



Preliminary Information

PIT6003 Diagnostic Tip: Removal And installation Of Outside Rearview Mirror Glass When Installing GM Accessory Outside Rearview Mirror Projection Lights

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
GMC	HUMMER EV	2022 - 2023	All	All	All	All
GMC	HUMMER EV SUV	2024	All	All	All	All

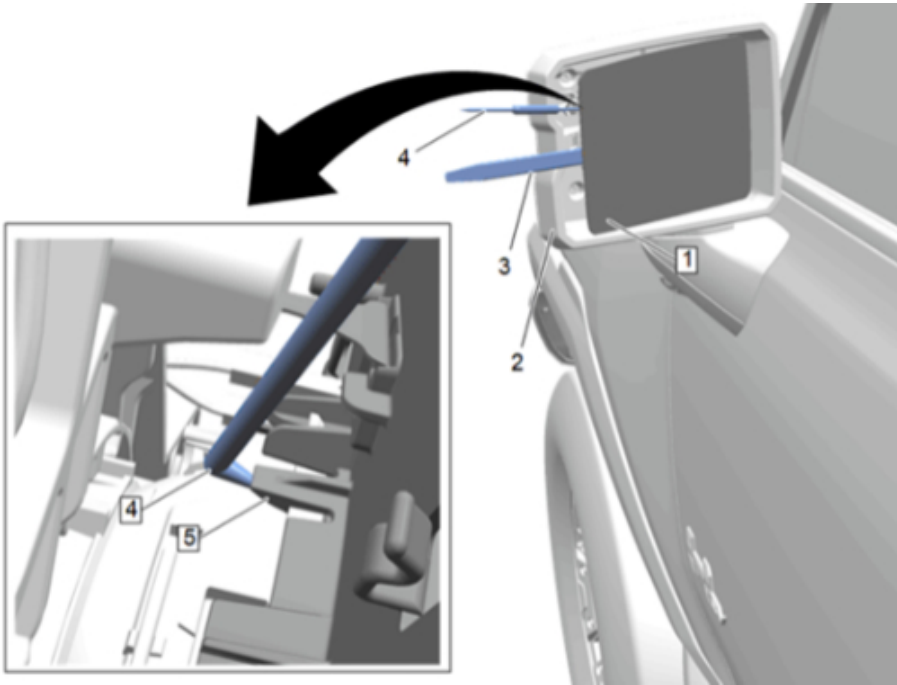
Involved Region or Country	North America
Condition	Many 2022-2023 HUMMER EVs offer the GM Accessory Outside Rearview Mirror Projection Lights, which is an accessory illumination package that features an outside mirror with a HUMMER EV projection logo puddle lamp. When the vehicle is unlocked, the HUMMER EV logo illuminates on the ground and provides illumination to help to enter or exit the vehicle. (See photo below)
Cause	The installation of the Outside Rearview Mirror Projection Lights on the HUMMER EV requires the removal of the outside rearview mirror glass. Failure to remove the mirror glass correctly can result in a cracked mirror. In addition, if the mirror glass is not reinstalled properly, it may fall off or not tilt correctly in any of the four directions. Incorrect reinstallation also may cause the Side Blind Zone warning indicator to not work correctly.



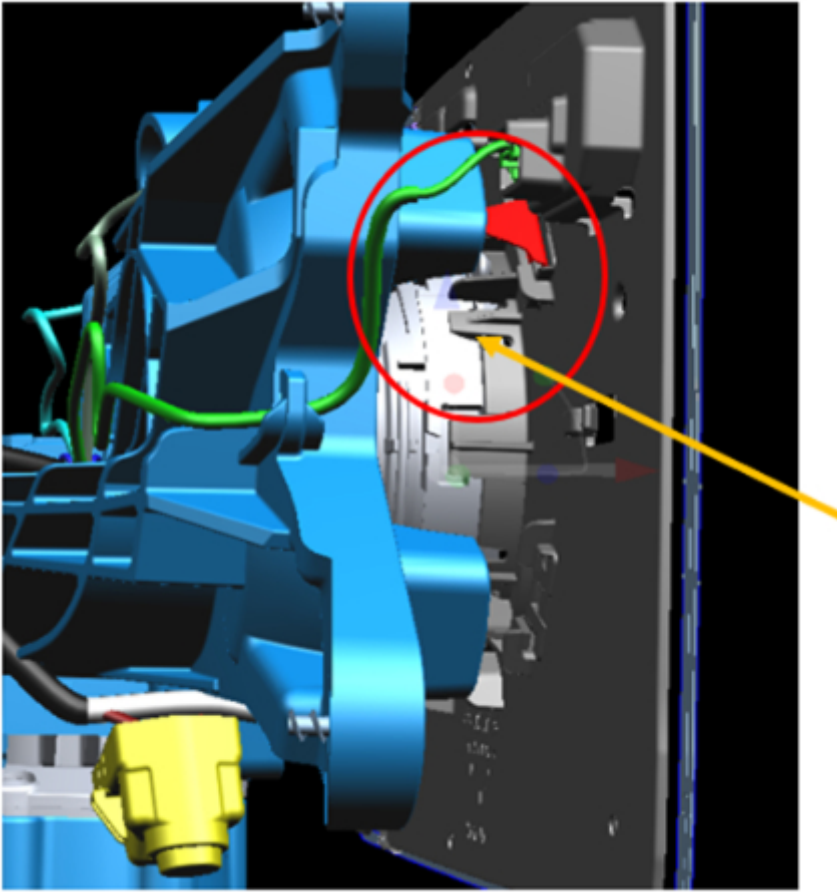
Correction:

