



NUMBER: 08-060-16

GROUP: Electrical

DATE: May 11, 2016

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SUBJECT:

Electronic Parking Brake Module Connector Water Intrusion

OVERVIEW:

This bulletin involves inspecting the parking brake module wiring harness connection for terminal corrosion and if needed, replacing the connector.

MODELS:

2014 - 2016 (KL) Jeep Cherokee

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

NOTE: This bulletin applies to vehicles built on or before February 15, 2016 (MDH 0215XX).

SYMPTOM/CONDITION:

The customer may describe that the Electronic Parking Brake (EPB) may not release and a service message is present with a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find one or more of the following Diagnostic Trouble Codes (DTCs):

- C008E-00 - ECU Internal Performance.
- C10CD-01 - Electronic Park Brake Switch - General Electrical Failure.
- C10ED-00 - Electronic Park Brake Switch LED.

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 or if the technician finds the DTC, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68256811AA	Module, Electronic Parking Brake Connector
1 (AR)	68265141AB	Module, Electronic Parking Brake 2015 - 2016 (KL)
1 (AR)	68148902AE	Module, Electronic Parking Brake 2014 (KL)

REPAIR PROCEDURE:

1. The Electronic Parking Brake (EPB) module is located in the back left side of the cargo area interior, near the spare tire (Fig. 1) and is attached by a slide locking retainer and fastener.



Fig. 1 Location of EPB Module

- 1 - Storage Bin
- 2 - EPB Module Location (Shown with Load floor Support Removed)

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2. Remove EPB module hold down nut.

3. Remove the storage bin and pull EPB Module and connector through opening (Fig. 2).



Fig. 2 Pull EPB Module and Connector Through Cutaway For Inspection

1 - EPB Module and Connector Pulled Through Cutaway

4. Remove the connector and inspect for terminal corrosion (Fig. 3).



Fig. 3 Connector Face Inspection

1 - Check Connectors for Corrosion

5. Is there evidence of corrosion on the terminal(s)?
 - a. YES>>> Proceed to [Step #6](#).
 - b. NO>>> This Bulletin does not apply. Normal diagnosis should be performed.
6. Remove interior trim panels to allow access to the harness for EPB connector pigtail replacement ([Fig. 4](#)).



Fig. 4 Interior Trim Panels Removed For Access

- 1 - Wire/Cable Hold-down
 - 2 - EPB Module
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7. Replace EPB Module and connector.

CAUTION: The orange and yellow wires are a twisted pair for shielding purposes, take care to continue twist and at the same rate for the orange and yellow wires.

8. Perform EPB verification test Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 28 - DTC-Based Diagnostics>MODULE, Electronic Park Brake (EPB)>Standard Procedure>EPB VERIFICATION TEST).

NOTE: If this Electronic Control Unit (ECU) is being replaced with a new unit, a diagnostic scan tool MUST be used to align the PROXI configuration data into the new ECU. Follow the routine outlined in the diagnostic scan tool for PROXI Configuration Alignment, under Body Control Module (BCM) “Miscellaneous Functions” menu.

9. Clear all DTCs that may have been set. 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
08-19-85-90	Inspect Electronic Parking Brake Module (EPB) Wiring Harness Connector for Corrosion (2 - Skilled)	6 - Electrical and Body Systems	0.3 Hrs.
08-19-85-91	Replace Electronic Parking Brake Module (EPB) Wiring Harness Connector (2 - Skilled)	6 - Electrical and Body Systems	1.7 Hrs.

FAILURE CODE:

ZZ	Service Action
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