



**NUMBER:** 21-006-13

**GROUP:** Transmission and Transfer Case

**DATE:** July 25, 2013

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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 RELEASE 13.04 OR HIGHER TO PERFORM THIS PROCEDURE.**

**SUBJECT:**

Flash: Transmission Performance Enhancements

**OVERVIEW:**

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

**MODELS:**

2009 - 2012	(WK)	Grand Cherokee
2009 - 2010	(WH)	Grand Cherokee (International)
2009 - 2010	(XK)	Commander
2009 - 2010	(XH)	Commander (International)
2011 - 2012	(WD)	Durango

**NOTE: This bulletin applies to vehicles equipped with a 5.7L engine (sales code EZH).**

**SYMPTOM/CONDITION:**

A small number of customers may experience any of the following:

- Erratic or inconsistent initial 2-3 upshift(**3-4 upshift on 2012 MY vehicles**)
- Sluggish performance during low speed/rolling stop maneuvers(**2012 MY vehicles only**)

**Transmission Enhancements** are also included with this software release. These changes include the following:

- Enhanced torque converter lock-up schedule to reduce transmission operating temperatures(**2009 MY vehicles only**)

**DIAGNOSIS:**

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in

TechCONNECT, verify all engine systems are functioning as designed. If DTC's 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 customer describe the symptom/condition or if the technician finds the DTC, perform the Repair Procedure.

**PARTS REQUIRED:**

Qty.	Part No.	Description
1	04275086AB	Label, Authorized Modification

**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. Follow the detailed service procedures available in DealerCONNECT/TechCONNECT, Refer To Group 8 - Electrical > Electronic Control Modules - Service Information > Module - Powertrain Control > Standard Procedures > PCM/ECM Programming.
2. **After PCM reprogramming, the following must be performed:**clear any DTC's 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.
3. Type the necessary information on the "Authorized Modification Label" and attach it near the VECI label.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-06-V6	Module, Powertrain Control (PCM) - Reprogram (1 - Semi-Skilled)	8 - Engine Performance	0.2 Hrs.

**FAILURE CODE:**

FM	Flash Module
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