

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

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|---------------------------|--|--------------|-----------------|--|------------------|
| REFERENCE: | TSB: 08-232-25 REV. C GROUP: 08 - Electrical | Date: | October 4, 2025 | REVISION: | 08-232-25 REV. B |
| VEHICLES AFFECTED: | 2025 (DT) RAM 1500 Pickup | | | MARKET APPLICABILITY: <input checked="" type="checkbox"/> NA <input checked="" type="checkbox"/> MEA <input checked="" type="checkbox"/> SA <input checked="" type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH NOTE: This bulletin applies to Middle East & Africa, North and South America and India & Asia Pacific markets. | |
| CUSTOMER SYMPTOM: | **Customers or technicians may experience one or more of the following: <ul style="list-style-type: none"> • RFHM software update fails when attempting to perform a flash. ** • Low vehicle battery. • Key fob is inoperable. • Proximity is inoperable. NOTE: Intermittent proximity not working is not an RFHM issue. <ul style="list-style-type: none"> • If Smart Phone As A Key (SPAACK) is used exclusively and then the driver reverts back to using key fob, the Remote Keyless Entry (RKE) on the fob is in operable. | | | | |
| CAUSE: | RFHM software | | | | |

This bulletin supersedes Technical Service Bulletin (TSB) 08-232-25 REV. B, date of issue September 12, 2025, which should be removed from your files. All revisions are highlighted with ****asterisks**** and includes new and updated Customer Symptoms, new LOP, additional Repair Procedure steps and a new Repair Procedure note. Changes not highlighted by ****asterisks**** include the removal of a sales code.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-193, date of issue September 12, 2025. 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.

NOTE: The RSU portion of this service bulletin covers the South America market only.

REPAIR SUMMARY:

SA Only - This bulletin involves inspecting and possibly reprogramming the RFHM module with the latest available software.

All Other Markets - This bulletin involves reprogramming the RFHM module with the latest available software.

CLAIMS DATA:

| Labor Operation No: | Labor Description | Skill Category | Labor Time |
|---------------------|---|---------------------------------|------------|
| 18-19-12-BF | Module, Radio Frequency Hub (RFH) - Inspect Software Level (0 - Introduction) | 6 - Electrical and Body Systems | 0.2 Hrs. |
| **18-19-12-BQ | Module, Radio Frequency Hub (RFH) - Inspect and/or Reprogram (0 - Introduction) | 6 - Electrical and Body Systems | 0.3 Hrs.** |
| Failure Code | RF | Required Flash - RSU | |
| | CC | Customer Concern | |

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 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 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.

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 this vehicle on the RSU VIN list?
 - YES >>> Proceed to [Step 2](#).
 - NO >>> Proceed to [Step 3](#).
2. Does the RFHM have the latest software already installed?
 - YES >>> This bulletin has been completed. Use Inspect LOP (18-19-12-BF) to close the active RSU.
 - NO >>> Proceed to [Step 3](#).
3. ****Remove fuse F08 MOD CLUSTER from the underhood Power Distribution Center (PDC).**
4. Perform a battery disconnect and reconnect. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Standard Procedure.

NOTE: The BUS must be allowed to fully go to sleep during the battery disconnect. Wait six minutes before reconnecting the battery.**
5. Reprogram the RFHM with the latest available software. 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.
6. 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.

NOTE: For SA market only, after applying this TSB, it is not necessary to send DID-I or DID-A.

POLICY:

Reimbursable within the provisions of the warranty.

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