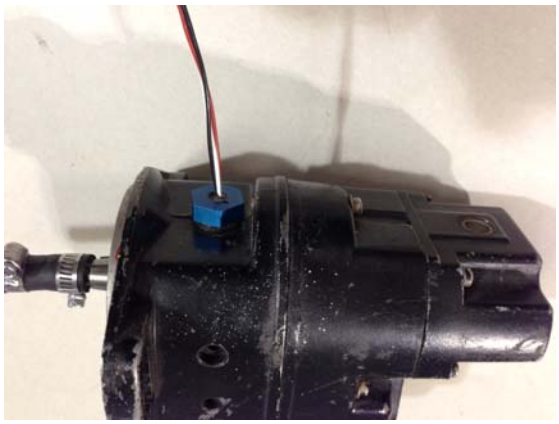
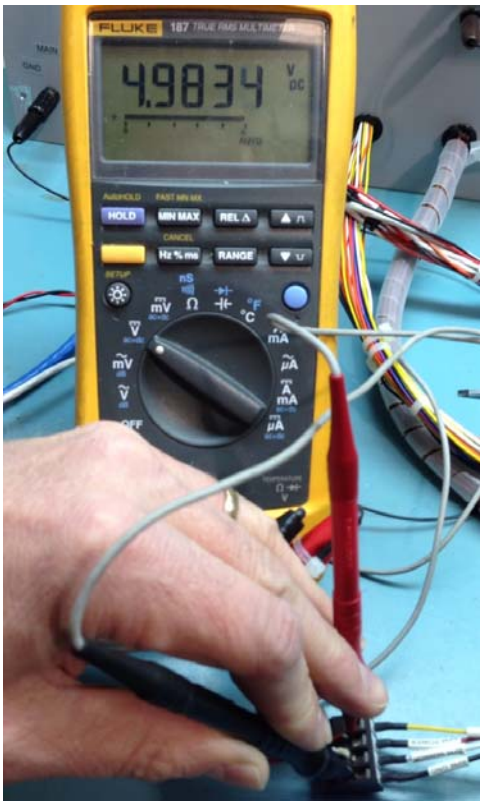
RPM Mag Sensor does not Read

The RPM sensor is a latching Hall Effect sensor that detects the magnet in the engine magneto. Every time the magneto magnet passes the sensor body the voltage will latch on or off and will remain at the new voltage until the next pass of the magnet.

1. **Verify that the Sensor is mounted in the correct hole in the Magneto.**

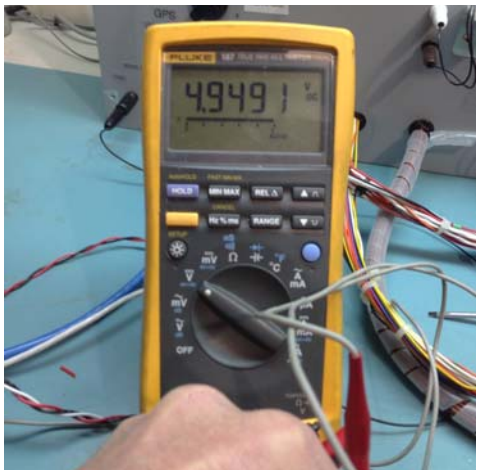


2. **Verify that you have approximately 5V between the Red and Black sensor wires**.

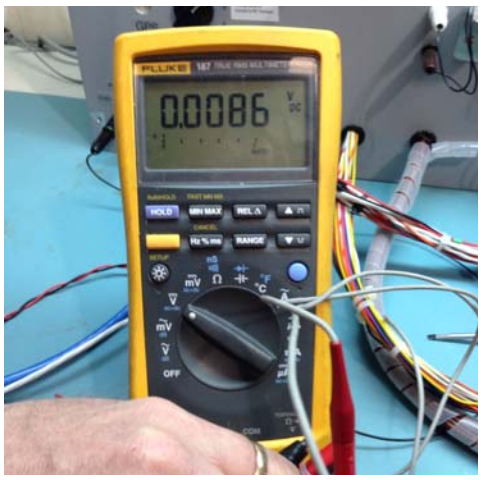


3. **Verify that the voltage changes on the white sensor wire.** When the magnet passes by the sensor body the voltage on the white wire should change and remain from approximately (0 to 5 volts) or (5 to 0 volts).

White Sensor wire latched HIGH



White Sensor wire latched LOW



4. **Verify that the EFIS RPM input is counting.** From the RPM calibration menu you should see the current RPM pulse count. Every time the magnet passes the sensor the count should increase.