



NUMBER: 18-128-22

GROUP: 18 - Vehicle Performance

DATE: July 8, 2022

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SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

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

NOTE: PCM software related to this Technical Service Bulletin (TSB) is included within the Y43 Recall. If not already completed, please perform the Y43 recall if the vehicle is on the recall VIN list. For all other vehicles perform the Repair Procedure below.

MODELS:

2022	(DD)	RAM 3500 Cab Chassis
2022	(DP)	RAM 4500/5500 Cab Chassis

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles built on or before April 11, 2022 (MDH 0411XX) equipped with a 6.7L I6 Cummins Turbo Diesel Engine (Sales Code ETN).

SYMPTOM/CONDITION:

Customers may experience the following:

- Idle Instability.

The following improvements are also included in this update:

- wiTECH routine improvement, fuel system run-up test.
- wiTECH routine improvement, aftertreatment system performance test.
- Power Take Off (PTO) system improvements.

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 the symptom/conditions listed above, perform the Repair Procedure.

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.

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1. Reprogram the PCM/ECM 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 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.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-04-TA	Module, Engine Control (ECM) - Reprogram (0 - Introduction)	10 - Diesel	0.4 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 10 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this Technical Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION 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.

CC	Customer Concern
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