



NUMBER: 08-105-17

GROUP: 08 - Electrical

DATE: October 31, 2017

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-104-15, DATED OCTOBER 31, 2015, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE 2016 AND 2017 MY'S, SOFTWARE ENHANCEMENT AND LOP.**

HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING "HELP" THEN "HELP CONTENTS" AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.

THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:

Flash: Body Control Module (BCM) Diagnostic and System Improvements

OVERVIEW:

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

MODELS:

2015 - ****2017**** (VF) RAM ProMaster

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

NOTE: This bulletin applies to vehicles built on or after December 10, 2014 (MDH 1210XX) and on or before April 27, 2016 (MDH 0427XX).

SYMPTOM/CONDITION:

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:

- ****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 upfitters 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)**.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, 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 listed above or if the technician finds the DTC, perform the Repair Procedure.

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: 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 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, restore configuration and align proxi. This routine is available under the "Diagnostic Procedures" tab found on the home, "Vehicle View", page of wiTECH.
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.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-CU	Module, Body Control - Reprogram (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 2 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 Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the 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 Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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