

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	TSB: 18-072-24 GROUP: 18 - Vehicle Performance	Date:	September 21, 2024	REVISION:	–
VEHICLES AFFECTED:	2025 (DT) RAM 1500 Pickup This bulletin applies to vehicles built on and before August 31, 2024 (MDH0831XX) equipped with a 3.0L I6 Hurricane HO Twin Turbo ESS (Sales Code EFC) and Base Engine Controller (Sales Code NZE).			MARKET APPLICABILITY: ☒ NA☐ MEA ☐ SA☐ IAP ☐ EE☐ CH	
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): ● P018B - Fuel Pressure Sensor "B" Circuit Range/performance. ● P2AF6 - Starter Relay 3 Stuck Off. ● P1CEA - Boost Side Evap Purge System Performance. ● U0104 - Lost Communication With Cruise Control Module and U0405 - Invalid Data Received From Cruise Control Module may also be set. This software flash will allow these permanent fault codes to naturally clear. NOTE: If the software update is not completed, customers may have issues with registering vehicle in states with inspections due to the MIL being on (Only an issue if U0104/U0405 have set in life of vehicle). Other software improvements: ● Improved to low speed parking lot running behavior such as chugging/bucking/jumpiness.				
CAUSE:	Module software updates				

REPAIR SUMMARY:

This bulletin involves reprogramming the PCM and Ignition System Control Module (ISCM) and the with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-17-AP	Reprogram Powertrain Control Module (PCM) and Ignition System Control Module (ISCM) (0 - Introduction)	1 - Engine Repair And Performance	0.3 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 PCM 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.
2. Reprogram the ISCM 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.
3. 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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