

## Technical Service Bulletin (TSB)

### Flash: Body Control Module (BCM) Updates

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |       |                    |                                                                                                                                                                                                                               |   |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| REFERENCE:         | TSB: 08-204-24<br>GROUP: 08 - Electrical                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Date: | September 18, 2024 | REVISION:                                                                                                                                                                                                                     | – |
| VEHICLES AFFECTED: | 2025 (DT) RAM 1500 Pickup<br>This bulletin applies to vehicles built on or before June 29, 2024 (MDH 0629XX).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |       |                    | MARKET APPLICABILITY:<br><div><input checked="" type="checkbox"/> NA<input type="checkbox"/> MEA<br/><input type="checkbox"/> SA<input type="checkbox"/> IAP<br/><input type="checkbox"/> EE<input type="checkbox"/> CH</div> |   |
| 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): <ul style="list-style-type: none"><li>B0006-11 - Left Side Stowage Compartment Lid Latch Control - Circuit Short To Ground.</li><li>B0007-11 - Right Side Stowage Compartment Lid Latch Control - Circuit Short To Ground.</li></ul> Customers may experience one or more of the following: <ul style="list-style-type: none"><li>Unable to open the RamBox® unless using the mechanical key.</li><li>Security alarm sounds off intermittently.</li></ul> |       |                    |                                                                                                                                                                                                                               |   |
| CAUSE:             | Incorrect BCM software                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |                    |                                                                                                                                                                                                                               |   |

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 24-129, date of issue September 18, 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 updating the BCM with the latest available software.

#### CLAIMS DATA:

| Labor Operation No: | Labor Description                                       | Skill Category                  | Labor Time |
|---------------------|---------------------------------------------------------|---------------------------------|------------|
| 18-19-02-JC         | Module, Body Control (BCM) - Inspect (0 - Introduction) | 6 - Electrical and Body Systems | 0.2 Hrs.   |
| 18-19-02-JD         | Module, Body Control (BCM) - Inspect and Reprogram      | 6 - Electrical and Body Systems | 0.2 Hrs.   |
| Failure Code        | RF                                                      | Required Flash - RSU            |            |
|                     | CC                                                      | Customer Concern                |            |

**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.

**SPECIAL TOOLS/EQUIPMENT:**

| Description          | Ref. No. | Notes |
|----------------------|----------|-------|
| wiTECH or Equivalent | -        | -     |

**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 customer's 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.

**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. Inspect the BCM software level.
2. Does the BCM have the latest software level?
  - YES>>> This bulletin has been completed. Use Inspect LOP (18-19-02-JC) to close this active RSU.
  - NO>>> Proceed to [Step 3](#).
3. Reprogram the BCM 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. Perform an ignition key cycle OFF to ON. This must be performed prior to performing [Step 5](#).
5. 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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