Bulletin No.: PIT6044M
Published date: 01/15/2025

Preliminary Information

PIT6044M Service High Voltage with MIL and/or DTCs

Models

Brand:	Model:	Model Years:	VIN: from to		Engine:	Transmissions:
BrightDrop	600	2023 - 2025	ALL	All All		All
Cadillac	EV LYRIQ	2023 - 2025	All	All All		All
Cadillac	Escalade IQ	2025	All	All All		All
Cadillac	Optiq	2025	All	All All		Al
Chevrolet	Blazer EV	2024 - 2025	All	All All		All
Chevrolet	Silverado EV	2024 - 2025	All	All All		All
Chevrolet	Equinox EV	2024 - 2025	All	All All		All
GMC	HUMMER EV	2022 - 2025	All	All All		All
GMC	HUMMER EV SUV	2024 - 2025	All	All All		All
GMC	Sierra EV	2024 - 2025	All	All All		All

Involved Region or Country	**North America**
Condition	**Some customers may comment the MIL is illuminated or Service High Voltage Message displayed on the IPC.** **A technician may find any of the following DTCs; U2220, U2221, U2222, U2223, U2224, U2225, U2226, U2227, U2228, U2229, U222A, U222B, U222C, U222D, U222E, U222F, U2230, U2231, U2232, U2233, U2234, U2235, U2236, U2237, and/or U2C11 set as current or history.**
Cause	**A potential software anomaly may be present.**

Correction:

1. **Verify the vehicle has one or more of the following DTCs set; U2220, U2221, U2222, U2223, U2224, U2225, U2226, U2227, U2228, U2229, U222A, U222B, U222C, U222D, U222E, U222F, U2230, U2231, U2232, U2233, U2234, U2235, U2236, U2237, and/or U2C11 set as current or history.**
2. **Program the K16 Battery Energy Control Module (BECM) with the most recent software via SPS.**
3. **After programming the BECM, perform Manual Reset process twice.**

Manual Reset Process:

Needs to Be completed Even if there are no updates

A. **Perform the Battery Negative Cable Disconnection and Connection procedure outlined in Service Information.**

> **Warning: Always ensure the Battery Maintenance Mode is inactive before disconnecting the 12-volt battery. This mode can be active with the ignition off, regardless of whether the vehicle charging cord is plugged in or not. When this mode is active, the on-board high voltage battery charger will energize the 12-volt battery cables and charge the 12-volt battery. Disconnecting the battery cables while this mode is active may result in an electrical shock or a burn from hot battery cable leads.**

B. **Wait 15 mins, then reconnect the 12v following the Battery Negative Cable Disconnection and Connection procedure outlined in Service Information.**
C. **Place the vehicle in Propulsion "Ready" mode for 10 seconds, (has power-steering) then turn the vehicle "OFF" and remove the keyless transmitter from the vehicle and place the transmitter in a safe location approximately 10 ft away. Wait 15 mins.**
D. **Repeat Manual Reset Process steps A-C a total of 2 times.**

4. Place the vehicle in Service mode (No power-steering) then use GDS2 and clear all DTCs.

5. If any of the following DTCs: U2220, U2221, U2222, U2223, U2224, U2225, U2226, U2227, U2228, U2229, U222A, U222B, U222C, U222D, U222E, U222F U2230, U2231, U2232, U2233, U2234, U2235, U2236, U2C11 and/or U2237 return, start a TAC case, and reference this P.I.

Warranty Information

For vehicles repaired under the Bumper-to-Bumper coverage (Canada Base Warranty coverage), use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
5080388	Hybrid/Electric Vehicle Battery Pack Communication Module manual reset	1.5 Hr.
Add Time (as Required)	K16 Battery Energy Control Module Program	0.4 Hr.
*This is a unique Labor Operation for Bulletin use only		

Version History

Version	13
Modified	08/03/2023 - Created on. 08/09/2023 - Updated to include U2C11. 09/01/2023 - Updated to add more information for the LYRIQ. 09/05/2023 - Update more programming numbers for 2024 LYRIQ. 10/26/2023 - Update information for BrightDrop and HUMMER EV. 10/30/2023 - Updated correction. 12/01/2023 - Updated correction. 02/27/2023 - Updated correction. 04/24/2024 - Updated Models and years 07/29/2024 - Added Blazer EV and Silverado EV 08/19/2024 - updated model year 09/19/2024 - Added GMC Sierra EV 01/15/2024 - Added Escalade IQ and OPTIQ