



NUMBER: 18-035-22 REV. A

GROUP: 18 - Vehicle Performance

DATE: October 27, 2022

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This bulletin supersedes Technical Service Bulletin (TSB) 18-035-22, date of issue February 17, 2022, which should be removed from your files. All revisions are highlighted with **asterisks**** and include additional model, sales code, symptom condition and LOP.**

SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

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

MODELS:

**2022	(DP)	RAM 4500/5500 Cab Chassis **
2022	(DJ)	RAM 2500 Pickup
2022	(D2)	RAM 3500 Pickup
2022	(DD)	RAM 3500 Cab Chassis
2022	(DF)	RAM 3500 <10K LB. Cab Chassis

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

NOTE: **This bulletin applies to vehicles equipped with a 6.4L V8 Heavy Duty Hemi MDS Engine (Sales Code ESB) with:****

- **DD/DP vehicles built on or after December 21, 2021 (MDH 1221XX) equipped with 6SPD Auto Aisin AS66RC HD Trans (Sales Code DF3).**
- **DD/DJ/D2 or DF vehicles equipped with an 8-Speed Auto 8HP75-LCV Transmission (Sales Code DFX).********

SYMPTOM/CONDITION:

The customer may experience one or more of the following:

- ****Customer may complain of slow PTO idle ramp up.**
- **Message will appear "Hot Oil" and exit high idle or PTO mode, when in high idle or PTO mode and running between 10-30 minutes (no load).** ******
- **High frequency exhaust noise at idle after cold start.**

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 (DTC)s or symptom conditions, other than the ones listed 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/condition listed above or if the technician finds the DTC, 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.

1. Reprogram the PCM with the latest available 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.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-98	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair and Performance	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 7 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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