



NUMBER: 08-009-17 REV. A

GROUP: 08 - Electrical

DATE: December 13, 2017

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-009-17, DATED JANUARY 26, 2017, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS**** AND INCLUDE REVISED BUILD DATE, NEW SYMPTOM/CONDITION AND LOP.**

THIS SERVICE BULLETIN IS ALSO BEING RELEASED AS RAPID RESPONSE TRANSMITTAL (RRT) 16-093. 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.

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: Park Assist Module (PAM) Diagnostic and System Improvements

OVERVIEW:

This bulletin involves reprogramming the PAM with the latest available software.

MODELS:

2015 - 2017 (BU) Jeep Renegade

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

NOTE:

- This bulletin applies to vehicles built on or before ****October 23, 2017 (MDH 1023X)**** equipped with ParkSense FT/RR Park Assist System (Sales Code XAG) or Parallel & Perpendicular Park Assist (Sales Code XAU).
- The RRT portion of this bulletin applies to vehicles built on or before December 01, 2016 (MDH 1201X) equipped with ParkSense Rear Park Assist System (Sales Code XAA), ParkSense FT/RR Park Assist System (Sales Code XAG) or Parallel & Perpendicular Park Assist (Sales Code XAU).

SYMPTOM/CONDITION:

Customers may experience the Electronic Vehicle Information Center (EVIC) will display “SERVICE PARKING ASSISTANCE” and the Instrument Panel Cluster (IPC) will illuminate the general failure warning light. Upon further investigation the technician may find that the following DTCs have been set:

- **B1000-96 - Electronic Control Unit - Component Internal Failure. (EMEA only)**
- B1000-46 - Electronic Control Unit - Calibration/Parameter Memory Failure.

In addition, the customer may notice one of the following conditions:

- **Park sensor not available. (EMEA only)**
- The Instrument Panel Cluster (IPC) shows the message “Side Distance Warning Unavailable Service Required”.
- IPC shows messages “ParkSense not available” or “ParkSense disconnected”.
- The park assist system may not be available at start up.

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 a customer’s VIN is listed in VIP or your RRT VIN list, perform the repair. If any vehicle not on the VIN list exhibits the symptom/condition or DTC, perform the repair.

REPAIR PROCEDURE:

NOTE: The IPC error message must be erased before flashing the PAM. If the error message is still active/stored while the PAM is being flashed, it will result in the error not being able to be deleted after the flash.

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. Using wiTECH, erase messages such as “ParkSense not available” or “ParkSense disconnected” or “Side Distance Warning Unavailable Service Required” from the IPC.
2. Reprogram the PAM with the latest available software. Detailed instructions for flashing control modules using the wiTECH Diagnostic Application are available by selecting the application’s “HELP” tab.
3. Using wiTECH, restore configuration and align PROXI. This routine is available under the ‘Diagnostic Procedures’ tab found on the home, ‘Vehicle View’, page of wiTECH.
4. 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
18-20-05-9B	Module, Park Assist Control (PTS/PAM) - 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 4 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 depending on if this is a Rapid Response Transmittal (RRT) or 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 must be supplied.
- The failure code “RF” (Required Flash) can no longer be used on Service Bulletin flashes. The “RF” failure code can only be used on RRT.
- The “RF” failure code is required for essential module flash/reprogramming and can only be used after confirmation that the VIN is included on the RRT.

CC	Customer Concern
RF	Required Flash