

DTC Troubleshooting: P0325 (23)

DTC P0325: Knock Sensor Circuit Malfunction

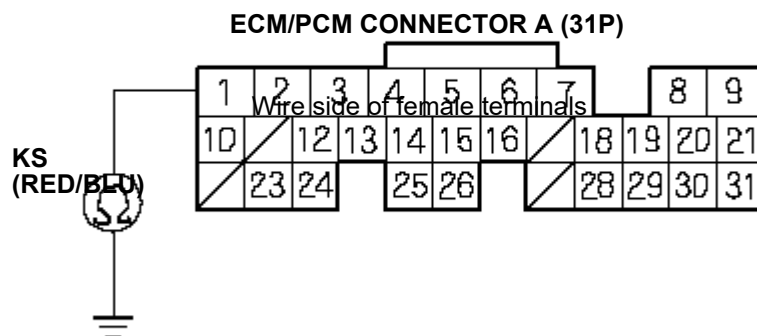
1. Turn the ignition switch ON (II).
2. Do the DTC CLEAR in the CLEAR MENU with the Honda PGM Tester or the HDS.
3. Start the engine. Hold the engine speed at 3,000rpm (min^{-1}) with no load (in Park or neutral) until the radiator fan comes on, then let it idle.
4. Hold the engine at 3,000-4,000 rpm (min^{-1}) at least 60 seconds.
5. Check for Temporary DTCs or DTCs in the DTCs MENU with the Honda PGM Tester or the HDS.

Is DTC P0325 indicated?

YES - Go to [6](#).

NO - Intermittent failure, system is OK at this time. Check for poor connections or loose terminals at the knock sensor and the ECM/PCM. ■

6. Turn the ignition switch OFF.
7. Jump the SCS line with the Honda PGM Tester or the HDS.
8. Disconnect the knock sensor 1P connector.
9. Disconnect ECM/PCM connector A (31P).
10. Check for continuity between ECM/PCM connector terminal A1 and body ground.



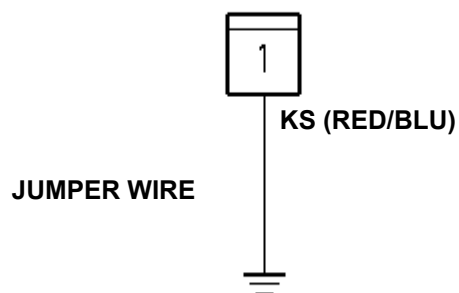
Is there continuity?

YES - Repair short in the wire between the ECM/PCM (A1) and the knock sensor, then go to [11](#).

NO - Go to [11](#).

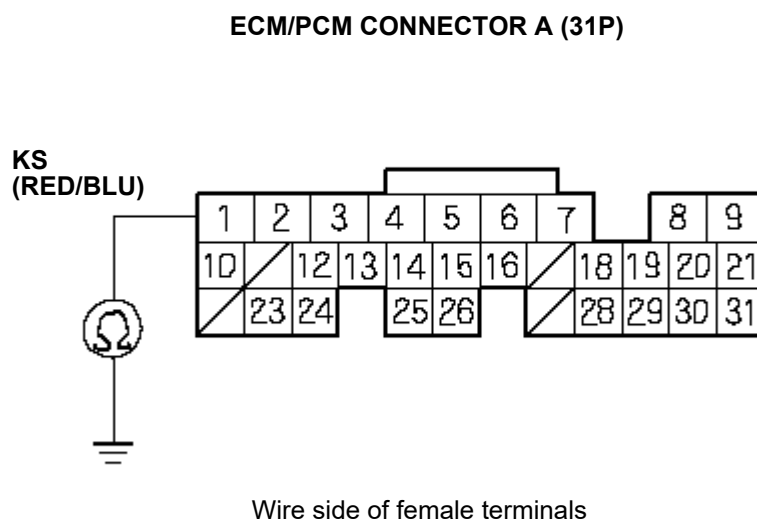
11. Connect the knock sensor 1P connector terminal No.1 to body ground with a jumper wire.

KNOCK SENSOR 1P CONNECTOR



Wire side of female terminals

12. Check for continuity between ECM/PCM connector terminal A1 and body ground.



Is there continuity?

YES - Go to [13](#).

NO - Repair open in the wire between the ECM/PCM (A1) and the knock sensor, then go to [14](#).

13. [Replace the knock sensor.](#)
14. Turn the ignition switch ON (II).
15. Do the ECM/PCM RESET in the CLEAR MENU with the Honda PGM Tester or the HDS.
16. [Do the ECM/PCM idle learn procedure.](#)
17. Start the engine. Hold the engine speed at 3,000 rpm (min^{-1}) with no load (in Park or neutral) until the radiator fan comes on, then let it idle.
18. Hold the engine at 3,000-4,000 rpm (min^{-1}) at least 60 seconds.
- 19.

Check for Temporary DTCs or DTCs in the DTCs MENU with the Honda PGM Tester or the HDS.

Are any Temporary DTCs or DTCs indicated?

YES - Go to [21](#).

NO - Go to [20](#).

20. Monitor the OBD STATUS for DTC P0325 in the DTCs MENU with the Honda PGM Tester or the HDS.

Is it PASSED?

YES - Troubleshooting is complete. ■

NO - If it is FAILED, then go to [1](#) and recheck. If it is NOT COMPLETED, go to [7](#) and recheck.

21. [Update the ECM/PCM if it does not have the latest software, or substitute a known-good ECM/PCM.](#)

22. Start the engine. Hold the engine speed at 3,000 rpm (min⁻¹) with no load (in Park or neutral) until the radiator fan comes on, then let it idle.

23. Hold the engine at 3,000-4,000 rpm (min⁻¹) at least 60 seconds.

24. Check for Temporary DTCs or DTCs in the DTCs MENU with the Honda PGM Tester or the HDS.

Are any Temporary DTCs or DTCs indicated?

YES - If DTC P0325 is indicated, check for poor connections or loose terminals at the knock sensor and the ECM/PCM, then go to [1](#). If any other Temporary DTCs or DTCs are indicated, go to the indicated DTC troubleshooting. ■

NO - [If the ECM/PCM was updated, troubleshooting is complete. If the ECM/PCM was substituted, replace the original ECM/PCM.](#) ■

