



NUMBER: 08-054-20

GROUP: 08 - Electrical

DATE: May 8, 2020

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This bulletin supersedes Service Bulletin 08-097-19, dated October 11 2019, which should be removed from your files. All revisions are highlighted with **asterisks**** and include updated build date, additional symptom/conditions, Diagnostic Trouble Codes (DTCs) for the 2020 MY and LOP**

This Service Bulletin is also being released as Rapid Response Transmittal (RRT) 19-072, dated October 11, 2019. All applicable Sold and Un-Sold RRT VINs have been loaded. To verify this RRT 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.

SUBJECT:

Flash: Body Control Module (BCM) Updates

OVERVIEW:

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

MODELS:

2019 - 2020 (B1) Jeep Renegade

NOTE: This bulletin applies to vehicles within the following markets/countries: North America (Mexico Only) and LATAM.

NOTE: This bulletin applies to vehicles built on or before **March 21, 2020 (MDH 0321XX)******

SYMPTOM/CONDITION:

The customer may experience a Malfunction Indicator Lamp (MIL) illumination or describe the following symptoms:

- ****B1007-15 - Front-Lateral Left Turn Light-Circuit Short To Battery Or Open (2020 MY only).**
- **B1008-15 - Front-Lateral Right Turn Light-Circuit Short To Battery Or Open (2020 MY only).**
- **B1107-15 - Rear Left Turn Light-Circuit Short To Battery Or Open (2020 MY only).**
- **B1108-15 - Rear Right Turn Light-Circuit Short To Battery Or Open (2020 MY only).**
- **When the doors' lock is activated by the key, the anti-theft system signals with three beeps and blinks the turn lamps nine times, without any open door or open window (2020 MY only).****

The customer may also experience an intermittent message "Service Power Steering" appearing on Electronic Vehicle Information Center (EVIC), without losing the power steering assistance, followed by the DTC:

- **C1214-87 - Conf Data Code Request Message - Missing Message.**

The customer may also experience an intermittent MIL “Exterior Bulb Failure Indicator” illumination and any exterior lights or bulbs are malfunctioning, followed by the DTC’s:

- B100A-15 - Combined Rear Right Stop And Park Ch 1 - Circuit Short To Battery Or Open.
- B100B-15 - Combined Rear Left Stop And Park Ch 2 - Circuit Short To Battery Or Open.
- B100C-15 - Combined Rear Right Stop And Park Ch 2 - Circuit Short To Battery Or Open.

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 RRT VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition or DTC, perform the repair.

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. Is the vehicle on the RRT VIN list?
 - YES>>> Proceed to [Step 2](#).
 - NO>>> Proceed to [Step 3](#).
2. Does the BCM have the latest software already installed?
 - YES>>> This bulletin has been completed, use inspect LOP (18-19-02-B1) to close the active RRT.
 - NO>>> Proceed to [Step 3](#).
3. 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.
4. 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.
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.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-B1	Module, Body Control (BCM) - Inspect Only (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-02-BB	Module, Body Control (BCM) - Inspect and Reprogram (0 - Introduction)	6 - Electrical And Body Systems	0.2 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 choose which failure code to use depending on if this is a Rapid Response Transmittal (RRT) or 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 RRT.
- The failure code “RF” (Required Flash) can no longer be used on Service Bulletin flashes. **The “RF” failure code must be used on an RRT.**
- 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 must be supplied.

RF	Required Flash - RRT
CC	Customer Concern