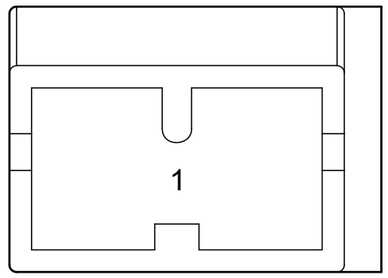
Terminal No.	Wire diameter/color	Feature description
1	0.35/N	Power supply
2	0.35/B	GND

7.314 TG08 connector to AM/FM antenna

TG08 connector to AM/FM antenna	
Connector model: 1000812-1-1	
	

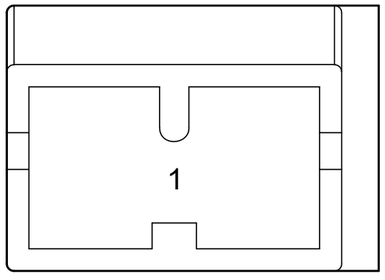
Terminal No.	Wire diameter/color	Feature description
1	-	AM/FM signal
2	-	Shield ground

7.315 TG10 connector to rear defrosting+

TG10 connector to defrosting+	
Connector model: 1000276-2-1	
	

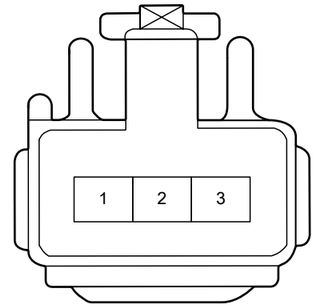
Terminal No.	Wire diameter/color	Feature description
1	3.0/R	Power supply

7.316 TG11 connector to rear defrosting-

TG11 connector to rear defrosting-	
Connector model: 1000276-2-1	
	

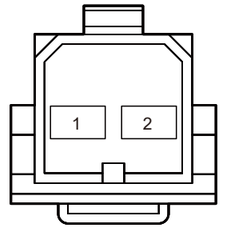
Terminal No.	Wire diameter/color	Feature description
1	3.0/B	GND

7.317 TG12 connector to rear wiper motor

TG12 connector to rear wiper motor	
Connector model: 1000174-1-1	
	

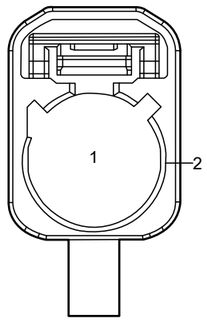
Terminal No.	Wire diameter/color	Feature description
1	0.5/G	Reset
2	0.5/W	Power supply
3	0.5/B	GND

7.318 TG13 connector to left license plate lamp

TG13 connector to left license plate lamp	
Connector model: 1000222-3-1	
	

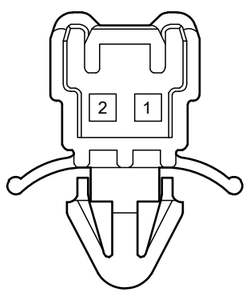
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
2	0.35/P	Left license plate lamp power supply

7.319 TG14 connector to rear around view parking camera

TG14 connector to rear around view parking camera	
Connector model: 1001183-2-1	
	

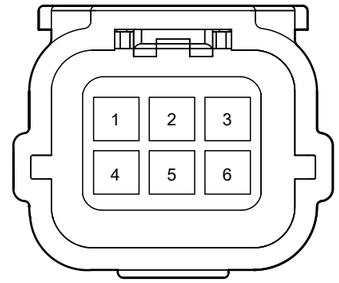
Terminal No.	Wire diameter/color	Feature description
1	-	Video signal
2	-	Shield ground

7.320 TG15 connector to PLG buzzer

TG15 connector to PLG buzzer	
Connector model: 1000170-1-1	
	

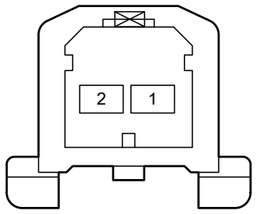
Terminal No.	Wire diameter/color	Feature description
1	0.35/Y	Power supply
2	0.35/B	GND

7.321 TG16 connector to liftgate button

TG16 connector to liftgate button	
Connector model: 1000275-1-1	
	

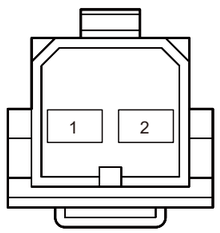
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	Backlight grounding
2	0.35/R	Backlight power supply
3	–	–
4	0.35/O	Liftgate locking switch signal
5	0.35/B	GND
6	–	–

7.322 TG17 connector to trunk button

TG17 connector to trunk button	
Connector model: 1000108-2-1	
	

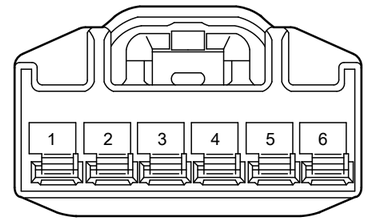
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
2	0.35/P	Trunk switch

7.323 TG18 connector to right license plate lamp

TG18 connector to right license plate lamp	
Connector model: 1000222-3-1	
	

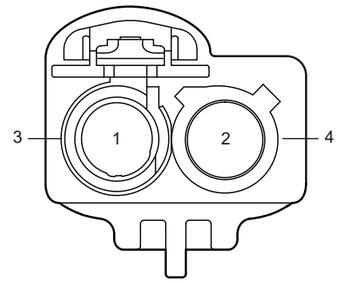
Terminal No.	Wire diameter/color	Feature description
1	0.35/B	GND
1	0.35/P	Right license plate lamp

7.324 TG20 connector to liftgate lock

TG20 connector to liftgate lock	
Connector model: 1000326-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.75/W	Door lock motor+
2	0.75/G	Door lock motor-
3	0.35/P	Half-locking signal
4	0.35/B	GND
5	0.35/O	Reset signal
6	0.35/K	Full-locking signal

7.325 TG21 connector to DAB antenna

TG21 connector to DAB antenna	
Connector model: 1000758-8-1	
	

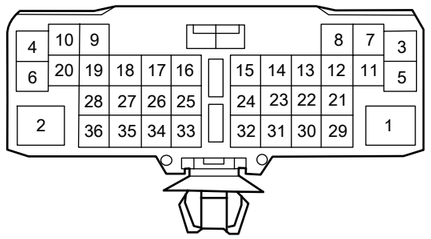
Terminal No.	Wire diameter/color	Feature description
1	-	DAB signal
2	-	Shield ground
3	--	FM signal
4	--	FM shield ground

7.326 AC01 connector to instrument panel harness

AC01 connector to instrument panel harness

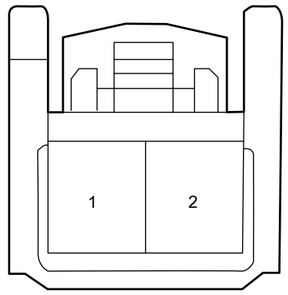
Connector model: 6098-9094 (Sumitomo)





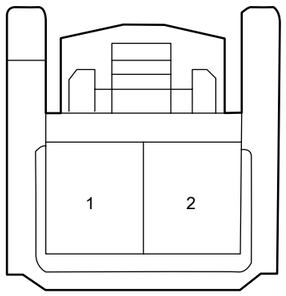
Terminal No.	Wire diameter/color	Feature description
1	3.0/R	Battery power supply
2	3.0/B	GND
3	0.5/B-W	Speed control signal
4	-	-
5	0.5/O	Speed control module signal feedback
6	-	-
7	0.3/R	5V power supply
8	0.3/Y-W	Main driver heating and cooling motor position signal
9	0.3/B	Sensor grounding
10	0.3/P-W	Main driver heating and cooling motor control
11	0.3/N	Main driver heating and cooling motor control
12	-	-
13	0.3/U	Front passenger heating and cooling motor position signal
14	0.3/P	Front passenger heating and cooling motor control
15	0.3/W	Front passenger heating and cooling motor control
16	-	-
17	0.3/S	Mode damper motor position signal
18	0.3/G	Mode damper motor control
19	0.3/R-U	Mode damper motor control
20	-	-
21	0.3/G-B	Main driver foot-blowing temperature signal
22	0.3/W-U	Front passenger face-blowing temperature signal
23	0.3/Y-G	Main driver face-blowing temperature signal
24	0.3/U-W	Front passenger foot-blowing temperature signal
25	-	-
26	0.3/U-R	Front passenger circulation motor position signal
27	0.3/G-Y	Front passenger circulation motor control
28	0.3/W-B	Front passenger circulation motor control
29	-	-
30	0.3/B-Y	Main driver circulation motor position signal
31	0.3/U-B	Main driver circulation motor control
32	0.3/B-G	Main driver circulation motor control
33	0.3/Y	EVA temperature signal
34	0.3/G	Sensor grounding
35	-	-
36	-	-

7.327 AC02 connector to right face-blowing air outlet temperature sensor

AC02 connector to right face-blowing air outlet temperature sensor	
Connector model: 3TKA02FW(Hulian)	
	

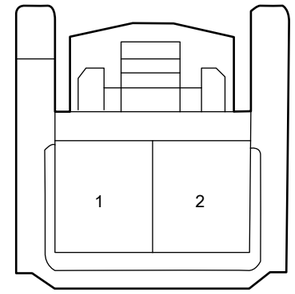
Terminal No.	Wire diameter/color	Feature description
1	0.3/W-U	Front passenger face-blowing temperature signal
2	0.3/G	Sensor grounding

7.328 AC03 connector to left face-blowing air outlet temperature sensor

AC03 connector to left face-blowing air outlet temperature sensor	
Connector model: 3TKA02FW(Hulian)	
	

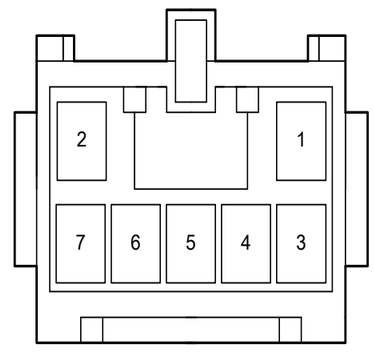
Terminal No.	Wire diameter/color	Feature description
1	0.3/Y-G	Main driver face-blowing temperature signal
2	0.3/G	Sensor grounding

7.329 AC04 connector to left foot-blowing air outlet temperature sensor

AC04 connector to left foot-blowing air outlet temperature sensor	
Connector model: 3TKA02FW(Hulian)	
	

Terminal No.	Wire diameter/color	Feature description
1	0.3/G-B	Main driver foot-blowing temperature signal
2	0.3/G	Sensor grounding

7.330 AC05 connector to left circulation actuator

AC05 connector to left circulation actuator	
Connector model: PH845 - 07020(KUM)	
	

Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-

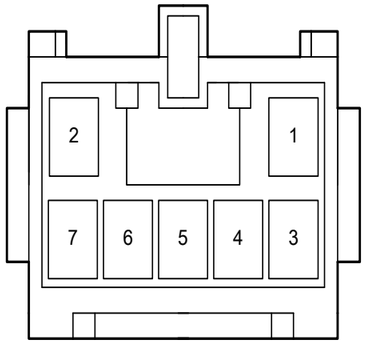
Terminal No.	Wire diameter/color	Feature description
3	0.3/B-G	Main driver circulation motor control
4	0.3/U-B	Main driver circulation motor control
5	0.3/R	5V power supply
6	0.3/B-Y	Main driver circulation motor position signal
7	0.3/B	Sensor grounding

7.331 AC06 connector to right circulation actuator

AC06 connector to right circulation actuator

Connector model: PH845 - 07020(KUM)





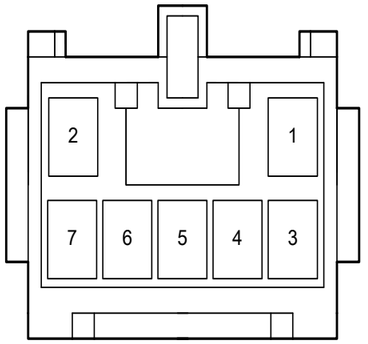
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.3/W-B	Front passenger circulation motor control
4	0.3/G-Y	Front passenger circulation motor control
5	0.3/B	Sensor grounding
6	0.3/U-R	Front passenger circulation motor position signal
7	0.3/R	5V power supply

7.332 AC07 connector to mode actuator

AC07 connector to mode actuator

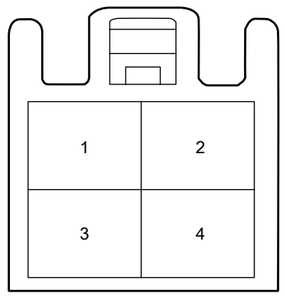
Connector model: PH845–07010(KUM)





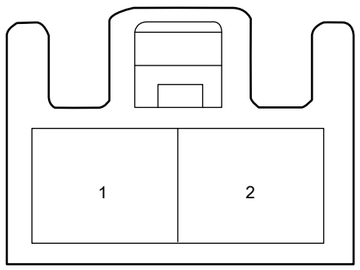
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.3/G	Mode damper motor control
4	0.3/R-U	Mode damper motor control
5	0.3/R	5V power supply
6	0.3/S	Mode damper motor position signal
7	0.3/B	Sensor grounding

7.333 AC08 connector to speed regulation module (console)

AC08 connector to speed regulation module (console)	
Connector model: 7283-6469-40 (Yazaki)	
	

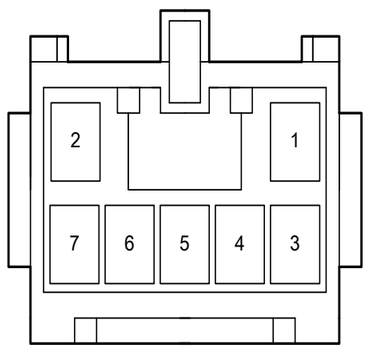
Terminal No.	Wire diameter/color	Feature description
1	3.0/B	GND
2	0.5/O	Speed control signal feedback
3	3.0/R	Power supply
4	0.5/B-W	Speed control signal

7.334 AC09 connector to speed regulation module (blower side)

AC09 connector to speed regulation module (blower side)	
Connector model: 7283-6458-40 (Yazaki)	
	

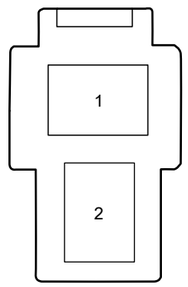
Terminal No.	Wire diameter/color	Feature description
1	3.0/B	Blower-
2	3.0/R	Blower+

7.335 AC10 connector to left blend actuator

AC10 connector to left blend actuator	
Connector model: PH845 - 07020(KUM)	
	

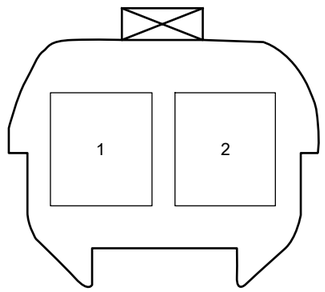
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.3/P-W	Main driver heating and cooling motor control
4	0.3/N	Main driver heating and cooling motor control
5	0.3/R	5V power supply
6	0.3/Y-W	Main driver heating and cooling motor position signal
7	0.3/B	Sensor grounding

7.336 AC11 connector to blower

AC11 connector to blower	
Connector model: 0306102 (Tenkai)	
	

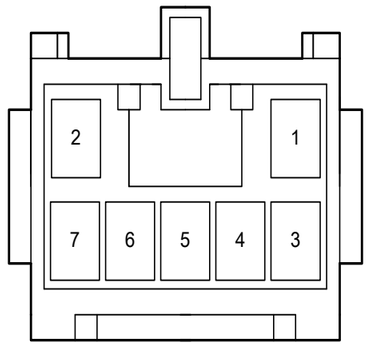
Terminal No.	Wire diameter/color	Feature description
1	3.0/R	Blower+
2	3.0/B	Blower-

7.337 AC12 connector to evaporator temperature sensor

AC12 connector to evaporator temperature sensor	
Connector model: 0602301 (Tenkai)	
	

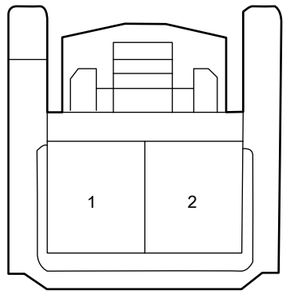
Terminal No.	Wire diameter/color	Feature description
1	0.3/Y	EVA temperature signal
2	0.3/G	Sensor grounding

7.338 AC13 connector to right blend actuator

AC13 connector to right blend actuator	
Connector model: PH845 - 07020(KUM)	
	

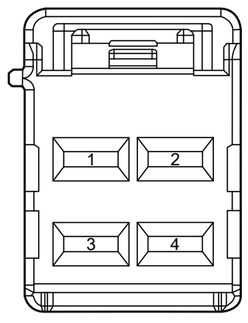
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	0.3/W	Front passenger heating and cooling motor control
4	0.3/P	Front passenger heating and cooling motor control
5	0.3/B	Sensor grounding
6	0.3/U	Front passenger heating and cooling motor position signal
7	0.3/R	5V power supply

7.339 AC14 connector to right foot-blowing air outlet temperature sensor

AC14 connector to right foot-blowing air outlet temperature sensor	
Connector model: 3TKA02FW(Hulian)	
	

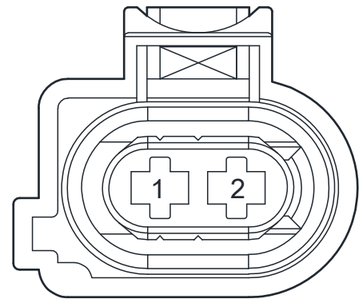
Terminal No.	Wire diameter/color	Feature description
1	0.3/U-W	Front passenger foot-blowing temperature signal
2	0.3/G	Sensor grounding

7.340 CA01 connector to body harness

CA01 connector to body harness	
Connector model: 1000868-1-1	
	

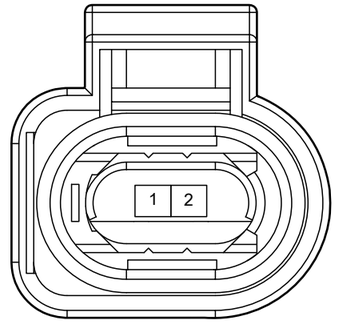
Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Rear left wheel speed sensor+
2	0.5/U	Rear left wheel speed sensor-
3	2.5/R	Motor-integrated rear left caliper+
4	2.5/B	Motor-integrated rear left caliper-

7.341 CA02 connector to motor integrated left rear caliper

CA02 connector to motor integrated left rear caliper	
Connector model: 1000029-1-1	
	

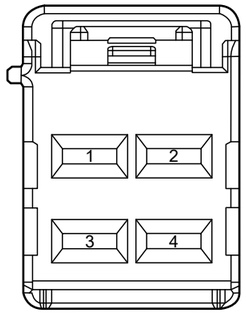
Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Motor-integrated left rear caliper+
2	2.5/B	Motor-integrated left rear caliper-

7.342 CA03 connector to left rear inline wheel speed sensor

CA03 connector to left rear inline wheel speed sensor	
Connector model: 1000130-1-2	
	

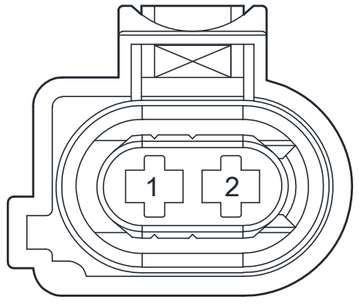
Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Left rear wheel speed sensor+
2	0.5/U	Left rear wheel speed sensor-

