

FUEL SYSTEM (Programmed Fuel Injection)

4. IAT Sensor Open Circuit Inspection

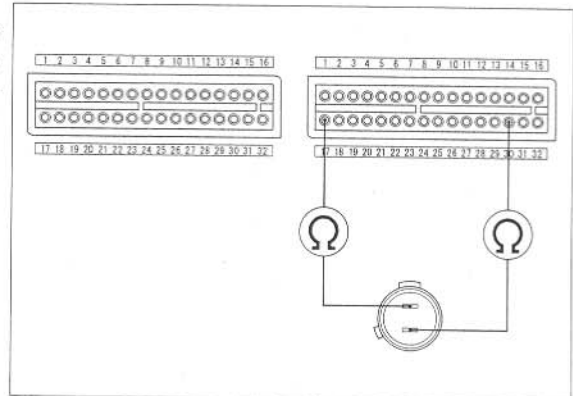
Turn the ignition switch OFF.

Check for continuity at the Gray/blue and Green/orange wires between the IAT sensor 2P connector terminal and the ECM 32P (Light gray) connector.

Are there continuity?

YES – GO TO STEP 5.

NO – • Open circuit in Gray/blue wire
• Open circuit in Green/orange wire



5. IAT Sensor Output Line Short Circuit Inspection

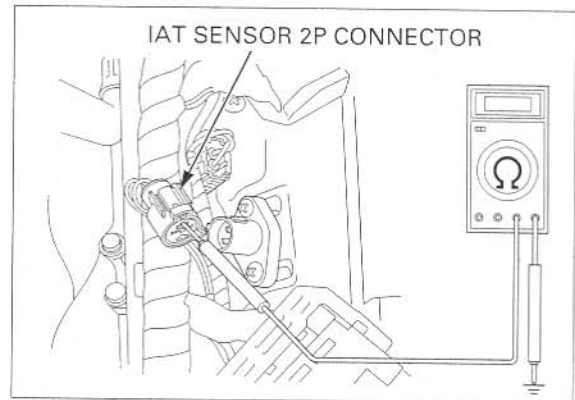
Check for continuity between the IAT sensor 2P connector terminal of the wire harness side and ground.

Connection: Gray/blue – Ground

Is there continuity?

YES – Short circuit in Gray/blue wire

NO – Replace the ECM with a known good one and recheck.



MIL 11 BLINKS (VEHICLE SPEED SENSOR)

- Before starting the inspection, check for loose or poor contact on the vehicle speed sensor connector and recheck the MIL blinking.

1. Vehicle Speed Sensor Pulse Inspection

Turn the ignition switch OFF.

Connect the ECM test harness to the ECM connectors (page 6-10).

Support the motorcycle securely and place the rear wheel off the ground.

Shift the transmission into gear.

Measure the voltage at the test harness terminals with the ignition switch ON and engine stop switch "Q" while slowly turning the rear wheel by hand.

Connection: B25 (+) – A4 (-)

Standard: Repeat 0 to 5 V

Is there standard voltage?

YES – • Intermittent failure
• Loose or poor contact on the ECM connectors

NO – GO TO STEP 2.

