



NUMBER: 18-056-19 REV. A

GROUP: 18 - Vehicle Performance

DATE: October 22, 2019

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This bulletin supersedes Service Bulletin 18-056-19, dated July 3, 2019, which should be removed from your files. All revisions are highlighted with **asterisks**** and include updated build dates. additional symptom/conditions and LOP.**

SUBJECT:

Flash: Powertrain Control Module (PCM) Updates

OVERVIEW:

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

MODELS:

2019	(D2)	RAM 3500 Pickup
2019	(DD)	RAM 3500 Cab Chassis
2019	(DF)	RAM 3500 <10K Cab Chassis
2019	(DJ)	RAM 2500 Pickup

NOTE: This bulletin applies to vehicles within the following markets/countries: North America and EMEA (Middle East Only).

NOTE: This bulletin applies to vehicles built on or before ****September 23, 2019 (MDH 0923XX)**** equipped with a 6.4L V8 Heavy Duty Hemi MDS Engine (Sales Codes ESA or ESB) and an 8-SPD Auto 8HP75-LCV Transmission (Sales Code DFX).

SYMPTOM/CONDITION:

The customer may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find the following Diagnostic Trouble Code (DTC) has been set:

- P0456 - EVAP System Small Leak.

****In addition, the customer may notice one or more of the following conditions:**

- Vehicle hesitation or surge at low vehicle speeds.
- Engine hesitation when turning steering wheel to end stop.
- Powertrain bump or hesitation around 16-24 kph (10-15 mph) vehicle speed. May be reported as rough or harsh transmission shifting in the same vehicle speed range.**

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 are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer describes the symptom/condition listed above or if the technician finds DTCs, 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-AK	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 Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the 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 Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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