



**NUMBER:** 21-011-14

**GROUP:** Transmission and Transfer Case

**DATE:** April 04, 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 RELEASE 14.03 OR HIGHER TO PERFORM THIS PROCEDURE.**

**SUBJECT:**

Flash: Improved Medium to Heavy Throttle Downshift Response

**OVERVIEW:**

This bulletin involves flash reprogramming of the Transmission Control Module (TCM) with new software.

**MODELS:**

2014                      DS                                      Ram 1500

**NOTE: This bulletin applies to vehicles built before January 27, 2014 (MDH 0127XX) equipped with a 5.7L engine (Sales Codes EZH) equipped with the 8HP70 8-Speed automatic transmission (Sales Code DFD).**

**SYMPTOM/CONDITION:**

Customers may indicate that the vehicle does not downshift quick enough under medium to heavy throttle.

**DIAGNOSIS:**

If the customer describes the symptom, 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. Using the wiTECH, reprogram the TCM with the latest software. 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.
2. 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.

**NOTE: Do not clear the adaptation memory cells in the TCM's memory. This action may cause the transmission to not shift smoothly until the adaptation memory cells are re-learned.**

***POLICY:***

Reimbursable within the provisions of the warranty.

***TIME ALLOWANCE:***

Labor Operation No:	Description	Skill Category	Amount
18-19-05-9U	Module, Transmission Control (TCM) - Reflash - (1 - Semi-Skilled)	2- Automatic Transmission	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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