STELLANTIS
PARTS & SERVICES

Technical Service Bulletin (TSB)

Flash: Powertrain Control Module (PCM) Updates

REFERENCE:	**TSB:** 18-002-25 **GROUP:** 18 - Vehicle Performance	**Date:**	January 25, 2025	**REVISION:**	18-067-24
VEHICLES AFFECTED:	**2023 (DT) RAM 1500 Pickup** **This bulletin applies to vehicles equipped with a 5.7L V8 Hemi MDS VVT E-torque Engine (Sales Code EZL).**			**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):** • **P0300 - Multiple Cylinder Misfire. • P0301 - Cylinder 1 Misfire. • P0304 - Cylinder 4 Misfire. • P0306 - Cylinder 6 Misfire. • P0307 - Cylinder 7 Misfire. • P3400 - Cylinder Deactivation System - Bank 1. • P3497 - Cylinder Deactivation System - Bank 2. • P3401 - Cylinder 1 Deactivation Control Circuit. • P3425 - Cylinder 4 Deactivation Control Circuit. • P3441 - Cylinder 6 Deactivation Control Circuit. • P3449 - Cylinder 7 Deactivation Control Circuit. • P1411 - Cylinder 1 Reactivation Control Performance. • P1414 - Cylinder 4 Reactivation Control Performance. • P1416 - Cylinder 6 Reactivation Control Performance. • P1417 - Cylinder 7 Reactivation Control Performance.** • P2097 - Downstream Fuel Trim System 1 Rich. • P219A - Bank 1 Air-Fuel Ratio Imbalance. • P1524 - Oil Pressure Out Of Range - Camshaft Advance/Retard Disabled. ****Customers may experience the following:** • Noticeable rough idle and/or misfire during engine warm up.**				
CAUSE:	**PCM Software**				

This bulletin supersedes Technical Service Bulletin (TSB) 18-067-24, date of issue August 13, 2024, which should be removed from your files. All revisions are highlighted with **asterisks and include new DTCs and an updated Customer Symptom and new LOP.**

REPAIR SUMMARY:

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

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
**18-19-06-AT	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair And Performance	0.2 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. 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.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.