SERVICE BULLETIN

NUMBER: 08-024-16 REV. A

GROUP: Electrical

DATE: March 23, 2016

THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-024-16, DATED MARCH 01, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDE AN UPDATED VEHICLE BUILD DATE.**

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: Radio Frequency Hub Module (RFHM) Enhancement

OVERVIEW:

This bulletin involves updating the RFHM software.

MODELS:

2016	(KL)	Jeep Cherokee

NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA, LATAM, EMEA, and APAC.

NOTE: This bulletin applies to vehicles built on or before **February 09, 2016 (MDH 0209XX) equipped with one of the following Sales Codes:**

- **Passive Entry/Keyless Go (Sales Code GX4).**
- **Remote Proximity Keyless Entry (Sales Code GXD).**
- **Keyless Entry (Sales Code GXP).**
- **Keyless Entry With Panic Alarm (Sales Code GXM).**

SYMPTOM/CONDITION:

Customers may describe the instrument cluster is illuminating by itself after the ignition has been off for an extended period of time (ten minutes or more).

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify the RFHM system is 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, 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. Using wiTECH, check for any codes setting in the RFHM and record them on the repair order. If necessary, perform a vehicle scan report and save it for your records.
2. Is the RFHM software at the latest software level?
   a. YES >>> This bulletin does not apply.
   b. NO >>> Continue to Step #3 and perform the software update.
3. Reprogram the RFHM 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.
4. Clear any 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
18-19-12-9E	Module, Radio Frequency Hub Module (RFHM) - Reprogram (0 - Introduction)	6 - Electrical and Body System	0.2 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