



**NUMBER:** 08-099-17

**GROUP:** 08 - Electrical

**DATE:** October 3, 2017

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**THIS BULLETIN SUPERSEDES SERVICE BULLETIN 08-084-16 REV. A, DATED DECEMBER 09, 2016, WHICH SHOULD BE REMOVED FROM YOUR FILES. ALL REVISIONS ARE HIGHLIGHTED WITH **\*\*ASTERISKS\*\*** AND INCLUDE ADDITIONAL DIAGNOSTIC TROUBLE CODES (DTCs), BUILD DATE, UPDATED NOTE, FAILURE CODE STATEMENT AND LOP.**

**FOR HELP WITH USING wiTECH FOR ECU FLASH REPROGRAMMING, CLICK ON THE APPLICATION'S "HELP" TAB.**

**THE wiTECH 2 SOFTWARE IS REQUIRED TO BE AT THE LATEST RELEASE BEFORE PERFORMING THIS PROCEDURE.**

***SUBJECT:***

Flash: 3rd Row Folding Seat Module Diagnostic and System Enhancements

***OVERVIEW:***

This bulletin involves reprogramming the Folding Seat Module (FSM) with the latest available software.

***MODELS:***

2017

(RU)

Chrysler Pacifica

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

**NOTE: This bulletin applies to vehicles built on or before **\*\*August 07, 2017 (MDH 0807XX)\*\*** and equipped with Power Folding 3rd Row Seat (Sales Code JRJ).**

***SYMPTOM/CONDITION:***

Customer may experience inoperative 3rd row seats. Upon further investigation, a technician may find the following DTCs have been set:

- **\*\*B1E42-11** - 3rd Row Seat Left Recline Position Sensor-Circuit Short to Ground.
- B1E42-12 - 3rd Row Seat Left Recline Position Sensor-Circuit Short to Battery.
- B1E46-11 - 3rd Row Seat Right Recline Control-Circuit Short to Ground.
- B1E46-12 - 3rd Row Seat Right Recline Control-Circuit Short to Battery.
- B1E4C-11 - 3rd Row Seat Left Stow Position Sensor-Circuit Short to Ground.
- B1E4C-12 - 3rd Row Seat Left Stow Position Sensor-Circuit Short to Battery.
- B1E51-11 - 3rd Row Seat Right Stow Position Sensor-Circuit Short to Ground.
- B1E51-12 - 3rd Row Seat Right Stow Position Sensor-Circuit Short to Battery.\*\*
- B1E5F-92 - 3rd Row Seat Left Latch Switch - Performance Or Incorrect Operation.
- B1E60-92 - 3rd Row Seat Right Latch Switch - Performance Or Incorrect Operation.

This software will also correct a condition where the 3rd row seats would begin, but not complete their movement when commanded to go to either normal or stowed position. The interruption of the movement is usually followed by a reversal of the seat movement. This condition happens more so in low ambient temperatures, 4°C (40°F) and/or low battery voltage.

**DIAGNOSIS:**

Using a Scan Tool (wiTECH 2) 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 the customer describes 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.**

**NOTE: \*\*Do not start the software update with the seats in the stow position.\*\* The 3rd row seat must be in the upright position before starting the software update.**

**If the seats were not in the upright/normal position before the module was flashed, the seat calibration will fail. The wiTECH 2 must be used to put the seats in the upright/normal position to begin the calibration.**

1. Reprogram the FSM with the latest software. Detailed instructions for flashing control modules using the wiTECH 2 Diagnostic Application are available by selecting the application's "HELP" tab.
2. Go to Misc. Functions Tab, to perform the service calibration routine.
3. Clear any DTCs that may have been set in any modules due to reprogramming. The wiTECH 2 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:**

| <b>Labor Operation No:</b> | <b>Description</b>   | <b>Skill Category</b>          | <b>Amount</b> |
|----------------------------|--|--------------------------------|---------------|
| ** 18-52-29-92             | Module, Seat Folding (FSM) - Reprogram<br>(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 3 minutes. 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 |
|----|------------------|