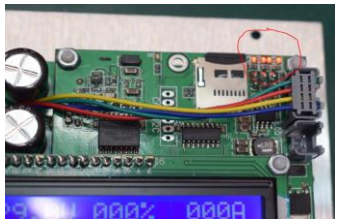
Pro-160 Voltage table

Instructions

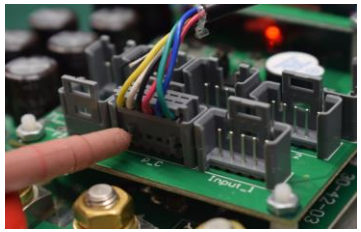
1: Remove the controllers cover.

2: Connect the controller as normal excluding motor wires.

3: Check to see that all four LEDs light when the ignition is on.

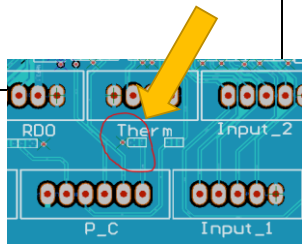


4: Measure the voltages between B- and each of the 6 pins shown in the picture.



5: Record the measured voltages for each pin in the grey boxs, the expected values are in [brackets].

Pin letter	Wire colour	Voltage [with respect to B-]		Possible causes if the measured voltage is different from the expected.
A	Yellow	[B+]		Wiring fault in B+ line or blown + fuse track.
B	White	Ignition off	Ignition on	
		[0V]	[B+]	Wiring or ignition switch fault.
				If one or more LEDs do not light then the controller is faulty.
C	Black	Ignition on, direction = forward	Ignition on, direction = reverse	
		[0V]	[B+]	Wiring or reverse switch fault.
D	Red	Ignition off	Ignition on	
		[0V]	[5V*]	Wiring, pot, or controller fault.
E	Blue	Ignition on, pot set to minimum	Ignition on, pot set to maximum	
		[0V]	[5V*]	Pot or pot wiring fault.
F	Green	[0V]		Wiring fault in B- line. Earth fuse track blown. R112 blown.



* 3.5V if using our test board