



NUMBER: 21-024-14

GROUP: Transmission and Transfer Case

DATE: July 25, 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 15.01 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Flash: Transmission Shift Enhancements

OVERVIEW:

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

MODELS:

2014	LD	Charger
2014	LX	300

NOTE: This bulletin applies to vehicles built on or before March 21, 2014 (MDH 0321XX) equipped with the WA580 Automatic Transmission (Sales Codes DGJ).

SYMPTOM/CONDITION:

The following Transmission Control Module (TCM) calibration improvements are available for vehicles equipped with WA580 Automatic Transmission (Sales Code DGJ).

3.6L Engine

- Poor powertrain response or performance when trying to accelerate from moderate vehicle speed in HOT ambient temperature conditions.
- Short shifting or surging during near to WOT accelerations with mild ambient temperature conditions .
- Transmission does not maintain vehicle set speed when cruise control is active and vehicle is traveling down steep grades.
- Hanging in gear complaints during HOT ambient temperature condition or when aggressively driving and WOT throttle is requested.

5.7L Engine

- Hanging in gear complaints during HOT ambient temperature condition or when aggressively driving and WOT throttle is requested.

DIAGNOSIS:

Using a Scan Tool (wiTECH™) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no Diagnostic Trouble Codes (DTC's) are set. If DTC's are present record them on the repair order and repair as necessary before proceeding further with this bulletin.

If any of the above conditions are present, 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 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 DTC's 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
18-19-05-C9	Module, Transmission Control (TCM) - Reprogram (1 - Semi-Skilled)	2 - Automatic Transmission	0.2 Hrs.

FAILURE CODE:

FM	Flash Module
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