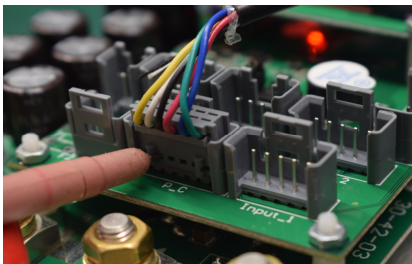
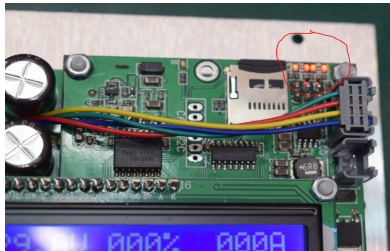


<b>Pro-160 Voltage table</b>  Instructions  1: Remove the controllers cover.  2: Connect the controller as normal excluding motor wires.  3: Check to see that all four LEDs light when the ignition is on.	Pin letter	Wire colour	Voltage [with respect to B-]		Possible causes if the measured voltage is different from the expected.	
4: Measure the voltages between B- and each of the 6 pins shown in the picture.	A	Yellow	[B+]		Wiring fault in B+ line or blown + fuse track.	
	B	White	Ignition off	Ignition on	Wiring or ignition switch fault.	
			[0V]	[B+]		
						If one or more LEDs do not light then the controller is faulty.
	C	Black	Ignition on, direction = forward	Ignition on, direction = reverse	Wiring or reverse switch fault.	
			[0V]	[B+]		
D	Red	Ignition off	Ignition on	Wiring, pot, or controller fault.		
		[0V]	[5V*]			
E	Blue	Ignition on, pot set to minimum	Ignition on, pot set to maximum	Pot or pot wiring fault.		
		[0V]	[5V*]			
F	Green	[0V]		Wiring fault in B- line. Earth fuse track blown.		



\* 3.5V if using our test board