7.343 CA04 connector to body harness

CA04 connector to body harness	
Connector model: 1000868-1-1	
	

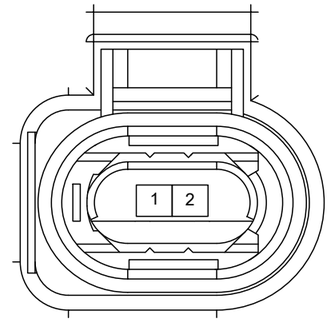
Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Rear right wheel speed sensor+
2	0.5/U	Rear right wheel speed sensor-
3	2.5/R	Motor-integrated rear right caliper+
4	2.5/B	Motor-integrated rear right caliper-

7.344 CA05 connector to motor integrated right rear caliper

CA05 connector to motor integrated right rear caliper	
Connector model: 1000029-1-1	
	

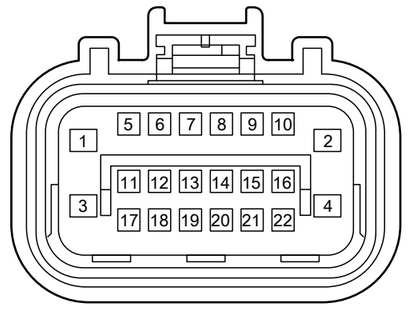
Terminal No.	Wire diameter/color	Feature description
1	2.5/R	Motor-integrated right rear caliper+
2	2.5/B	Motor-integrated right rear caliper-

7.345 CA06 connector to right rear inline wheel speed sensor

CA06 connector to right rear inline wheel speed sensor	
Connector model: 1000130-1-2	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/Y	Right rear wheel speed sensor+
2	0.5/U	Right rear wheel speed sensor-

7.346 CS01 connector to front body harness

CS01 connector to front body harness	
Connector model: 1001011-1-1	
	

Terminal No.	Wire diameter/color	Feature description
1	0.5/S	CP (National standard)
1	0.5/B	CP (European standard)
2	0.5/K	CC

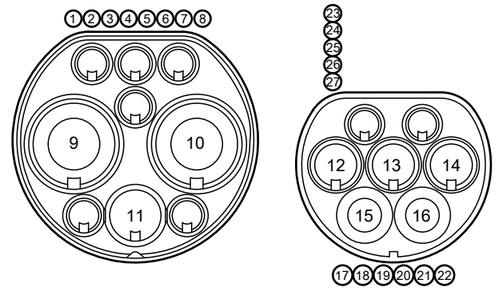
Terminal No.	Wire diameter/color	Feature description
3	0.35/K	Fast charging CAN-H (National standard)
4	0.35/U	Fast charging CAN-L (National standard)
5	0.5/O	L1 temperature+
6	0.35/P	CC2 detection CP
6	0.5/S	CP (European standard)
7	0.35/N	Fast charging wake-up (National standard)
8	0.5/U	Electronic lock 1 + (National standard)
8	0.5/Y	Electronic lock status 1+ (European standard)
9	0.5/G	Electronic lock status 2+
10	0.5/S	Sensor grounding (National standard)
10	0.5/U	Sensor grounding (European standard)
11	0.5/W	Electronic lock+ (National standard)
11	0.5/R	Electronic lock+ (European standard)
12	0.5/B	Electronic lock-
13	0.5/P	N temperature+
14	0.5/S	DC + temperature signal
15	0.5/K	DC - temperature signal
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-
22	-	-

7.347 CS02 connector to charging socket 1 (National standard)

CS02 connector to charging socket 1 (National standard)

Connector model: 1100177-1-1





Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	95.0/O	DC-
10	95.0/O	DC+
11	25.0/Y-G	GND
12	6.0/O	N
13	6.0/Y-G	GND
14	6.0/O	L1
15	-	-
16	-	-
17	-	-
18	-	-
19	-	-
20	-	-
21	-	-

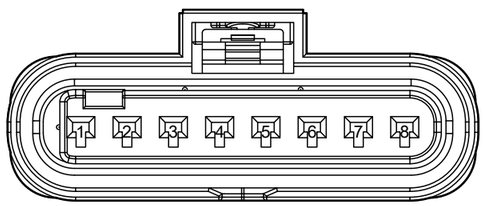
Terminal No.	Wire diameter/color	Feature description
22	-	-
23	0.5/G	Electronic lock status 2+
24	0.5/U	Electronic lock status 1+
25	0.5/S	Electronic lock status-
26	0.5/B	Electronic lock-
27	0.5/W	Electronic lock+

7.348 CS03 connector to charging socket 2 (National standard)

CS03 connector to charging socket 2 (National standard)

Connector model: 1000635-1-1





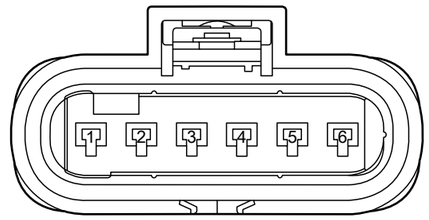
Terminal No.	Wire diameter/color	Feature description
1	0.5/K	DC - temperature signal
2	0.35/U	Fast charging CAN-L
3	0.5/S	Sensor grounding
4	-	-
5	0.35/P	CC2 detection
6	0.35/N	Fast charging wake-up
7	0.5/S	DC + temperature signal
8	0.35/K	Fast charging CAN-H

7.349 CS04 connector to charging socket 3 (National standard)

CS04 connector to charging socket 3 (National standard)

Connector model: 1000732-1-1





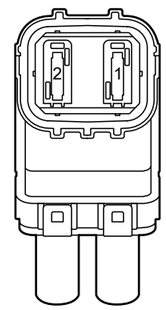
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	0.5/K	CC
3	0.5/O	L1 temperature+
4	0.5/S	Temperature-
5	0.5/P	N temperature+
6	0.5/S	CP

7.350 CS05 connector to battery pack box (National standard)

CS05 connector to battery pack box (National standard)

Connector model: 1100131-3-1





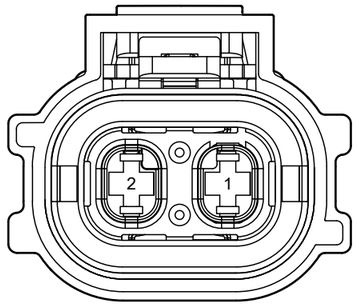
Terminal No.	Wire diameter/color	Feature description
1	95.0/O	Assembly negative
2	95.0/O	Assembly positive

7.351 CS06 connector to integrated electric drive assembly (National standard)

CS06 connector to integrated electric drive assembly (National standard)

Connector model: 1100153-1-1





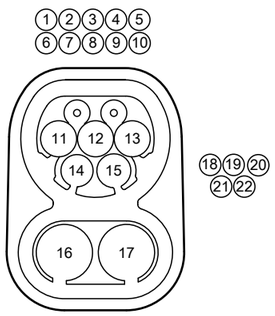
Terminal No.	Wire diameter/color	Feature description
1	6.0/O	L1
2	6.0/O	N

7.352 CS09 connector to charging socket 1 (European standard)

CS09 connector to charging socket 1 (European standard)

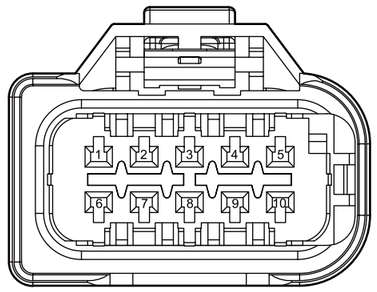
Connector model: 1100206-2-1





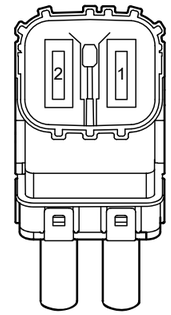
Terminal No.	Wire diameter/color	Feature description
1	-	-
2	-	-
3	-	-
4	-	-
5	-	-
6	-	-
7	-	-
8	-	-
9	-	-
10	-	-
11	6.0/O	L1
12	25.0/Y-G	GND
13	6.0/O	N
14	-	-
15	-	-
16	95.0/O	DC-
17	95.0/O	DC+
18	0.5/Y	Electronic lock status 1+
19	0.5/U	Electronic lock status 2+
20	0.5/G	Electronic lock status-
21	0.5/B	Electronic lock-
22	0.5/R	Electronic lock+
23	-	-
24	-	-
25	-	-
26	-	-
27	-	-

7.353 CS10 connector to charging socket 2 (European standard)

CS10 connector to charging socket 2 (European standard)	
Connector model: 1001189-1-1	
	

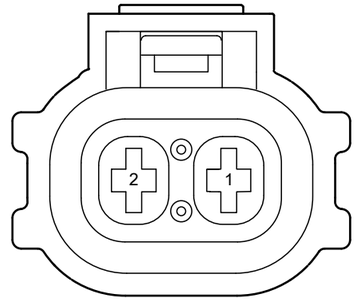
Terminal No.	Wire diameter/color	Feature description
1	0.5/O	L1 temperature+
2	0.5/K	CC
3	0.5/U	Temperature-
4	0.5/S	CP
5	0.5/P	N temperature+
6	-	-
7	0.5/K	DC - temperature signal
8	0.5/U	Temperature sensor grounding
9	0.5/S	DC + temperature signal
10	-	-

7.354 CS11 connector to battery pack box (European standard)

CS11 connector to battery pack box (European standard)	
Connector model: 1100131-4-1	
	

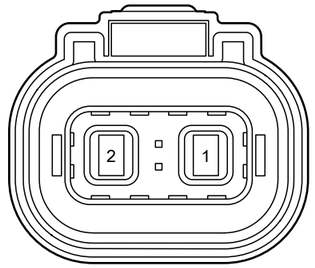
Terminal No.	Wire diameter/color	Feature description
1	95.0/O	Assembly positive
2	95.0/O	Assembly negative

7.355 CS12 connector to integrated electric drive assembly (European standard)

CS12 connector to integrated electric drive assembly (European standard)	
Connector model: 1100205-1-1	
	

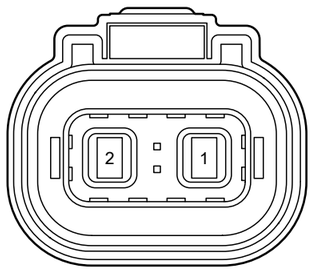
Terminal No.	Wire diameter/color	Feature description
1	6.0/O	L1
2	6.0/O	N

7.356 AH01 connector to A/C compressor assembly

AH01 connector to A/C compressor assembly	
Connector model: 1100179-1-1	
	

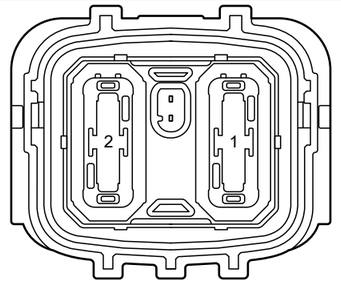
Terminal No.	Wire diameter/color	Feature description
1	4.0/O	ECP+
2	4.0/O	ECP-

7.357 AH02 connector to integrated electric drive assembly

AH02 connector to integrated electric drive assembly	
Connector model: 1100179-2-1	
	

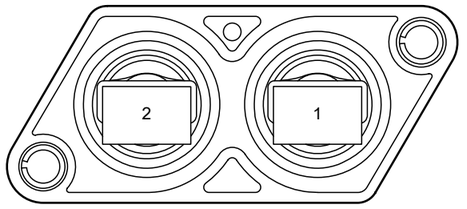
Terminal No.	Wire diameter/color	Feature description
1	4.0/O	ECP-
2	4.0/O	ECP+

7.358 BH01 connector to battery pack box

BH01 connector to battery pack box	
Connector model: 1100132-1-1	
	

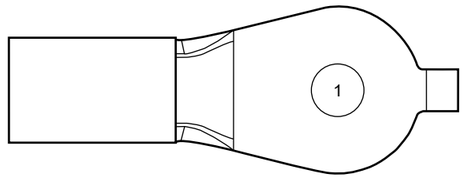
Terminal No.	Wire diameter/color	Feature description
1	50.0/O	Assembly negative
2	50.0/O	Assembly positive

7.359 BH02 connector to integrated electric drive assembly

BH02 connector to integrated electric drive assembly	
Connector model: 1100156-1-1	
	

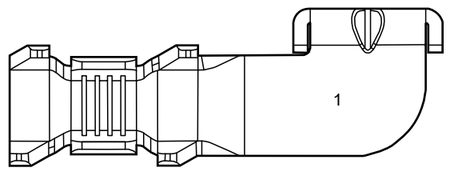
Terminal No.	Wire diameter/color	Feature description
1	50.0/O	Assembly negative
2	50.0/O	Assembly positive

7.360 BG01 connector to battery pack box

BG01 connector to battery pack box	
Connector model: 2100204-1-1	
	

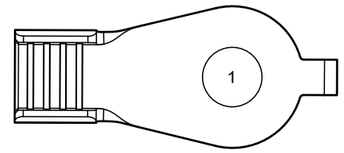
Terminal No.	Wire diameter/color	Feature description
1	25.0/B	GND

7.361 BN01 connector to negative terminal of the battery

BN01 connector to negative terminal of the battery	
Connector model: 2100078-1-1	
	

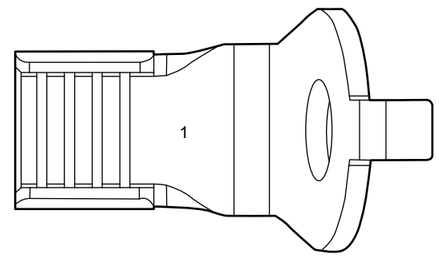
Terminal No.	Wire diameter/color	Feature description
1	25.0/B	GND

7.362 DG01 connector to DCDC grounding

DG01 connector to DCDC grounding	
Connector model: 2100095-1-1	
	

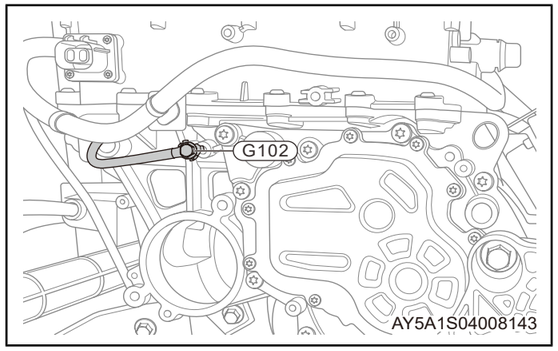
Terminal No.	Wire diameter/color	Feature description
1	25.0/B	DC-

7.362 MG01 connector to integrated electric drive assembly grounding

MG01 connector to integrated electric drive assembly grounding	
Connector model: 2100095-3-1	
	

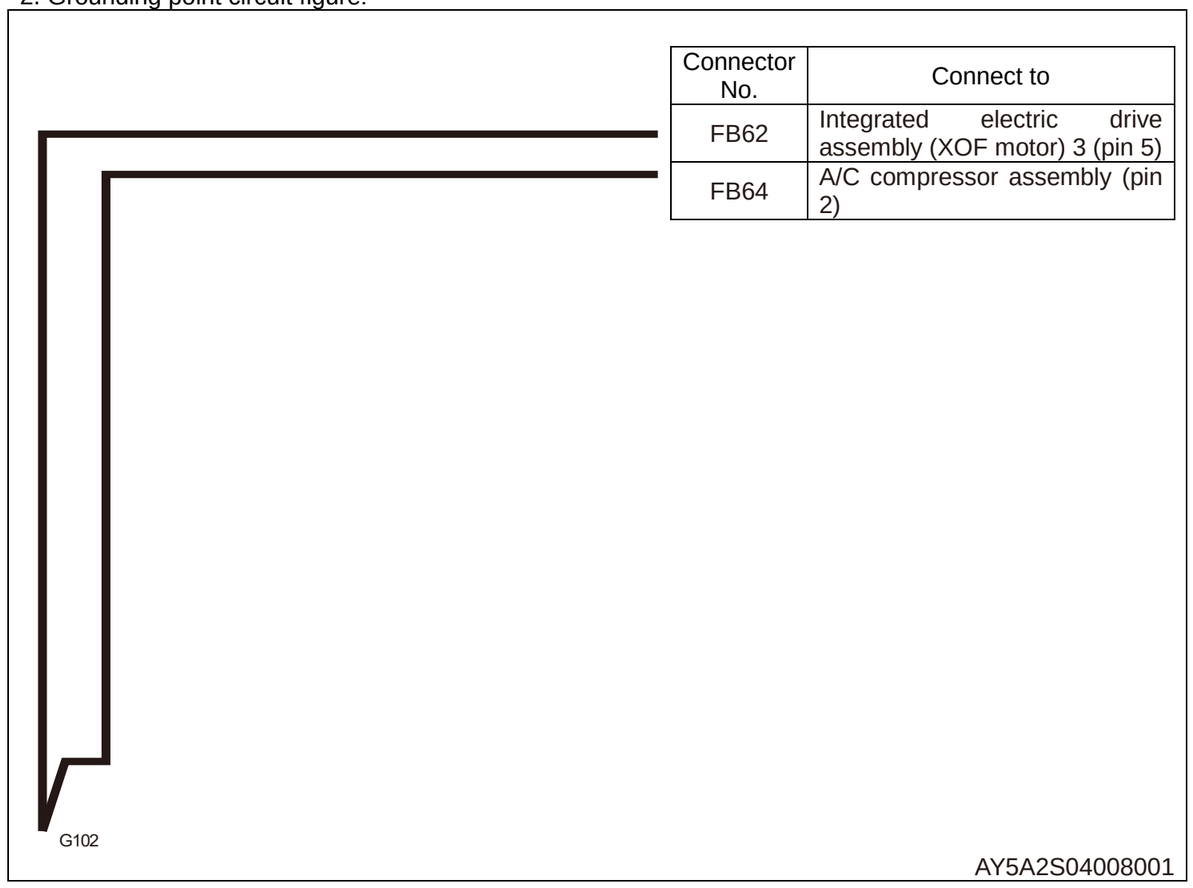
Terminal No.	Wire diameter/color	Feature description
1	25.0/B	GND

8.1 Grounding Point 102-1



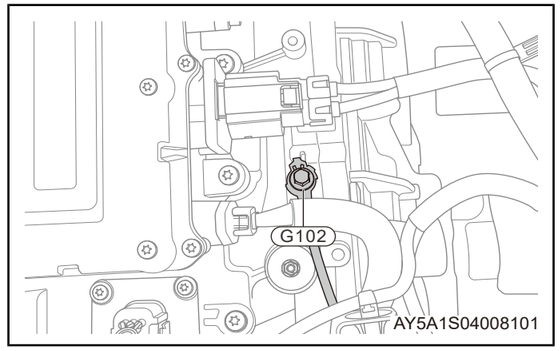
1. Grounding point location:
■ On the integrated electric drive assembly of front right drive shaft

