



Preliminary Information

PIT6112C P0534 Service High Voltage Diagnostic Tips

Models

Brand:	Model:	Model Years:	VIN: from to		Engine:	Transmissions:
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:

- 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.
- 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
- 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	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.