

Check that the resistance between the red/yellow and green/black wire terminals varies with the throttle position while operating the throttle grip.

Fully open – Fully closed position: Resistance decreases

Fully closed – Fully open position: Resistance increases

If the correct measurements cannot be obtained, disconnect the throttle sensor 3P connector and perform the same inspections at the sensor terminals.

- If the measurement at the ICM is abnormal and the one at the throttle sensor is normal, check for open or short circuit, or loose or poor connections in the wire harness.
- If both measurements are abnormal, replace the throttle sensor.

Connect the ICM connector.

Turn the engine stop switch to RUN and the ignition switch ON.

Measure the input voltage between the yellow/black (+) and green/black (-) wire terminals of the wire harness side throttle sensor connector.

STANDARD: 4.7 – 5.3 V

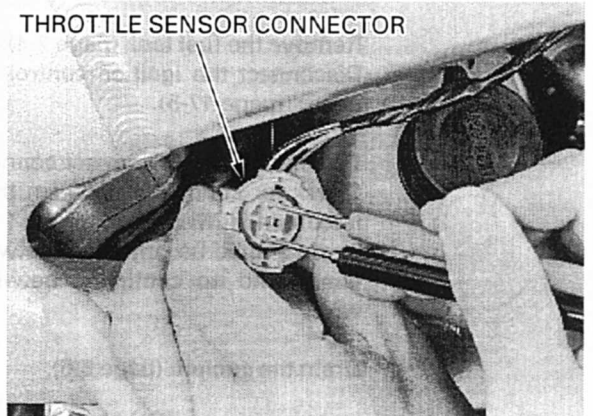
If the input voltage is abnormal, or if there is no input voltage, check for open or short circuit in the wire harness, or loose or poor ICM connector contact.

REPLACEMENT

Remove the carburetors from the insulators (page 5-5).

Disconnect the throttle sensor connector.

Remove the two torx screws and the throttle sensor.



Install the throttle sensor so that the pin of the throttle sensor is positioned between the tabs of the throttle shaft.

Apply locking agent to the torx screw threads and loosely install the screws.

CAUTION:

Install the throttle sensor properly. Improper installation can cause damage to the throttle sensor.

