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GROUP: 08 - Electrical

DATE: June 23, 2017

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FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.

THE wiTECH SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.

SUBJECT:

Flash: BCM Diagnostic and System Improvements

OVERVIEW:

This bulletin involves reprogramming the Body Control Module (BCM) with the latest available software.

MODELS:

2015	(WK)	Jeep Grand Cherokee
2015	(WD)	Dodge Durango
2015	(W2)	Jeep Grand Cherokee

NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA, EMEA and LATAM.

NOTE: This bulletin applies to vehicles built with Halogen Headlamps (Sales Code LMB) or Halogen Quad Headlamps (Sales Code LME).

SYMPTOM/CONDITION:

The customer may describe the headlamps flicker while operating at night. This condition may be more prevalent after the bulb(s) have been replaced with an aftermarket bulb.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify all related systems are functioning as designed. If Diagnostic Trouble Codes (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 BCM with the latest software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application's "HELP" tab.
2. Clear any 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.
3. Using wiTECH reconfigure the vehicle. This routine is available under the 'Diagnostic Procedures' tab found on the home page of wiTECH. Select Restore Vehicle Configuration.

NOTE: If the flash failed an active DTC may set, B1488-00 Cabin EQ Mismatch Performance. Reprogramming the AMP will change the DTC status from active to stored and then the DTC can be cleared.

4. Turn off the vehicle, unplug the wiTECH and open and close the driver's door. Let all modules go to sleep (this should take about a minute).

NOTE: If either DTC listed above are active after attempting to clear from the AMP, replace the corresponding speaker in accordance with service information, current published warranty guidelines, and labor times.

5. Reconnect wiTECH and clear any DTCs which may have been set during the reconfiguration.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-CJ	Module, Body Control Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.3 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 1 minute. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

The dealer must use failure code CC with this Service Bulletin.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- When utilizing this failure code, the 3C's (customer's concern, cause and correction) must be provided for processing Service Bulletin flash/reprogramming conditions.

CC	Customer Concern
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