

3. TP Sensor Circuit Continuity Inspection

Turn the ignition switch "OFF".

Disconnect the ECM 33P connector.

Check for continuity between the sensor unit 5P connector and the ECM 33P connector of the wire harness side.

CONNECTION	STANDARD
White/Red – White/Red	Continuity

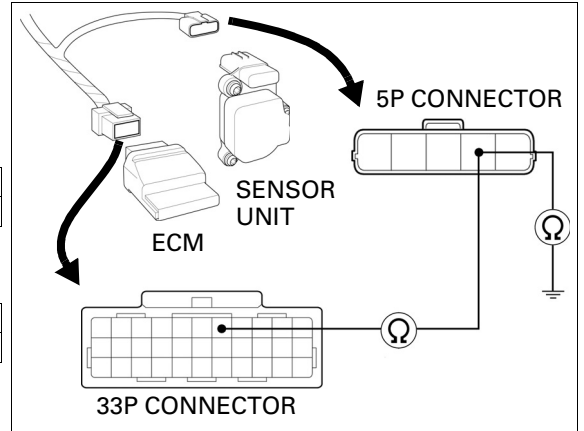
Check the continuity between the sensor unit 5P connector of the wire harness side and ground.

CONNECTION	STANDARD
White/Red – Ground	No continuity

Are the above inspections normal?

YES – Replace the ECM with a new one, and recheck.

NO – • Open circuit in White/Red wire.
• Short circuit in White/Red wire.



MIL 9 BLINKS (IAT SENSOR)

1. Recheck MIL Blinks

Erase the self diagnosis memory data from the ECM (page 6-15).

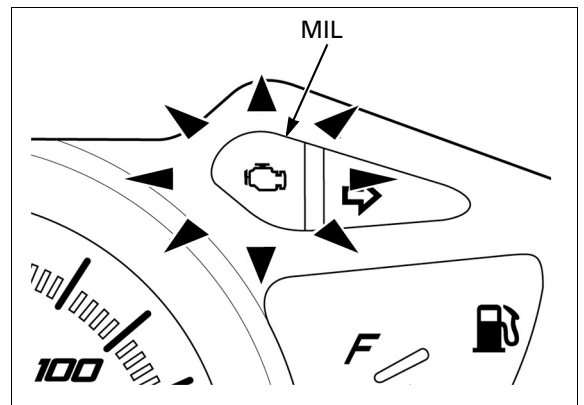
Turn the ignition switch "ON".

Check the MIL blinks.

How many times does MIL blink?

1 and 8 or 1,8,9 all blinks – GO TO SENSOR UNIT POWER/GROUND CIRCUIT INSPECTION (page 6-21).

9 blinks – GO TO STEP 2.



2. IAT Sensor Resistance Inspection

Turn the ignition switch "OFF".

Disconnect the sensor unit 5P connector.

Measure the resistance between the sensor unit 5P connector terminals.

CONNECTION: C – E

STANDARD: 1 – 4 kΩ (20°C/68°F)

Is the resistance within 1 – 4 kΩ (20°C/68°F)?

NO – Replace the sensor unit with a new one, and recheck. (Faulty IAT sensor)

YES – GO TO STEP 3.

