



**Bulletin No.:** PIT6112B  
**Published date:** 11/22/2024

## Preliminary Information

### PIT6112B P0534 Service High Voltage Diagnostic Tips

#### Models

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

<b>Involved Region or Country</b>	North America
<b>Condition</b>	Service high voltage system message on the DIC along with a P0534
<b>Cause</b>	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 follow SI.**

- **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

<b>Version</b>	2
<b>Modified</b>	01/17/2024 - Created on. 11/08/2024 - Updated Models and correction. 11/22/24 - Updated Correction.

