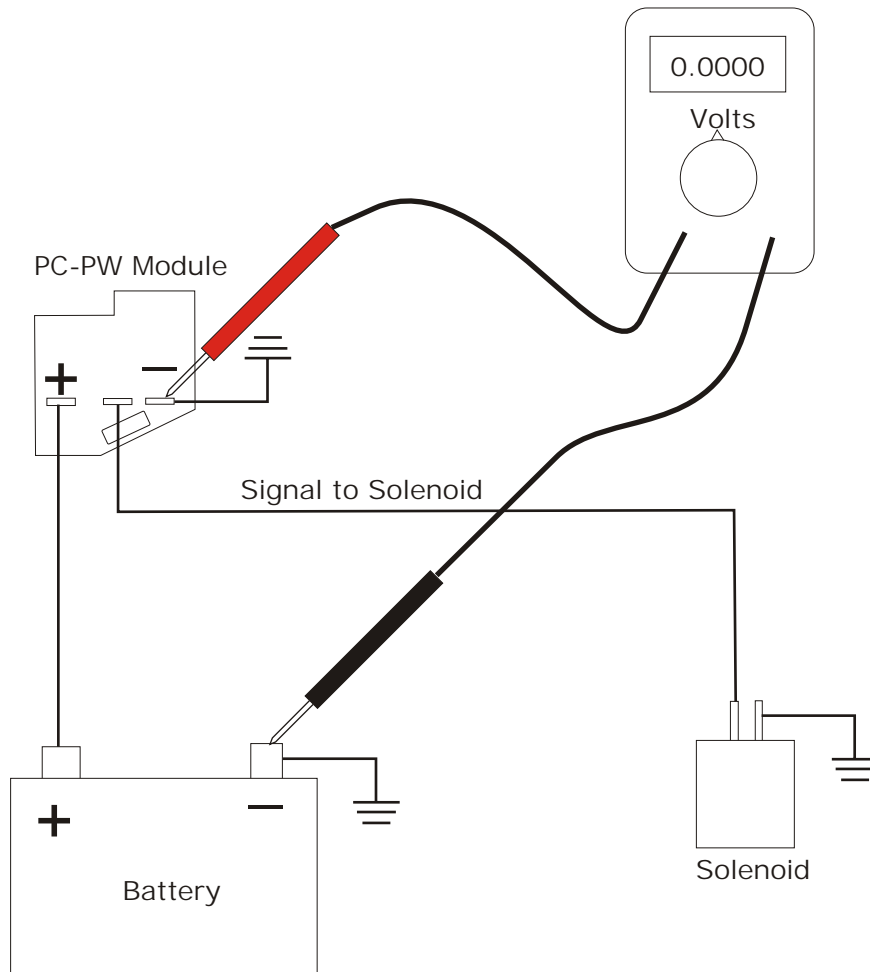


PC-PW Wiring

95% of the Reported Technical issues with The PC-PW Modules is a result of improper grounding.



Checking Module for Ground

The PC-PW Valve driver Modules will operate without a proper ground as it will tend to ground itself through the solenoid. If this happens the performance will be erratic and the module will eventually be damaged.

The basic circuit for wiring a Valve driver Module is shown above. For the module to operate properly the Module, Solenoid and Battery must all be grounded properly. To test for a good module ground, turn on the power to the module and with the voltmeter set to read "volts" check the circuit as shown in the diagram. If you have a good ground the voltmeter will read 0.000 volts. If the voltmeter reads anything else other than 0.000 volts you do not have a proper ground. (Even a reading as low as 0.01 volts is unacceptable)

Check and clean all ground connections in the circuit until the reading is 0 volts.