

DK1 CHECK FOR DTCS

Are DTCs P060D, P1575, P2122, P2123, P2127, P2128 or P2138 present?

Yes	GO to DK2 .
No	For a lack/loss of power symptom, GO to DK2 . For all others, RETURN to Section 3, Symptom Charts for further direction.

DK2 CHECK THE ACCELERATOR PEDAL FOR OBSTRUCTION

- Ignition ON, engine OFF.
- Slowly press the accelerator pedal to the fully applied position and then slowly to the fully released position.

Does the pedal easily move to the fully applied position and back?

Yes	GO to DK3 .
No	ISOLATE and REPAIR the obstruction. Clear the PCM DTCs. REPEAT the self-test.

DK3 CHECK FOR INTERMITTENT APP SIGNAL

- Ignition ON, engine OFF.
- Access the PCM and monitor the APP1 (VOLT) and APP2 (VOLT) PIDs.
- Set the scan tool PID voltage limit values using the following chart.

PID	Minimum Volts	Maximum Volts
APP1	0.61	4.6
APP2	0.27	2.4

- Carry out a thorough wiggle test on the wiring harness from the PCM connector to the APP sensor connector while monitoring the scan tool.

Do both PID values stay within the chart ranges while wiggling the harness?

Yes	For symptoms without DTCs, RETURN to Section 3, Symptom Charts for further direction. For all others, GO to DK4 .
No	REPAIR the harness or connections as necessary. Clear the PCM DTCs. REPEAT the self-test.

DK4 CHECK THE APPVREF VOLTAGE TO THE APP SENSOR

Note: Check the connector pins for intermittent concerns.

- Ignition OFF.
- APP Sensor connector disconnected.
- Ignition ON, engine OFF.
- Measure the voltage between:

(+) APP Sensor Connector, Harness Side	(-) APP Sensor Connector, Harness Side
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