2. Grounding point circuit figure:



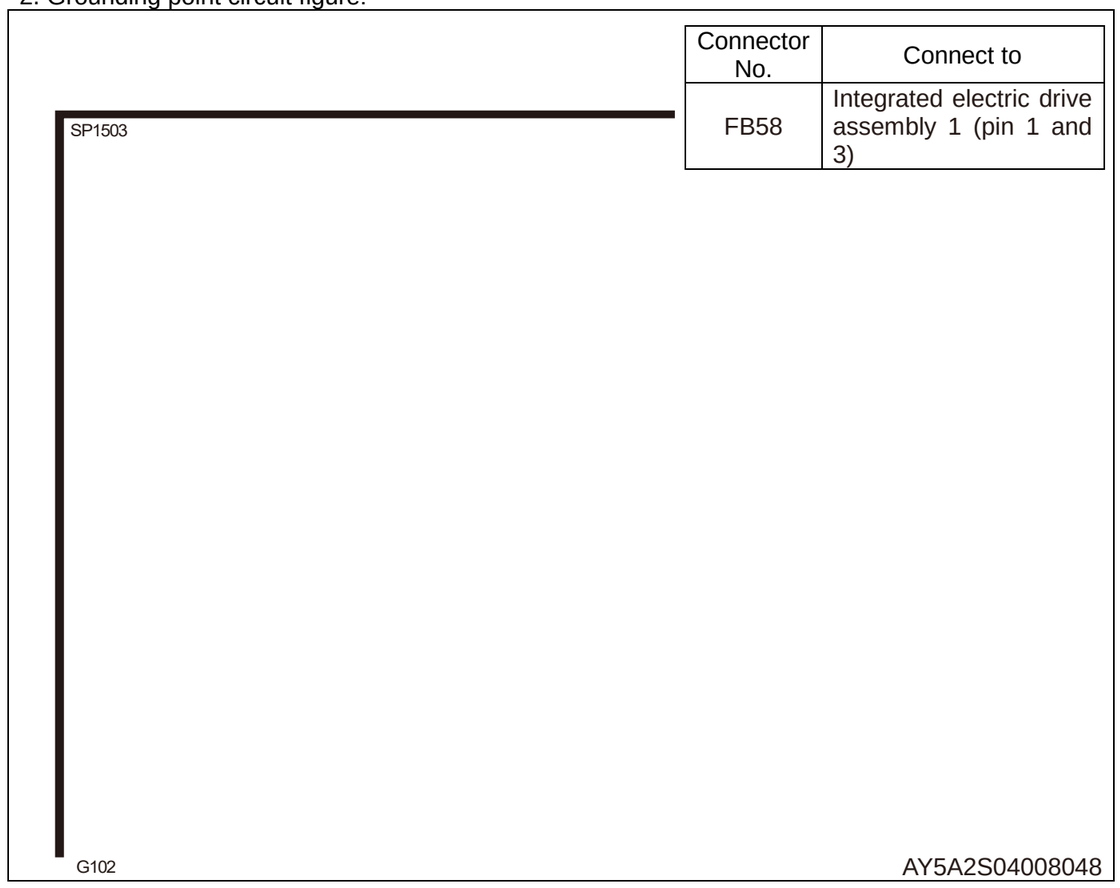
Connector No.	Connect to
FB62	Integrated electric drive assembly (XOF motor) 3 (pin 5)
FB64	A/C compressor assembly (pin 2)

8.2 Grounding point G102–2



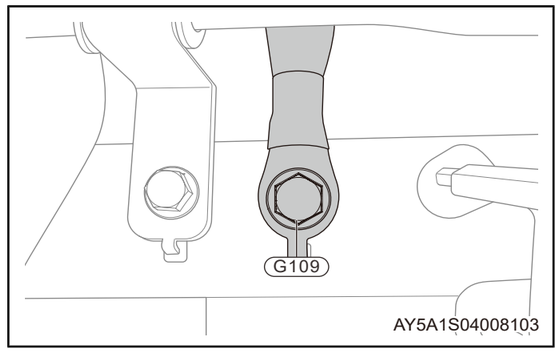
1. Grounding point location:
■ On the integrated electric drive assembly underneath the rear of the VCU

2. Grounding point circuit figure:



Connector No.	Connect to
FB58	Integrated electric drive assembly 1 (pin 1 and 3)

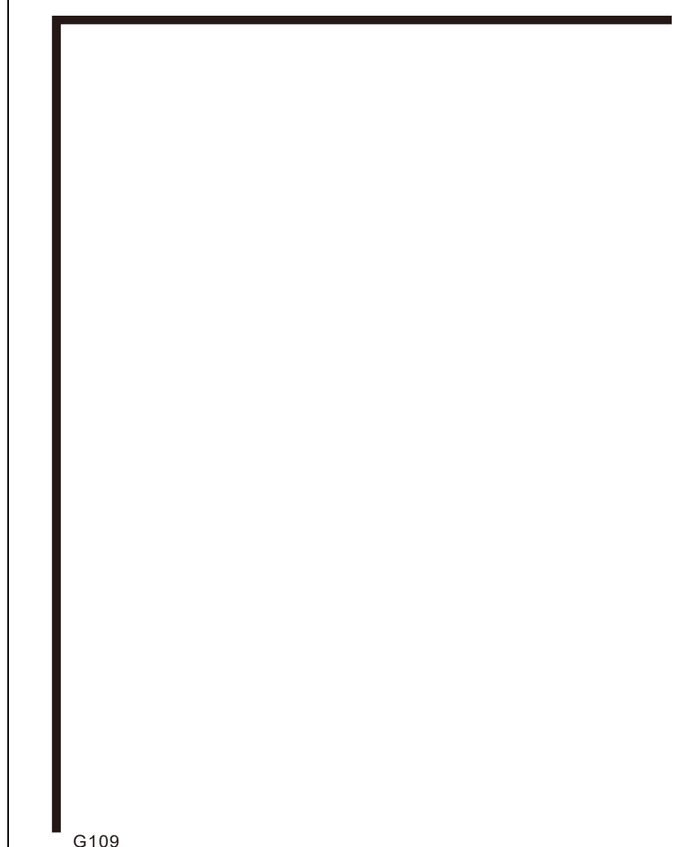
8.3 Grounding point G109



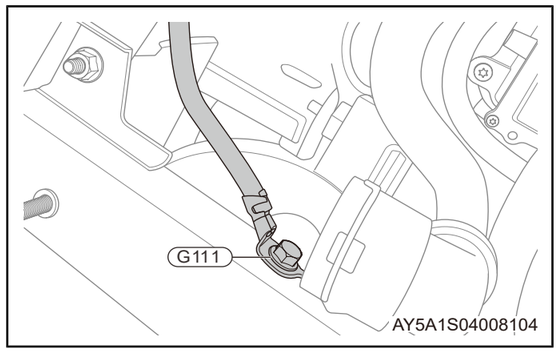
1. Grounding point location:
■ On the combination bracket above the integrated electric drive assembly

2. Grounding point circuit diagram:

Connector No.	Connect to
DG01	DCDC grounding (pin 1)



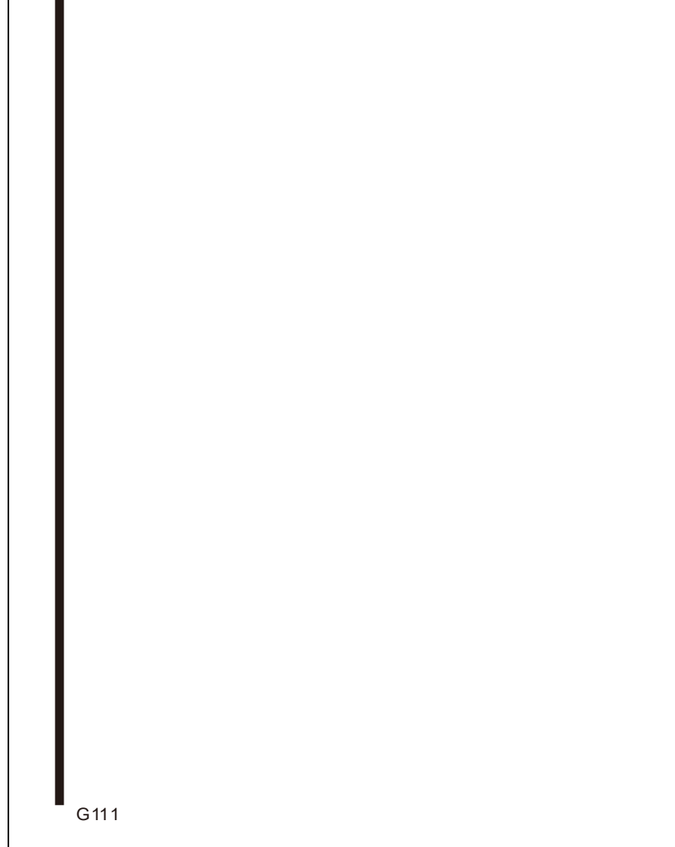
8.4 Grounding point G111



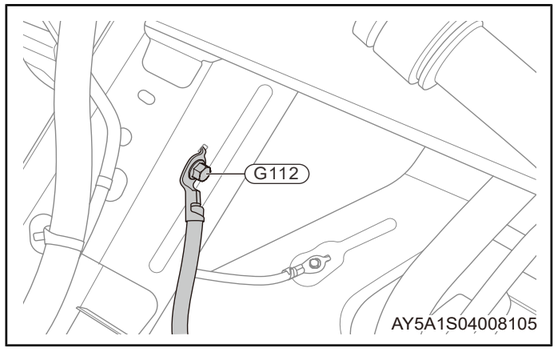
1. Grounding point location:
■ On the combination bracket underneath the thermal management integrated module

2. Grounding point circuit diagram:

Connector No.	Connect to
G112	Ground points

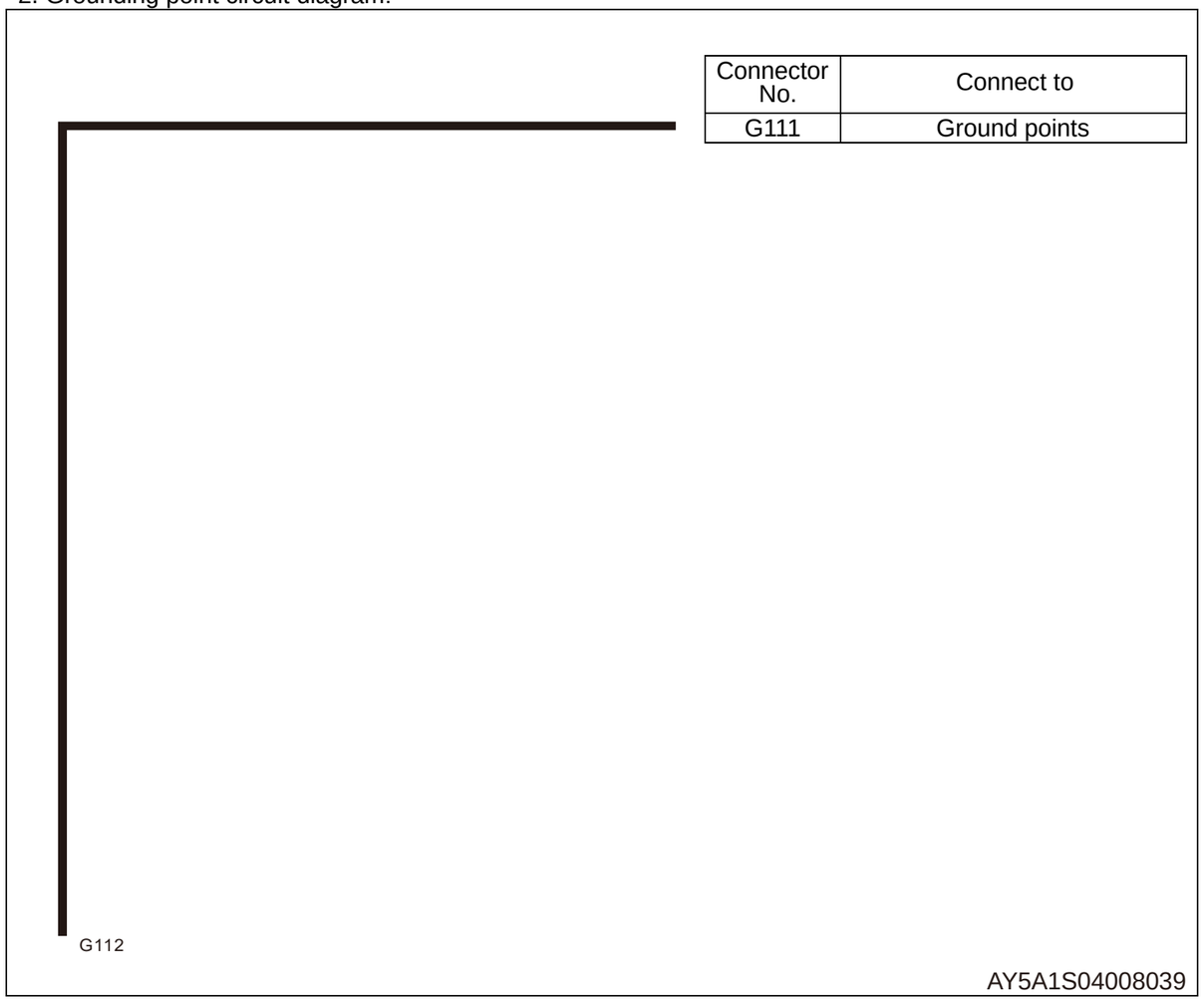


8.5 Grounding point G112



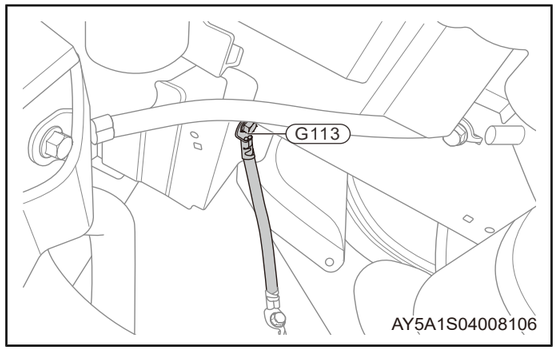
1. Grounding point location:
■ On the right front longitudinal beam underneath the thermal management integrated module

2. Grounding point circuit diagram:



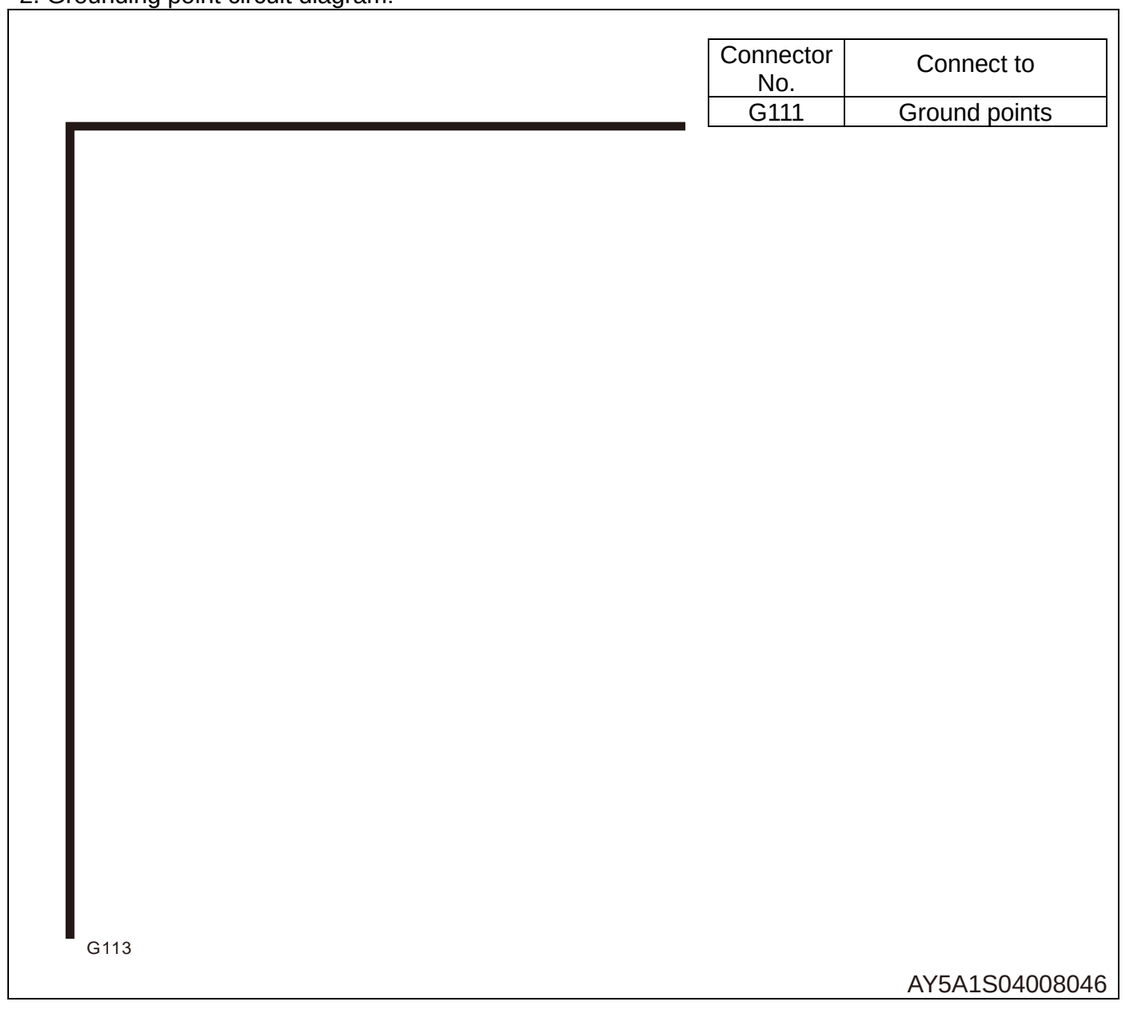
Connector No.	Connect to
G111	Ground points

8.6 Grounding point G113



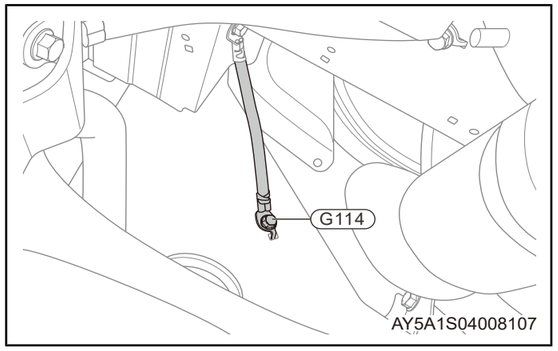
1. Grounding point location:
■ Lower side of right front longitudinal beam on the left side of the right front wheel

2. Grounding point circuit diagram:



Connector No.	Connect to
G111	Ground points

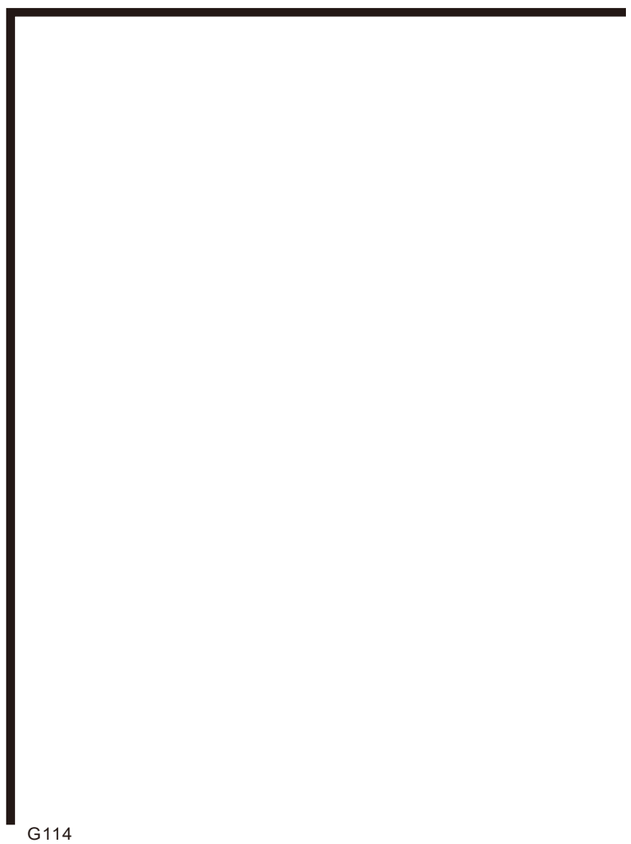
8.7 Grounding point G114



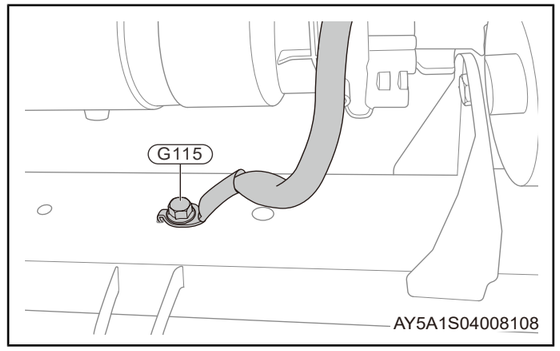
1. Grounding point location:
■ On the right front subframe on the left side of the right front wheel

