

**P0107**

The scan tool indicates Diagnostic Trouble Code (DTC) P0107: A low voltage (high vacuum) problem in the Manifold Absolute Pressure (MAP) sensor.

- The MIL has been reported on.
- DTC P0107 is stored.

Problem verification:

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

Is approx. 0 kPa (0 mmHg, 0 in.Hg) indicated?

NO

Intermittent failure, system is OK at this time. Check for poor connections or loose wires at C252, C254 (located at left shock tower), C111 (MAP sensor) and PCM.

YES

Check for an open or short in the MAP sensor:

1. Turn the ignition switch OFF.
2. Disconnect the MAP sensor connector.
3. Turn the ignition switch ON (II).
4. Check the MAP with the scan tool.

Is approx. 0 kPa (0 mmHg, 0 in.Hg) indicated?

NO

Replace the MAP sensor.

YES

Check for an open in wire (VCC1 line):

Measure voltage between the MAP sensor connector No. 1 terminal and No. 2 terminal.

Is there about 5 V?

NO

Repair open in the wire between PCM (D10) and MAP sensor.

YES

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

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

Is there continuity?

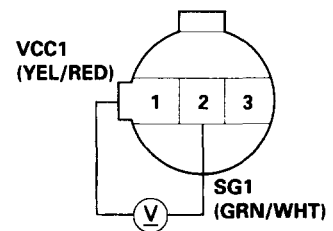
YES

Repair short in the wire between PCM (D9) and MAP sensor.

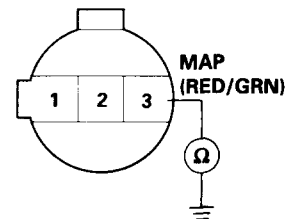
NO

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

MAP SENSOR 3P CONNECTOR (C111)



Wire side of female terminals



(cont'd)