



Preliminary Information

PIC6537A Diagnostic Tip - Knocking Noise / Vibration with A/C Compressor Running.

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	LYRIQ	2023 - 2024	All	All	All	All

Involved Region or Country	North America
Condition	A Customer may comment of a Helicopter or Knocking type noise or vibration when the A/C Compressor is running.
Cause	Under Investigation

Correction:

Verify the correct charge and that there is no debris in the oil.

Verify the upper mounts are not twisted per [PIC6485](#).

Check the High Voltage Cable harness to the compressor for being too tight causing a side load on the compressor.

If harness is found to be tight, loosen the fir tree zip ties and adjust the harness as needed to allow slack in harness to compressor.

This noise usually presents itself between 1250 - 1650 Compressor RPM.

If no issues found with the mounts, harness, and no debris in the oil, Engineering is working on a resolution.

This PI will be converted to a Bulletin when a resolution is available.

Version History

Version	2
Modified	01/12/2024 - Created on. 01/17/2024 - Modified Correction to inspect the HV harness to compressor.

