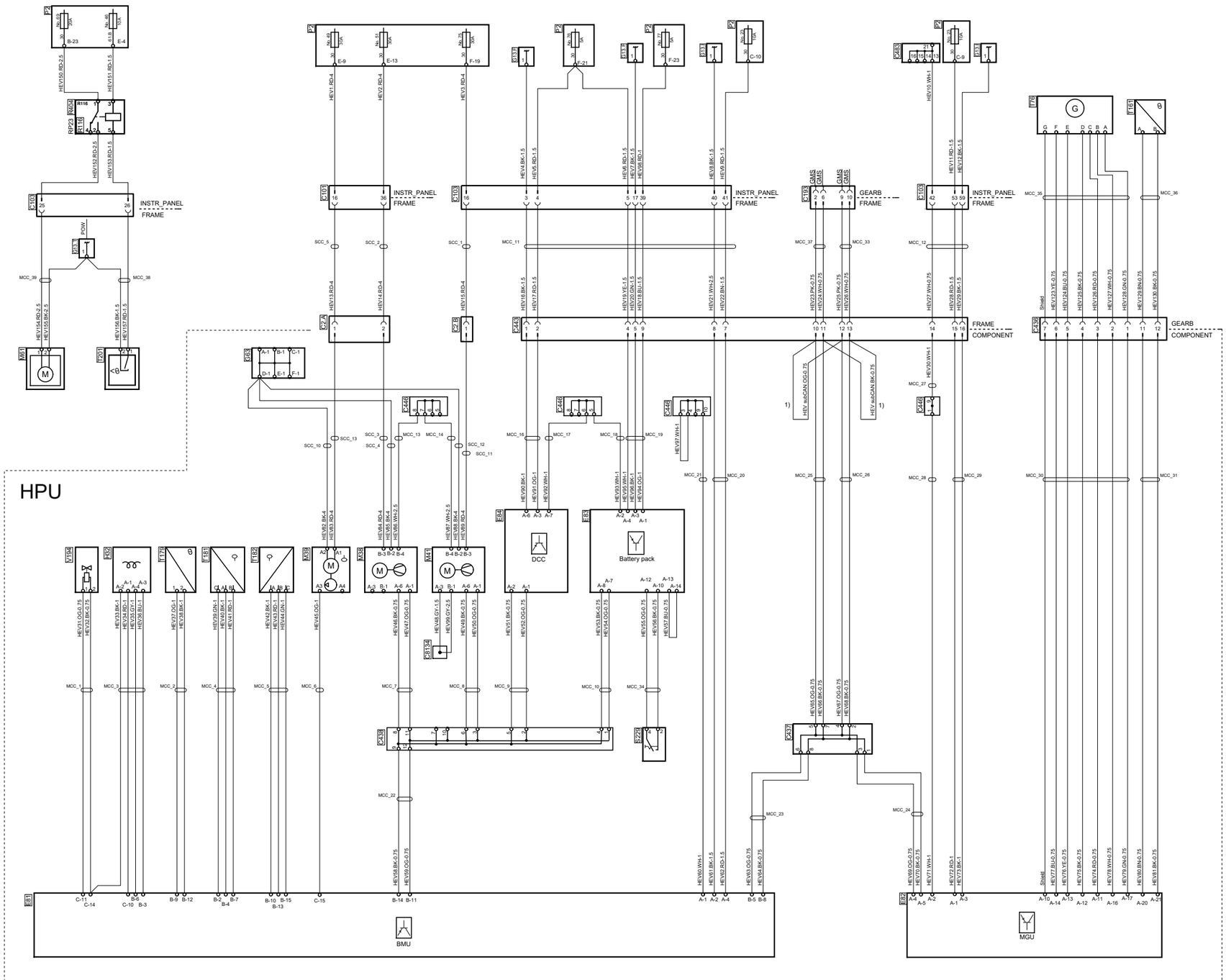


1) CAN to ECA
Only for production before mounting of the HPU

Cable designation
AWD35 OG - 1
Cable marking
Cable colour (Orange)
Conductor area (mm²)

| Colour code of electric cables | |
|---|---|
| Code | Colour |
| BK | Black |
| BN | Brown |
| RD | Red |
| OG | Orange |
| YE | Yellow |
| GN | Green |
| BU | Blue |
| VT | Violet |
| GY | Grey |
| WH | White |
| PK | Pink |

| Des. | Pos. | Description |
|---|---|---|
| C2.A | D 6 | Connector, 2-pole |
| C2.B | D 6 | Connector, 2-pole |
| C101 | E 6 | Connector, 66-pole |
| C103 | E 6 | Connector, 66-pole |
| C193 | E 4 | Connector, 16-pole |
| C436 | D 3 | Connector, 12-pole |
| C437 | C 4 | Joint connector, Sub-Bus CAN |
| C438 | B 5 | Joint connector, Batt-Bus CAN |
| C443 | D 5 | Connector, 21-pole |
| C446 | D 5 | Connector, 12-pole |
| C446 | D 4 | Connector, 12-pole |
| C446 | D 6 | Connector, 12-pole |
| C446 | D 5 | Connector, 12-pole |
| C483 | F 4 | Joint connector wake up |
| C8134 | C 6 | Splice, MGU |
| E81 | A 4 | Control unit, BMU |
| E82 | B 3 | Control unit, MGU |
| E83 | D 5 | Battery pack |
| E84 | D 5 | Control unit, DCC1 |
| G13.F | F 5 | Ground, torpedo wall |
| G13.F | F 5 | Ground, torpedo wall |
| G13.I | F 3 | Ground, torpedo wall |
| G13.I | F 5 | Ground, torpedo wall |
| G13.T | E 7 | Ground, torpedo wall |
| G63 | D 6 | Ground |
| H32 | C 7 | Heater, RESS |
| M38 | C 6 | Coolant pump, RES |
| M39 | C 6 | Cooling fan |
| M41 | C 6 | Coolant pump, MGS |
| M61 | D 7 | Motor, Fan |
| P2 | F 5 | Central electric unit |
| P2 | F 4 | Central electric unit |
| P2 | F 7 | Central electric unit |
| P2 | F 3 | Central electric unit |
| P2 | F 5 | Central electric unit |
| P2 | F 6 | Central electric unit |
| R116 | E 7 | Relay, HEV |
| R404 | E 7 | Relay holder |
| S229 | C 5 | Switch, Interlock loop control |
| T78 | E 3 | Sensor, Position |
| T161 | E 3 | Sensor, Temperature |
| T179 | C 7 | Sensor, temperature, RESS |
| T181 | C 7 | Sensor, battery level |
| T182 | C 7 | Sensor, inverter level |
| T201 | D 7 | Monitor, Temp |
| V194 | C 7 | Solenoid valve, water valve control |

SCANIA

Circuit Diagram:

HEV

Drawing No.- 2270870-1-9
Sheet-Rev:

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