

VEHICLE SPEED SENSOR (VSS) INSPECTION

Lift and support the fuel tank (page 4-5).

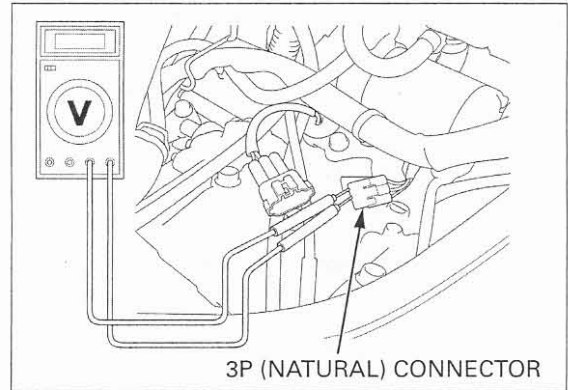
Disconnect the VSS 3P (Natural) connector.
Measure the voltage between the Brown/white (+) and Green/black (-) wire terminals at the harness side 3P connector.

CONNECTION: Brown/white (+) – Green/black (-)
STANDARD: Battery voltage

There should be battery voltage with the ignition switch ON.

If there is no voltage, check for open circuit in related wires.

If there is voltage, check the VSS as follows.



Support the motorcycle securely using a safety stand or hoist, and raise the rear wheel off the ground.

Connect the inspection adaptor to the sensor 3P connectors.

TOOL:
Inspection adaptor 07GMJ-ML80100

Measure the voltage between the Red clip (+) and White clip (-).

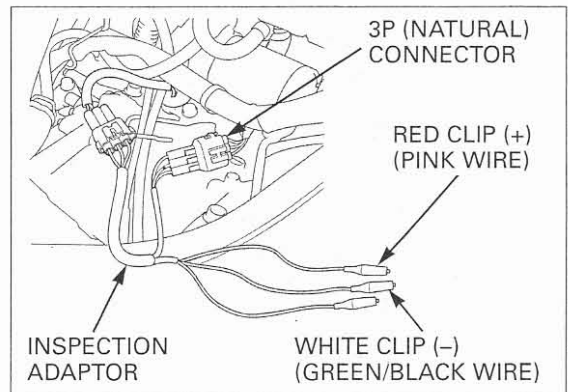
CONNECTION: Red clip (+) – White clip (-)
STANDARD: Repeat 0 to 5 V

Shift the transmission into neutral and turn the ignition switch ON.

Slowly turn the rear wheel by hand.

There should be 0 to 5 V pulse voltage.

If the pulse voltage does not appear, replace the VSS (page 20-12).



REMOVAL/INSTALLATION

Lift and support the fuel tank (page 4-5).

Remove the VSS 3P (Natural) connector from the stay and disconnect the connector.
Remove the bolt, stay and VSS.

