



Des.	Pos.	Description
C540	C 4	Connector, 2-pole
C565	D 3	Connector, 2-pole
C606	D 5	Connector, 2-Pole
C610	B 5	TMS sub CAN
C611	B 5	BMU sub CAN
C512	D 8	Connector, 21-pole
C614	D 7	Connector, 4-pole
C621	E 5	Connector, 36-pole
C624	D 8	Connector, 25-pole
C581	E 7	Signal, Wake up (green/yellow)
C708	D 5	Connector, 3-pole HEV EP/Roof Front
C803	F 5	Connector, 62-pole
C806	F 5	TMS SUB CAN
E51	B 3	Control unit, BMU
E83	B 7	Control unit, battery pack, master
E84	A 4	Control unit, DCC
E140	C 4	Control unit, auxiliary cooler, battery
G543	D 4	Ground
G568	C 4	Ground
G632	C 8	Ground Point, HRU
G633	C 7	Ground Point, HRU
G634	C 5	Ground Point, HRU
G635	C 4	Ground Point, HRU
G636	C 7	Ground Point, HRU
G637	C 8	Ground Point, HRU
G638	C 4	Ground Point, HRU
G639	C 6	Ground Point, HRU
G640	C 6	Ground Point, HRU
G641	C 5	Ground Point, HRU
H32	C 3	Heater, RES2
M516	C 5	Coolant pump, RES
M517	C 7	Cooling fan
M518	C 6	Motor, Fan
M519	C 5	Coolant pump, MGS
M520	C 6	Motor, Fan
M521	C 3	Motor, Compressor fan
P2.BX76	E 5	Fuse socket, central electric unit
P2.BX77	E 5	Fuse socket, central electric unit
P2.BX78	E 5	Fuse socket, central electric unit
P2.BX80	E 7	Fuse socket, central electric unit
P2.BX81	E 7	Fuse socket, central electric unit
P2.BX82	E 3	Fuse socket, central electric unit
P2.CX161	E 4	Fuse socket, central electric unit
P502	C 8	Electric Central VCB
P518	D 7	Power distributor, chassis
S229	E 3	Switch, interlock loop control
T179	A 6	Sensor, temperature, battery coolant inlet
T181	A 6	Sensor, level
T211	A 4	Sensor, pressure, refrigerant
T513	A 6	Sensor, inverter level (Coolant Level Sensor, RES)
V194	A 7	Solenoid valve, water valve control

Cable designation		Colour code of electric cable
AWG35, OG - 1	1	Black
	2	White
	3	Brown
	4	Red
	5	Orange
	6	Yellow
	7	Green
	8	Blue
	9	White
	10	Grey
	11	White
	12	Pink

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Circuit Diagram: **RES2_HEV**

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