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GROUP: Vehicle Performance
DATE: November 18, 2014

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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 LEVEL MUST BE AT 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: 5.7L Powertrain Diagnostic And System Improvements

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the Powertrain Control Module (PCM) with new software.

MODELS:

2015	(WK)	Jeep Grand Cherokee
2014	(WD)	Dodge Durango

NOTE: This bulletin applies to vehicles equipped with a 5.7L engine (sales code EZH) built on or before October 9, 2014 (MDH 1009XX).

SYMPTOM/CONDITION:

The following powertrain system improvements/enhancements are included in this software release. These symptoms are broken down by vehicle.

2015 WK

- Enhancements to improve a slight lag or hesitation during Multi Displacement System (MDS) mode transitions.
- Enhancements to improve a slight drop in engine RPM when the vehicle is shifted to reverse or drive within 3 seconds of a cold start.
- Malfunction Indicator Lamp (MIL) illuminated with Diagnostic Trouble Code (DTC) U0140-00 - Lost Communication with Body Control Module (BCM).

2014 WD

- Enhancements to improve a slight drop in engine RPM when the vehicle is shifted to reverse or drive within 3 seconds of a cold start.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine 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.

If the customer describes the symptom/condition or if the technician finds the DTC 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 "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 any 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-AP	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 3 minutes. Actual flash download times may be effected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module
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