

# PGM-FI System

## Primary Heated Oxygen Sensor (HO2S) (Sensor 1) (cont'd)

**P0132** The scan tool indicates Diagnostic Trouble Code (DTC) P0132: A high voltage problem in the Right Primary Heated Oxygen Sensor (Right Primary HO2S) (Bank 1, Sensor 1) circuit.

**P0152** The scan tool indicates Diagnostic Trouble Code (DTC) P0152: A high voltage problem in the Left Primary Heated Oxygen Sensor (Left Primary HO2S) (Bank 2, Sensor 1) circuit.

- The MIL has been reported on.
- DTC P0132 and/or P0152 are stored.

### Problem verification:

1. Do the PCM Reset Procedure.
2. Start the engine. Hold the engine at 3,000 rpm with no load (in Park or neutral) until the radiator fan comes on.
3. Test-drive with the transmission in **[2]** position.
4. Check the right primary HO2S (Bank 1, Sensor 1) or left primary HO2S\* (Bank 2, Sensor 1) output voltage with the scan tool during deceleration using completely closed throttle.

Does the voltage stay at 0.9 V or more?

NO

Intermittent failure, system is OK at this time. Check for poor connections or loose wires at C251, C254 (located at left shock tower), C119 (right primary HO2S (Bank 1, Sensor 1)) or C126 (left primary HO2S (Bank 2, Sensor 1))\*

YES

### Check for an open in the HO2S:

1. Turn the ignition switch OFF.
2. Disconnect the right primary HO2S (Bank 1, Sensor 1) or left primary HO2S\* (Bank 2, Sensor 1) connector.
3. Install a jumper wire on the harness side of the right primary HO2S (Bank 1, Sensor 1) or left primary HO2S\* connector between terminals No. 1 and No. 2.
4. Turn the ignition switch ON (II).
5. Check the right primary HO2S (Bank 1, Sensor 1) or left primary HO2S\* (Bank 2, Sensor 1) output voltage with the scan tool.

Is there 0.9 V or more?

NO

Replace the HO2S.

YES

### Check for an open in the wires (PO2S line):

1. Turn the ignition switch OFF.
2. Install a jumper wire on the PCM connector between D19, or D18\* and D22.
3. Turn the ignition switch ON (II).
4. Check the right primary HO2S (Bank 1, Sensor 1) or left primary HO2S\* (Bank 2, Sensor 1) output voltage with the scan tool.

Is there 0.9 V or more?

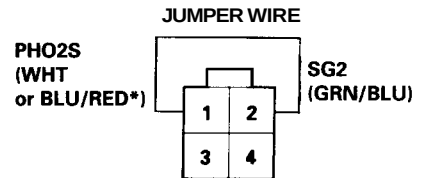
NO

Repair open in the wire between PCM (D19 or D18\*) and right primary HO2S (Bank 1, Sensor 1) or left primary HO2S\* (Bank 2, Sensor 1).

YES

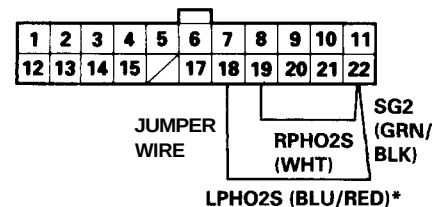
Substitute a known-good PCM and recheck (see page 11-42 for immobilizer information). If symptom/indication goes away, replace the original PCM.

RIGHT PRIMARY HO2S (Bank 1, Sensor 1) CONNECTOR (C119)  
or LEFT PRIMARY HO2S (Bank 2, Sensor 1) CONNECTOR (C126)



Wire side of female terminals

PCM CONNECTOR D (22P)



Wire side of female terminals

\*: P0152