



| Cable designation |        | Colour code of electric wires |        | Des. Pos. Description        |     |  |
|-------------------|--------|-------------------------------|--------|------------------------------|-----|--|
| AWD35             | OG - 1 | CA36                          | D 8    | Connector, 16-pole           |     |  |
|                   |        | CA37                          | E 6    | Joint connector, Sub-Bus CAN |     |  |
|                   |        | BN                            | Brown  | CA43                         | B 8 | Connector, 16-pole                         |
|                   |        | RD                            | Red    | CB304                        | D 8 | Connector, 12-pole                         |
|                   |        | OG                            | Orange | CB306                        | C 8 | Joint connector, 8-pole                    |
|                   |        | YE                            | Yellow | CB373                        | A 4 | Cut cable, CAN shield, E175                |
|                   |        | GN                            | Green  | CB374                        | A 3 | Cut cable, CAN shield, E174                |
|                   |        | BU                            | Blue   | CB377                        | B 3 | Joint connector, 12-pole                   |
|                   |        | VT                            | Violet | CB377                        | B 4 | Joint connector, 12-pole                   |
|                   |        | GY                            | Grey   | CB392                        | B 3 | Joint connector, 21-pole CAN               |
|                   |        | WH                            | White  | CB392                        | B 4 | Joint connector, 21-pole CAN               |
|                   |        | PK                            | Pink   | CB393                        | C 5 | Joint connector, 21-pole CAN               |
|                   |        |                               |        | CB394                        | D 7 | Connector, 12-pole                         |
|                   |        |                               |        | CB395                        | D 3 | Connector, 16-pole                         |
|                   |        |                               |        | CB397                        | B 5 | Connector, 12-pole                         |
|                   |        |                               |        | CB398                        | B 4 | Connector, 16-pole                         |
|                   |        |                               |        | CB399                        | C 3 | Junction box, 8-pole                       |
|                   |        |                               |        | CB400                        | C 2 | Junction box, 8-pole                       |
|                   |        |                               |        | CB407                        | D 8 | Connector, 18-pole                         |
|                   |        |                               |        | CB420                        | D 8 | Joint connector, 8-pole                    |
|                   |        |                               |        | EB1                          | F 4 | Control unit, BMU                          |
|                   |        |                               |        | ET163                        | C 2 | Control unit, battery pack                 |
|                   |        |                               |        | ET165                        | C 3 | Control unit, battery pack                 |
|                   |        |                               |        | ET172                        | A 4 | Control unit, battery slave unit           |
|                   |        |                               |        | ET175                        | A 2 | Control unit, battery slave unit           |
|                   |        |                               |        | T40                          | D 5 | Heater, VCB, battery                       |
|                   |        |                               |        | M38                          | E 6 | Motor, coolant pump, RES                   |
|                   |        |                               |        | P13                          | F 1 | Central electric unit                      |
|                   |        |                               |        | R123                         | C 8 | Relay, HEV                                 |
|                   |        |                               |        | R125                         | C 5 | Connector, box                             |
|                   |        |                               |        | T179                         | E 5 | Sensor, temperature, battery coolant inlet |
|                   |        |                               |        | T181                         | E 5 | Sensor, level                              |
|                   |        |                               |        | T182                         | E 5 | Sensor, level                              |
|                   |        |                               |        | VT54                         | E 4 | Solenoid valve, water valve control        |
|                   |        |                               |        | Y249                         | E 4 | Solenoid valve, water valve                |

1) pHEV with P80  
2) pHEV with GEM

**SCANIA**

Circuit Diagram: **CMD**

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