

Technical Service Bulletin (TSB)

Flash: Body Control Module (BCM) Updates

REFERENCE:	TSB: 08-230-22 GROUP 08 - Electrical	Date:	December 13, 2022	REVISION:	08-051-18
VEHICLES AFFECTED:	2015 - 2017 (VF) RAM ProMaster			MARKET APPLICABILITY: ☒ NA ☐ MEA ☒ SA ☐ IAP ☐ EE ☐ CH	
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: - U0019-01-CAN B BUS - General Electrical Failure (2015 MY Only). In addition, the following software enhancements are available: - Keyfob does not unlock or lock doors (2017 MY Only). - Reduces response delay of the horn button (2017 MY Only). “Bulb out” MIL when a 3 watt parking lamp is installed (2017 MY Only). - Update to allow the programming of one additional key without reprogramming all other keys. - Fog light telltale stays illuminated when the high-beams are turned on (2015 MY Only). - Allow for the vehicle to be locked with the key in the ignition (2015 MY Only). Additional updates for up-fitters to correct the following conditions when using LED bulbs for the turn signals and enabling the “Bulb Out Diagnostics”: - External lamp failure icon being illuminated (2015 MY Only). - Turn signal indicators flash at double the normal speed (2015 MY Only). - Bulb out message displayed in the Electronic Vehicle Information Center (EVIC) (2015 MY Only).				
CAUSE:	BCM Software				

This bulletin supersedes Technical Service Bulletin (TSB) 08-051-18, date of issue April 11, 2018, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include additional verbiage on also updating the Heating, Ventilation and Air Conditioning (HVAC) Module.

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-02-DE	Module, Body Control - 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 a symptom/condition or if the technician finds a DTC listed above, perform the repair procedure.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	–	–

REPAIR PROCEDURE:

CAUTION! The supplier of this BCM has indicated that this BCM is NOT abort-recoverable, if the flash process is interrupted or fails. An interrupted or failed flash may cause the BCM to become non-responsive, which would require module replacement.

NOTE: **The (HVAC module) must be updated to the latest available software at the conclusion of this repair procedure. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the HVAC software.**

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 repair procedure.

NOTE: If adding a new Frequency Operated Button with Integrated Key (FOBIK), only the new FOBIK is needed to be reprogrammed. All other FOBIKs do not need to be reprogrammed also.

1. Reprogram the BCM with the latest available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. Using wiTECH 2, restore BCM proxi configuration and perform proxi alignment procedure. This routine is available under the BCM Module in the "Misc. Function" tab.
3. **Verify the HVAC module is programmed with the latest available software. Refer to all applicable published service bulletins for detailed repair procedures and labor times regarding updating the HVAC software.**
4. 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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