



Preliminary Information

PIP5954 Service High Voltage with MIL & Voltage Sensor Circuit DTCs

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
BrightDrop	ZEVO600	2023	All	All	All	All
GMC	HUMMER EV Pickup	2022 - 2023	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; U3620, U3621, U3622, U3623, U3624, U3625, U3626, U3627, U3628, U3629, U3630, U3631, U3632, U3633, U3634, U3635, U3636, U3637, U3638, U3639, U362A, U362B, U362C, U362D, U362E U362F, U363A, U363B, U363C, U363D, U363E, U363F, U2B98, U2B99, U2B9A, U2B9B, U2B9C, U2B9D, U2B9E, U2B9F 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; U3620, U3621, U3622, U3623, U3624, U3625, U3626, U3627, U3628, U3629, U3630, U3631, U3632, U3633, U3634, U3635, U3636, U3637, U3638, U3639, U362A, U362B, U362C, U362D, U362E U362F, U363A, U363B, U363C, U363D, U363E, U363F, U2B98, U2B99, U2B9A, U2B9B, U2B9C, U2B9D, U2B9E, U2B9F set as current or history.
2. Perform the Clear Secured High Voltage DTCs procedure; K16 – Reset Functions - Hybrid/Electric Vehicle Battery Interface Control Module Voltage Sensor Circuits High-Low Reset
3. Update the K16 Battery Energy Control Module via SPS.

Note: Depending on Make/Model SPS will instruct you to perform a sequential program of the K16-K107

4. Charge vehicle to 100% with a L2 AC charger.
 5. Let the vehicle sit on the charger at 100% for appx. 24hrs.
 6. Place the vehicle in Service mode and verify no DTCs have returned.
- If any of the following DTCs: U3620, U3621, U3622, U3623, U3624, U3625, U3626, U3627, U3628, U3629, U3630, U3631, U3632, U3633, U3634, U3635, U3636, U3637, U3638, U3639, U362A, U362B, U362C, U362D, U362E U362F, U363A, U363B, U363C, U363D, U363E, U363F, U2B98, U2B99, U2B9A, U2B9B, U2B9C, U2B9D, U2B9E, U2B9F 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
*5080408	Secured HV DTC Clear & Cell Balancing	1.5 Hr.

Labor Operation	Description	Labor Time
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	1
Modified	12/13/2023 - Created on.



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