Proper Removal and Installation

When removing the mirror glass, use a flat-bladed trim stick to carefully move the glass away from the housing. Next, with a curved pick tool, reach behind the glass and release the locking tab as shown.



Once the tab is depressed, the glass will release from the actuator.



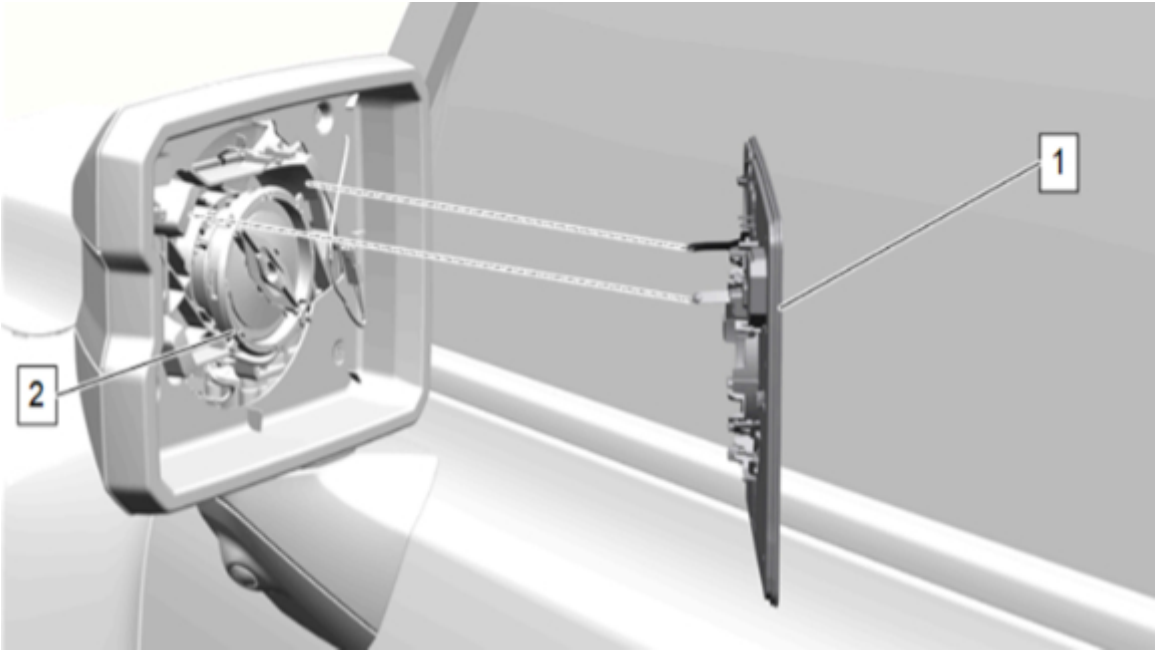
TIP: Before installation of the new mirror lamp, check the part label for correct orientation (LH or RH) of the parts.

During reinstallation of the mirror glass, be sure the wiring harness connectors are properly reconnected.

Additional care must be taken to ensure the anti-rattle tabs are properly aligned with the mirror housing before seating the mirror glass to the actuator. If the anti-rattle tabs are bent, it may: cause the mirror to not tilt properly; lead to a vibration while the vehicle is moving making the image appear distorted; result in the mirror falling off the housing when the door is closed.



During installation, carefully line up the anti-rattle tabs on the mirror glass to the housing before fully seating the glass to the actuator. Tilt the mirror in all four directions to confirm proper operation. Rotating the glass will help identify any tabs that are not aligned, which will restrict glass movement.



Line up the anti-rattle tabs on the mirror glass to the housing as shown above.

Finally, take extra care when reconnecting the small 2-way connectors that plug into the mirror glass. Be sure to fully seat the connectors.

For more information, refer to Outside Rearview Mirror Attachment Package Installation in the HUMMER EV Accessory Installation Manual available in appropriate Service Information.

Version History

Version	1
Modified	04/19/2023 - Created on.

