STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

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

REFERENCE:	**TSB:** 08-064-25 **GROUP:** 08 - Electrical	**Date:**	March 11, 2025	**REVISION:**	08-200-24
VEHICLES AFFECTED:	**2024 (MV) Jeep Compass** **This bulletin applies to vehicles built on and after September 01, 2022 (MDH 0901XX) and on and before March 31, 2024 (MDH 0331XX) equipped with the 1.3L I4 Turbo PHEV engine (Sales Code EYG).**			**MARKET APPLICABILITY:** ☐ NA ☐ MEA ☐ SA ☐ IAP ☒ EE ☐ CH	
CUSTOMER SYMPTOM:	**Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set the following Diagnostic Trouble Code (DTC):** • P0C74 - Motor Electronics Coolant Pump "B" Control Performance.				
CAUSE:	**Module software updates**				

This bulletin supersedes Technical Service Bulletin (TSB) 08-200-24, date of issue September 11, 2024, which should be removed from your files. No revision was highlighted with **asterisks but include a Service Library RSU number correction.**

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 24-127, date of issue September 11, 2024. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-86-98	Hybrid Control Processor and Auxiliary Hybrid Control Processor (HCP/AHCP) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-86-97	Hybrid Control Processor and Auxiliary Hybrid Control Processor (HCP/AHCP) - Inspect and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.7 Hrs.
Failure Code	CC	Customer Concern	
	RF	Required Flash	

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical Service Bulletin.

- The “RF” failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RSU.
- The failure code “RF” (Required Flash) can no longer be used on Technical Service Bulletin flashes. The “RF” failure code must be used on an RSU.
- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C’s must be supplied.

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 a customers VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure.

This RSU only applies to vehicles on the RSU VIN list.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

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

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.

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).**

1. Is the vehicle on the RSU VIN list?
   - YES >>> Proceed to Step 2.
   - NO >>> Proceed to Step 3.

2. Does the PCM have the latest software already installed?
   - YES >>> This bulletin has been completed, use Inspect LOP (18-19-86-98) to close the active RSU.
   - NO >>> Proceed to Step 3.
3. Reprogram the 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. Reprogram the HCP 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.
5. Using wiTECH, perform a "PROXI Alignment Procedure". This routine is available under the 'Vehicle Preparations' tab of wiTECH.
6. 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.