



# Service Bulletin

Bulletin No.: PIC6485E

Date: November, 2025

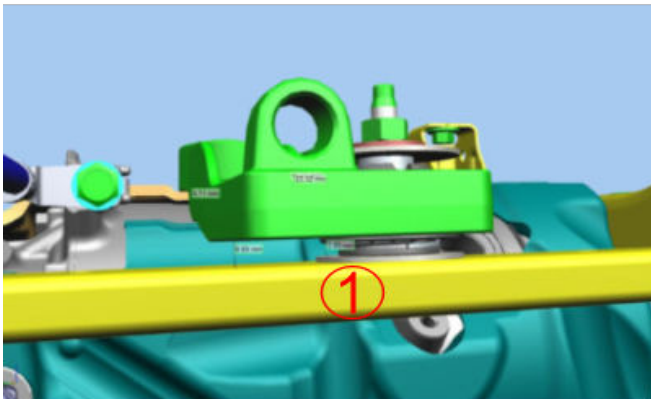
## PRELIMINARY INFORMATION

**Subject:** Diagnostic Tip - Noise or Vibration with A/C Compressor on

Brand:	Model:	Model Year:		VIN:		Engine:	Transmission:
		from	to	from	to		
Cadillac	LYRIQ	2023 - 2026		All	All	All	All
Cadillac	OPTIQ	2026		All	All	All	All

<b>Involved Region or Country</b>	North America
<b>Additional Options (RPO)</b>	RWL - CHASSIS DRIVE LINE-REAR WHEEL DRIVE (RWD)
<b>Condition</b>	A noise or vibration may be noticed while the A/C Compressor is running.
<b>Cause</b>	Compressor upper mount twisted during attachment of the upper mount to the compressor.

### Correction



View from top side front of A/C compressor.

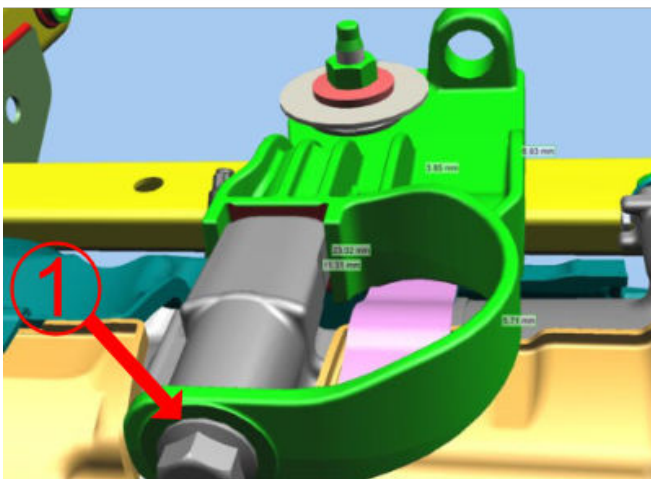
1. Front PEC Rail

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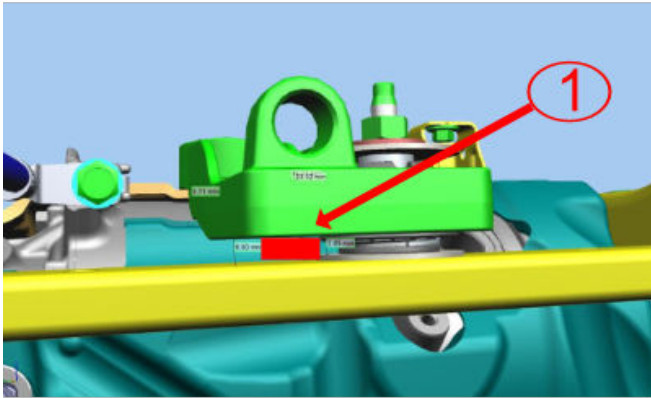
This is a View from the front of the A/C Compressor/Vehicle. If the gap between the upper Compressor mount to the front PEC rail is not even across the width of the part, then the bracket has twisted when it was installed and can cause NVH issues. If it has twisted, then the gap will be less on the passenger side of the part versus the driver's side.



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View from top side rear of A/C Compressor.

1. Loosen the through bolt that secures the compressor to the upper mount bracket enough that the bracket can rotate back to a horizontal position.

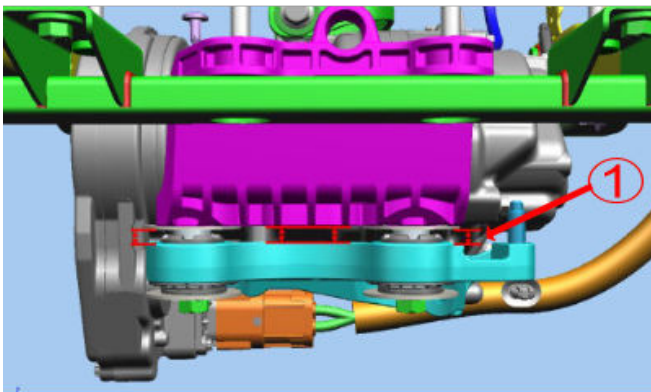


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View from top side front of the A/C Compressor.

Once the bracket is parallel to the ground and the PEC rail again, slide a shim (6.5 mm thick) or a screw driver between the PEC rail and the bottom of the bracket to ensure the bracket does not twist again during re-torquing of the bolt.

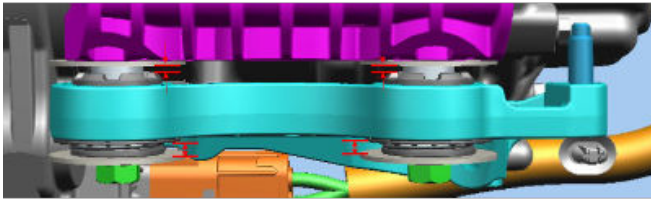
Torque through bolt to 30 nm + 45 to 60 degrees.



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View from bottom side rear of A/C compressor.

After the fastener from the compressor to top mount bracket has been re-torqued, inspect the condition of the 2 lower mounts. The upper bracket (purple) and the lower bracket (cyan) of the lower mount system should be parallel to each other.



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View from bottom side rear of A/C compressor.

With the compressor in static load position, there should be no contact between the rubber isolator (snubbers) and adjacent metal washers.

### 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
5080358*	Inspect and Align High Voltage A/C Compressor Mounts	1.5 Hrs.
*This is a unique Labor Operation for Bulletin use only.		

<b>Version</b>	6
<b>Modified</b>	01/06/2023 - Created on. 06/14/2024 - Added 2024 Model Year. 09/13/2024 - Added RPO RWL. 01/29/2025 - Added 2025 Model Year. 10/16/2025 - Added 2026 Model Year. 11/04/2025 - Added 2026 OPTIQ.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



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