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GROUP: Heating & Air
Conditioning

DATE: September 17, 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:

HVAC Blower Intermittently Reduces Blower Speed When Set On High

OVERVIEW:

This bulletin involves selectively erasing and reprogramming the HVAC Module with new software.

MODELS:

2014	(LD)	Charger
2014	(LX)	300

NOTE: This bulletin applies to vehicles built on or before July 30, 2014 (MDH 0730XX) equipped with AIR Conditioning W/Dual Zone Temp Control (sales code HAD) or AIR Conditioning ATC W/Dual Zone Temp Control (sales code HAF).

SYMPTOM/CONDITION:

Customers may experience reduced blower speed when HVAC blower is set to high on MTC vehicles or while using high blower in manual mode on ATC vehicles.

Updating the HVAC software will correct this condition.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all HVAC systems are functioning as designed. If DTCs are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the above condition is 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. The wiTECH Diagnostic Application for flashing a HVAC is made available through the wiTECH Diagnostic Application. For instructions select the "HELP" tab on 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 other modules due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow the tech to clear them.
3. Perform the Actuator Calibration Test routine found under the Systems Test tab in the HVAC control module view in the wiTECH Diagnostic Application.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-62-9D	Module, Automatic Temperature Control (ATC) - Reprogram (1 - Semi-Skilled)	7- A/C and Heating	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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