

Technical Service Bulletin (TSB)
Flash: Radio Frequency Hub Module (RFHM) Updates

REFERENCE:	TSB: 08-169-24 GROUP: 08 - Electrical	Date:	July 23, 2024	REVISION:	–
VEHICLES AFFECTED:	2024 (WL) Jeep Grand Cherokee / Grand Cherokee L This bulletin applies to vehicles built on or before May 13, 2024 (MDH 0513XX).	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA		<input checked="" type="checkbox"/> MEA	
		<input checked="" type="checkbox"/> SA		<input type="checkbox"/> IAP	
		<input checked="" type="checkbox"/> EE		<input type="checkbox"/> CH	
CUSTOMER SYMPTOM:	<p>Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit/set one or more of the following Diagnostic Trouble Codes (DTCs):</p> <ul style="list-style-type: none"> • B1A10-00 - RKE FOB 1 Battery Low. • B1A11-00 - RKE FOB 2 Battery Low. • B23D7-14 - Gated Park Control - Circuit Short To Ground Or Open. <p>Customers may also experience one or more of the following:</p> <ul style="list-style-type: none"> • Vehicle won't start unless the fob is pressed to KIN. • Key fob not detected when inside vehicle • Passive Entry (PE) intermittently inoperative. • Keyless Ignition Node (KIN) unresponsive. • Welcome feature does not activate at times. 				
CAUSE:	RFHM software				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 24-106, date of issue July 23, 2024. All applicable RSU VINs have been loaded. To verify this RSU 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.

REPAIR SUMMARY:

This bulletin involves updating the RFHM module with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-12-AM	Module, Radio Frequency Hub (RFHM) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-12-AN	Module, Radio Frequency Hub (RFHM) - Inspect and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
Failure Code	CC	Customer Concern	
	RF	Required Flash	

The dealer must choose which failure code to use depending on if this is a Rapid Service Update (RSU) or Technical 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 RSU.
- The failure code “RF” (Required Flash) can no longer be used on Technical Service Bulletin flashes. The “RF” failure code must be used on an RSU.
- If the customer’s concern matches the SYMPTOM/CONDITION identified in the Technical Service Bulletin, failure code CC is to be used. When utilizing this failure code, the 3C’s must be supplied.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	-	-

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 RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptom listed above in the customer symptom section, perform the Repair Procedure.

This RSU only applies to vehicles on the RSU VIN list.

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. Does the RFHM have the latest software already installed?
 - YES>>> This bulletin has been completed. Use Inspection LOP (18-19-12-AM) to close the active RSU.
 - NO>>> Proceed to [Step 2](#).
2. Reprogram the RFHM to the latest software level. If issues arise when flashing a module using the wiTECH Diagnostic Application, please submit a ticket to the Helpdesk. The helpdesk can be found within the Help menu.
3. 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.

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