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GROUP: Electrical

DATE: March 02, 2017

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FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

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

SUBJECT:

Flash: Brake System Module (BSM) Improvements

OVERVIEW:

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

MODELS:

2017

(M1)

Jeep Compass (Brazil)

**NOTE: This bulletin applies to vehicles within the following markets/countries:
LATAM (Brazil).**

NOTE: This bulletin applies to vehicles built on or before February 03, 2017 (MDH 0203XX).

SYMPTOM/CONDITION:

The customer may experience the Auto Apply Park Brake indicator has been disabled under the radio settings (Fig. 1) when the Electronic Park Brake (EPB) is engaged and the ignition is cycled.



Fig. 1 Auto Park Brake

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, 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, perform the Repair Procedure.

REPAIR PROCEDURE:

CAUTION: Verify the EPB is DISENGAGED before attempting this BSM/Anti-Lock Brake (ABS) flash reprogramming session. Upon completion of this BSM/ABS flash reprogramming session perform a Proxy Alignment Procedure FIRST then perform the necessary ABS post flash routines. Failure to do so may result in the module not being reprogrammed correctly.

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. Ensure the EPB is disengaged (Fig. 2).



BRAKE

Fig. 2 Electronic Park Brake Icon

2. Reprogram the BSM/ABS module with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
3. Using the wiTECH, perform the Proxi Alignment Procedure located in the Body Control Module (BCM) icon, under the "Miscellaneous Functions" tab.

NOTE: EPB must be disengaged for ABS routines to run properly.

4. Using the wiTECH Diagnostic Application, perform the following routines:
 - a. Brake Pedal Calibration - located in the ABS module icon, under the "Miscellaneous Functions" tab.
 - b. Longitudinal G-Sensor Calibration - located in the ABS icon, under the "Miscellaneous Functions" tab.
 - c. EPB Service Procedure - "Exit Plant Mode" and "Assembly Check" located in the ABS module icon, under the "Miscellaneous Functions" tab.
5. Clear any DTCs that may have been set in other modules 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 |
|----------------------------|--|---------------------------------|---------------|
| 18-19-10-9M | Module, Anti-lock Brake ABS - 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 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. 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 |