2. Grounding point circuit diagram:

Connector No.	Connect to
G113	G113



8.8 Grounding point G115



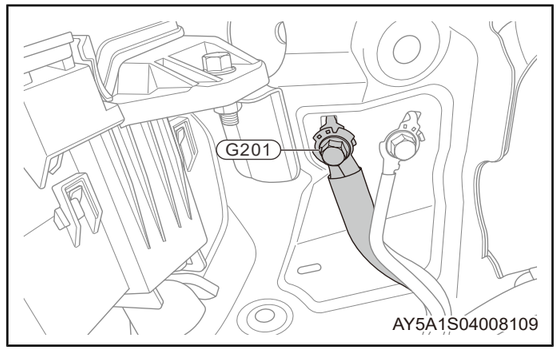
1. Grounding point location:
■ On the front subframe in front of the PTC

2. Grounding point circuit diagram:

Connector No.	Connect to
MG01	Integrated electric drive assembly grouding (pin 1)

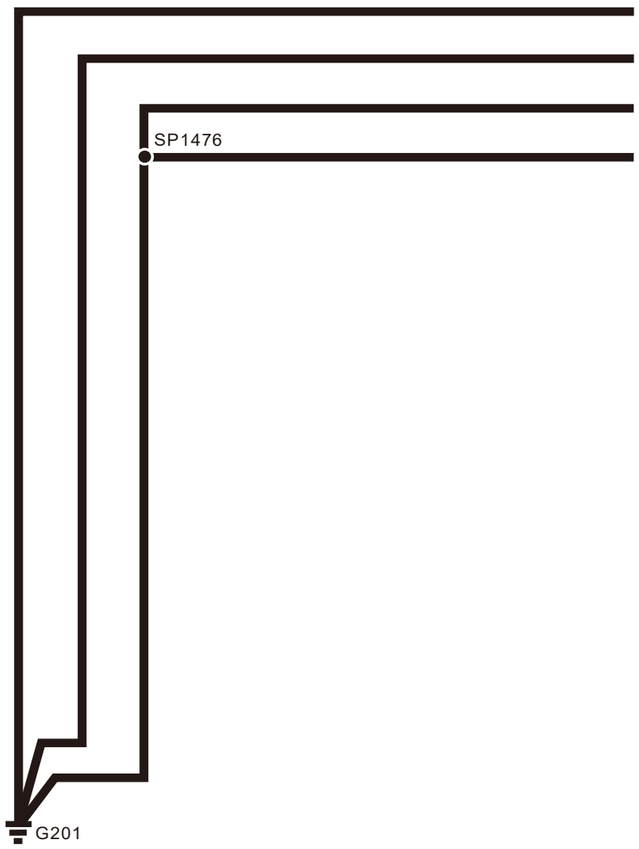


8.9 Grounding point G201



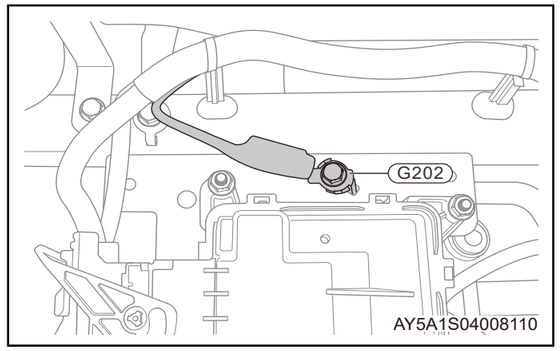
1. Grounding point location:
■ On the left front longitudinal beam in front of the front body electrical box

2. Grounding point circuit diagram:



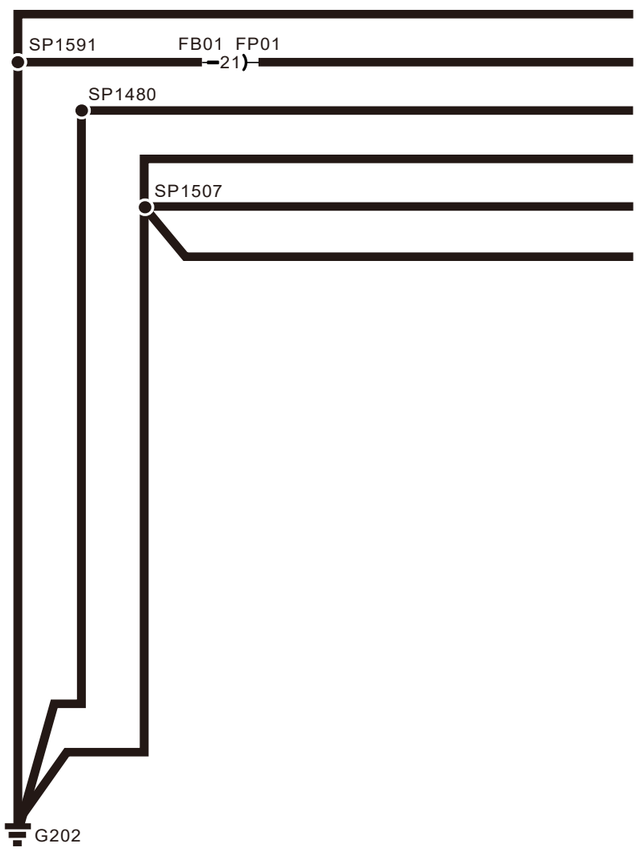
Connector No.	Connect to
FB27	Electronic fan (pin 3)
FB26	Lower active air intake grille (pin 1)
FB20	Left electric horn- (pin 1)
FB23	Right electric horn- (pin 1)

8.10 Grounding point G202



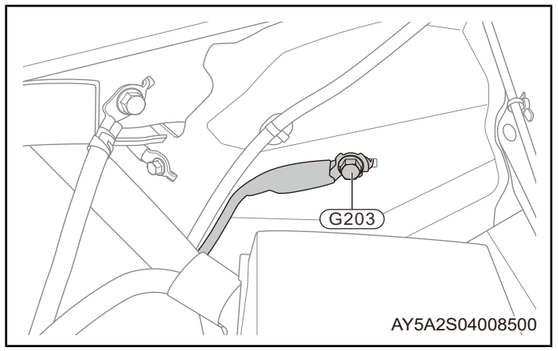
1. Grounding point location:
■ On the rear combination bracket of the VCU

2. Grounding point circuit figure:



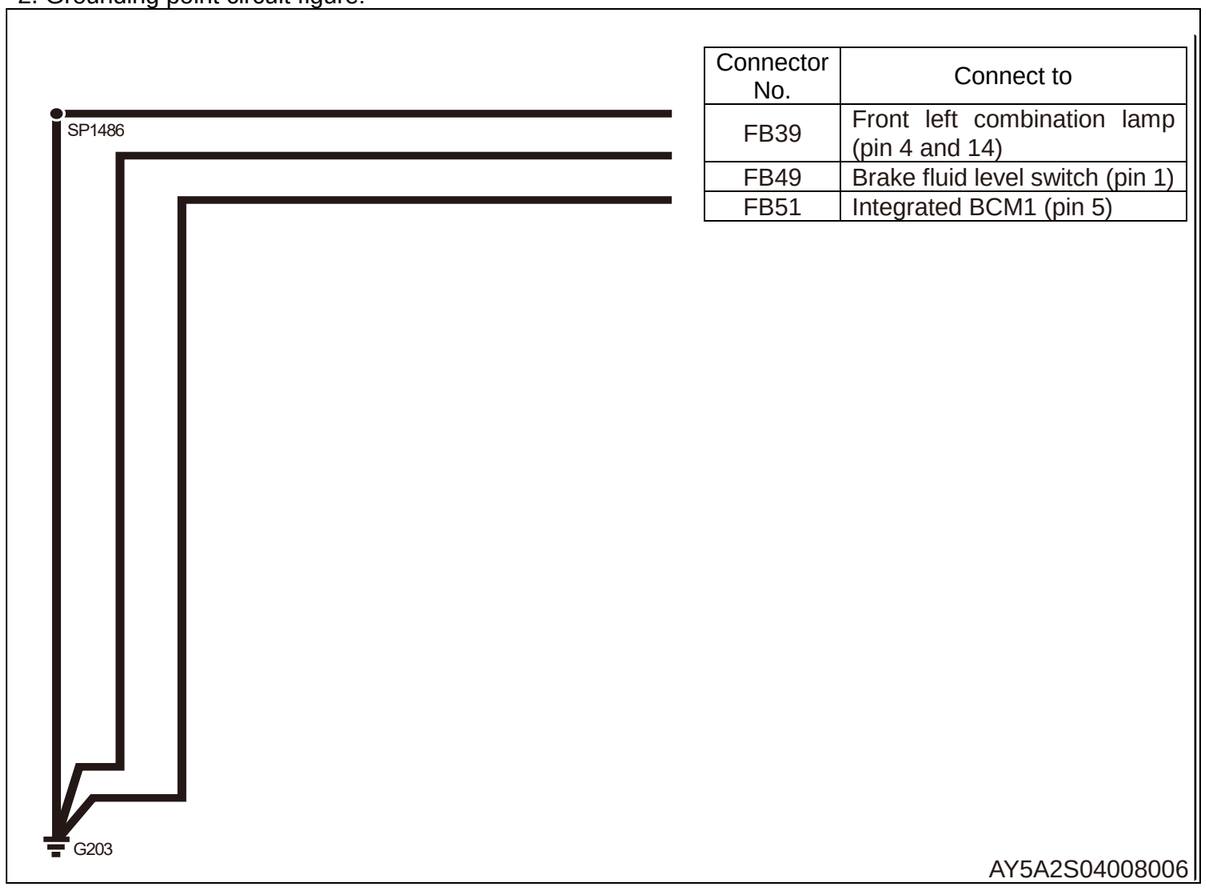
Connector No.	Connect to
FB21	Engine hood latch (pin 2)
FP12	MRR (pin 4)
FB46	Cooler electronic expansion valve (pin 4)
ER07	Rear defrosting relay (pin 86)
ER05	Blower relay (pin 86)
ER09	Fan relay (pin 86)

8.11 Grounding point G203



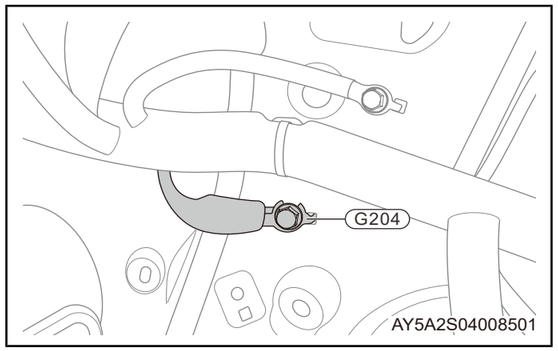
1. Grounding point location:
■ On the left sidewall panel of the front body in front of the EPS assembly

2. Grounding point circuit figure:



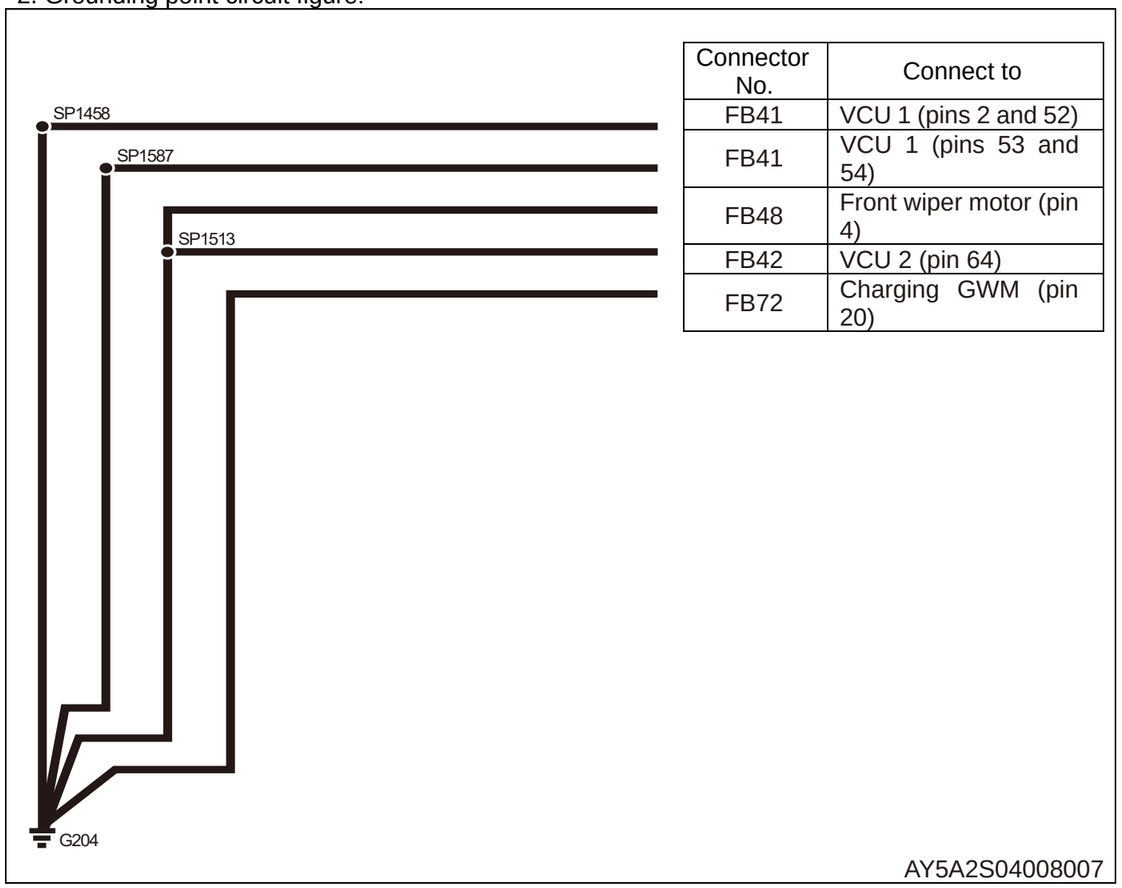
Connector No.	Connect to
FB39	Front left combination lamp (pin 4 and 14)
FB49	Brake fluid level switch (pin 1)
FB51	Integrated BCM1 (pin 5)

8.12 Grounding point G204



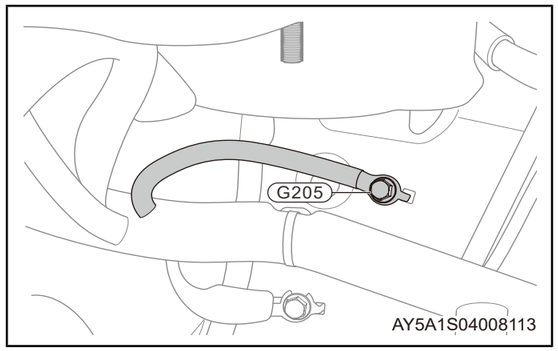
1. Grounding point location:
▪ On the left front wheelhouse behind the front body electrical box

2. Grounding point circuit figure:



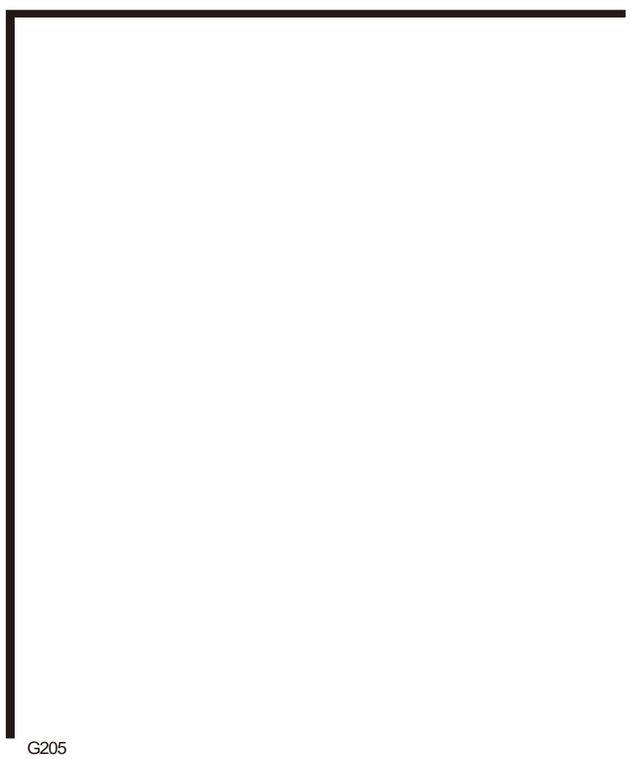
Connector No.	Connect to
FB41	VCU 1 (pins 2 and 52)
FB41	VCU 1 (pins 53 and 54)
FB48	Front wiper motor (pin 4)
FB42	VCU 2 (pin 64)
FB72	Charging GWM (pin 20)

8.13 Grounding point G205



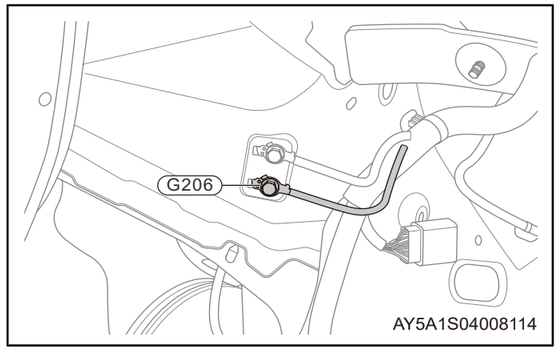
1. Grounding point location:
■ On the left sidewall panel of the front body in front of the EPS assembly

2. Grounding point circuit figure:



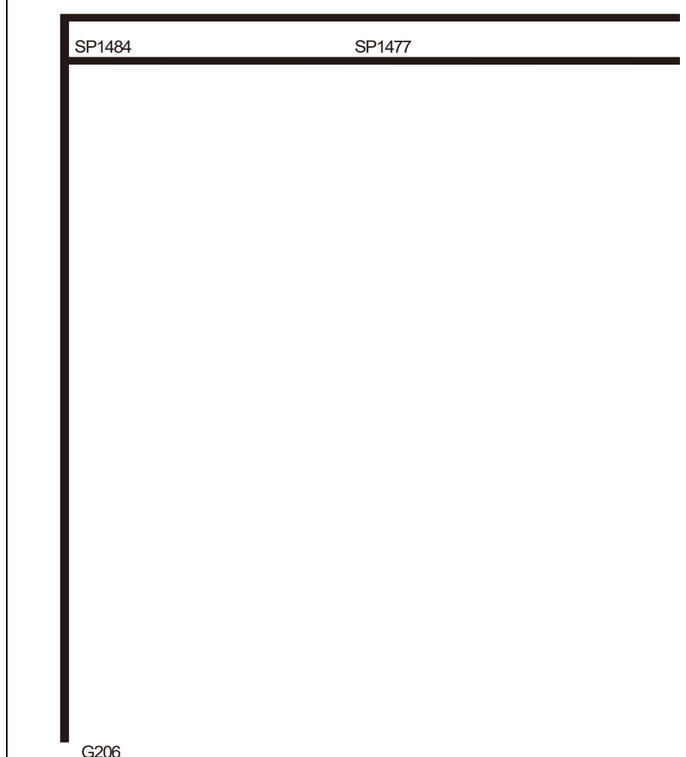
Connector No.	Connect to
FB47	Electronic stability control unit (pin 2 and 4)

