SERVICE BULLETIN

NUMBER: 18-081-16

GROUP: Vehicle Performance

DATE: July 09, 2016

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-109-15, DATED DECEMBER 18, 2015, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDE A NEW DIAGNOSTIC TROUBLE CODES (DTCs), ADDITIONAL ENGINE, BUILD DATE, MARKET INFO AND LOP.**

FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:
Flash: Diagnostic And System Improvements

OVERVIEW:
This bulletin involves reprogramming the Powertrain Control Module (PCM) with updated software.

MODELS:

2016	(DJ)	Ram 2500 Pickup
2016	(D2)	Ram 3500 Pickup

NOTE: **This bulletin applies to vehicles within the following markets/countries: NAFTA, LATAM, EMEA and APAC.**

NOTE: This bulletin applies to vehicles built on or before **June 26, 2016 (MDH 0626XX) equipped with 5.7L V8 HEMI VVT Engine (Sales Code EZC) ** or a 5.7L V8 HEMI CNG Engine (Sales Code EZF).****

SYMPTOM/CONDITION:
Customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following DTCs have been set:

- **P0335 - Crankshaft Position Sensor Circuit.
- P2610 - PCM Internal Engine Off Timer Performance.**
- P0456 - EVAP System Small Leak.

DIAGNOSIS:
Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If DTCs other than the ones listed are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the technician finds the DTC during normal diagnostics, 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 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
**18-19-06-LD	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	1 - Engine Repair and Performance	0.2 Hrs.**

NOTE: The expected completion time for the flash download portion of this procedure is approximately 5 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:
The dealer must choose which failure code to use. If the customer came in with an issue and if the dealer finds a software update to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash