

<b>REFERENCE:</b>	<b>TSB:</b> 08-122-25 REV. A <b>GROUP:</b> 08 - Electrical	<b>Date:</b>	April 23, 2025	<b>REVISION:</b>	08-122-25
<b>VEHICLES AFFECTED:</b>	<b>2022 - 2024 (WL) Jeep Grand Cherokee/Grand Cherokee L</b> This bulletin applies to vehicles equipped with the 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX).	<b>MARKET APPLICABILITY:</b>			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH			
<b>CUSTOMER SYMPTOM:</b>	<b>Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must set the following Diagnostic Trouble Code (DTC):</b> <ul style="list-style-type: none"> <li>B3A11 - A/C Refrigerant Expansion Valve Actuator Control Circuit Performance.</li> </ul> <b>Customer may also comment on the following:</b> <ul style="list-style-type: none"> <li>A/C system blowing warm air.</li> </ul>				
<b>CAUSE:</b>	Supplier quality spill				

This bulletin supersedes Technical Service Bulletin (TSB) 08-122-25, date of issue April 18, 2025, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include a corrected Failure Code.

**REPAIR SUMMARY:**

This bulletin involves replacing the battery chiller.

**CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
24-45-30-90	Battery Chiller - Replace (2 - Skilled)	6 - Electrical and Body Systems	1.5 Hrs.
Failure Code	<b>**ZZ**</b>	Customer Concern	

**The dealer must use failure code CC with this Technical Service Bulletin.**

- If the customer's concern matches the SYMPTOM identified in the Technical Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

**SPARE PARTS:**

Qty	Part No.	Description	Notes
1	68629565AA	Chiller, Battery	
2	06104368AA	Hex Head M6X1.0X25.0	
1	68510660AA	Kit, Wiring	2022 - 2023 Models Only

Qty	Part No.	Description	Notes
1	68163849AC	Coolant (5.8 qt/ 5.5 L)	
2	68152002AA	Seal Washer	

### DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes a symptom/condition above, perform the repair procedure.

### SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

### REPAIR PROCEDURE:

1. Open the hood and check the chiller for part numbers 68470822AA or 68470822AB, then look for any green check marks [Fig. 1](#).
2. Are there part numbers 68470822AA or 68470822AB and any green check marks on the chiller [Fig. 1](#)?
  - YES >>> Proceed to [Step 3](#).
  - NO >>> This bulletin does not apply. This bulletin does not apply.



**Fig. 1**

Chiller With Green Check Mark And Part Number Location

3. Replace the battery chiller. Refer to the detailed service procedures listed in DealerCONNECT>Service Library>Service Info under: 12 - Electrified Powertrain System / Battery Cooling / Chiller / Removal and Installation.
4. **For model years 2022 and 2023 only**, install wire harness jumper 68510660AA.
5. Clear any DTCs.
6. Fast charge the vehicle and drive for 16 km (10 mi) and confirm DTC is cleared.

**POLICY:**

Reimbursable within the provisions of the warranty.

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