

CHEVROLET P1AEC: DRIVE MOTOR 1 CONTROL MODULE HYBRID/EV BATTERY SYSTEM VOLTAGE

OVERVIEW

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

What Does The Chevrolet P1AEC Code Mean?

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

- A difference of more than 40 V on the high voltage circuit is detected between the hybrid powertrain control module and the hybrid powertrain control module 2.
- A difference of more than 50 V on the high voltage circuit is detected between the motor control module and the hybrid powertrain control module 2.

What Are The Potential Causes Of The Chevrolet P1AEC Code?

- A difference of more than 40 V on the high voltage circuit is detected between the hybrid powertrain control module and the hybrid powertrain control module 2.
- A difference of more than 50 V on the high voltage circuit is detected between the motor control module and the hybrid powertrain control module 2.

Reference Sources

[Chevrolet Volt Hybrid DTC](#) - OBDG01 HYBRID Diagnostics Document, page 678.