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GROUP: Electrical

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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 15.04 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

Mirror Fold/Unfold Switch Inoperative

OVERVIEW:

This bulletin involves updating the Driver Door Module (DDM) and the Passenger Door Module (PDM) with the latest software.

MODELS:

2015	(DJ)	Ram 2500 Pickup
2015	(D2)	Ram 3500 Pickup

NOTE: This bulletin applies to vehicles built on or after March 8, 2015 (MDH 0308XX) and on or before May 5, 2015 (MDH 0505XX) equipped with Trailer Tow Mirrors (Sales Code LEG) and Power Folding Mirrors (Sales Code LER).

SYMPTOM/CONDITION:

The customer may describe the mirrors fold/unfold switch inoperative. On further inspection the Technician may find Diagnostic Trouble Codes (DTC) B1F05-11 - Electrochromatic Mirror Control Circuit - Short To Ground.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all engine 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 listed 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 Driver Door Module (DDM) and the Passenger Door Module (PDM) 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. Perform the door module learn procedures. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 08 - Electrical> 8E - Electronic Control Modules> MODULE, Door> Module Programming.
3. Clear all DTCs that may have been set in any module due to reprogramming. The wiTECH application will automatically present all DTCs after the flash and allow them to be cleared.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-14-96	Module, Door (DDM and PDM) - Reprogram (0 - Introductory)	6 - Electrical and Body Systems	0.2 Hrs.

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

FAILURE CODE:

The dealer must choose which failure code to use. If the customer came in with an issue and the dealer found updated software to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, than failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash