

Technical Service Bulletin (TSB)

Battery Pack Control Module (BPCM) Software Update

REFERENCE:	TSB: 08-333-25 GROUP: 08 - Electrical	Date:	October 8, 2025	REVISION:	-
VEHICLES AFFECTED:	2025 (DT) RAM 1500 Pickup This bulletin applies to vehicles equipped with a 3.6L V6 24V VVT E-Torque Engine UPG I (Sales Code ERG).			MARKET APPLICABILITY: ☒ NA☐ IAP ☐ EE☐ MEA ☐ SA☐ CH NOTE: This bulletin applies to the North America markets.	
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following Diagnostic Trouble Code (DTC) has been set: - P0E55-00 - DC/DC Converter Current Sensor Circuit "A" Intermittent/erratic. Customers may also experience one or more of the following: - The 12-volt battery is not charging properly. - The battery charge stays low or dies quickly, even after driving. - The vehicle had to be towed due to battery not charging.				
CAUSE:	BPCM software				

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-87-AS	Module, Battery Pack Control (BPCM) Reprogram 0 - Introduction	6 - Electrical and Body Systems	0.2 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:

NOTE: Install a battery charger to ensure battery voltage does not drop below 13.2 volts. Do not allow the charging voltage to climb above 13.5 volts during the flash process.

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

1. Place the ignition in the Off position for 30 seconds to allow the 48V contactor to open.
2. 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.
3. 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.

POLICY:

Reimbursable within the provisions of the warranty.

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