

DTC	Description	Fault Trigger Conditions
B130C:12	Load Shed Control Circuit Short To Battery	This DTC sets in the BCM when the BCM senses a short in the battery current sensor control circuit.
B130C:14	Load Shed Control Circuit Short To Ground or Open	This DTC sets in the BCM when the BCM senses an open or ground in the battery current sensor control circuit.
B1438:03	Battery Current Sensor, FM (Frequency Modulated) / PWM (Pulse Width Modulated) Failure	This DTC sets in the BCM when the BCM does not indicate current from the battery current sensor.

Possible Sources

- Battery current sensor
- Generator clutch (if equipped)
- Wiring, terminals or connectors

Visual Inspection and Diagnostic Pre-checks

- Inspect the battery current sensor
- Inspect the battery current sensor connector

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

I1 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
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