

# Checking Voltage Drops Across Connections

**\*Test is never to be performed with a weak or low battery!**

**USE EXTREME CAUTION WHEN WORKING AROUND AN OPERATING SAWMILL ENGINE.**

**Inspect all connections and verify that they are clean and corrosion free.**

## **CHECKING GROUND CONNECTIONS**

To verify there is a good ground, set the voltmeter on DC volts. Place one meter lead on the ground wire and the other meter lead where the wire connects. Load the circuit. The reading should be very low, approximately **1/2 VOLT OR LOWER**. If **HIGHER**, it indicates a problem with the mounting connection.

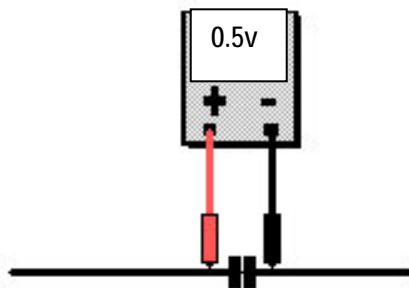
Verify the ground connections are clean and tight.

## **CHECKING VOLTAGE CONNECTIONS**

To verify there is a good voltage connection, set the voltmeter on DC volts. Place one meter lead on the positive wire and the other meter lead where the wire connects. Load the circuit. The reading should be very low, approximately **1/2 VOLT OR LOWER**. If **HIGHER**, it indicates a problem with the voltage connection.

Verify the positive connections are clean and tight.

## **VOLTAGE DROP**



**Check for voltage drop across the connection.  
A good reading is less than 0.5 volts.**