SERVICE BULLETIN

NUMBER: 18-006-16 REV. B

GROUP: Vehicle Performance

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-006-16 REV. A, DATED JUNE 16, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDE AN ADDITIONAL DIAGNOSTIC TROUBLE CODE (DTC), BUILD DATE 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: Powertrain Diagnostic And System Enhancements

OVERVIEW:

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

MODELS:

2016	(DS)	RAM 1500 Pickup

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

NOTE: This bulletin applies to vehicles built on or before **June 30, 2016 (MDH 0630XX) equipped with a 3.6L V6 24V VVT Engine (Sales Code ERB) or equipped with a 3.6L V6 24V VVT Engine W/ESS (Sales Code ERT) equipped with a 8-SPD Automatic 845RE Transmission (Sales Code DFL) or equipped with a 5.7L V8 Hemi MDS VVT Engine (Sales Code EZH), equipped with a 8-SPD Automatic 8HP70 Transmission (Sales Codes DFK or DFD) or equipped with a 6-SPD Automatic 65RFE Transmission (Sales Code DG1).**

SYMPTOM/CONDITION:
Some customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following DTCs:

- **P2299 - Brake Pedal Position/Accelerator Pedal Position Incompatible.**
- P0335 - Crankshaft Position Sensor Circuit.
- P2610 - PCM Internal Engine Off Timer Performance (5.7L Engine).
- P0456 - EVAP System Small Leak.
- P1D73 - Active Grill Shutter (AGS) Performance.

In addition to the above DTCs, this software release also includes:

- Improved shift quality during initial operations of a vehicle in cold ambient temperatures (5.7L Engine).
- Improved key-on engine-off oil pressure lamp behavior.

DIAGNOSIS:
Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, 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.

For all other customers that describe the symptom/condition, or if the technician finds any of the DTCs 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.

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-LJ	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 the dealer found updated software 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