8.14 Grounding point G206



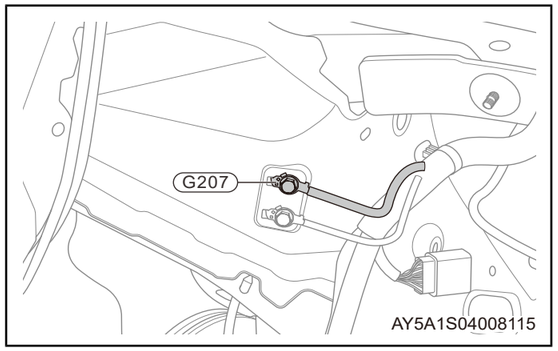
1. Grounding point location:
■ On the rear right front wheelhouse of the thermal management integrated module

2. Grounding point circuit figure:



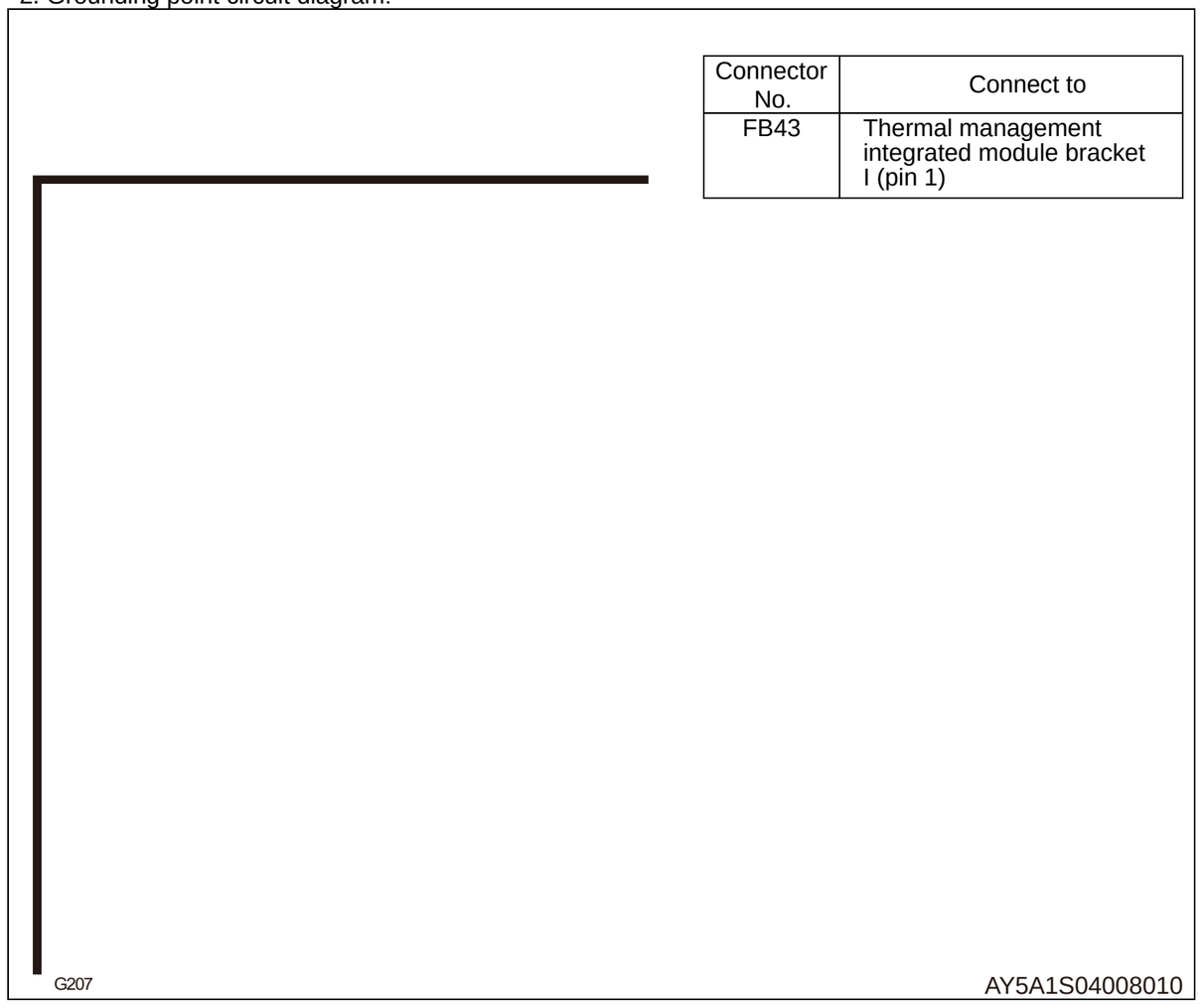
Connector No.	Connect to
FB45	Battery pack box (pins 1, 8)
FB55	DLC (OBD-EV) (pins 4, 5)

8.15 Grounding point G207



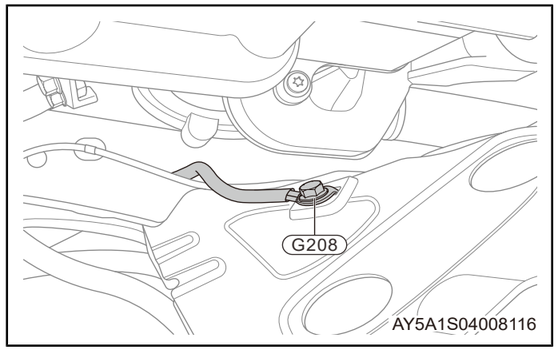
1. Grounding point location:
■ On the rear right front wheelhouse of the thermal management integrated module

2. Grounding point circuit diagram:



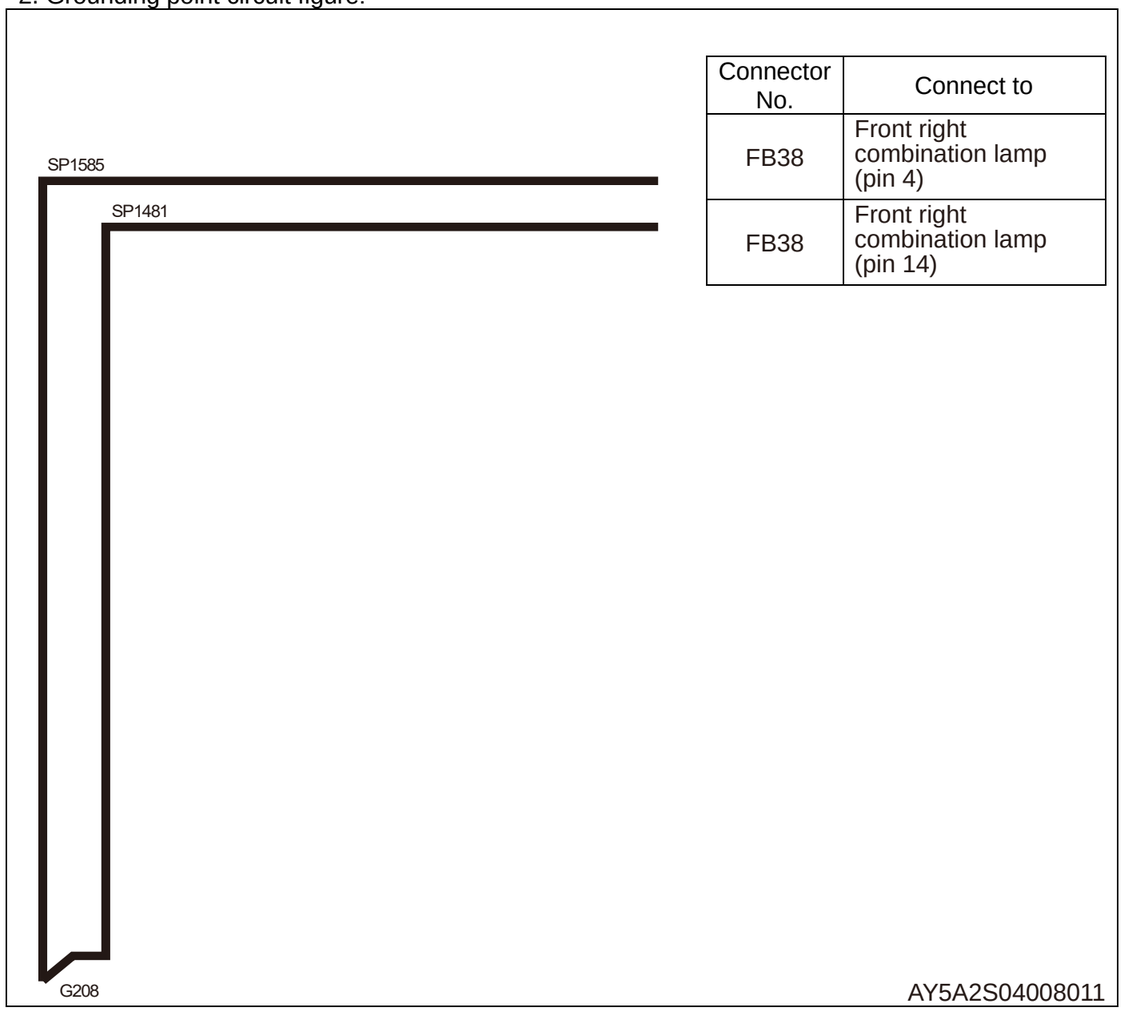
Connector No.	Connect to
FB43	Thermal management integrated module bracket I (pin 1)

8.16 Grounding point G208



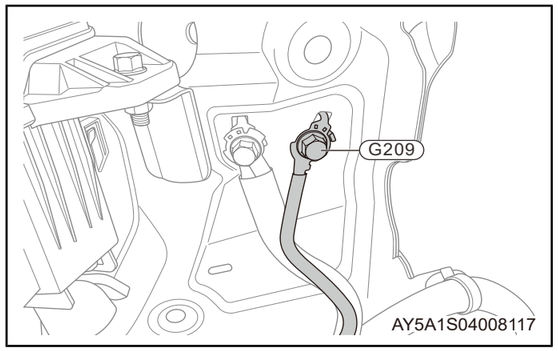
1. Grounding point location:
■ On the right front longitudinal beam behind the right front combination lamp

2. Grounding point circuit figure:



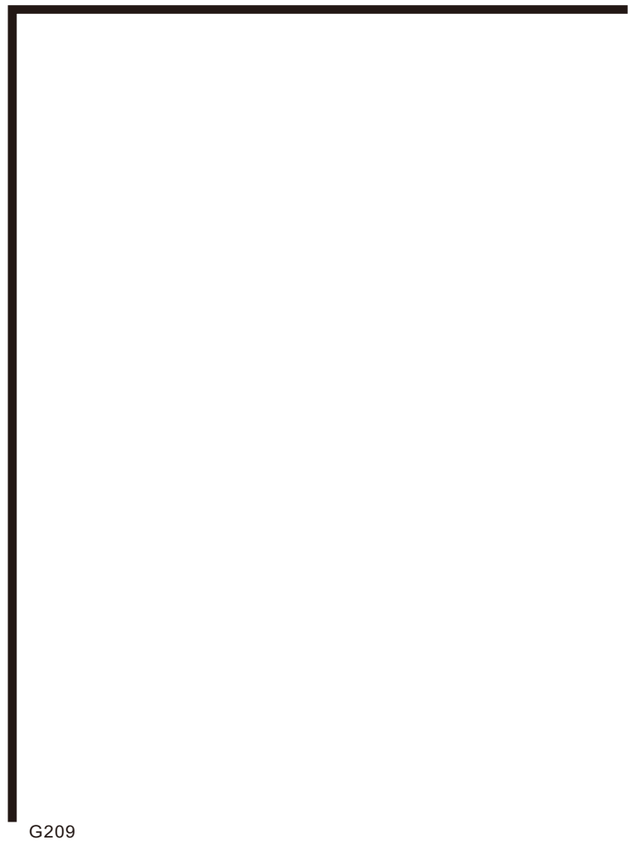
Connector No.	Connect to
FB38	Front right combination lamp (pin 4)
FB38	Front right combination lamp (pin 14)

8.17 Grounding point G209



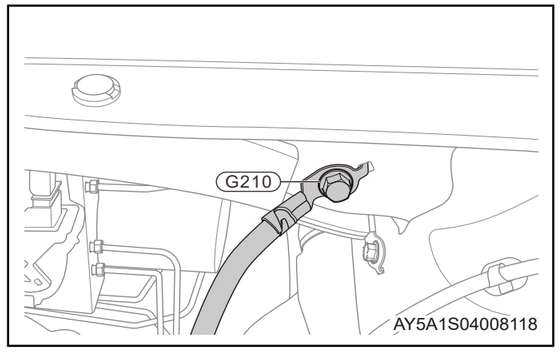
1. Grounding point location:
■ On the left front longitudinal beam in front of the front body electrical box

2. Grounding point circuit figure:



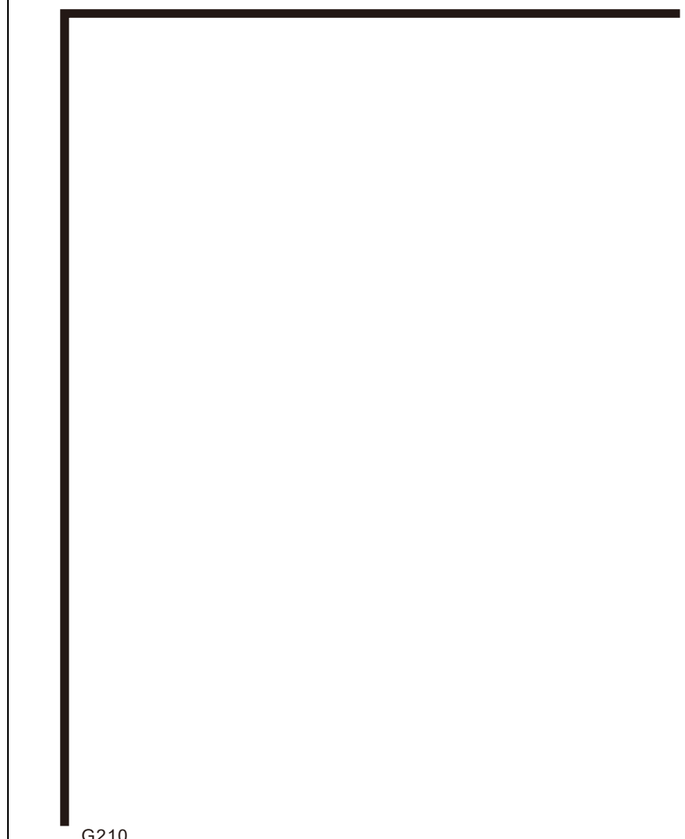
Connector No.	Connect to
ER12	Wiper relay 2 (pin 4)

8.18 Grounding point G210



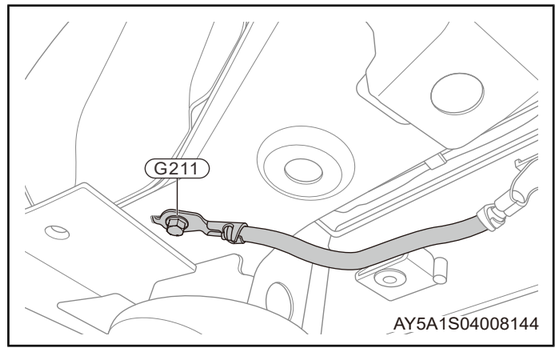
1. Grounding point location:
■ On the left side above the front body bulkhead

2. Grounding point circuit diagram:



Connector No.	Connect to
BN01	Negative terminal of battery (pin 1)

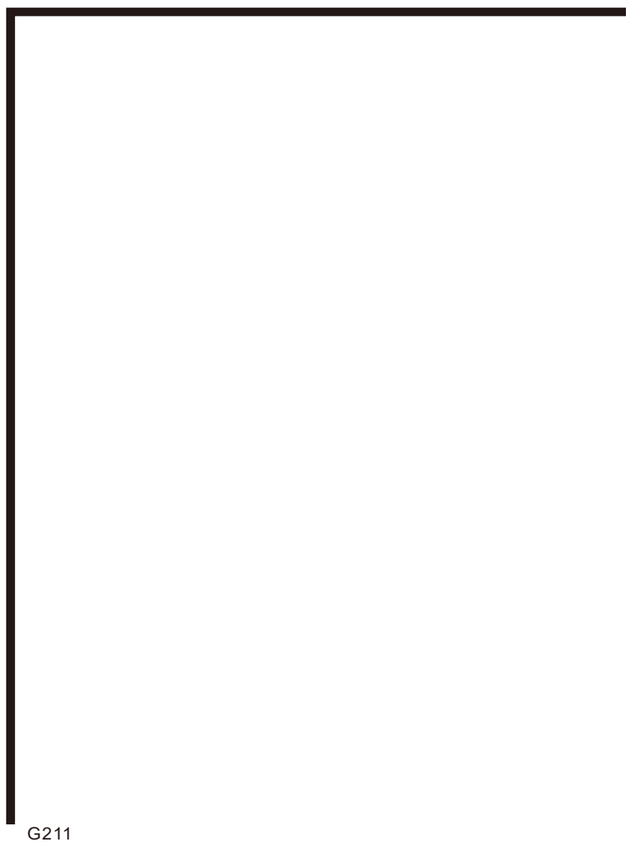
8.19 Grounding point G211



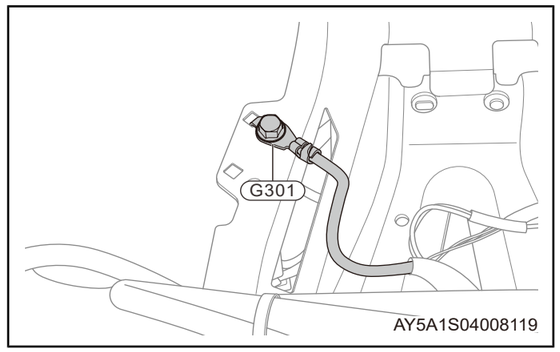
1. Grounding point location:
■ On the bottom body of the lower rear side of the right front wheelhouse

2. Grounding point circuit diagram:

Connector No.	Connect to
BG01	Grounding of the battery pack box(pin 1)



8.20 Grounding point G301



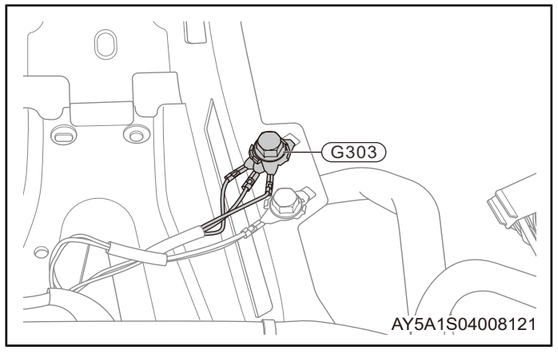
1. Grounding point location:
■ On the instrument crossbeam on the right side of the HVAC assembly

2. Grounding point circuit diagram:

Connector No.	Connect to
IP26	Electric power steering column 1 (pin 2)

