



Service Bulletin

Bulletin No.: 25-NA-062
Date: March, 2025

TECHNICAL

Subject: Windshield Wipers Inoperative and/or Motor Nut Loose / Missing

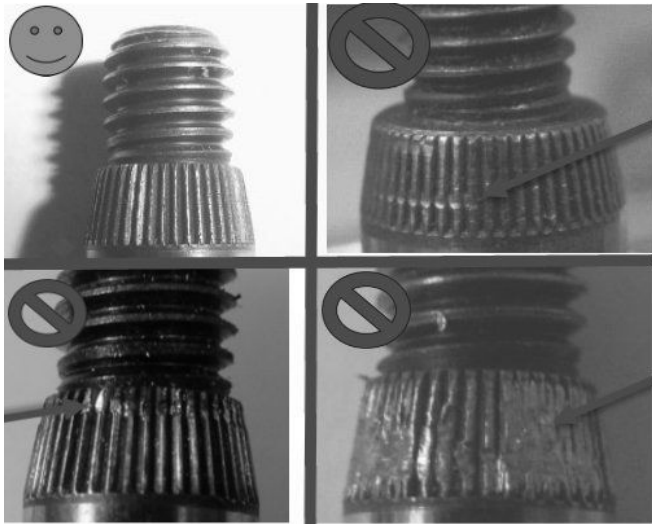
Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Chevrolet	Colorado	2023	2025	SOP	1GTP2FEK3S1147173	All	All
GMC	Canyon	2023	2025				

Involved Region or Country	North America
Condition	Customers may comment that the windshield wipers are inoperative but can hear the wiper motor running. Some Technicians may find the windshield wiper motor crank arm nut loose or missing.
Cause	The cause may be the Windshield Washer motor assembly nut has come loose from the Windshield Washer transmission assembly lever due to a supplier quality issue.
Correction	Refer to the procedure below to correct this concern.

Important: Service agents must comply with all International, Federal, State, Provincial, and/or Local laws applicable to the activities it performs under this bulletin, including but not limited to handling, deploying, preparing, classifying, packaging, marking, labeling, and shipping dangerous goods. In the event of a conflict between the procedures set forth in this bulletin and the laws that apply to your dealership, you must follow those applicable laws.

Service Procedure

1. Remove the windshield wiper motor assembly from the vehicle. Refer to *Windshield Wiper Motor Replacement* in SI.
- Note:** Before removing the wiper system from the vehicle, make sure that the wiper system was parked.
2. Clean motor shaft splines with wire brush to remove residue.



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Important: Do NOT use any chemical or cleaning agent, or any other tool than a manual wire brush. After cleaning the motor shaft, check the physical characteristics of the shaft splines (teeth) and thread. Both should be clean and free from any damage or deformations. If deformations are present, motor is to be discarded and a new one is to be used. If the nut is no longer present or damaged beyond reuse, the nut only should be replaced.

3. Align the crank arm and the transmission rod.



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4. Take the adjustable wrench and place it on the crank arm.
5. Take the calibrated torque wrench (26.5 Nm) and place it on the nut. Once the adjustable wrench and calibrated torque wrench are placed, firmly hold the part, push/rotate the torque wrench done until one click is heard (26.5 Nm). Make sure you hear a click and that the crank arm nut is fully seated.



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6. Add witness mark (place a line from the nut on the crank arm, as shown). After this assembly procedure the motor crank arm and the links should be aligned.
7. Install the reworked wiper module assembly back onto the vehicle. Refer to *Windshield Wiper Motor Replacement* in Si.
8. Make sure wiper is operating properly and blades are in the correct parking position.

Parts Information

Causal Part	Description	Part Number	Qty
N/A	Windshield Wiper Motor Asm	85719302	(Only if needed due to damage or deformations of motor shaft splines or thread.)
	Windshield Wiper Motor Asm Nut	42829382	(Only if needed due nut being lost or unable to be used.)

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
*2080007	Colorado/Canyon - Windshield Wiper Motor Nut Re-Torque	0.7 hr
*This is a unique Labor Operation for Bulletin use only.		

Version	1
Modified	Released March 21, 2025

