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
C101	D 4	Connector, 72-pole
C436	E 8	Connector, 18-pole
C437	E 6	Joint connector, Sub-Bus CAN
C443	B 8	Connector, 16-pole
C8282	E 8	Connector, 2-pole
C8304	D 8	Connector, 12-pole
C8306	C 8	Joint connector, 8-pole
C8373	A 4	Cut cable, CAN shield, E175
C8374	A 3	Cut cable, CAN shield, E174
C8377	B 3	Joint connector, 12-pole
C8377	B 4	Joint connector, 12-pole
C8392	B 3	Joint connector, 21-pole CAN
C8392	B 4	Joint connector, 21-pole CAN
C8393	C 5	Joint connector, 21-pole CAN
C8394	D 7	Connector, 12-pole
C8395	D 3	Connector, 16-pole
C8397	B 5	Connector, 12-pole
C8398	B 4	Connector, 16-pole
C8399	C 3	Junction box, 8-pole
C8400	C 2	Junction box, 8-pole
C8407	E 8	Connector, 18-pole
C8420	D 8	Joint connector, 8-pole
E81	F 4	Control unit, BMU
E163	C 2	Control unit, battery pack FRI
E165	C 3	Control unit, battery pack FRO
E174	A 2	Control unit, battery FRI, slave unit
E175	A 4	Control unit, battery FRO, slave unit
H40	D 5	Heater, VCB, battery
M38	E 6	Motor, coolant pump, RES
P13	F 1	Central electric unit
R123	D 8	Relay, HEV
R125	C 5	Contactor, box
T179	E 5	Sensor, temperature, battery coolant inlet
T181	E 5	Sensor, level
T182	E 5	Sensor, level
V194	E 4	Solenoid valve, water valve control
V249	E 4	Solenoid valve, water valve

2555000-1

Hybrid ATO Box

BMU

VCB heater

CAN 2 to BSU

WU to BSU

RES coolant pump

CAN

*T179 comes with multicore cable as pigtail

RES

MGS

See 2063620

230V/24V relay

Gearbox interface

FRAME INSTR_PANEL

Battery Pack FRO

Battery Pack FRI

BSU

Charging and contactor box control

BMUB6 FRO

BMUA6 FRI

CAN 1

CAN 2

CAN 3

SCANIA

Circuit Diagram: CMD

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