

CHEVROLET P1EBD: BATTERY CHARGING SYSTEM CONTACTORS STUCK OPEN

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$250-\$1000
Can I Still Drive?	:	Yes (Short-term only)

What Does The Chevrolet P1EBD Code Mean?

This DTC indicates that the charger commanded output current is greater than 1 A and the charger output current is less than 1 A.

Conditions for setting the DTC:

- Runs once at the beginning of each charge cycle.
- The 12 V battery voltage is greater than 9 V.
- The vehicle is in charge mode.
- Charge mode is not in heat only mode.
- The heater transistor is commanded on for 2 seconds.
- None of the following DTCs are set; [P0AC1](#), [P0AC2](#), [P0B10](#), [P0B11](#), [P0B13](#), P0D53, P0D54, [P1EBA](#), or [P1EBB](#).

Reference Sources

- [Chevrolet Volt Hybrid DTC](#) - OBDG01 HYBRID Diagnostics Document, page 415.
- GM, 2016, [Service Bulletin](#) - Vehicle Will Not Charge With High Voltage Charger, Vehicle Will Not Charge 12V Battery, Battery Lamp On DTC P1F5A P1F59 P0D26 P0D09 P1EBD.
- GM, 2017, [Service Bulletin](#) - PIC6200A Vehicle Will Not Charge With High Voltage Charger, Vehicle Will Not Charge 12V Battery, Battery Lamp On DTC P1F5A P1F59 P0D26 P0D09 P1EBD.