

<b>REFERENCE:</b>	<b>TSB:</b> 18-017-23 <b>GROUP</b> 18 - Vehicle Performance	<b>Date:</b>	February 7, 2023	<b>REVISION:</b>	—
<b>VEHICLES AFFECTED:</b>	<p>2021 (DJ) RAM 2500 Pickup                  2021 (D2) RAM 3500 Pickup                  2021 (DF) RAM 3500 &lt;10K LB. Chassis                  2021 (DD) RAM 3500 Cab Chassis                  2021 (DP) RAM 4500/5500 Cab Chassis</p> <p>This bulletin applies to vehicles equipped with a 6.4L V8 Heavy Duty Hemi MDS Engine (Sales Code ESB) with:</p> <ul style="list-style-type: none"> <li>DD/DP vehicles equipped with Six-speed Auto Aisin AS66RC HD Trans (Sales Code DF3).</li> <li>DP/DD/DJ/D2 or DF vehicles equipped with an 8-Speed Auto 8HP75 - LCV Transmission (Sales Code DFX).</li> </ul>	<b>MARKET APPLICABILITY:</b>			
<b>CUSTOMER SYMPTOM:</b>	<p><b>Customer or technician may experience the following:</b></p> <ul style="list-style-type: none"> <li>High frequency exhaust noise at idle after cold start.</li> <li>Power Take Off (PTO) disable to high engine oil temperature.</li> <li>Multiple Displacement System (MDS) transition causing a transmission clunk noise under light throttle when coasting in fourth gear.</li> </ul>				
<b>CAUSE:</b>	PCM software.				

**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-GS	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 the symptom/condition listed above 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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