

Technical Service Bulletin (TSB)

Flash: Battery Pack Control Module (BPCM) Updates

REFERENCE:	TSB: 08-168-26 GROUP: 08 - Electrical	Date:	April 21, 2026	REVISION:	—
VEHICLES AFFECTED:	2024 (VF) RAM Promaster This bulletin applies to vehicles equipped with a 400V G1200 FR Elec Drive Motor (Sales Code ELA).			MARKET APPLICABILITY: ☒ NA☐ IAP ☐ SA☐ MEA ☐ EE☐ CH NOTE: This bulletin applies to the North America markets.	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician must find one or more of the following Diagnostic Trouble Codes (DTCs) have been set: - P0D08-00 - Hybrid/EV Battery Positive Contactor A Stuck Closed. - U0412-00 - Invalid Data Received From Battery Energy Control Module "A". Customers may also experience one of more of the following: - The Service Lamp is illuminated in the Instrument Panel Cluster (IPC). - The vehicle will not enable.				
CAUSE:	BPCM software				

REPAIR SUMMARY:

This bulletin involves reprogramming the BPCM with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-87-AW	Battery Pack Control Module (BPCM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 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:**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).
- The vehicle must not be connected to a high voltage charger when performing software updates.

NOTE: Install a battery charger to maintain a 12 volt system voltage.

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

NOTE: The Electric Vehicle Control Unit (EVCU), Motor Control Processor A (MCPA) and Integrated Dual Charge Module (IDCM) must be updated to the latest available software at the conclusion of this repair procedure. Refer to all applicable published technical service bulletins for detailed repair procedures and labor times regarding updating the EVCU, MCPA and IDCM software.

1. Reprogram the BPCM 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.
2. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.
3. Verify the EVCU, MCPA and IDCM are also programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the EVCU, MCPA and IDCM software.

POLICY:

Reimbursable within the provisions of the warranty.

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