STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	**TSB:** 18-071-23 **GROUP** 18 - Vehicle Performance	**Date:**	June 3, 2023	**REVISION:**	**18-075-21**

VEHICLES AFFECTED:	**2019 (DJ) RAM 2500 Pickup** **2019 (DF) RAM 3500 <10K Cab Chassis** **2019 (D2) RAM 3500 Pickup** **2019 (DD) RAM 3500 Cab Chassis** **2019 (DP) RAM 4500/5500 Cab Chassis** **This bulletin applies to vehicles equipped with a 6.4L V8 Heavy Duty Hemi MDS Engine (Sales Codes ESA or ESB).**	**MARKET APPLICABILITY:** ☒NA ☒MEA ☐SA ☐IAP ☐EE ☐CH
CUSTOMER SYMPTOM:	**Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that one or more of the following Diagnostic Trouble Codes (DTCs) have been set:** • P1404 - EGR Close Position Performance. • P0456 - EVAP System Small Leak. **NOTE:** If DTC P0456 is present use the wiTECH Small Leak Verification test (SLVT) to determine if a leak is present in the system. **In addition, the customer may notice one or more of the following conditions:** • **Power Take Off (PTO) disable to high engine oil temperature (DD DP Only).** • Abrupt gear engagement when transitioning from Park to Drive/Reverse gear state in Power Takeoff (PTO) Mode. • Vehicle hesitation or surge at low vehicle speeds. • Engine hesitation when turning steering wheel to end stop. • Powertrain bump or hesitation around 16-24 kph (10-15 mph) vehicle speed. May be reported as rough or harsh transmission shifting in the same vehicle speed range.	
CAUSE:	**PCM Software**	

This bulletin supersedes Technical Service Bulletin (TSB) 18-075-21, date of issue September 09, 2021, which should be removed from your files. All revisions are highlighted with **asterisks and include additional symptom and LOP.**

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 21-131, date of issue September 09, 2021. 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. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves reprogramming the Powertrain Control Module (PCM) with the latest available software.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**18-19-06-H2	Module, Powertrain Control (PCM) - Reprogram (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 software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
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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