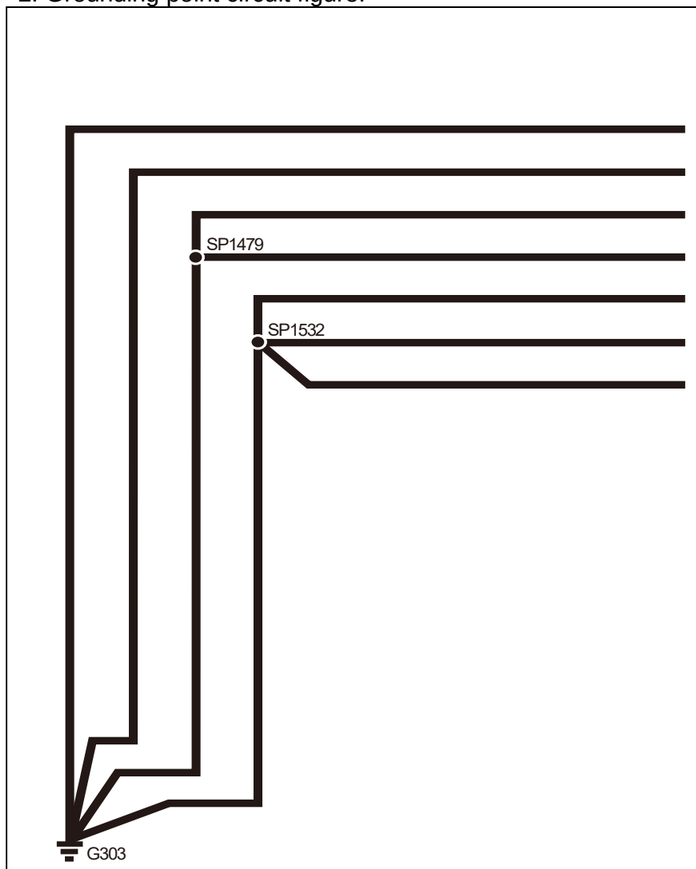


8.21 Grounding point G303



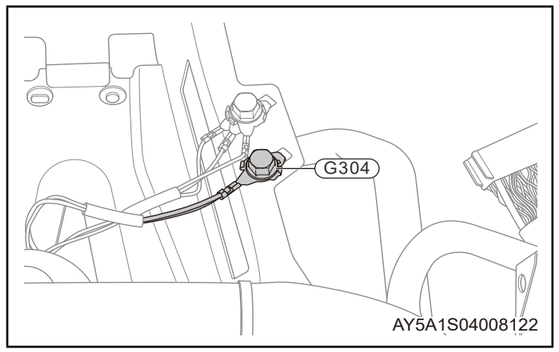
1. Grounding point location:
■ On the instrument crossbeam on the left side of the HVAC assembly

2. Grounding point circuit figure:



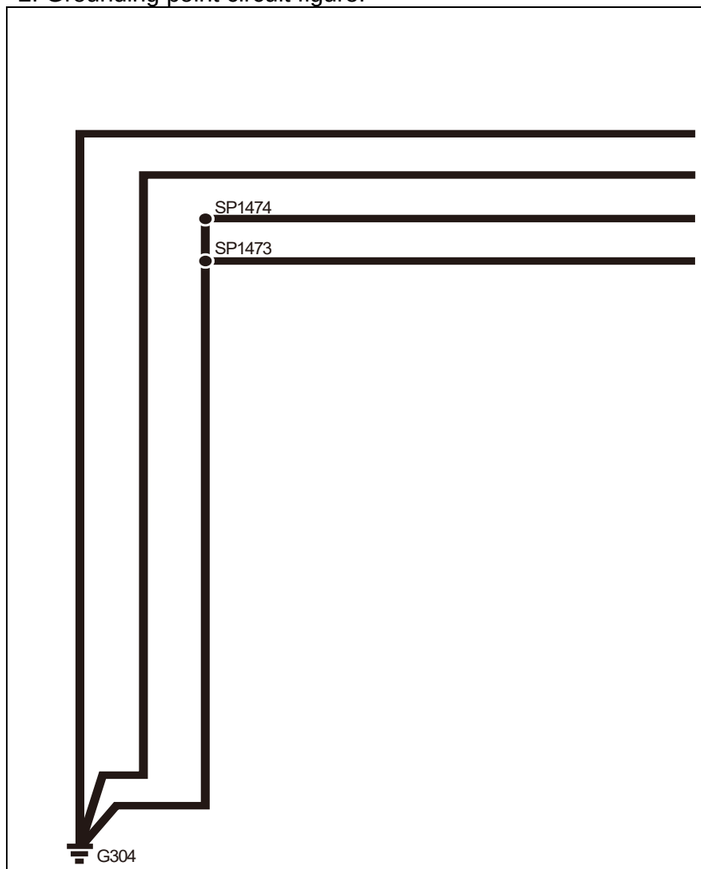
Connector No.	Connect to
IP29	ICM display 1 (pin 4)
IP42	Touch control panel 1 (pin 4)
IP31	Combination switch and clock spring assembly 1 (pin 7)
IP33	Combination switch and clock spring assembly 3 (pin 4 and 7)
IP28	PM2.5 sensor (pin 2)
IR01	ACC relay (pin 1)
IR04	IG1 relay (pin 1)

8.22 Grounding point G304



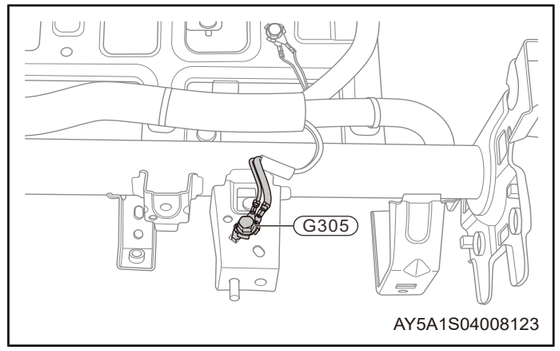
1. Grounding point location:
■ On the instrument crossbeam on the left side of the HVAC assembly

2. Grounding point circuit figure:



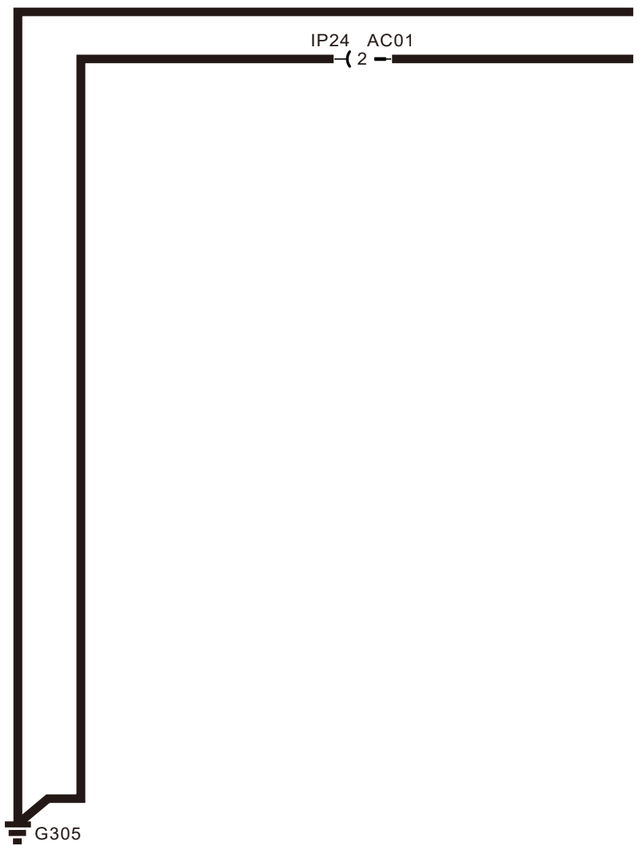
Connector No.	Connect to
IP37	Driver's footwell lamps (pin 4)
IP41	USB_TYPE_C 1 (pin 1)
IP68	DLC (OBD-TEST) (pins 4, 5)
IP25	DLC (OBD) (pins 4, 5)

8.23 Grounding point G305



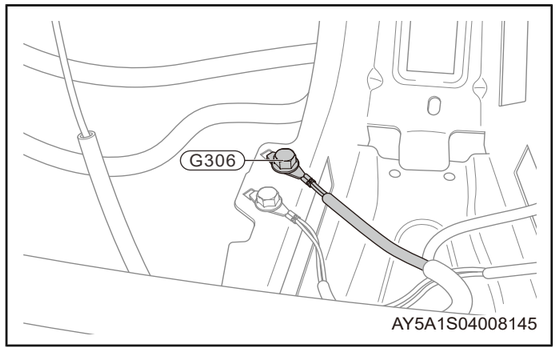
1. Grounding point location:
■ On the instrument crossbeam above the GWM

2. Grounding point circuit diagram:



Connector No.	Connect to
IP47	Intelligent multimedia vehicle host 1 (pin 12)
AC08	Speed control module (console) (pin 1)

8.24 Grounding point G306



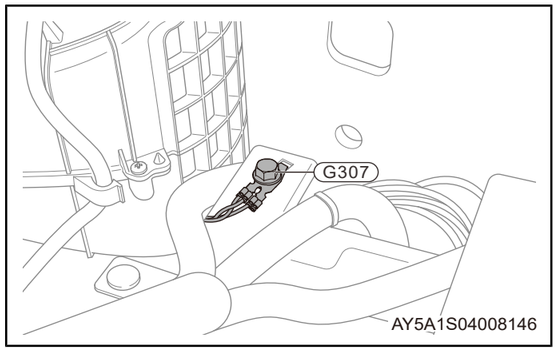
1. Grounding point location:
■ On the instrument crossbeam on the left side of the HVAC assembly

2. Grounding point circuit diagram:



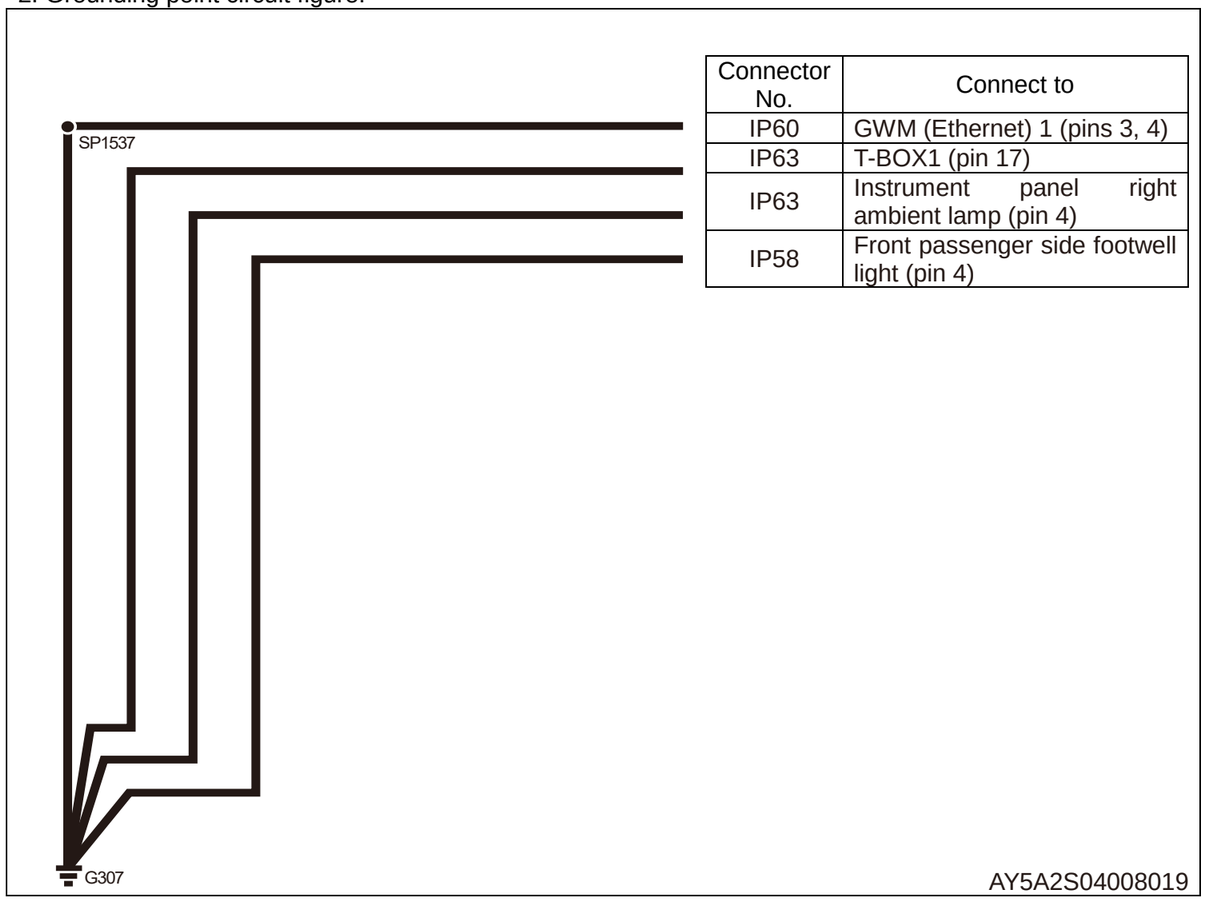
Connector No.	Connect to
IP44	Front 12V power supply (pin 1)

8.25 Grounding point G307



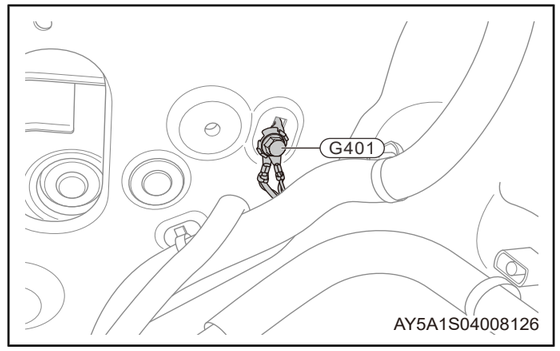
1. Grounding point location:
■ On the instrument crossbeam on the left side of the GWM

2. Grounding point circuit figure:



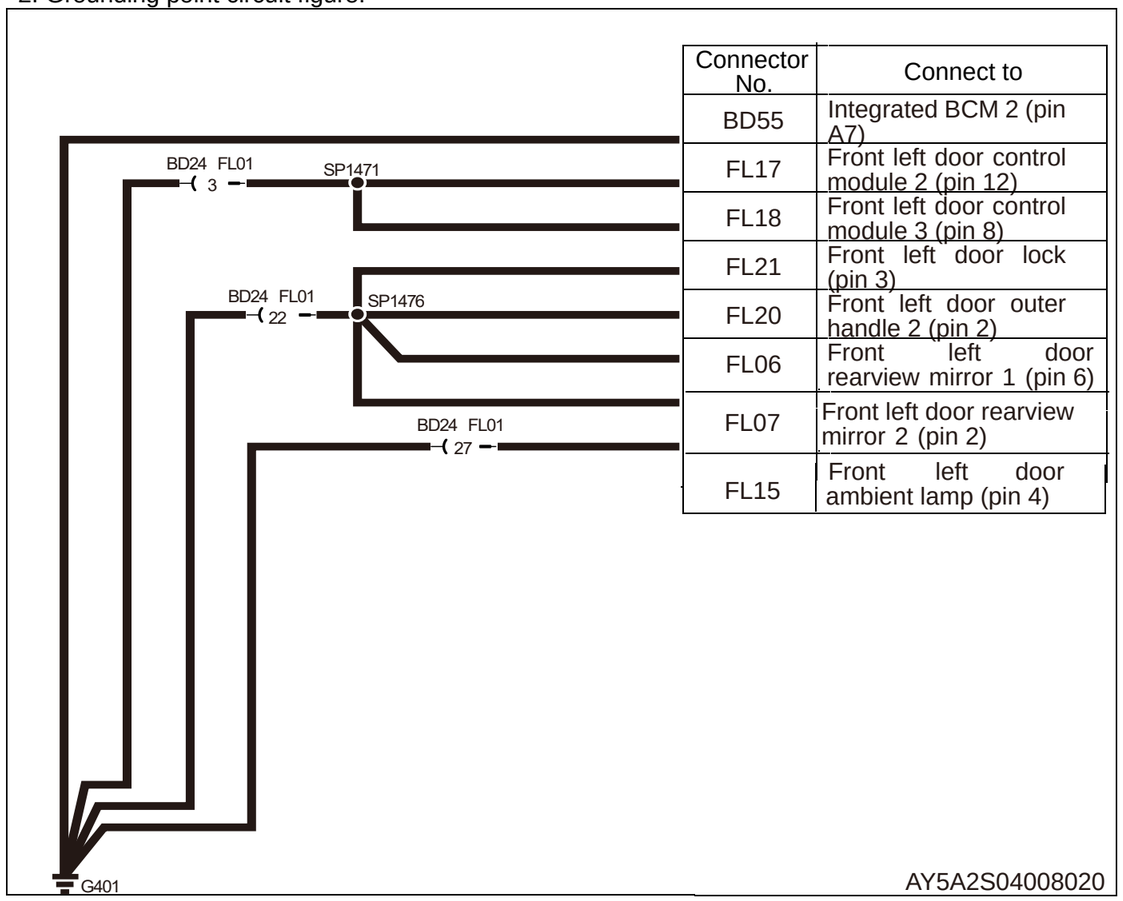
Connector No.	Connect to
IP60	GWM (Ethernet) 1 (pins 3, 4)
IP63	T-BOX1 (pin 17)
IP63	Instrument panel right ambient lamp (pin 4)
IP58	Front passenger side footwell light (pin 4)

8.26 Grounding point G401



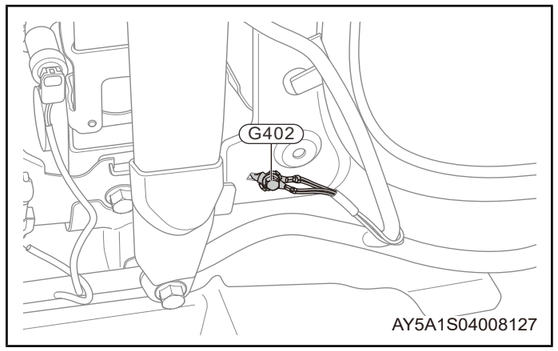
1. Grounding point location:
■ On the body below the left A-pillar

2. Grounding point circuit figure:



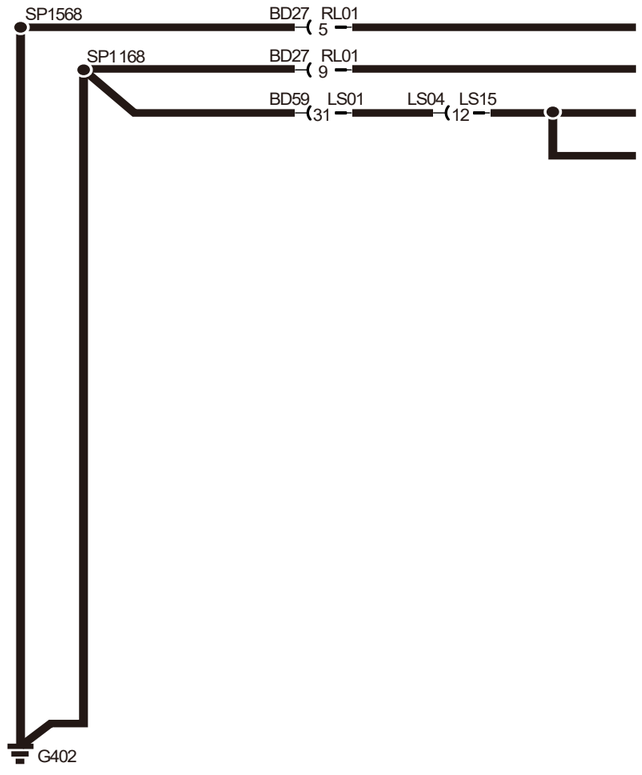
Connector No.	Connect to
BD55	Integrated BCM 2 (pin A7)
FL17	Front left door control module 2 (pin 12)
FL18	Front left door control module 3 (pin 8)
FL21	Front left door lock (pin 3)
FL20	Front left door outer handle 2 (pin 2)
FL06	Front left door rearview mirror 1 (pin 6)
FL07	Front left door rearview mirror 2 (pin 2)
FL15	Front left door ambient lamp (pin 4)

