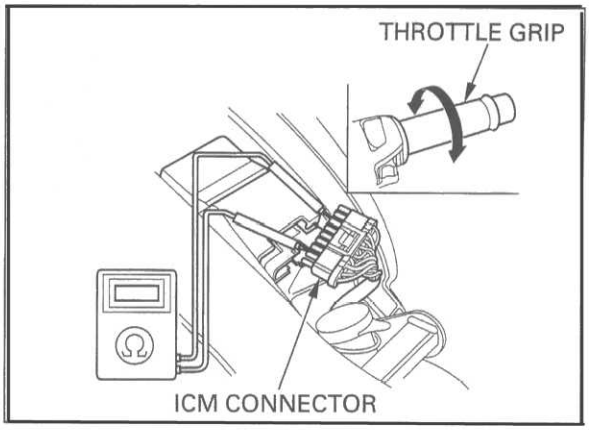
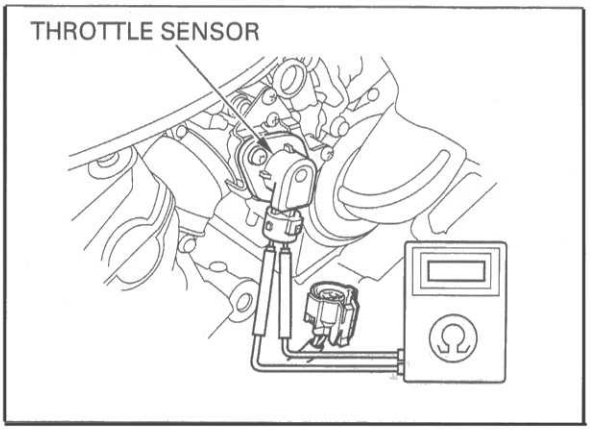
Check that the resistance between the Red/Yellow and Blue wire terminals varies with the throttle position while operating the throttle grip.

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 (Black) connector and perform the same inspections at the sensor terminals.

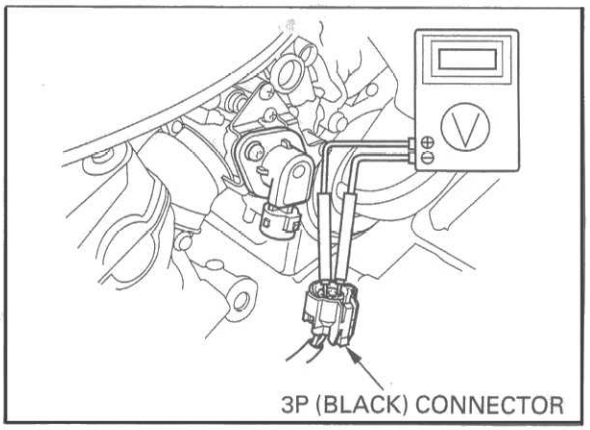
- If the measurement at the ICM is abnormal and the one at the throttle sensor is normal, check for open or short circuit, or loose or poor connections in the wire harness.
- If both measurements are abnormal, replace the throttle sensor.



Connect the ICM connector.
Turn the engine stop switch to RUN and the ignition switch ON.
Measure the input voltage between the Yellow/Red (+) and Blue (–) 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.



IGNITION CONTROL MODULE

REMOVAL/INSTALLATION

Remove the seat (page 2-2).

Disconnect the ICM (Ignition Control Module) multi-connector.
Remove the ICM from the rear fender.

Installation is in the reverse order of removal.