STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)
Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	**TSB:** 18-081-25 **GROUP:** 18 - Vehicle Performance	**Date:**	August 23, 2025	**REVISION:**	18-074-23

VEHICLES AFFECTED:	**2023 (DJ) RAM 2500 Pickup** **This bulletin applies to vehicles equipped with a 6.7L I6 Cummins Turbo Diesel Engine (Sales Code ETL) **and a 6-SPD Automatic 68RFE Transmission (Sales Code DG7)**.**	**MARKET APPLICABILITY:** ☒ NA ☒ MEA ☒ SA ☒ IAP ☒ EE ☐ CH **NOTE: **This bulletin applies to the Enlarged Europe, North America, South America, India & Asia Pacific and Middle East markets**.**
CUSTOMER SYMPTOM:	****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):** • P245D-00 - EGR Cooler Bypass Control Circuit High. • P02E3-00 - Diesel Intake Air Flow Control Circuit High. • P0490-00 - EGR Control Circuit High. • P229F-00 - Aftertreatment NOX Sensor Circuit Performance - Bank 1 Sensor 2. • P0299-00 - Turbocharger Underboost. • P242F-00 - Diesel Particulate Filter Restriction - Ash Accumulation. • P0128-00 - Thermostat Rationality. • P0234-00 - Turbocharger Overboost Condition.** **Customers may also comment on one or more of the following:** • **Engine speed unstable when vehicle is stationary, not in gear and running on high speed governor (max engine speed).** • Longer crank time than normal. • Transmission overheat conditions with a message displayed in the Instrument Panel Cluster (IPC) stating "Transmission oil temperature is too hot".	
CAUSE:	**PCM software**	

This bulletin supersedes Technical Service Bulletin (TSB) 18-074-23, date of issue June 17, 2023, which should be removed from your files. All revisions are highlighted with **asterisks and include new DTCs, Customer Symptom, Market Note, Sales Code, LOP, updated RSU statement, Claims Data, Diagnosis sections and Repair Procedure. Revisions not highlighted with **asterisks** include removal of a vehicle, model year and Sales Code.**

****This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-178, date of issue June 17, 2023. 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 reprogramming the Engine Control Module (ECM/PCM) with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**18-19-04-TS	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 any of the symptoms 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. **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.

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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