



Bulletin No.: PIT6112A
Published date: N/A

Preliminary Information

PIT6112A P0534 Service High Voltage Diagnostic Tips

Models

Brand	Model	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Cadillac	LYRIQ	2023 - 2024	All	All	All	All
Chevrolet	Blazer EV	2024	All	All	All	All
Chevrolet	Equinox EV	2024	All	All	All	All

Involved Region or Country	North America
Condition	Service high voltage system message on the DIC along with a P0534
Cause	Refrigerant system not operating as well as intended

Correction:

1. Are BCM & BECM updates available?

- **Yes:** Update software to the latest version. Then do EVAC & Fill. Measure the recovered refrigerant volume (Fill Tolerance is +/-30g). Proceed to step 2.

- **No:** Do EVAC & Fill. Measure the recovered refrigerant volume (Fill Tolerance is +/-30g). Proceed to step 2.

2. Did you recover full charge?

- **Yes:** Proceed to step 3.

- **No:** Do a visual inspection of the AC Hardware and find the source of the leak. Replace the leaking part. End.

3. Run analysis of Sun Load, Ambient Light, and Charge Indicator Sensor Replacement (PCAT) sensor. Is the PCAT sensor bad?

*Refer to bulletin # [23-NA-221](#): A/C Inoperative or Only Blows Warm Air Due to Faulty Solar Sensor (Document ID: 6501121)

- **Yes:** Repair or replace the sensor. End.

- **No:** Perform Air Conditioning (A/C) System Performance Test. Follow SI

4. Is the A/C System working as intended?

- **Yes:** End.

- **No:** Do a new visual inspection of the AC Hardware. Proceed to step 5.

5. Did you find a refrigerant leak?

- **Yes:** Replace the leaking part.

- **No:** Follow published SI procedures

Additional notes:

For AC Hardware visual inspections, use a black light to detect refrigerant leaks. Ignore dye traces around the fill valve area and clean them with Fluorescent Dye Cleaner when first found & monitor the area for bubbling or new dye formed after running the system..

When doing evacuation and recharge, use a clean oil catch bottle in the AC machine to look for any debris in the system.

Version History

Version	2
Modified	01/17/2024 - Created on. 11/08/2024 - Updated Models and correction.

