

Positive Lead	Measurement / Action	Negative Lead
C102B-1		C102B-2

Start the engine.

Using a diagnostic scan tool, view PCM Parameter Identifications (PIDs).

Using the active command, set the PID GENVDSD to 14 volts.

Monitor the PCM Parameter Identifications (PIDs) GENMON and GENCMD.

Perform a wiggle test of the generator wiring and connections.

Do the Parameter Identifications (PIDs) read within 5% of each other?

Yes	REMOVE the fused jumper wire. INSTALL a new generator. REFER to: Generator - 3.7L Duratec (227kW/301PS) .
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No	REMOVE the fused jumper wire. GO to G11
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G11 CHECK FOR CORRECT PCM (POWERTRAIN CONTROL MODULE) OPERATION

Ignition OFF.

Disconnect and inspect all PCM connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the PCM connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW the TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new PCM. REFER to: Powertrain Control Module (PCM) . CLEAR all Diagnostic Trouble Codes (DTCs) in all modules.
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No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.
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