

**"DOCUMENT UNCONTROLLED IF PRINTED"**

DOC #	PROCESS NAME	PAGE	REVISION	STATION	BY	DATE
<b>AR875</b>	<b>Circuit Breaker Plate Inspection/Repair</b>	<b>1 of 2</b>		<b>SER</b>	<b>C. Ward</b>	<b>6/9/2020</b>

Read process before beginning. If you do not understand any part please contact: Chris Ward, Vice President of Service at 1-866-953-5555 or by E-mail @ cward@ARBOCSV.com.

Good Mechanics safety practice must be followed on any repairs.

Safety practices should include but not be limited to properly supporting the chassis, axles, blocking tires, and a work area free of clutter.

Repair shops safety rules must be followed and safety equipment used. O.E.M. Battery and Auxiliary Battery MUST be disconnected.

**Complaint:** 30A Recessed Breaker not secured with top & bottom bolt through firewall

**Cause:** Hole is cut too large

**Correction:** R/R Circuit Breaker with a Mounting Plate

**Vehicles Affected:** Selected 2014-2019 ARBOC Spirit of Liberty and Spirit of America Units

**Labor Operation Code:** **059902**

**Labor Time Allowance:** **0.5 hours per unit**

**Tools Required**

Ratchet

7/16" Socket and Wrench

1/4" Socket

**Parts List**

(1) 1313380 PLATE, SWITCH PANEL 30 AMP BREAKER METAL 14GA PC BLACK 2.9 X 5

**Circuit Breaker Review:**

1. Open the front door/hood at the front of the unit.

2. Locate 30A Circuit Breaker wiring at the driver side of firewall to inspect securely mounted with top & bottom bolts through firewall.

Photo 1 - Correct Installation - Fasteners through steel at top/bottom without any movement

Photo 2 - Incorrect Installation - Top or bottom bolt not through metal (Example: bottom bolt missed on top of the cutout)



**Photo 1**



**Photo 2**

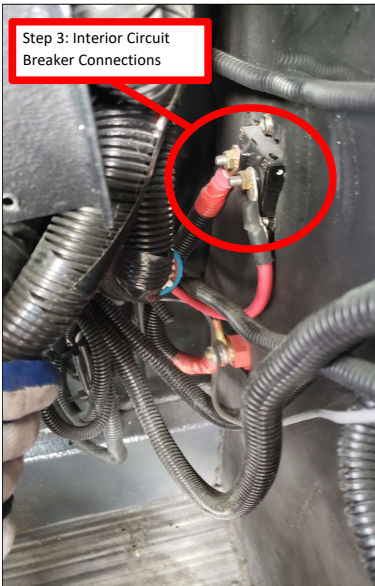
3A. If the unit has the circuit breaker installed correctly (photo 1), please submit warranty documentation including notation that NO further changes were required.

3B. If the unit has the circuit breaker installed incorrectly (photo 2), please continue to the repair section on page 2. When completed, please submit warranty documentation of repairs completed.

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**Repair Instructions:**

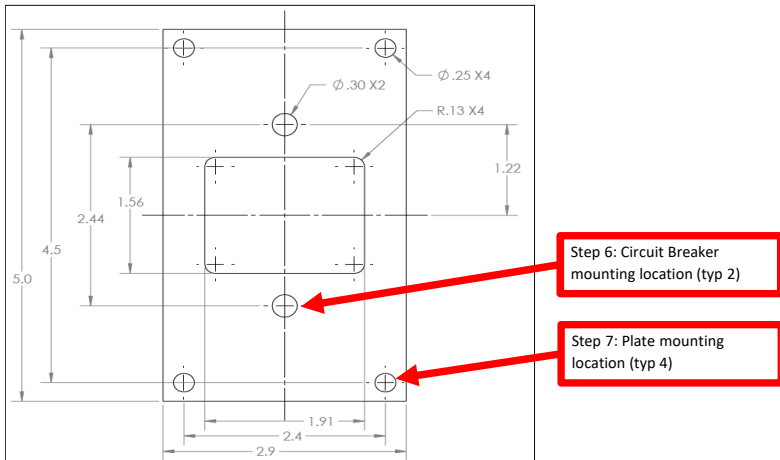
1. Disconnect batteries
2. Remove Circuit Breaker (keep hardware to use in step 6)
3. Remove connections and clear cables from circuit breaker on the interior side of firewall (photo 3)
4. Remove P-Clamp to lower Power Cable for clearance (photo 4)
5. Cut opening for circuit breaker to 3 inches high
6. Re-install circuit breaker to mount plate with hardware from step 2 (photo 5)
7. Secure mounting plate to firewall with 1/4 self-tapping fasteners (photo 5)
8. Re-install power cable on the exterior side of firewall with p-clamp removed in step 4
9. Re-install power connections to the back side of circuit breaker in step 3
10. Re-connect batteries



**Photo 3**



**Photo 4**



**Photo 5**