

Technical Service Bulletin (TSB)
Flash: Ignition System Control Module (ISCM) Updates

REFERENCE:	TSB: 08-055-25 REV. A GROUP: 08 - Electrical	Date:	March 5, 2025	REVISION:	08-055-25
VEHICLES AFFECTED:	2025 (DT) RAM 1500 Pickup This bulletin applies to vehicles built on or before January 07, 2025 (MDH 0107XX) equipped with a 3.0L 16 Hurricane HO Twin Turbo ESS (Sales Code EFC).			MARKET APPLICABILITY: ☒ NA☐ IAP ☒ **SA**☐ CH ☐ EE ☒ **MEA **	
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): - P2C30-00 - Ignition Coil Primary Circuit Fuse A. - P2C31-00 - Ignition Coil Primary Circuit Fuse B. - P0300-00 - Multiple Cylinder Misfire. - P0301-00 - Cylinder 1 Misfire Detected. - P0302-00 - Cylinder 2 Misfire Detected. - P0303-00 - Cylinder 3 Misfire Detected. - P0304-00 - Cylinder 4 Misfire Detected. - P0305-00 - Cylinder 5 Misfire Detected. - P0306-00 - Cylinder 6 Misfire Detected. - P0420-00 - Catalyst System Efficiency Below Threshold Bank 1. - P0430-00 - Catalyst System Efficiency Below Threshold Bank 2. Customers may also comment on the following: - Engine hesitates/misfires.				
CAUSE:	ISCM software				

This bulletin supersedes Technical Service Bulletin (TSB) 08-055-25, date of issue February 27, 2025, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include an updated Repair Summary and new market.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 25-027, date of issue March 05, 2025. 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 ISCM with the latest available software.****

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
18-19-33-94	Ignition System Control Module (ISCM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	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 Diagnostic Trouble Codes (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 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.
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.

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