

**CHARGING VOLTAGE INSPECTION**

- Make sure the battery is in good condition before performing this test.

Remove the front center cover (page 3-4).

*Do not disconnect the battery or any cable in the charging system without first switching the ignition switch OFF. Failure to do so can damage the tester or electrical components.*

Warm up the engine to normal operating temperature.

Stop the engine and connect the multimeter as shown.

- To prevent a short, make absolutely certain which are the positive and negative terminals or cable.

Restart the engine.

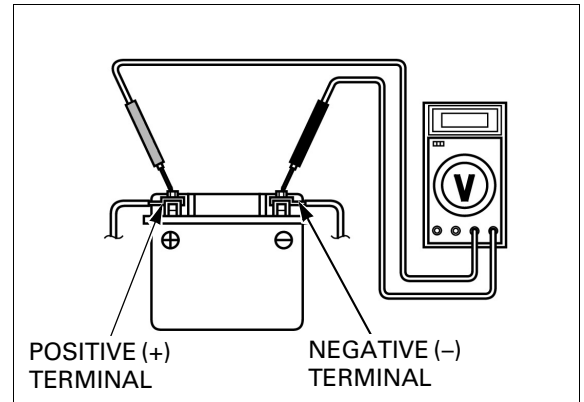
With the headlight on Hi beam, measure the voltage on the multimeter when the engine runs at 5,000 min<sup>-1</sup> (rpm).

**STANDARD:**

**Measured BV < Measured CV < 15.5 V**

- BV = Battery Voltage
- CV = Charging Voltage

If the voltage is abnormal, checks in the troubleshooting flow chart (page 18-5).



**ALTERNATOR**

**INSPECTION**

Remove the luggage box (page 3-8).

Disconnect the alternator 3P connector.

Measure the resistance between each Yellow wire terminals.

**STANDARD: 0.1 – 1.0 Ω (at 20°C/68°F)**

Check for continuity between each wire terminal of the alternator/stator side connector and ground. There should be no continuity.

Replace the stator if the resistance is out of specification, or if any wire has continuity to ground.