8.27 Grounding point G402



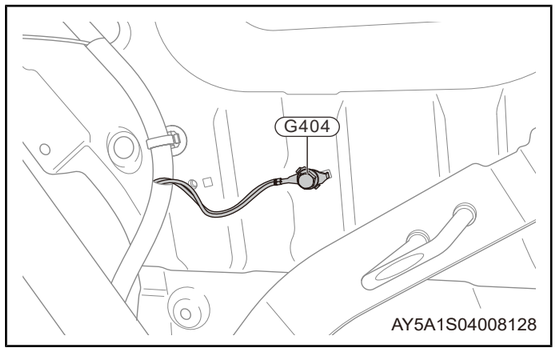
1. Grounding point location:
■ On the body below the left B pillar

2. Grounding point circuit figure:



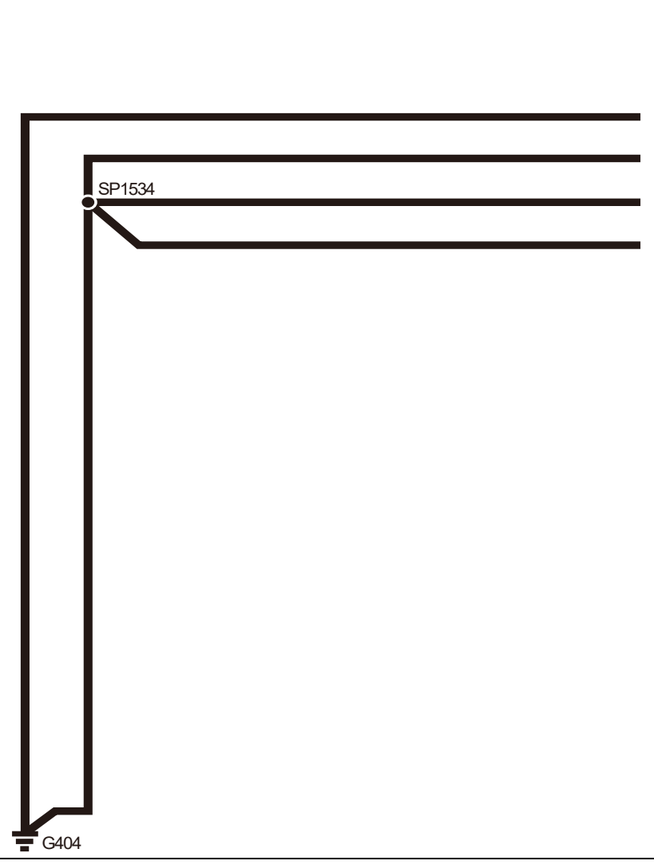
Connector No.	Connect to
RL07	Left rear door lock (pin 3)
RL04	Ambient lamp for left rear door interior trim panel (pin 4)
LS16	Massage module (pin 9)
LS17	Massage air pump (pin 1)

8.28 Grounding point G404



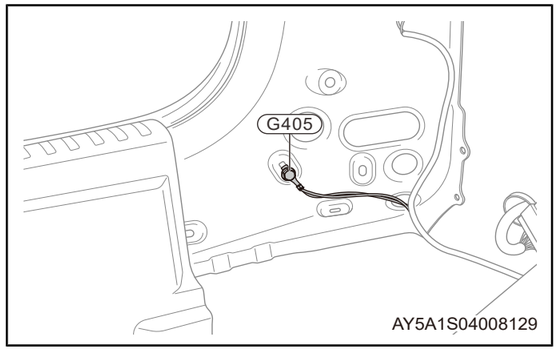
1. Grounding point location:
■ On the body in front of the second row left seat belt assembly

2. Grounding point circuit figure:



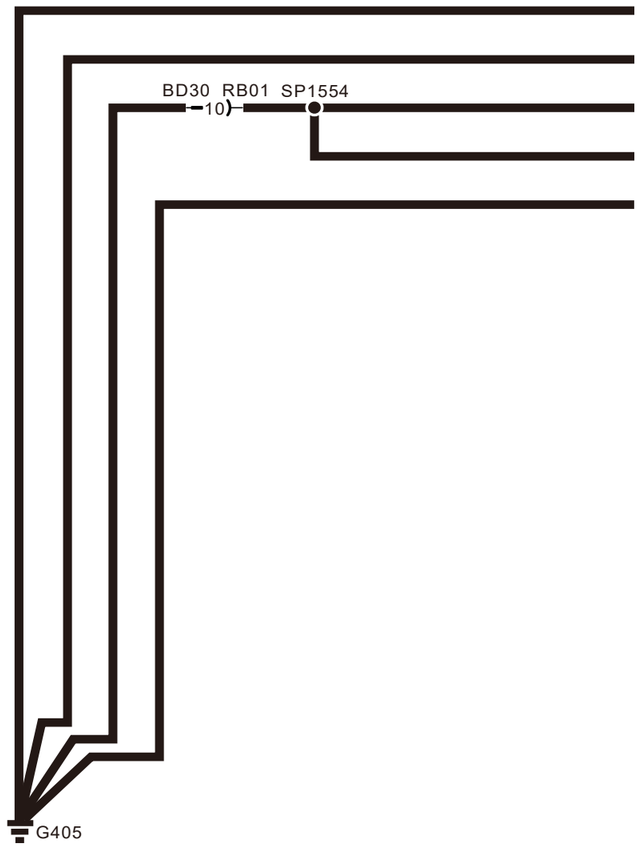
Connector No.	Connect to
BD91	Trunk 12V power supply (pin 1)
BD87	Rear left combination lamp (pin 4)
BD100	Rear left headlight (pin 3)
BD88	Trunk lamp (pin 1)

8.29 Grounding point G405



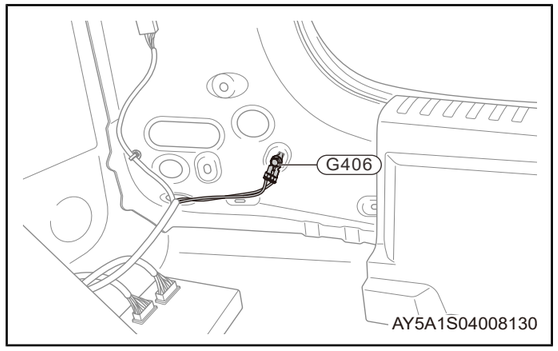
1. Grounding point location:
■ On the lower body in front of the left rear combination lamp

2. Grounding point circuit figure:



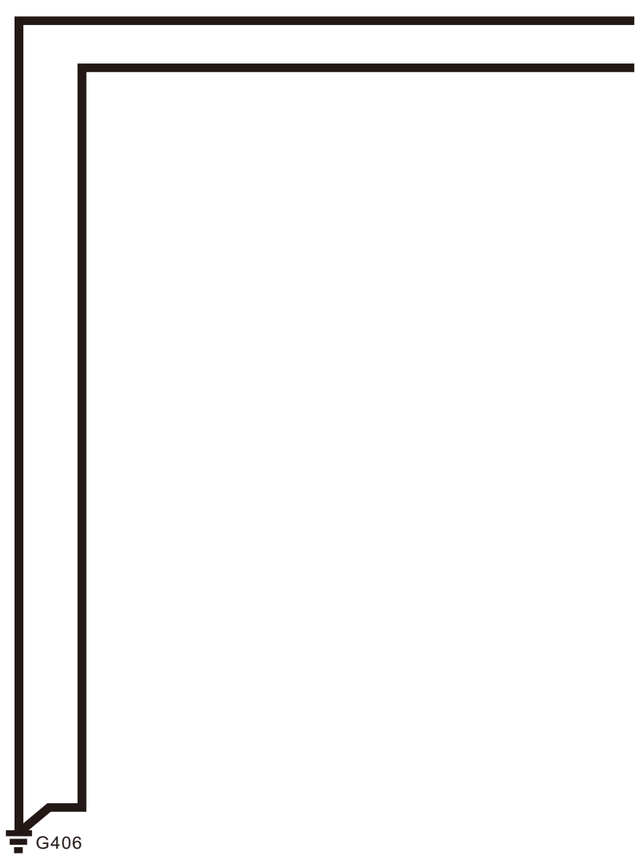
Connector No.	Connect to
BD92	EPB control unit (pin 16)
BD92	EPB control unit (pin 18)
RB04	Rear left BSD main sensor (pin 4 and 8)
RB06	Reversing radar control unit (pin 13)
BD110	RF receiver module (pin 2)

8.30 Grounding point G406



1. Grounding point location:
■ On the body behind the PLG module

2. Grounding point circuit diagram:



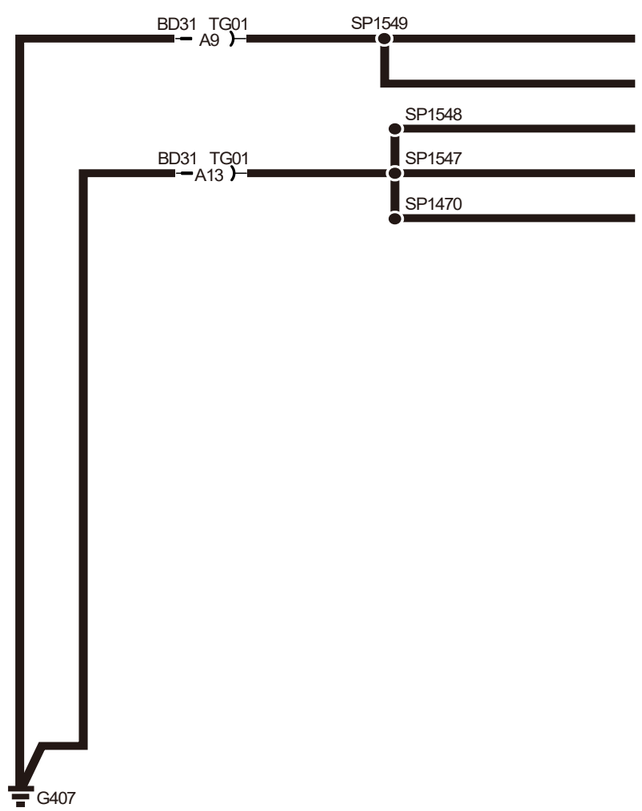
Connector No.	Connect to
BD95	Electric sunshade (pin 6)
BD90	Power liftgate module 2 (pin 10)

8.31 Grounding point G407

1. Grounding point location:

■

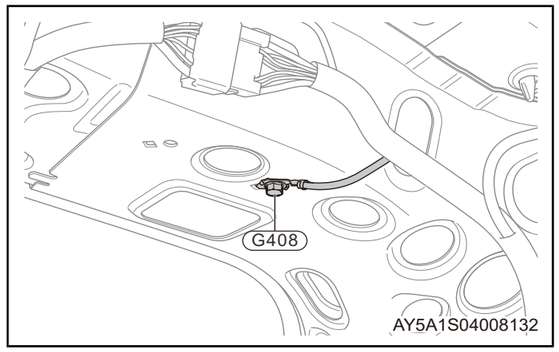
2. Grounding point circuit figure:



AY5A2S04008026

Connector No.	Connect to
TG12	Rear wiper motor (pin 3)
TG15	Power liftgate/PLG buzzer (pin 3)
TG17	Trunk unlocking switch (pin 1)
TG20	Liftgate lock (pin 4)
TG16	Liftgate switch (pin 1 and 5)

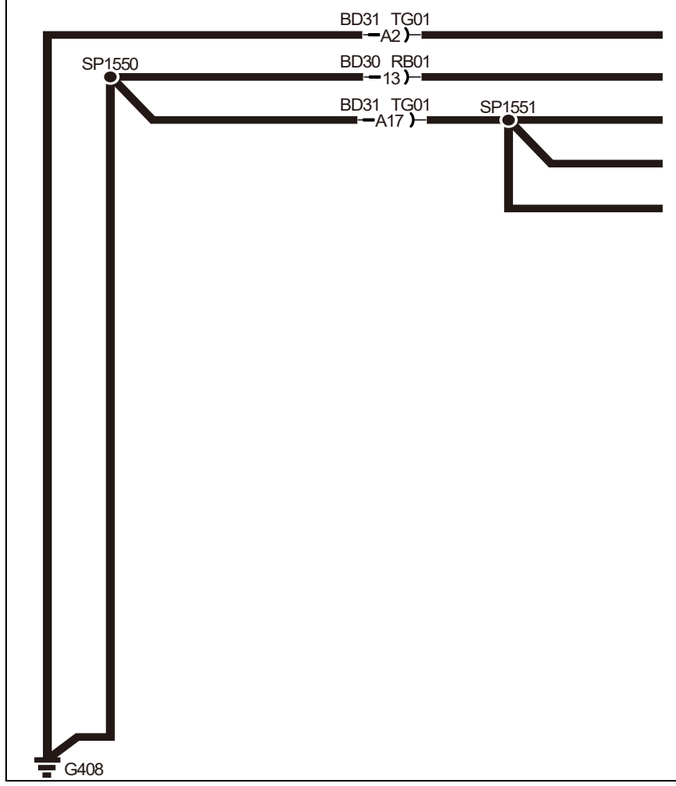
8.32 Grounding point G408



1. Grounding point location:

■ On the body above the left trunk lug

2. Grounding point circuit figure:



AY5A2S04008027

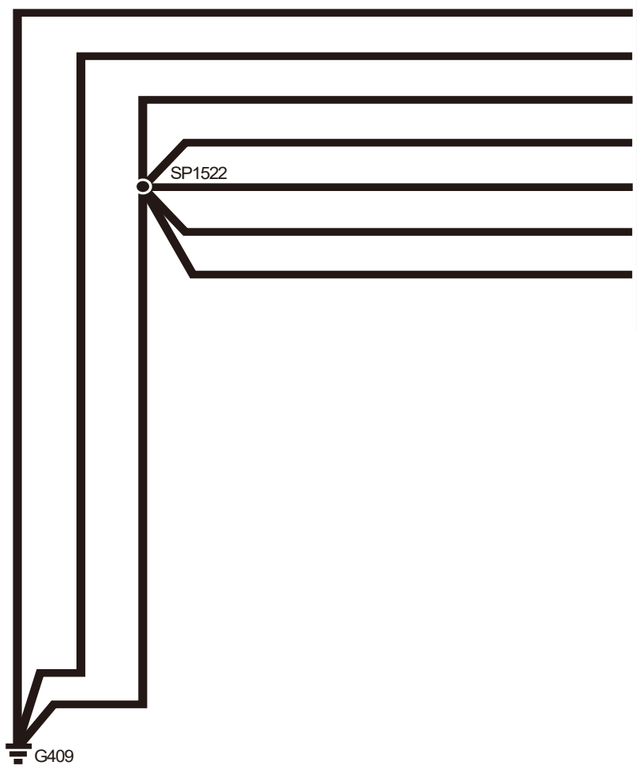
Connector No.	Connect to
TG11	Rear defrosting- (pin 1)
RB08	Rear fog lamp (pin 3)
TG18	Right license plate lamp (pin 1)
TG07	High-mounted stop lamp (pin 2)
TG13	Left license plate lamp (pin 1)

8.33 Grounding point G409

1. Grounding point location:

■

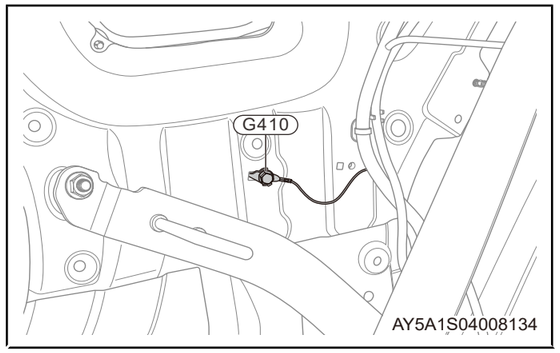
2. Grounding point circuit figure:



Connector No.	Connect to
BD86	Rear right combination lamp (pin 4)
BD99	Rear right headlight (pin 3)
BD83	Second row rear right seat belt buckle (pin 2)
BD81	Rear seat (pin 4)
BD89	Power liftgate module 1 (pin 2)
BD85	Second row center seat belt buckle (pin 2)
BD84	Second row rear left seat belt buckle (pin 2)

AY5A2S04008028

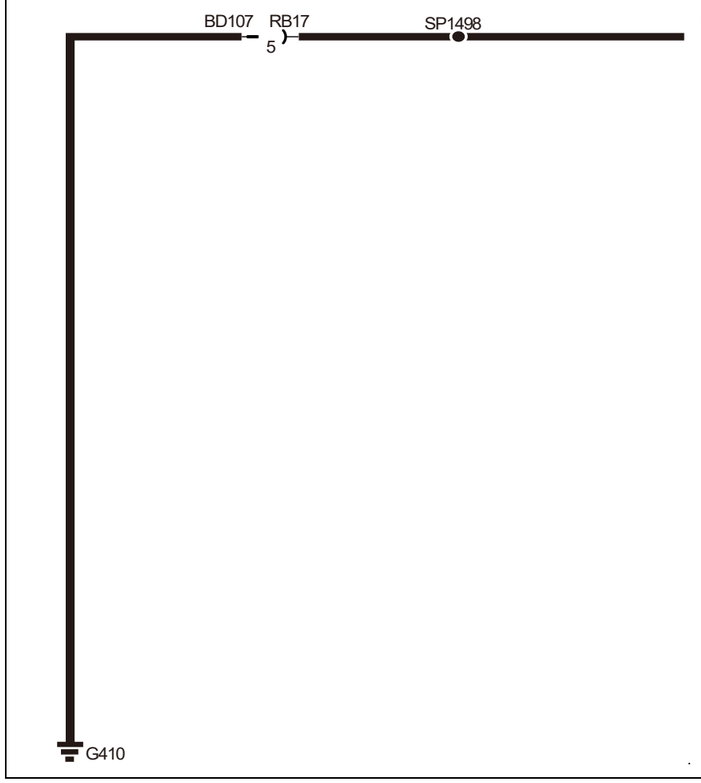
8.34 Grounding point G410



1. Grounding point location:

■ On the body in front of the second row right seat belt assembly

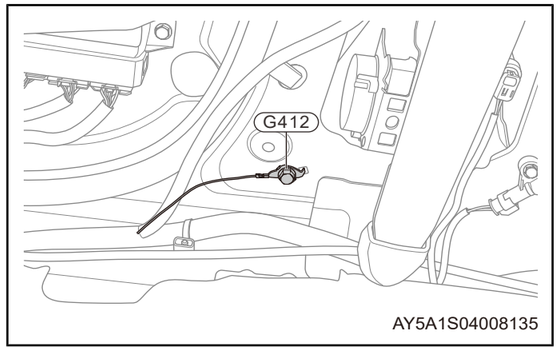
2. Grounding point circuit figure:



Connector No.	Connect to
RB155	Rear right BSD main sensor (pin 4, 7 and 8)

