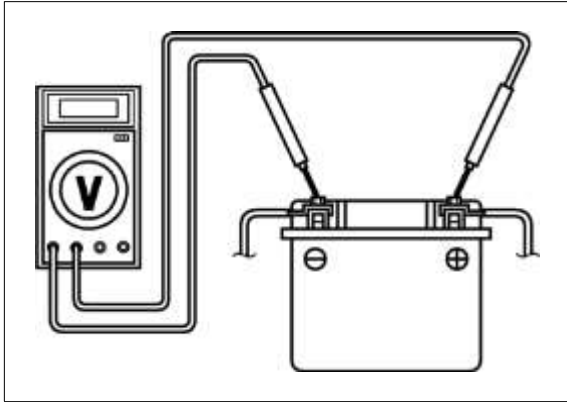




CHARGING VOLTAGE INSPECTION



NOTE:

- Make sure the battery is in good condition before performing this test.
- Do not disconnect the battery or any cable in the charging system without first switching the ignition switch to OFF. Failure to follow this precaution can damage the tester or electrical components.
- Warm up the engine to normal operating temperature.



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



- Multimeter (between the battery positive (+) terminal and negative (-) terminal)
- With the headlight on high beam, restart the engine. Measure the voltage on the multimeter when the engine runs at 5,000 min⁻¹ (rpm).



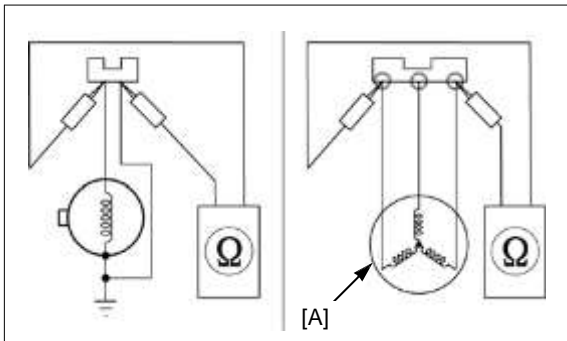
- Check the charging voltage.

STANDARD:

Measured BV < Measured CV < 15.5 V

- BV = Battery Voltage
- CV = Charging Voltage

ALTERNATOR CHARGING COIL INSPECTION



- Disconnect the alternator connector.



- Check the resistance between the alternator connector wire terminals of the alternator side.
 - Triple phase output alternator type [A]: check each resistance between the three terminals.
 - If the resistance is out of specification, replace the stator.