SERVICE BULLETIN

NUMBER: 08-078-16 REV. A

GROUP: Electrical

DATE: November 15, 2016

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THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-078-16, DATED OCTOBER 04, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **ASTERISKS AND INCLUDE A REVISED REPAIR PROCEDURE, THE REMOVAL OF SALES CODE XH5 AND THE ADDITION OF SALES CODE XAU.**

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) Enhancements

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

MODELS:

2015 - 2016	(BU)	Jeep Renegade

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

NOTE: This bulletin applies to vehicles built on or before July 18, 2016 (MDH 0718XX) 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 a Malfunction Indicator Lamp (MIL) illumination. Upon further investigation the technician may find that the following DTC has been set:

- B1000-46 - Electronic Control Unit - Calibration/Parameter Memory Failure.

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

- The Instrument Panel Cluster (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 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.

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. **Is the message “ParkSense not available" or "ParkSense disconnected" displayed in the IPC?
   a. YES >>> Using wiTECH, erase this message. Proceed to Step #2.
   b. NO >>> Proceed to Step #2.**
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
18-20-05-97	Module, Park Assist Control (PTS/PAM) - Reprogram (0 - Introduction)	6 - Electrical and Body Systems	0.2 Hrs.

NOTE: The expected completion time for the flash download portion of this procedure is approximately 2 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. If the customer came in with an issue and if the dealer finds a software update to correct that issue, use failure code CC, for all other use failure code RF.

- If the customer's concern matches the SYMPTOM/CONDITION identified in the Service Bulletin, failure code CC is to be used.
- If an available flash is completed while addressing a different customer concern, failure code RF is to be used.

CC	Customer Concern
RF	Routine Flash