STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

Flash: Radio Frequency Hub Module (RFHM) Updates

REFERENCE:	**TSB:** 08-252-25 REV. A **GROUP:** 08 - Electrical	**Date:**	August 15, 2025	**REVISION:**	08-252-25
VEHICLES AFFECTED:	**2025 (DJ) RAM 2500 Pickup** **This bulletin applies to vehicles built on or before May 28, 2025 (MDH0528XX).**			**MARKET APPLICABILITY:** ☒ NA ☐ MEA ☒ SA ☐ IAP ☐ EE ☐ CH **NOTE: This bulletin applies to North American and South America markets.**	
CUSTOMER SYMPTOM:	**Technicians may experience the following Diagnostic Trouble Code (DTC):** • B22A9-00 - ECU Internal Performance. **NOTE: This DTC will be Active and there are no customer symptoms with this DTC.**				
CAUSE:	**RFHM software**				

This bulletin supersedes Technical Service Bulletin (TSB) 08-252-25, date of issue August 07, 2025, which should be removed from your files. All revisions are highlighted with **asterisks and include a corrected LOP.**

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-164, date of issue August 07, 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.

REPAIR SUMMARY:

This bulletin involves inspecting and possibly updating the RFHM with the latest available software and also possibly replacing the RFHM.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-12-BJ	Module, Radio Frequency Hub (RFH) - Inspect Software Level (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-12-BK	Module, Radio Frequency Hub (RFH) - Inspect and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.
18-19-12-BL	Module, Radio Frequency Hub (RFH) – Replace (0 - Introduction)	6 - Electrical and Body Systems	0.9 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.

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68671484AD	Receiver Hub	

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 customers 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 the vehicle on the RSU VIN list?
   - YES>>> Proceed to Step 2.
   - NO>>> Proceed to Step 3.
2. Is the RFHM programmed to the latest software level?
   - YES >>> This bulletin is complete. Use Inspect LOP (18-19-12-BJ). to close this active RSU.
   - NO >>> Proceed to Step 3.
3. 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.
4. Was the RFHM programmed to the latest software level?
   - YES >>> Proceed to Step 6.
   - NO >>> Proceed to Step 5.
5. Replace the RF hub. Refer to the detailed procedures available in DealerCONNECT > Service Library> under: 08 - Electrical / 8E - Electronic Control Modules / Module, Radio Frequency (RF Hub) / Removal and Installation.
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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