STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

Flash: Hybrid Control Processor (HCP) and Auxiliary Hybrid Control Processor (AHCP) Updates

REFERENCE:	**TSB:** 08-003-25 REV. A **GROUP:** 08 - Electrical	**Date:**	June 13, 2025	**REVISION:**	08-003-25
VEHICLES AFFECTED:	**2024 (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 a 8-SPD Auto 8P75PH PHEV Transmission (Sales Code DFY).**			**MARKET APPLICABILITY:** ☒ NA ☒ MEA ☒ SA ☒ IAP ☒ EE ☒ CH **NOTE: **This bulletin applies to North and South America, Enlarged Europe, Middle East & Africa, India & Asia Pacific and China markets.****	
CUSTOMER SYMPTOM:	**Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs):** • P0C19 - Drive Motor A Torque Delivered Performance. • P1B03 - Resolver Signal / MCPA Rationality. • B273C - Digital Crash Input. **Customers may experience the following:** • Intermittent wrench (service HV) icon condition.				
CAUSE:	**HCP/AHCP module software updates**				

This bulletin supersedes Technical Service Bulletin (TSB) 08-003-25, date of issue January 08, 2025, which should be removed from your files. All revisions are highlighted with **asterisks and includes removing a build date (not highlighted with asterisks), new market note, added Repair Summary, added Claims Data, added Diagnosis, added Special Tools/Equipment, added Repair Procedure and converted from an Information Only bulletin to a TSB bulletin.**

**REPAIR SUMMARY:

This bulletin involves reprogramming the HCP/AHCP, also known as Power Inverter Module (PIM), with the latest available software.**

**CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-86-BE	Processor, Hybrid Control (HCP/AHCP) - Reprogram (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 any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.**

**SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–**

**REPAIR PROCEDURE:

WARNING!

- **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 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.

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 and AHCP with the latest 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.

NOTE: For SA market only, after applying this TSB, it is not necessary to send DID-I or DID-A.**

****POLICY:**

Reimbursable within the provisions of the warranty.**