

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 - 5.0L 32V TI-VCT .
------------	--

No	REMOVE the fused jumper wire. GO to G11
-----------	---

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.
------------	---

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.
-----------	--

DIAGNOSIS AND TESTING > CHARGING SYSTEM - 5.0L 32V TI-VCT > PINPOINT TESTS (5.0L) > PINPOINT TEST H : LOAD SHED MESSAGE DISPLAYS IN MESSAGE CENTER

Refer to Charging System for schematic and connector information.

Normal Operation and Fault Conditions

When the engine is off and the key is in on or accessory mode, and the BCM determines the battery state of charge is below 50%, or 45 minutes have elapsed, a load shed message is sent over the CAN. This message turns off the audio/navigation system to save the remaining battery charge. Under this condition the a load shed message will be displayed to notify the driver that battery protection actions are active:

- System Off to Save Battery Turn Ignition Off displays on the FCDIM (without touchscreen controls)
- SYSTEM OFF TO SAVE BATTERY PLEASE TURN IGNITION OFF OR START ENGINE displays on