SERVICE BULLETIN

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GROUP: Vehicle Performance

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 18-001-14, DATED JANUARY 16, 2014 WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDE ADDITIONAL SOFTWARE ENHANCEMENTS FOR VEHICLES EQUIPPED WITH THE 5.7 GAS ENGINE (SALES CODE EZC) AS WELL AS NEW LABOR OPS.**

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 LEVEL MUST BE AT **15.02 OR HIGHER TO PERFORM 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:

2013	(DS)	Ram 1500
2013	(DJ)	Ram 2500
2013	(D2)	Ram 3500 Pickup
2013	(DD)	Ram 3500 Cab Chassis

NOTE: **This bulletin applies to the following vehicles:

- **DS vehicles equipped with a 5.7L engine (sales code EZH) or a 4.7L engine (sales code EVE) built on or before July 18, 2013 (MDH 0718XX)**
- **D2, DJ, and DD vehicles equipped with a 5.7L engine (sales code EZC) covering all of model year 2013****

SYMPTOM/CONDITION:
A small number of customers may experience a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the Technician may find that the following Diagnostic Trouble Code (DTC) has been set:

- P0456 - Evap System Small Leak

** In addition, the following software enhancements are available for D2, DJ, and DD vehicles equipped with a 5.7L engine (sales code EZC)

- Transmission torque management enhancement when shifting from drive to reverse.
- Additional powertrain enhancements to the intake manifold Short Runner Valve (SRV) system.
- Additional powertrain enhancements for block heater applications (sales code NHK).**

DIAGNOSIS:
Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all vehicle systems are functioning as designed. If DTCs, other than the one 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 an issue related to the systems listed or if the technician finds the DTC, 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 “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.

NOTE: **After PCM reprogramming, the following must be performed:**

2. Clear any DTCs that may have been set in other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.

POLICY:
Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-06-AU	Module, Powertrain Control (PCM) - Reprogram (**DS Only**) (0 - Introduction)	8 - Engine Performance	0.2 Hrs.
18-19-06-AV	Module, Powertrain Control (PCM) - Reprogram (**D2, DJ, DD Only**) (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:

FM	Flash Module