

## GMC P1ABE: BATTERY ENERGY CONTROL MODULE HYBRID BATTERY PACK OVERTEMPERATURE

### OVERVIEW

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

### What Does The GMC P1ABE Code Mean?

The ignition is ON. The 12 V battery voltage is 9-18 V.

One of the following conditions exists:

- The drive motor generator battery control module detects an average battery temperature increase of 2°C (35.6°F) in a 20 second event for 3 consecutive events totaling 60 seconds.
- The drive motor generator battery control module detects 2 battery temperature sensors greater than 65°C (149°F) for 5 seconds.
- The drive motor generator battery control module detects any battery temperature sensor greater than 70°C (158°F).

### Reference Sources

[13 OBDG06 Hybrid Diagnostics for P1ABE](#) - General Motors, page 390.