

Technical Service Bulletin (TSB)
Flash: Def Control Unit (DCU) Updates

REFERENCE:	TSB: 08-085-25 GROUP: 08 - Electrical	Date:	March 22, 2025	REVISION:	—
VEHICLES AFFECTED:	2025 (DJ) RAM 2500 Pickup This bulletin applies to vehicles built on or before March 21, 2025 (MDH 0321XX) equipped with Selective Catalytic Reduction (UREA) (Sales Code XAL) and the 6.7L I6 Cummins HO Turbo Diesel Eng (Sales Code ETM).	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input 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"> • P218F-00 - Reductant No Flow Detected. • P249E-00 - Closed Loop SCR Reductant Injection Control At Limit - Flow Too High. <p>Customers may also comment on the following:</p> <ul style="list-style-type: none"> • Reduced acceleration from turbo. 				
CAUSE:	DCU software update				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-045, date of issue March 22, 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 DCU with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-18-9G	Unit, Def Control (DCU) - Inspect Software Level (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
18-19-18-9H	Unit, Def Control (DCU) - Inspect Software Level and Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.
Failure Codes	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.

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.

SPECIAL TOOLS/EQUIPMENT:

Description	Ref. No.	Notes
wiTECH or Equivalent	-	-

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 4](#).
2. Using wiTECH, inspect the DCU software level.
3. Does the DCU have the latest software already installed?
 - YES >>> This bulletin has been completed, use Inspect LOP (18-19-18-9G) to close the active RSU.
 - NO >>> Proceed to [Step 4](#).
4. Reprogram the DCU 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.
5. 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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