



NUMBER: 08-011-15

GROUP: Electrical

DATE: January 27, 2015

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-093-13 REV. A, DATED DECEMBER 13, 2013, WHICH SHOULD BE REMOVED FROM YOUR FILES. THIS IS A COMPLETE REVISION AND NO ASTERISKS HAVE BEEN USED TO HIGHLIGHT REVISIONS.

THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 13-087. ALL APPLICABLE SOLD AND UN-SOLD RRT VIN'S HAVE BEEN LOADED. TO VERIFY THAT THIS RRT SERVICE ACTION IS APPLICABLE TO THE VEHICLE, USE VIP OR PERFORM A VIN SEARCH IN TECHCONNECT. ALL REPAIRS ARE REIMBURSABLE WITHIN THE PROVISIONS OF WARRANTY.

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 15.02 OR HIGHER TO PERFORM THIS PROCEDURE.

SUBJECT:

B2128-17 - Sensor Supply Voltage - Circuit Voltage Above Threshold And/Or U045A-86 - Implausible Data Received From Parking Assist Module - Signal Invalid

OVERVIEW:

This bulletin involves updating the Park Assist Module (PAM) software.

MODELS:

2014 (KL) Jeep Cherokee

NOTE: This bulletin applies to vehicles built on or before April 13, 2014 (MDH 0413XX) equipped with Parallel & Perp Park Assist W/Stop (sales code XH5) and or ParkSense FT/RR Park Assist W/Stop (sales code XH4) or ParkSense RR Park Assist W/Stop (sales code XH3).

SYMPTOM/CONDITION:

Some customers may comment that when pressing the Parallel and/or Perpendicular Park Assist button when the vehicle is stopped (during stop/start event) it will not illuminate. Additionally the customer may experience a false park assist detection. This is caused by ground reflections, on vehicles equipped with XH3 or XH4. If the customer wish to do a Parallel and/or Perpendicular Park Assist (PPPA) maneuver and they push the PPPA button, then the cluster may display, "Active ParkSense Temporarily Unavailable". This is an intermittent condition and will only last for one key cycle. On further inspection the technician may find DTC U045A-86 - Implausible Data Received From Parking Assist Module - Signal Invalid and/or a B2128-17 - Sensor Supply Voltage - Circuit Voltage Above Threshold set in the PAM.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT. If PAM module Diagnostic Trouble Codes (DTCs) are present, other than the ones listed above record them on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RRT VIN list, perform the repair. For all other customers that describe the symptom/condition listed above or if the technician finds the DTC, 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 PAM with the latest 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. Using wiTECH, perform a Restore BCM Proxi Configuration. This routine is available under the 'Vehicle Preparations' tab found on the home page of wiTECH.
3. Turn off the ignition and let the modules go to sleep.
4. Turn on the ignition and clear any DTCs that may have been set in all modules due to reprogramming.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
18-20-05-95	Module, Park Assist Control (PTS-PAM) - Reprogram (0 - Introduction)	6 - Electrical and Body System	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 4 minutes. Actual flash download times may be affected by vehicle connection and network capabilities.

FAILURE CODE:

FM	Flash Module
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