

DTC	Description	Fault Trigger Conditions
P0562	System Voltage Low	If voltage drops 1.5 volts or more below the generator voltage desired (calculated by the PCM), this DTC sets after 30 seconds.
P1397	System Voltage Out of Self-Test Range	If the voltage rises above or drops below the calibrated set point, the PCM sets this DTC. This DTC may also be set if the vehicle has been recently jump started or has had a discharged battery.

Possible Sources

- Battery
- Fuses or fusible links
- Generator
- Generator clutch
- PCM
- High current BJB
- Wiring, terminals or connectors

Visual Inspection and Diagnostic Pre-checks

- Inspect for abnormal ignition-off current drain(s).
- Inspect the battery.
- Inspect the high current BJB for loose or corroded connections.
- Inspect the generator clutch.

DIAGNOSIS AND TESTING > CHARGING SYSTEM - 2.3L ECOBOOST (201KW 273PS) > PINPOINT TESTS (2.3L) > PINPOINT TEST B : SYSTEM VOLTAGE LOW OR BATTERY IS DISCHARGED > PINPOINT TEST B : SYSTEM VOLTAGE LOW OR BATTERY IS DISCHARGED



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.

B1 PERFORM INSPECTION AND VERIFICATION