



Preliminary Information

PIT5905 Front and Rear Drive unit Restriction

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
BrightDrop	EV600	2022	All	All	All	All
GMC	HUMMER EV	2022	All	All	All	All

Involved Region or Country	North America
Additional Options (RPO)	S8L P79
Condition	This PI will explain the Front drive unit (S8L) and Rear Drive unit (P79) restriction for the 2022 MY GMC HUMMER EV and Brightdrop EV600. This program will start on April 1st, 2022 to gather important feedback on this new Drive units. This bulletin will be revised to announce the end of the restriction program at a later date.
Cause	Product teams continually seek valuable information for engineering improvements. To assist in this effort the restriction program will be used for this product. It is imperative that freeze frame failure records be captured along with DTC's and not cleared.

Correction:

The HUMMER EV and EV600 Front drive unit (S8L) along with the HUMMER EV Rear Drive unit (P79) restriction will be administered by the GM Technical Assistance Center (TAC). The servicing technician must provide detailed customer comments, conditions, diagnostic trouble codes (DTCs) and other useful information. To request restricted components, dealerships are required to call Technical Assistance (TAC). Prior to calling TAC, please read through this entire document. If diagnosis leads to replacement of one or more of the restricted components listed below please have all SI document numbers used during diagnosis available prior to contacting TAC.

TAC Telephone Number US 1-877-446-8227 (Action Center prompt or Hybrid prompt) Canada 1-800-263-7740 for English or 1-800-263-7960 for French

Danger: Always perform the High Voltage Disabling procedure prior to servicing any High Voltage component or connection. Personal Protection Equipment (PPE) and proper procedures must be followed.

The High Voltage Disabling procedure will perform the following tasks:

- Identify how to disable high voltage.
- Identify how to test for the presence of high voltage.

- Identify condition under which high voltage is always present and personal protection equipment (PPE) and proper procedures must be followed.

Before working on any high voltage system, be sure to wear the following Personal Protection Equipment:

- Safety glasses with appropriate side shields when within 50 feet of the vehicle, either indoors or outdoors.

- Certified and up-to-date Class "0" Insulation gloves rated at 1000V with leather protectors.

- Visually and functionally inspect the gloves before use.

- Wear the Insulation gloves at all times when working with the Drive Motor Battery assembly, whether the system is energized or not. Failure to follow the procedures exactly as written may result in serious injury or death.

1. Perform the high voltage disable procedure at the drive motor generator control module assembly or cable connections. Refer to High Voltage Disabling in SI.

2. Perform the high voltage enable procedure when the front or rear drive unit are installed and ready to be test driven.

Parts Information

Model	Description	Part Number	Quantity
HUMMER EV and EV600	Front drive unit (S8L)	24041528	1
HUMMER EV	Rear drive unit (P79)	24041532	1

Warranty Information

For vehicles repaired under the EV coverage, use the following labor operation. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
8620020	Front Electric Drive Transmission Module Replacement	Use Published Labor Operation Time
8620030	Rear Electric Drive Transmission Module Replacement	Use Published Labor Operation Time
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	1
Modified	04/06/2022 - Created on.



GENERAL MOTORS