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**GROUP:** Electrical

**DATE:** April 01, 2016

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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: Electronic Parking Brake Module Enhancement

***OVERVIEW:***

This bulletin involves updating the Electronic Parking Brake (EPB) module software.

***MODELS:***

2016 (K4) Jeep Cherokee

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

**NOTE: This bulletin applies to K4 vehicles built on or before January 04, 2016 (MDH 0104XX) equipped with Electric Park Brake (Sales Code XC4).**

***SYMPTOM/CONDITION:***

The customer may describe the EPB does not engage with the "Auto Apply" feature selected.

**NOTE: The parking brake will apply when the switch is manually activated.**

***DIAGNOSIS:***

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine 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 listed above, 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. Reprogram the EPB module with the latest available 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.
2. 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
18-19-75-91	Module, Electronic Parking Brake (EPB) - 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 1 minute. 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