



Preliminary Information

PIT5925A HUMMER EV Check Engine Lamp & Service High Voltage System Message with DTC: P0494

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
GMC	HUMMER EV	2022 - 2023	All	All	All	All

Involved Region or Country	North America and all export regions.
Condition	Some customer may experience a Service High Voltage System Message that will appear on the DIC along with a check engine light. When performing diagnosis the tech may notice DTC: P0494 as a current or history code.
Cause	During periods of water fording, water can slow or stop the spinning of the cooling fan blades, which creates a Cooling Fan Speed Too Low condition setting DTC P0494 fault active, and will set the " Service high Voltage System" DIC Message.

Correction:

Clear the DTC. Command the fan on with GDS2 scan tool to verify the fan operation. If fan operates normally, do not replace any parts to correct this concern.

NOTE: This condition does not require replacement of the cooling fan motor. The condition will go away after a key cycle or sometimes during the same key cycle if the system commands another cooling fan "ON" command.

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
5080338	Clear the DTC P0494, Check Fan Operation with GDS2	0.2 Hr.

Version History

Version	2
Modified	07/01/2022 - Created on. 03/23/2023 - Updated to add 2023 Model Year.



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