



Bulletin No.: PIT6112C
Published date: 02/14/2025

Preliminary Information

PIT6112C 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 - 2025 | All | All | All | All |
| Chevrolet | Equinox EV | 2024 - 2025 | All | All | All | All |

| | |
|-----------------------------------|---|
| Involved Region or Country | North America |
| Condition | Service high voltage system message on the DIC along with a P0534 (HV charging not working) |
| 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 then refill system, then go to step three

3. Perform Air Conditioning (A/C) System Performance Test in Service information. If problem persists follow 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 | 4 |
| Modified | <p>01/17/2024 - Created on. 11/08/2024 - Updated Models and correction. 11/22/24 - Updated Correction. 02/14/2025 removed PCAT instructions and directed towards updated SI procedures.</p> |