



Service Bulletin

Bulletin No.: 21-NA-288

Date: December, 2021

TECHNICAL

Subject: Malfunction Indicator Lamp (MIL) Illuminated with DTC P0AA1 – Hybrid/EV Battery Positive Contactor Circuit Stuck Closed

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Bolt EV	2017	2019	—	—	—	—
Opel	Ampera-e	2017	2019	—	—	—	—

Involved Region or Country	North America, Europe, Middle East, GM Korea Company
Condition	Some customers may comment on a Malfunction Indicator Light (MIL) illuminated in the DIC. Technicians may find the MIL illuminated with DTC P0AA1 (and/or P0AA4). P0AA1 may be failed current, causing the MIL to illuminate. If the MIL is not currently illuminated, use GDS2 to determine if the P0AA1 DTC History Status shows "History", which indicates the MIL was recently illuminated for this DTC.
Cause	The cause of the condition may be that the contactor(s) may have welded closed due to a previous software anomaly accompanied by certain operating conditions.
Correction	Replace the High Voltage Battery Disconnect Relay (which includes the contactors). Refer to Hybrid/Electric Vehicle Battery Disconnect Relay Replacement in SI. Ensure any incomplete field actions are performed, which will install the software solution for this condition.

Warranty Information

For vehicles repaired under warranty, use:

Labor Operation	Description	Labor Time
5031760*	Hybrid/Electric Vehicle Battery Disconnect Relay Replacement	Use Published Labor Operation Time

Version	1
Modified	Released December 15, 2021

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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