



NUMBER: 18-109-15

GROUP: Vehicle Performance

DATE: December 18, 2015

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HELP USING THE wiTECH DIAGNOSTIC APPLICATION FOR FLASHING AN ECU IS AVAILABLE BY SELECTING “HELP” THEN “HELP CONTENTS” AT THE TOP OF THE wiTECH DIAGNOSTIC APPLICATION WINDOW.

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

SUBJECT:

Flash: 5.7L 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 built on or before November 09, 2015 (MDH 1109XX) equipped with 5.7L V8 HEMI VVT Engine (sales code EZC).

SYMPTOM/CONDITION:

A small number of customers may experience one or more of the symptoms/conditions listed below or a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find that any of the following Diagnostic Trouble Codes (DTCs) have been set. If any of the following DTCs have been set, perform the Diagnosis.

- P0456 Evap System Small Leak.
- P2610 - PCM Internal Engine Off Timer Performance.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify that all engine systems are functioning as designed. If DTCs other than the one listed above 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 "HELP" tab on the upper portion of the wiTECH window, then "HELP CONTENTS." This will open the Welcome to wiTECH Help screen where help topics can be selected.
2. Clear any 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-HA	Module, Powertrain Control (PCM) - Reprogram (0 - Introduction)	8 - Engine 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