

Troubleshooting

DTC 58: Engine Speed Signal

Check for a short to body ground in the NEP circuit:

1. Disconnect the VSA converter unit 26P connector, the PCM connector C (12P) and the gauge assembly 22P connector.
2. Check for continuity between the PCM connector C (12P) terminal No. 8 and body ground.

Is there continuity?

YES

Repair short to body ground in the wire between the VSA converter unit, PCM and the gauge assembly.

NO

Check the PCM:

1. Connect the PCM connector C (12P).
2. Start the engine.
3. Measure the voltage between the PCM connector C (12P) terminal No. 8 and body ground.

NOTE:

- Use the 10 V range or a similar range in an analog tester.
- Check with the engine idling and warmed-up.

Is there about 6 V?

NO

Check for loose terminals in the PCM connectors. If necessary, substitute a known-good PCM, and recheck.

YES

Check for an open in the NEP circuit:

Measure the voltage between the VSA converter unit 26P connector terminal No. 21 and body ground.

NOTE:

- Use the 10 V range or a similar range in an analog tester.
- Check with the engine idling and warmed-up.

Is there about 6 V?

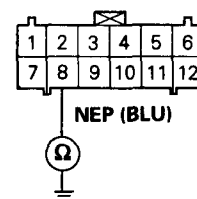
NO

Repair open in the wire between the PCM and the VSA converter unit.

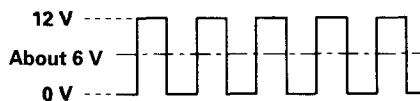
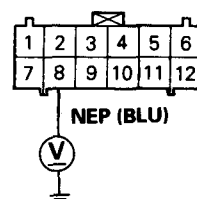
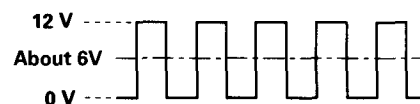
YES

- The system is OK at this time.
- If the problem recurs, replace the VSA converter unit.

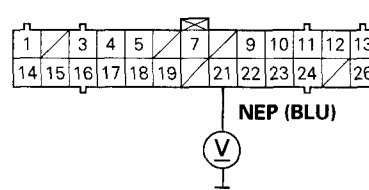
PCM CONNECTOR C (12P)



Wire side of female terminals



VSA CONVERTER UNIT 26P CONNECTOR



Wire side of female terminals