A12 CHECK PCM (POWERTRAIN CONTROL MODULE) GROUND FOR HIGH RESISTANCE

Connect the load to a suitable 12 volt power connection.

Connect the load to each circuit and measure:

Positive Lead	Measurement / Action	Negative Lead
C175B-5		Ground
C175B-100		Ground
C175B-102		Ground
C175B-103		Ground

Is the voltage drop less than 0.5 volt?

Yes	GO to A13

No	REPAIR the affected circuit(s).

A13 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 B : SYSTEM VOLTAGE LOW OR BATTERY IS DISCHARGED