



Des.	Pos.	Description
C2.C	A 5	Connector, 4-pole
C2.D	A 3	Connector, 2-pole
C342	B 4	Connector, 2-pole
C363	C 4	Joint connector, 21 pole
C572	A 6	Connector, 62-Pole
C593	E 5	Connector, 2-Pole
C525	F 3	Connector, 62-pole
C651	E 4	Joint connector, BMU Sub-CAN
C661	B 6	Splice, BMU DOUT
C683	D 6	Splice, CMD
C712	D 8	Joint connector, BSU1 Battery CAN
C308	B 5	Joint connector, TMS Sub-CAN BRU
C942	F 8	Joint connector, Power supply Bat 1 & 2
E81	D 2	Control unit, BMU
E140	C 4	Control unit, battery pack, master
E162	E 7	Control unit, battery pack
E171	D 7	Control unit, battery slave unit
G501	B 3	Splice, ground
G398	C 7	Ground Splice, BRU
G903	A 4	Ground Splice, BRU
G804	E 2	Ground Point, BRU
G605	F 7	Ground Point, BRU to COOLING TOWER
G907	B 5	Ground Point, BRU
G608	D 4	Ground Splice, BRU
G611	F 6	Ground Point, BRU
G612	E 3	Ground Splice, BRU
G613	A 2	Ground Point, BRU
G618	E 2	Ground Point, COOLING TOWER to BRU
G654	D 2	Ground SUB BRU
G555	D 2	Ground Point, BRU
G656	C 2	Ground Point, BRU
G657	C 2	Ground Point, BRU
H505	E 2	Heater, RES2
M38	B 3	Motor, coolant pump, RES
M39	C 5	Motor, cooling fan
M503	B 4	Engine fan 1
M513	B 2	Coolant Pump, BRU
T508	F 3	Central electric unit, VCB
F509	E 3	Central electric unit, VCB
T181	E 5	Sensor, level
T210	E 5	Sensor, temperature, battery coolant outlet
T211	E 4	Sensor, pressure, refrigerant
V194	E 5	Solenoid valve, water valve control

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

Colour code of electric cables	
Code	Colour
BK	Black
BR	Brown
RD	Red
OG	Orange
YE	Yellow
GN	Green
BU	Blue
VT	Violet
GY	Grey
WH	White
Pk	Flex

**SCANIA**

Circuit Diagram:  
**RES2 BEV**

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BRU  
Valid for C chassis (BEV)