

**P0112**

The scan tool indicates Diagnostic Trouble Code (DTC) P0112: A low voltage (high temperature) problem in the Intake Air Temperature (IAT) sensor circuit.

- The MIL has been reported on.
- DTC P0112 is stored.
- Or from Probable Cause List.

Problem verification:

1. Turn the ignition switch ON (II).
2. Check the IAT with the scan tool.

Is 302°F (150°C) or higher (or H-Limit in Honda mode of the PGM Tester) or 0 V indicated?

YES

NO

Is the correct ambient temperature indicated*?

NO

Replace the IAT sensor.

*: If the engine is warm, it will be higher than ambient temperature.

YES

Intermittent failure, system is OK at this time. Check for poor connections or loose wires at C251, C254 (located at left shock tower), C109 (IAT sensor) and PCM.

Check for a short in the IAT sensor:

1. Disconnect the IAT sensor 2P connector.
2. Check the IAT with the scan tool.

Is 302°F (150°C) or higher (or H-Limit in Honda mode of the PGM Tester) or 0 V indicated?

NO

Replace the IAT sensor.

YES

Check for a short in the wire (IAT line):

1. Turn the ignition switch OFF.
2. Disconnect the PCM connector D (22P).
3. Check for continuity between No. 2 terminal on the IAT sensor 2P connector and body ground.

Is there continuity?

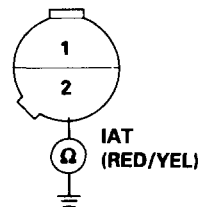
YES

Repair short in the wire between PCM (D8) and IAT sensor.

NO

Substitute a known-good PCM and recheck (see page 11-42 for immobilizer information). If normal IAT is indicated, replace the original PCM.

IAT SENSOR 2P CONNECTOR (C109)



Wire side of female terminals

(cont'd)