

CHEVROLET P1AEF: DRIVE MOTOR 2 CONTROL MODULE HYBRID/EV BATTERY SYSTEM VOLTAGE HIGH

OVERVIEW

Severity	:	High
DIY Difficulty Level	:	Advanced
Repair Cost	:	\$500-\$3500
Can I Still Drive?	:	No

What Does The Chevrolet P1AEF Code Mean?

The hybrid/EV battery system contactor relays are closed. Ignition voltage is 8 V and no more than 18 V.

Greater than 425 V on the high voltage circuit is detected by the motor control module.

What Are The Potential Causes Of The Chevrolet P1AEF Code?

Reference Sources

- [Chevrolet Volt Hybrid DTC](#) - OBDG01 HYBRID Diagnostics Document, page 747.
- GM, 2018, [Service Bulletin](#) - PIC6244C Diagnostic Aid For Vehicles All DTCs P1AEE P1AEF P1AF0 P1AF2 P1E22.
- GM, 2019, [Service Bulletin](#) - PIC6244D Diagnostic Aid For Vehicles All DTCs P1AEE P1AEF P1AF0 P1AF2 P1E22.
- GM, 2019, [Service Bulletin](#) - PIC6285C Diagnostic Aid for DTCs P1AEE and P1AEF, Control

Module Hybrid/EV Battery System Voltage High Voltage (Over-Voltage).

- GM, 2017, [Service Bulletin](#) - PIC6244A Diagnostic Aid For Vehicles With Shift To Park Message And All DTCs P1AEE P1AEF P1AF0 P1AF2 P1E22.
- GM, 2017, [Service Bulletin](#) - PIC6266 Diagnostic Aid - Service Heater Message with DTC B048E Symptom 00.
- GM, 2016, [Service Bulletin](#) - Dead Battery, Shift into Park Message, Loss of Propulsion, No Start, Multiple DTCs.
- GM, 2016, [Service Bulletin](#) - Loss of Propulsion, No Start, Multiple DTCs.