



## Barometric Pressure (BARO) Sensor

Diagnostic Trouble Code (DTC) 3-5: The barometric pressure (BARO) sensor

Remove the ABS B2 (15 A) fuse and No. 15 (7.5 A) fuse in the under-hood fuse/relay box for more than 10 seconds to reset the TCS control unit and ECM or PCM.

Start the engine.

Confirm the TCS code (see page 19-98).

Is code 3—5 indicated?

NO

Intermittent failure.  
Check for poor connections or loose wires.

YES

Confirm the PGM-FI system code (see section 11).

Is code 13 indicated?

YES

Repair according to the PGM-FI system troubleshooting guide (see section 11).

NO

Turn the ignition switch OFF.

Disconnect the 26P connector from the TCS control unit.

Turn the ignition switch ON.

Measure the voltage between the 26P connector No. 18A terminal (+) and body ground.

Is there approx. 2 V to 3 V?

YES

- Check for poor connections or loose wires.
- Substitute a known-good TCS control unit and recheck.

NO

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TCS CONTROL UNIT  
26P CONNECTOR  
(HARNESS SIDE)

1A	2A	3A	4A	5A	6A	7A	8A	9A	10A	11A	12A	13A
14A	15A	16A	17A	18A	19A	20A	21A	22A	23A	24A	25A	26A

View from terminal side

ORN/RED WIRE  
(BARO)



Approx. 2 V to 3 V?

(cont'd)

# Troubleshooting

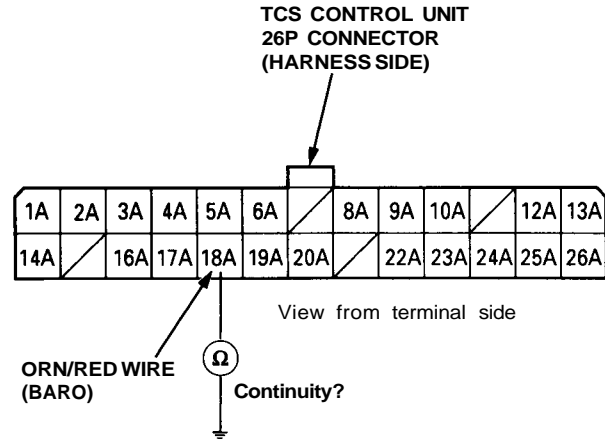
## Barometric Pressure (BARO) Sensor (cont'd)

(From page 19-127)

Turn the ignition switch OFF.

Disconnect the 22P connector from the ECM or PCM.

Check for continuity between the TCS control unit 26P connector terminal 18A and body ground.



Is there continuity?

YES

Repair short in the ORN/RED wire between the TCS control unit and ECM or PCM.

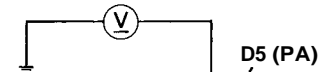
NO

Connect the test harness to the ECM or PCM (see section 11).

Turn the ignition switch ON.

Measure the voltage between the test harness D5 terminal (+) and body ground.

Approx. 2 V to 3 V?



TEST HARNESS

Is there approx. 2 V to 3 V?

YES

Repair open in the ORN/RED wire between the TCS control unit and ECM or PCM.

NO

- Check for poor connections or loose wires.
- Substitute a known-good ECM or PCM and recheck.