



Service Bulletin

Bulletin No.: 23-NA-151

Date: September, 2023

INFORMATION

Subject: High Voltage Battery Core Return Shipment Criteria

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
BrightDrop	Zevo 600	2023	2023	-	-	All	All
Cadillac	LYRIQ	2023	2024				
Chevrolet	Blazer EV	2024	2024				
	Silverado EV						
GMC	HUMMER EV	2022	2023				
	HUMMER EV SUV	2024	2024				

Involved Region or Country	North America
Information	<p>This bulletin and criteria within are to determine the internal state of the High Voltage Battery and core return shipping method.</p> <p>In the event a High Voltage Battery needs replaced, perform the service instructions below if any of the following DTCs listed are set as current before starting a TAC case for High Voltage Battery order authorization.</p> <p>DTCs; P0AA6, U359E, U2220, U2221, U2222, U2223, U2224, U2225, U2226, U2227, U2228, U2229, U222A, U222B, U222C, U222D, U222E, U222F, U2230, U2231, U2232, U2233, U2234, U2235, U2236, U2237, U1666, U1667, U2426, U2427, U2BFC.</p>

Service Procedure

Danger: Failure to use the proper Personal Protective Equipment and failure to carefully follow these procedures may result in serious injury or death.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Important: This technical service bulletin (TSB) can only be completed by certified repair facilities who have met all specific training, tool and equipment requirements pertaining to the vehicle Brand and Model serviced. Repairs must be performed by a technician who has successfully completed the required training.

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1. Verify any of the following DTCs are set as current; P0AA6, U359E, U2220, U2221, U2222, U2223, U2224, U2225, U2226, U2227, U2228, U2229, U222A, U222B, U222C, U222D, U222E, U222F, U2230, U2231, U2232, U2233, U2234, U2235, U2236, U2237, U1666, U1667, U2426, U2427, U2BFC.
2. Visually inspect and document the coolant level in the high-voltage battery surge tank and document via photo.
3. Observe and record the Battery Energy Control Module parameter(s); K16 – Battery Energy Control Module -> Data Display -> High Voltage Isolation Data -> Most Recent Isolation Resistance – Pack & (Pack 2 if equipped). If value is below 6.3 MOhm (6,300 kOhm), run the isolation test (select Hybrid/Electric Vehicle Battery Pack Active Isolation Test in GDS).

4. Observe and record the Battery Energy Control Module parameter(s); K16 – Battery Energy Control Module -> Data Display -> Hybrid/Electric Vehicle Battery Pack Temperature Data -> Hybrid/Electric Vehicle Battery Pack Thermal Event Gas Sensor and Hybrid/Electric Vehicle Battery Pack Thermal Event Gas Sensor 2 in PPM (Parts Per Million).
5. Observe and record the Battery Energy Control Module parameter(s); K16 – Battery Energy Control Module -> Data Display -> Hybrid/Electric Vehicle Battery Module Temperature Data -> Hybrid/Electric Vehicle Battery Interface Control Module 1 thru Module 24 (if equipped).
6. Start a TAC case and upload session log per Document ID: 6385557 / PIP4902 and reference this bulletin. In addition, provide any previous diagnosis performed based on the DTC(s) set or inability to collect the data.

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