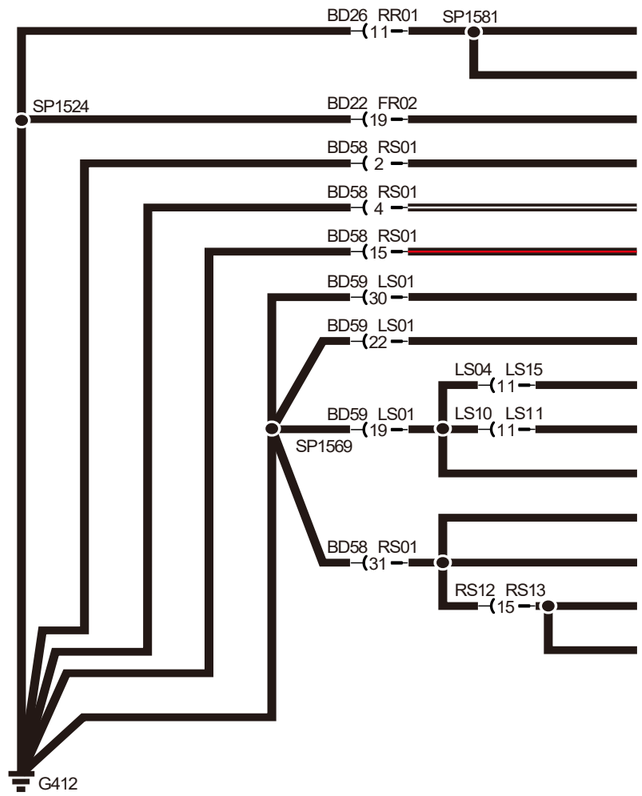
AY5A2S04008029

8.35 Grounding point G412



1. Grounding point location:
■ On the body below the right B pillar

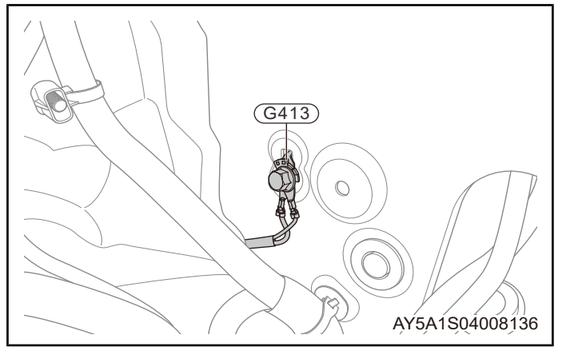
2. Grounding point circuit figure:



Connector No.	Connect to
RR07	Rear right door lock (pin 5)
RR04	Ambient lamp for rear right door interior trim panel (pin 2)
FR20	Front right door outer handle 2 (pin 2)
RS04	Seat control unit 2 (pin 10)
RS03	Seat control unit 1 (pin 6)
RS05	Seat control unit 3 (pin 22)
LS08	Main driver adjusting switch (pin 4)
LS05	Slide rail motor (pin 2)
LS12	Backr motor (pin 3)
LS12	Backr motor (pin 3)
LS09	Lift motor (pin 3)
RS05	Seat control unit 3 (pins 9, 13, 27)
RS11	Front passenger adjusting switch (pin 3)
RS18	Massage module (pins 7, 9)
RS15	Massage air pump (pin 1)

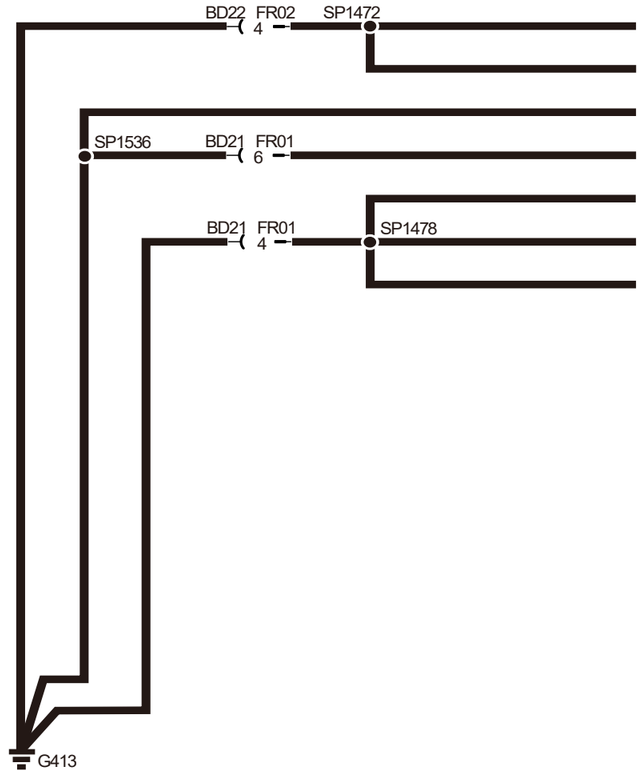
AY5A2S04008030

8.36 Grounding point G413



1. Grounding point location:
■ On the body below the right A-pillar

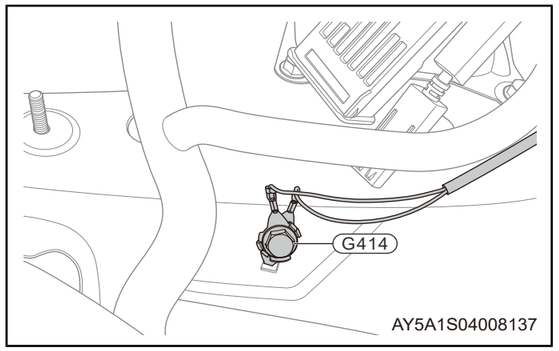
2. Grounding point circuit figure:



Connector No.	Connect to
FR18	Front right door control module 3 (pin 8)
FR17	Front right door control module 2 (pin 12)
BD45	Right makeup lamp (pin 2)
FR15	Front right door ambient lamp (pin 4)
FR21	Front right door lock (pin 5)
FR06	Front right door rearview mirror 1 (pin 6)
FR07	Front right door rearview mirror 2 (pin 2)

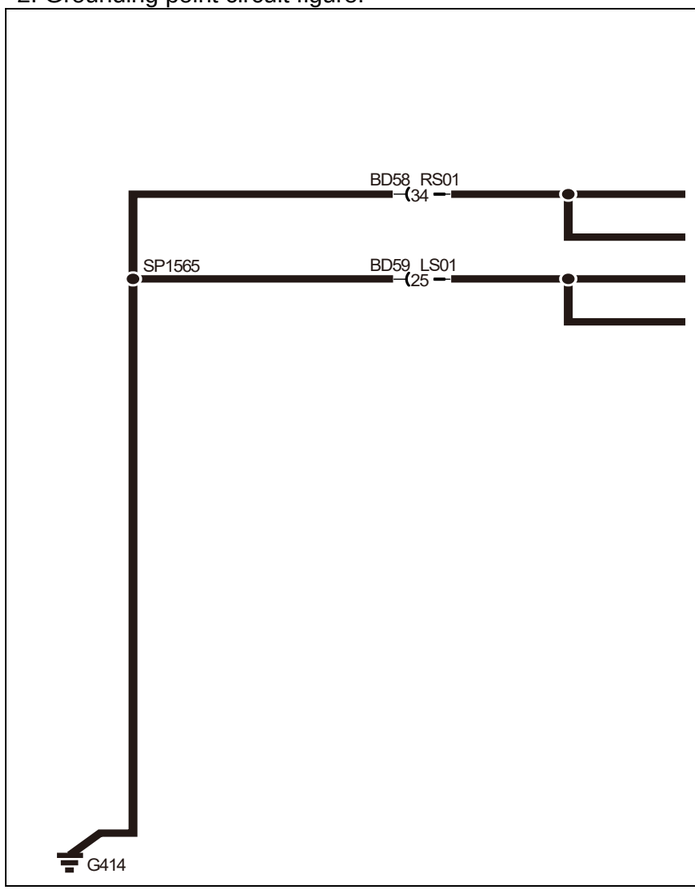
AY5A2S04008031

8.37 Grounding point G414



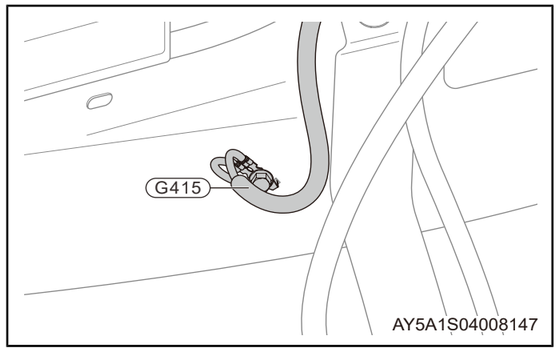
1. Grounding point location:
■ On the body to the right of the airbag electronic control unit underneath the cnsl

2. Grounding point circuit figure:



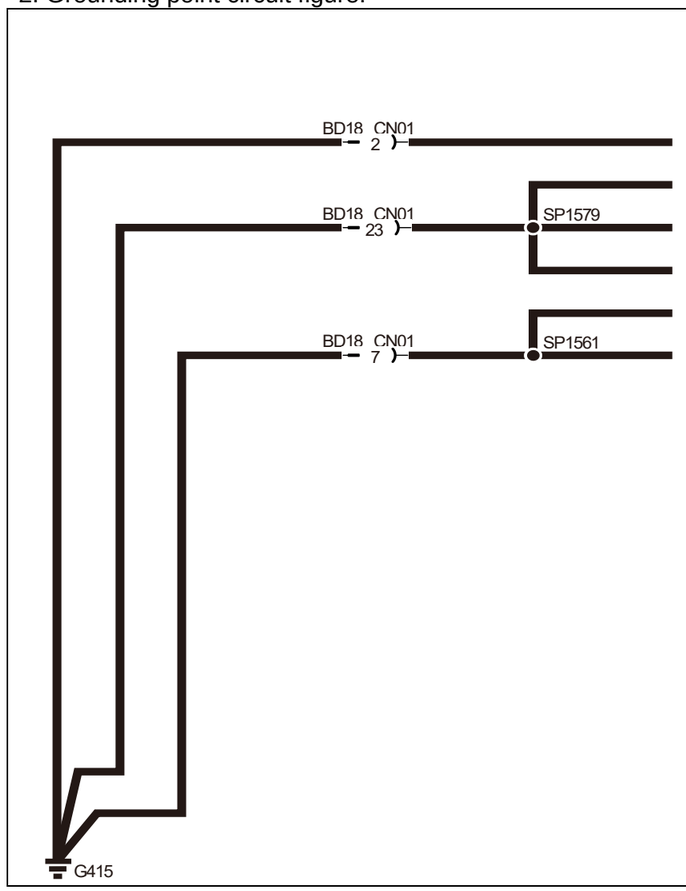
Connector No.	Connect to
BD51	Airbag electronic control unit 1 (pin 15)
RS06	Front passenger seat belt buckle (pin 2)
RS09	Passenger detection sensor (pin 2)
LS03	Driver's seat belt buckle (pin 2)
LS07	Main driver off-position sensor (pin 2)

8.38 Grounding point G415



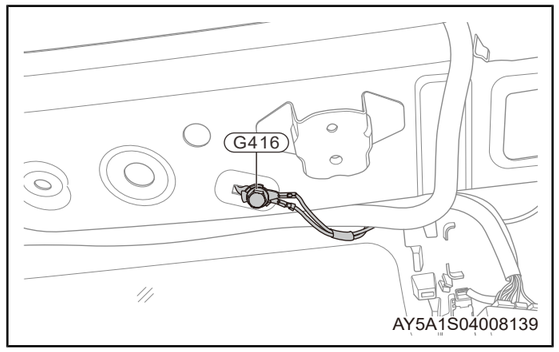
1. Grounding point location:
■ On the body to the left of the airbag electronic control unit underneath the cnsl

2. Grounding point circuit figure:



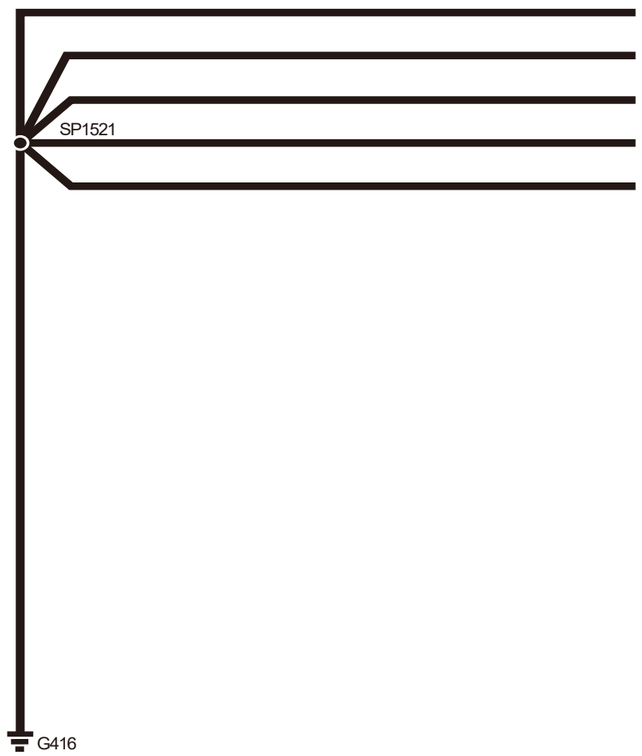
Connector No.	Connect to
CN06	USB charger (pin 4)
CN02	Sub-instrument panel ambient lamp (pin 4)
CN07	Sub-instrument panel ambient lamp (pin 4)
CN08	Sub-instrument panel ambient lamp (pin 4)
CN05	Car refrigerator module (pin 2)
CN03	WCM for mobile phones (pin 3 and 8)

8.39 Grounding point G416



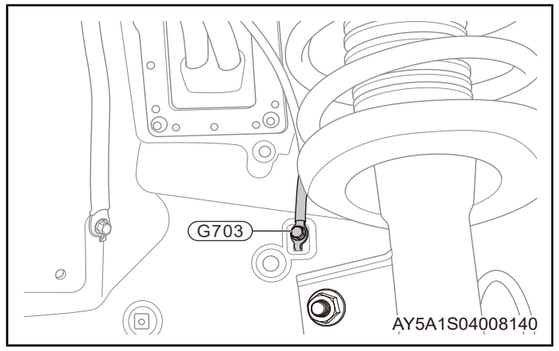
1. Grounding point location:
■ On the body above the interior mirror

2. Grounding point circuit figure:



Connector No.	Connect to
BD39	Rearview mirror (pin 1)
BD46	Left makeup light (pin 2)
BD36	Lane departure warning ECU (pin 5)
BD41	Rain/light sensor (pin 2)
BD47	Front row dome light (pins 10, 13)

8.40 Grounding point G703



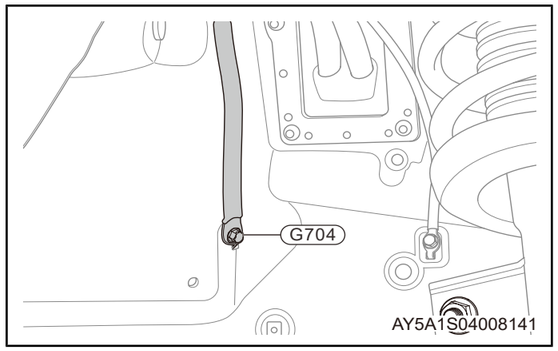
1. Grounding point location:
■ On the right front wheelhouse

2. Grounding point circuit figure:



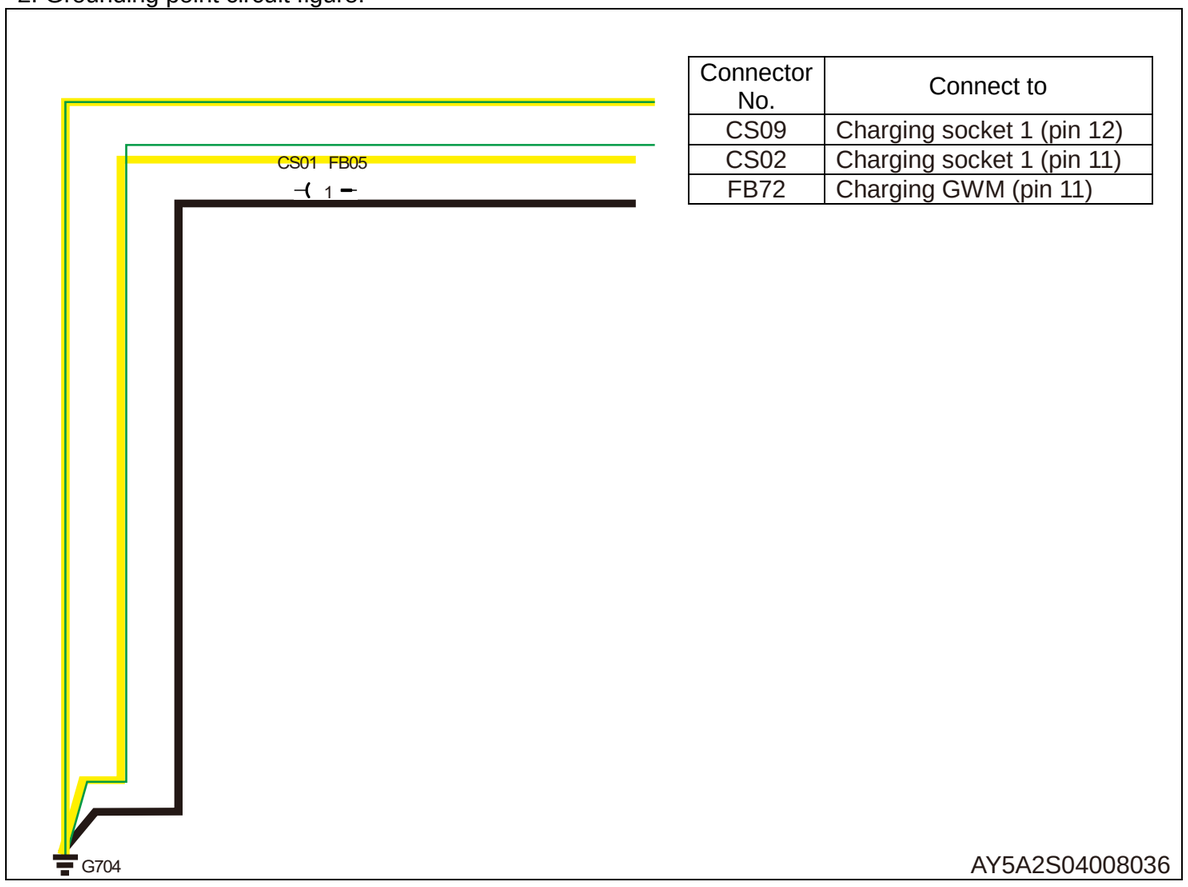
Connector No.	Connect to
CS02	Charging socket 1 (pin 13)

8.41 Grounding point G704



1. Grounding point location:
■ On the right front wheelhouse

2. Grounding point circuit figure:



Connector No.	Connect to
CS09	Charging socket 1 (pin 12)
CS02	Charging socket 1 (pin 11)
FB72	Charging GWM (pin 11)

9.1 Abbreviations

Abbreviations	Full name in English	Chinese name
AMB	AMBient lamp	氛围灯
AGS	Active Grille Shutter	主动进气格栅
BMS	Battery Management System	电池管理系统
BCM	Body Control Module	车身控制模块
CAN	Controller Area Network	控制器区域网络
CID	Central Information Display	中控屏
DCDC	Direct Current - Direct Current	直流变换器
EBS	Electronic Battery Sensor	电池传感器
ECP	Electric ComPressor	电动压缩机
EPS	Electronic Power Steering	电动助力转向
ETH	ETHernet	以太网
EXV	Electronic Expansion Valve	电子膨胀阀
IID	Instrument Information Display	仪表屏
ICM	Instrument Cluster Module	组合仪表
OBC	On-Board Charger	车载充电机
OBD	On-Board Diagnostics	车载自动诊断系统
PAS	Parking Assistant System	驻车辅助系统
PM2.5	PM2.5 Sensor	PM2.5传感器
PTC	Positive Temperature Coefficient	电加热器
PEPS	Passive Entry Passive Start	无钥匙进入与启动
SCM	Seat Control Module	座椅控制模块
SRS	Supplemental Restraint System	安全气囊控制器
T-Box	Telematics Box	智能终端盒子
VCU	Vehecle Control Unit	整车控制器
WCM	Wireless Charging Module	无线充电模块


AION