

Technical Service Bulletin (TSB)

Flash: Vehicle System Interface Module (VSIM) Updates

REFERENCE:	TSB: 08-331-26 GROUP: 08 - Electrical	Date:	September 11, 2026	REVISION:	—
VEHICLES AFFECTED:	2025 - 2026 (DJ) RAM 2500 Pickup 2025 - 2026 (DD) RAM 3500 Cab Chassis 2025 - 2026 (DP) RAM 4500/5500 2025 - 2026 (D2) RAM 3500 Pickup This bulletin applies to vehicles built on or before January 10, 2026 (MDH 0110XX) equipped with Upfitter Electronic Module (VSIM) (Sales Code XXS).			MARKET APPLICABILITY: ☒ NA☒ MEA ☐ SA☐ IAP ☒ EE☐ CH NOTE: This bulletin applies to the North America, Enlarged Europe and Middle East & African markets.	
CUSTOMER SYMPTOM:	Customers may experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle may exhibit/set the following Diagnostic Trouble Code (DTC): - B2204-87 - Ecu Configuration Mismatch-Missing Message. Customers may comment on the following: - Odometer is blinking while ignition is on.				
CAUSE:	VSIM software				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 26-168, date of issue September 11, 2026. 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 reprogramming the VSIM with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-19-94	Module, Vehicle System Interface (VSIM) - Inspect (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-19-95	Module, Vehicle System Interface (VSIM) - Inspect and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 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.

NOTE: For EE market only, enter the RSU spending channel for the first 18 months from the date of issue, then apply the W24.

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.

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 VSIM communicating on BUS?
 - YES >>> Proceed to [Step 6](#).
 - NO >>> Proceed to [Step 2](#).
2. Disconnect and isolate the negative battery cable(s). Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Battery / Removal.
3. Disconnect the VSIM connector [Fig 1](#) for 60 seconds and reconnect.

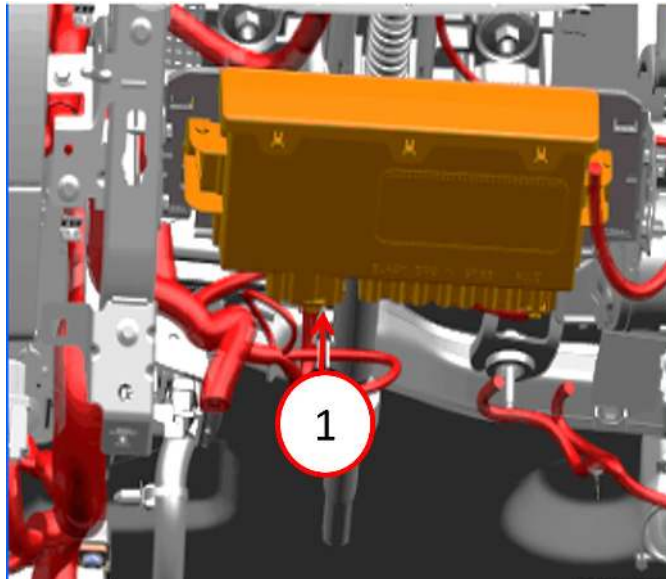


Fig. 1
VSIM

1 - VSIM Connector To Disconnect

4. Connect the negative battery cable(s). Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info> 08 - Electrical / 8F - Engine Systems / Battery System / Battery / Installation.
5. Is the VSIM communicating on BUS?
 - YES >>> Proceed to [Step 6](#).
 - NO >>> Further VSIM Bus communication diagnosis is required and the issue must be repaired before proceeding to [Step 6](#). Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info> 28 - DTC-Based Diagnostics / Communication Diagnostics / Diagnosis and Testing.
6. Is the vehicle on the RSU VIN list?
 - YES>>> Proceed to [Step 7](#).
 - NO>>> Proceed to [Step 8](#).
7. Is the VSIM software updated to the latest version?
 - YES>>> This bulletin is complete. Use Inspect LOP (18-19-19-94) to close this active RSU.
 - NO>>> Proceed to [Step 8](#).

8. Reprogram the VSIM with the latest 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.
9. Turn the ignition OFF, wait 10 seconds, and then turn the ignition ON again. This step must be completed before proceeding to [Step 10](#).
10. 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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