



NUMBER: 08-007-16

GROUP: Electrical

DATE: January 16, 2016

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THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 16-007. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

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: Malfunction of Some Body Controller Functions With a New Key

OVERVIEW:

This bulletin involves reprogramming the Body Control Module (BCM) with the latest available software.

MODELS:

2016 (B1) Jeep Renegade

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

NOTE: This bulletin applies to vehicles built on or after February 06, 2015 (MDH 0206XX) and on or before October 16, 2015 (MDH 1016XX).

SYMPTOM/CONDITION:

Some customers may experience one or more of the following conditions:

- The vehicle theft alarm system activates, setting off the siren for no reason.
- BCM will not recognize pressing of the lock/unlock buttons or setting of the vehicle theft alarm system when a new or spare key has been programmed. New key will start the vehicle.

In addition, the following software enhancements will correct the theft alarm ultrasonic sensors not detecting an intrusion on the rear seat area.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine 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. For all other customers that describe the symptom/condition listed above or if the technician finds the DTC, 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. Is the BCM software up to date?
 - a. YES >>>This bulletin has been completed, use LOP (18-19-02-BG) to close the active RRT.
 - b. NO >>> Continue with the Repair Procedure.
2. Reprogram the BCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the 'HELP' tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.
3. Using wiTECH, clear any DTCs that may have been set in any modules due to update procedure. The wiTECH application will automatically present all DTCs after the flash and allow the DTCs to be cleared.
4. Using wiTECH, perform a BCM proxi reconfiguration clicking on 'Restore Vehicle Configuration'. This configuration is available under the "Diagnostic Procedures" tab found on the Vehicle View Screen (VVS). After the successful execution of "Restore Vehicle Configuration", run the BCM proxi alignment procedure. This is found under the "Vehicle Preparations" tab on the Vehicle View Screen.
5. Using wiTECH, verify and, if necessary, change the alarm sensibility for 130% by clicking on 'Modify Volumetric Sensor Sensibility' and following the screen prompts. This configuration is available under the "Misc. Functions" tab found on the BCM Tab.

NOTE: This flash process will change the volume of the siren, reducing the “beep” upon activation or deactivation of the anti-theft system. The customer must be informed about the reduction of the volume to avoid malfunction complaints. If there are any questions regarding the new characteristics of the anti-theft system, contact Customer Care for more information.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-BG	Module, Body Control - Inspection (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-02-BF	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 choose which failure code to use. If the customer came in with an issue and if the dealer finds a software update to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash