



NUMBER: 08-192-22

GROUP: 08 - Electrical

DATE: October 15, 2022

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This bulletin supersedes Technical Service Bulletin (TSB) 08-042-21, date of issue March 18, 2021, which should be removed from your files. All revisions are highlighted with **asterisks**** and include new software, remove build date, symptom and LOP**

SUBJECT:

Flash: Body Control Module (BCM) Updates

OVERVIEW:

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

MODELS:

2021 (DT) RAM 1500 Pickup

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

SYMPTOM/CONDITION:

Customer may experience one or more of the following condition:

- ****AUX switch “recall last state” function does not work, only if equipped with a 6.2L Supercharged HEMI V8 SRT Engine (Sales Code ESD).**
- **AUX output always returns to OFF unless user selects battery power over ignition power feed, only if equipped (Sales Code ESD).****
- **Hill descent button is inoperative (Sales Code BNH).**

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 Diagnostic Trouble Codes (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 listed above, 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. Reprogram the BCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application’s “HELP” tab.
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. Cycle the ignition off, unplug wiTECH pod and close the doors to let all modules go to sleep, this may take one minute.
4. Reconfigure the BCM, using wiTECH, restore vehicle configuration. This routine is available under the 'Guided Diagnostic'.
5. Reconnect wiTECH and clear any DTCs that may have been set in any module during the reconfigure.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-GB	Module, Body Control (BCM) - Reprogram, Includes Restore Vehicle Configuration (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 4 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this Technical Service Bulletin.

- 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 (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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