

Technical Service Bulletin (TSB)
Flash: Hybrid Control Processor (HCP) /
Auxiliary Hybrid Control Processor (AHCP) Updates

REFERENCE:	TSB: 08-045-26 REV. A GROUP: 08 - Electrical	Date:	July 14, 2026	REVISION:	08-045-26
VEHICLES AFFECTED:	2023 (WL) Jeep Grand Cherokee / Grand Cherokee L This bulletin applies to vehicles equipped with a 2.0L I4 DOHC DI Turbo PHEV Engine (Sales Code ECX) and with an 8-Speed Auto 8P75PH PHEV Transmission (Sales Code DFY).			MARKET APPLICABILITY: ☐ NA☐ MEA ☐ SA☐ IAP ☐ EE☒ CH NOTE: This bulletin applies to the China market.	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician must find the following Diagnostic Trouble Code (DTC) has been set: - B3A11-00 - A/C Refrigerant Expansion Valve Actuator Control Circuit Performance. Customers may experience one or more of the following: - Low/weak 12V battery or a no start condition. - Vehicle unable to charge while key off.				
CAUSE:	PIM Software Updates.				

This bulletin supersedes Technical Service Bulletin (TSB) 08-045-26, date of issue February 5, 2026, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include an updated Repair Summary, updated Claims Data Labor Description, and new Repair Procedure steps. Changes not highlighted with asterisks include an updated TSB title.

REPAIR SUMMARY:

This bulletin involves reprogramming the ****HCP/AHCP**** to the latest available software.

NOTE: This new software level includes the remedy software for safety campaign ****68C****. If the vehicle has not had ****68C**** performed, please follow the ****68C**** service action.

If ****68C**** has been performed and the customer has a complaint of receiving the “Service Hybrid System” wrench icon and an unexpected switch from electric propulsion to ICE follow the service procedure outlined in the TSB.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-86-CN	**Reprogram HCP/AHCP Module Software** (0 - Introduction)	6 - Electrical and Body Systems	0.5 Hrs.
Failure Code	CC	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.

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 the symptom/condition above, perform the repair procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	—	—

REPAIR PROCEDURE:**CAUTION!**

- Before performing the software reprogramming, it is necessary to make the vehicle safe.
- When performing repairs that directly involve or imply possible contact with live high voltage components/systems, the technician must ensure that the power supply of the high-voltage system is disconnected throughout the operation.
- Only specifically trained technicians qualified to perform repairs on vehicles with high voltage systems under current national laws/regulations are authorized to work on the vehicle.
- Before performing any diagnostic repair work on the vehicle, carefully read and comply with the general instructions for working safely on hybrid/electric vehicles and use suitable general equipment and Personal Protective Equipment (PPE).

NOTE: Install a 12v battery charger to ensure sufficient battery voltage is provided during the flash process.

NOTE: If this flash process is interrupted/aborted, the flash should be restarted.

CAUTION!

The vehicle must not be connected to a high voltage charger when performing software updates.

1. ****Disable HV Battery Contactors using wiTECH** - Go to the Misc Functions tab --> Select Disable HV Battery Contactors --> then follow the wiTECH prompts.
2. Use wiTECH to confirm that the contactors are open and waiting five minutes. If the contactors do not open turn the ignition on then off. Once successful a note will appear on the wiTECH screen indicating the contactors are open.**
3. Reprogram the HCP/AHCP with the latest available software. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.
4. ****Enable HV Battery Contactors using wiTECH** - Go to the Misc Functions tab --> Select Enable HV Battery Contactors For Service--> then follow the wiTECH prompts.**

5. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

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