



LEFT TO RIGHT, TOP TO BOTTOM

pin	cable color	function	input/output?	remarks	BMU
11	green	P-CAN Low	both	powertrain CAN	D-15
10	orange	P-CAN high	both	powertrain CAN	D-16
9	brown	charging connector temp sensor	input	placed 12K resistor between 9 and 31	D-2
8	grey	radiator inlet temperature sensor	input	placed 12K resistor between 8 and 30	
7	---	empty---			
6	---	empty---			
5	blue/orange	quick charge (-) relay control	output		
4	grey/orange	quick charge (+) relay control	output		
3	blue/orange	safety plug service interlock	input	interconnect straight 3 with 14	D-4
2	red	12V (all time)	input	feed 12V	C-2
1	red	12V (all time)	input	feed 12V	C-1
22	---	empty---			
21	green	3/way coolant control	output	unsure?	D-14
20	---	empty---			
19	---	empty---			
18	---	empty---			
17	---	empty---			
16	---	QC CAN Low - not used	both	not used according to documentation	
15	---	QC CAN High - not used	both	not used according to documentation	
14	black	service plug (safety plug interlock?)	input	interconnect straight 3 with 14	D-12
13	white/black	crash SRS signal	input	feed 5V	D-3
12	pink	12V - feed to power BMU	input	doc wrong - feed 12V to power on	C-3/7
33	black	Ground	Ground	connect to GND	C-11/12
32	---	empty---			
31	white	charging connector temp sensor ground	Ground	placed 12K resistor between 9 and 31	D-10
30	pink/black	radiator temp sensor ground	Ground	placed 12K resistor between 8 and 30	
29	green	3/way coolant control ground	Ground	unsure ?	
28	green/orange	BMS Positive Temp Coefficient (PTC) sensor	Ground	connected to the heater	
27	brown/black	BMS PTC heater sensor	input	connected to the heater	
26	black	quick charge relay ground	Ground	when signals to 5 and 4 are sent by BMS	
25	---	empty---			
24	---	empty---			
23	---	empty---			