

## LiFT Pack S-Series Technical Bulletin

### **SUBJECT:** Positively Charged Case

This bulletin is provided to communicate an issue which may occur in UL Listed Flux LiFT Packs.

#### **Symptom**

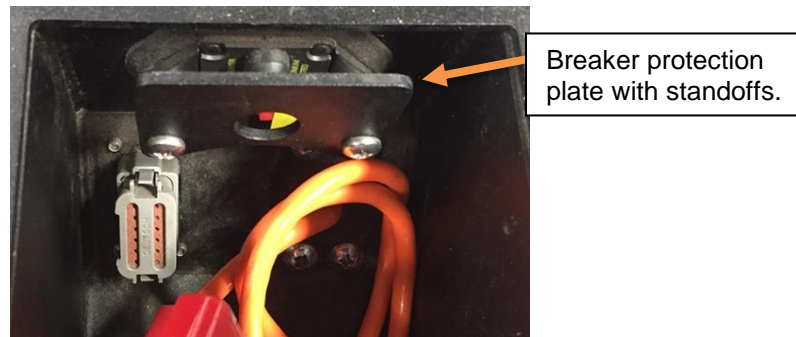
The pack arcs with the truck chassis, the main fuse blows or the breaker pops.

#### **Description**

The bolts used to mount the breaker are longer than necessary and create a risk of contact internally with the lugs bolted to the breaker. If they come in contact, over time the insulation may wear through creating contact between the positive battery lead and the breaker bolt, energizing the battery case. This issue increases the possibility of a blown fuse, and may effect truck operation if the truck chassis is tied to battery ground (battery negative).

#### **Products Affected**

UL Listed LiFT Packs with serial numbers 160011-160345 are susceptible unless they have the breaker protection plate with standoffs located in the cable storage box and pictured below.



#### **Recommended Actions**

All LiFT Packs in stock or in for service should have the bolts replaced or cut to the appropriate size. Use the following instructions when implementing this fix.

**Repair:** All LiFT Packs brought in for service should have the bolts replaced or cut using a bolt cutter. To cut or replace the bolts,

1. Press the red breaker button to turn off the battery
2. Remove the 16 lid bolts, lift the lid off the battery and rest it on the side of the battery case.
3. Remove the two lugs/nuts on the back of the breaker, tape the lugs to prevent arcing.
4. Remove the nuts holding the breaker to the battery lid.
5. Cut the bolts to the appropriate size, or replace them with bolts that are 10-32 7/8".
6. Tighten nuts back onto bolts.
7. Apply silicon rubber around the back of the breaker if the pack is going to be put in a power washing environment.



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8. Bolt the the two lugs to the breaker
9. Re-install the battery lid

### **Additional Information**

Flux Power values our customers and is distributing parts in an effort to provide fast, efficient service. Please remember to obtain pre-approval for any warranty work being performed.

If you have any questions, please contact a technical support representative at:

T: (760) 741-3589

E: [support@fluxpower.com](mailto:support@fluxpower.com)

**\*\*\*Repairs should only be performed by authorized technicians\*\*\***

If you have any questions regarding this technical bulletin, please contact your Flux Power representative.

Thank you!

**Flux Power**

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