

Possible Sources

- Generator current sensor
- Generator clutch
- PCM
- Wiring, terminals or connectors

Visual Inspection and Diagnostic Pre-checks

- Inspect the generator current sensor.
- Inspect the generator current sensor connector.

DIAGNOSIS AND TESTING > CHARGING SYSTEM - 2.3L ECOBOOST (201KW 273PS) > PINPOINT TESTS (2.3L) > PINPOINT TEST E : GENERATOR CURRENT SENSOR FAULTS > PINPOINT TEST E : GENERATOR CURRENT SENSOR FAULTS

 **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.

E1 RETRIEVE DIAGNOSTIC TROUBLE CODES (DTCS)

Ignition ON.

Using a diagnostic scan tool, perform the PCM self-test

Is DTC P0562 present?

Yes	GO to Pinpoint Test B
No	For DTC P0A5A, GO to E2 For DTC P0A5B, GO to E3 For DTC P0A5C, GO to E6

E2 CHECK THE GENERATOR CURRENT SENSOR

Ignition OFF.

Inspect the generator current sensor for the following:

physical damage

corrosion

disconnected electrical connector