



**Bulletin No.:** PIC6537B

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## Preliminary Information

### PIC6537B Diagnostic Tip - Knocking Noise / Vibration with A/C Compressor Running

#### Models

**Brand:** Cadillac LYRIQ    **Model:** LYRIQ    **Model Years:** 2023 - 2025    **VIN:** All    **Engine:** All    **Transmissions:** All

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

<b>Version</b>	2
<b>Modified</b>	01/12/2024 - Created on. 01/17/2024 - Modified Correction to inspect the HV harness to compressor. 01/27/2025 - Added 2025 model year.