

illuminate the charging system warning indicator. A GENCOM circuit fault can be confirmed by viewing the PCM PID generator command line fault (GENCMD_LF) (YES status indicator fault).

Diagnostic Trouble Code (DTC) Fault Trigger Conditions

DTC	Description	Fault Trigger Conditions
P0620	Generator Control Circuit	The PCM sets this DTC if the GENCOM circuit, "A" sense circuit, or B+ circuit is open or shorted to ground.
P065B	Generator Control Circuit Range/performance	The PCM sets this DTC when the generator reports an internal regulator failure.

Possible Sources

- Fuses or Fusible Links
- Generator
- PCM
- Wiring, terminals or connectors

Visual Inspection and Diagnostic Pre-checks

- Inspect the high current BJB for loose or corroded connections.

DIAGNOSIS AND TESTING > CHARGING SYSTEM - 5.0L 32V TI-VCT > PINPOINT TESTS (5.0L) > PINPOINT TEST F : DTC P0620, P065B > PINPOINT TEST F : DTC P0620, P065B



NOTE: Make sure battery voltage is greater than 12.2 volts prior to and during this pinpoint test.



NOTE: Do not have a battery charger attached during vehicle testing.

F1 CHECK THE BATTERY CONDITION

Check the battery condition and state of charge. REFER to: BATTERY, MOUNTING AND CABLES .

Does the battery pass the condition test?

Yes	GO to F2
No	CHARGE or INSTALL a new battery as necessary. REFER to: Battery .