

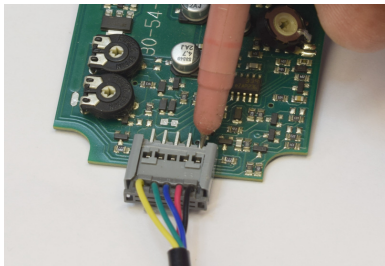
Porter 5-10 Voltage table

For Porters with a 10k pot connected to pins A, C, and E

1: Remove the controllers cover.

2: Connect the controller as normal excluding motor wires.

3: Measure the voltages on the 6 pin connector at the location of the red probe in the picture



4: Record the voltages for each grey box, the expected values are in [brackets].

Pin letter	Wire colour	Voltage [with respect to B-]		Possible causes if actual voltage is different from expected.
		Ignition off	Ignition on	
A	Green	[0 V]	[0.5 V]	Wiring or controller fault
B	Green	[0V]	[0 V]	Wiring or controller fault
C	Blue	Ignition on, pot set to minimum	Ignition on, pot set to maximum	Pot or pot wiring fault
		[0.5V]	[4.2V]	
		Ignition off	Ignition on	
D	Red	[5.5V]	[4.8V]	Wiring , ignition switch, or controller fault.
E	Red	Ignition off	Ignition on	Wiring , ignition switch, or controller fault.
		[5.5V]	[4.2V]	