

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	TSB: 18-001-25 REV. A GROUP: 18 - Vehicle Performance	Date:	January 24, 2025	REVISION:	18-001-25
VEHICLES AFFECTED:	2024 (DJ) RAM 2500 Pickup 2024 (D2) RAM 3500 Pickup This bulletin applies to vehicles equipped with the: 6.7L I6 Cummins Turbo Diesel Engine (Sales Code ETL). OR 6.7L I6 Cummins HO Turbo Diesel Engine (Sales Code ETM).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH	
CUSTOMER SYMPTOM:	Customers must experience a Malfunction Indicator Lamp (MIL) illumination and the vehicle must exhibit one or more of the following Diagnostic Trouble Codes (DTCs): - P245D - EGR Cooler Bypass Control Circuit High. - P02E3 - Diesel Intake Air Flow Control Circuit High. - P0490 - EGR Control circuit High. - P229F - Aftertreatment NOX Sensor Circuit Performance - Bank 1 Sensor 2. - P0299 - Turbocharger Underboost. - P242F - Diesel Particulate Filter Restriction - Ash Accumulation. - P0128 - Thermostat Rationality. In addition, the following software enhancements are available: - Improved troubleshooting and repair accuracy for air handling components. - Eliminates false faults for air handling actuators.				
CAUSE:	PCM software				

This bulletin supersedes Technical Service Bulletin (TSB) 18-001-25, date of issue January 16, 2024, which should be removed from your files. All revisions are not highlighted with ****asterisks**** and include a new release date.

REPAIR SUMMARY:

This bulletin involves reprogramming the ECM/PCM with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-04-TP	Module, Engine Control (ECM) - Reprogram (0 - Introduction)	10 - Diesel	0.4 Hrs.
Failure Code	CC	Customer Concern	

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer's concern matches the SYMPTOM identified in the Technical Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Technical Service Bulletin flash/reprogramming conditions.

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 the customer describes a symptom/condition or if the technician finds a DTC listed above, 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.

NOTE:

1. Reprogram the ECM/PCM 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.
2. Clear any DTCs that may have been set in any modules 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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