



Service Bulletin

Bulletin No.: 19-NA-102

Date: May, 2019

TECHNICAL

Subject: Loss of Propulsion - DTC P1AEE Set

Brand:	Model:	Model Year:		VIN:		Engine:	Electric Drive Unit:
		from	to	from	to		
Chevrolet	Bolt EV	2017	2018				1ET25 (MMF)
Opel / Vauxhall	Ampera-e						

Involved Region or Country	North America, Korea, Europe, Middle East
Condition	Some customers may comment that the vehicle lost propulsion. ⇒ The vehicle may drive normally again after the vehicle has been turned off for a period of time. Some technicians may find DTC P1AEE (Drive Motor 1 Control Module Hybrid/EV Battery System Voltage High Voltage) stored in History in the Hybrid/EV Powertrain Control Module (HPCM).
Cause	This condition may be caused by the HPCM 2, which may have experienced a software running reset. ⇒ This causes the battery contactor to open while driving, causing an over-voltage condition detected in the HPCM, which sets the P1AEE. ⇒ The HPCM 2 does not self-diagnose this condition.
Correction	Upon verifying the code has set, replace the K114B - Hybrid/EV Powertrain Control Module 2.

Service Procedure

Refer to *Hybrid Powertrain Control Module 2 Replacement* in SI.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
5410140	Hybrid Powertrain Control Module 2 Replacement	Use Published Labor Operation Time

Version	1
Modified	Released May 08, 2019

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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