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GROUP: 08 - Electrical

DATE: September 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:

2016	(WK)	Jeep Grand Cherokee
2016	(WD)	Dodge Durango
2016	(W2)	Jeep Grand Cherokee (CKD)

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

NOTE: This bulletin applies to vehicles built on or before July 18, 2016 (MDH 0718XX) with Halogen Headlamps (Sales Code LMB) or Halogen Quad Headlamps (Sales Code LME).

SYMPTOM/CONDITION:

The customer may describe one or more of the following symptom/conditions:

- The headlamps flicker while operating at night. This condition may be more prevalent after the bulb(s) have been replaced with an aftermarket bulb.
- Customers with Diesel engine equipped vehicles may experience cancelled remote start request during winter months.

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 re-configure the vehicle. This routine is available under the 'Diagnostic Procedures' tab found on the home page of wiTECH. Select Restore Vehicle Configuration.
4. Turn off the vehicle, unplug the wiTECH and open then close the driver's door. Let all modules go to sleep (this should take about a minute).
5. Reconnect wiTECH and clear any DTCs which may have been set during the re-configuration.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-19-02-CR	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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