

PGM-FI System

DTC Troubleshooting (cont'd)

DTC P0339: CKP Sensor Circuit Intermittent Interruption

NOTE: Before you troubleshoot, record all freeze data and any on-board snapshot, and review the general troubleshooting information (see page 11-3).

1. Turn the ignition switch to ON (II).
2. Clear the DTC with the HDS.
3. Start the engine, and let it idle for 10 seconds.
4. Check the CKP NOISE in the DATA LIST with the HDS.

Are 0 counts indicated?

YES—Go to step 7.

NO—Go to step 5.

5. Test-drive the vehicle for several minutes in the range of these recorded freeze data parameters:

- ENGINE SPEED
- VSS

6. Check the CKP NOISE in the DATA LIST with the HDS.

Are 0 counts indicated?

YES—Go to step 7.

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

7. Check for poor connections or loose terminals at these locations:

- CKP sensor
- ECM/PCM
- Engine ground
- Body ground

Are the connections and terminals OK?

YES—Go to step 8.

NO—Repair the connections or the terminals, then go to step 11.

8. Remove the cam chain case (see page 6-13), and check for damage on the CKP pulse plate.

Is the pulse plate damaged?

YES—Replace the CKP pulse plate (see page 7-30), then go to step 11.

NO—Go to step 9.

9. Turn the ignition switch to LOCK (0).
10. Replace the CKP sensor (see page 11-217).
11. Turn the ignition switch to ON (II).
12. Reset the ECM/PCM with the HDS.
13. Do the ECM/PCM idle learn procedure (see page 11-306).
14. Do the CKP pattern clear/CKP pattern learn procedure (see page 11-5).
15. Start the engine, and let it idle for 10 seconds.
16. Check for Pending or Confirmed DTCs with the HDS.

Is DTC P0339 indicated?

YES—Check for poor connections or loose terminals at the CKP sensor and the ECM/PCM, then go to step 1.

NO—Troubleshooting is complete. If any other Pending or Confirmed DTCs are indicated, go to the indicated DTC's troubleshooting. ■