

## 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 - 2.3L ECOBOOST (201KW 273PS) > PINPOINT TESTS (2.3L) > 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?

|            |                                                                   |
|------------|-------------------------------------------------------------------|
| <b>Yes</b> | GO to F2                                                          |
| <b>No</b>  | CHARGE or INSTALL a new battery as necessary. REFER to: Battery . |

### F2 CHECK THE GENERATOR CONNECTIONS