



Cable designation		Colour code of electric cables		Des.	Description
AWD3S	OG - 1	Code	Colour	C2 C	A 5 Connector, 4-pole
Cable marking		BR	Black	C2 D	A 3 Connector, 2-pole
Cable colour (Orange)		BK	Black	C540 B	4 Connector 2-pole
Conductor area (mm²)		BN	Brown	C563 C	4 Joint connector, 21 pole
		RD	Red	C563 D	6 Joint connector, 21 pole
		OG	Orange	C563 E	6 Joint connector, 21 pole
		YE	Yellow	C572 A	7 Connector, 62-Pole
		GN	Green	C563 E	5 Connector, 2-Pole
		BU	Blue	C625 F	7 Connector, 62 pole
		VT	Violet	C561 E	4 Joint connector, BMU Sub-CAN
		GY	Grey	C561 E	4 Joint connector, BMU Sub-CAN
		WHT	White	C561 D	4 Joint connector, BMU Sub-CAN
		PK	Pink	C661 E	4 Splice, BMU DOUT
				C661 E	4 Splice, BMU DOUT
				C712 D	8 Joint connector, BSU1 Battery CAN
				C808 B	5 Joint connector, TMS Sub-CAN BRU
				C942 F	7 Joint connector, Power supply Bat 1 & 2
				C942 F	6 Joint connector, Power supply Bat 1 & 2
				E81 D	2 Control unit, BMU
				E83 E	6 Control unit, battery pack, master
				E140 C	4 Control unit, auxiliary cooler, battery
				E165 E	7 Control unit, battery pack
				E175 D	7 Control unit, battery slave unit
				G501 B	3 Splice, ground
				G566 D	6 Ground Splice, BRU
				G603 C	3 Ground Splice, BRU
				G664 D	2 Ground Point, BRU
				G664 B	4 Ground Point, BRU
				G665 F	8 Ground Point, BRU
				G665 B	7 Ground Point, BRU
				G667 D	3 Ground Point, BRU
				G667 B	5 Ground Point, BRU
				G668 A	4 Ground Point, BRU to COOLING TOWER
				G668 F	5 Ground Point, BRU to COOLING TOWER
				G667 D	3 Ground Point, BRU
				G667 B	5 Ground Point, BRU
				G668 A	4 Ground Point, BRU
				G668 F	5 Ground Point, BRU
				G611 F	6 Ground Point, BRU
				G611 D	6 Ground Point, BRU
				G612 B	5 Ground Splice, BRU
				G613 A	2 Ground Point, BRU
				G618 F	5 Ground Point, BRU to COOLING TOWER to BRU
				G654 F	5 Ground Point, BRU
				G655 F	4 Ground Point, BRU
				G656 E	5 Ground Point, BRU
				G657 F	6 Ground Point, BRU
				E81 D	2 Engine fan 1
				H505 E	3 Heater, RES2
				M38 B	3 Motor, coolant pump, RES
				M39 B	5 Motor, cooling fan
				M553 B	4 Engine fan 1
				M513 B	2 Coolant Pump, BRU
				P508 F	3 Central electric unit, VCB
				P509 E	3 Central electric unit, VCB
				P509 F	6 Central electric unit, VCB
				P509 F	8 Central electric unit, VCB
				T181 E	5 Sensor, level
				T210 E	5 Sensor, temperature, battery coolant outlet
				T211 B	4 Sensor, pressure, refrigerant
				V194 E	5 Solenoid valve, water valve control

**SCANIA**

Circuit Diagram:  
**RES2 BEV**

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BRU  
Valid for C chassis (BEV)