

2. MAP Sensor Output Voltage Inspection

Connect the ECM test harness to ECM connectors (page 6-11).

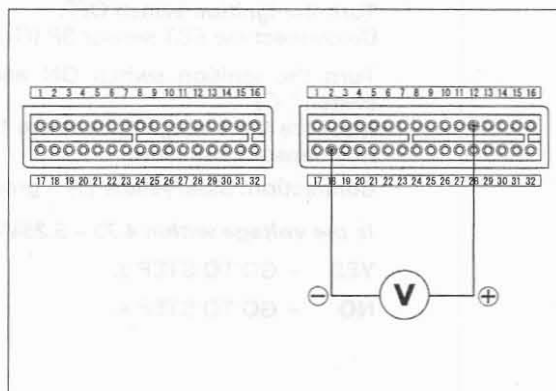
Turn the ignition switch ON and engine stop switch "Q".
Measure the voltage at the test harness terminals.

Connection: B12 (+) –B18 (-)

Is the voltage within 2.7 – 3.1 V?

YES – GO TO STEP 3.

No – Faulty MAP sensor



3. MAP Sensor Output Voltage Inspection At Idle

Start the engine.

Measure the voltage at the test harness terminals.

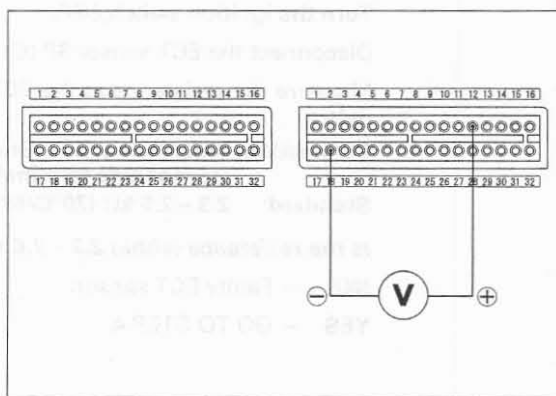
Connection: B12 (+) –B18 (-)

Standard: 2.7 V maximum

Is the voltage less than 2.7 V?

YES – Replace the ECM with a known good one, and recheck

NO – Faulty MAP sensor



MIL 7 BLINKS (ECT SENSOR)

- Before starting the inspection, check for loose or poor contact on the ECT sensor 3P (Gray) connector and recheck the MIL blinking.

1. ECT Sensor Output Voltage Inspection

Turn the ignition switch OFF.
Connect ECM the test harness to ECM connectors (page 6-11).

Turn the ignition switch ON and engine stop switch "Q".
Measure the voltage at the ECM test harness terminals.

Connection: B27 (+) –B26 (-)

Standard: 2.7 – 3.1 V (20°C/68°F)

Is the voltage within 2.7 – 3.1 V?

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

No – GO TO STEP 2.

