



**NUMBER:** 21-006-15

**GROUP:** Transmission and Transfer Case

**DATE:** January 30, 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 LEVEL MUST BE AT 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.**

***SUBJECT:***

Flash: 845RE Transmission Shift Enhancements

***OVERVIEW:***

This bulletin involves reprogramming the Transmission Control Module (TCM) with the latest available software.

***MODELS:***

2015 (LA) Dodge Challenger

**NOTE: This bulletin applies to vehicles on or after July 1, 2014 (MDH 0701XX) and on or before November 4, 2014 (MDH 1104XX) equipped with a 3.6L engine (sales code ERB) and equipped with an 845RE automatic transmission (sales code DFL).**

***SYMPTOM/CONDITION:***

A small number of customers may experience one or more of the following concerns.

- Less than desired downshift timing (longer time to downshift than expected).
- Less than desired downshift feel during coasting decelerations and while passing.
- Less than desired shift feel when shifting from reverse to drive or drive to reverse while the vehicle is stationary (i.e. garage shift).
- Less than desired upshift feel during normal non-aggressive driving.
- Less than desired powertrain performance at higher altitudes.
- Less than desired paddle shifter operation.

**DIAGNOSIS:**

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

**NOTE: Do not clear the adaptation memory cells in the TCM's memory. Clearing the memory cells may cause the transmission to not shift smoothly until they can be fully relearned.**

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
18-19-05-A2	Module, Transmission Control (TCM) - Reprogram (0 - Introduction)	2- Automatic Transmission	0.2 Hrs.

**NOTE: The expected completion time for the flash download portion of this procedure is approximately 2 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.**

**FAILURE CODE:**

FM	Flash Module
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