

**User Guide & Installation Manual**

**Power Remote Mount Emergency Brake Kit  
ASCPB01**

**INSTALLATION STEPS**

**1 CHAMBER ASSEMBLY**

**A) Mounting the linear actuator (LAD2) (Figure 1)**

- i. Using the pre-drilled hole on the bottom of the chamber bolt, lower mounting pivot on linear actuator. Using spacer between chamber base and linear actuator, secure bolt and nut tightly.

**B) Attaching the Brake Cables**

- i. Insert Brake Cables into pre-drilled holes on short side of chamber base, opposite linear actuator lower mount. Tighten until snug.
- ii. Attach brake cable ends to adjustable cable clamp, securing tightly (Figure 2).
- iii. Using center hole on adjustable cable clamp, attach short cable/adjustable threaded rod to bracket (Figure 3).
- iv. Attach bracket to upper linear actuator pivot mount (Figure 3).
- v. Secure chamber lid using provided screws.

**PARTS INCLUDED**

- Chamber Assembly (ASCBK027)
- Linear Actuator (LAD2)
- Brake Cable Kit + Hardware (ASCBC001)
  - Adjustable Cable Clamp
  - Threaded Rod
  - Bracket
  - Spacer
  - Nuts and Bolts
  - Lid Screws
- 40 Amp Relay (RA1000)
- 3-Position Rocker Switch (SW1)
- Weatherproof Connector (WPWC2)

**2 MOUNT & ATTACH**

- A) Mount the Electric Brake Assembly in a Dry accessible space.
- B) Attach the brake cables to Rear brakes.

**3 WIRING & ADJUSTMENT**

Wiring: Follow the wiring diagram on page 2.

Linear Actuator Adjustment: Before operating correctly, the linear actuator must be aligned to the correct distance of travel for the cable.

Remove the base at the bottom of the actuator. (Figure 4) Adjust your stroke as necessary to ensure the starting and stopping distance will not exceed the limitations of the brake cable. Test for confirmation.

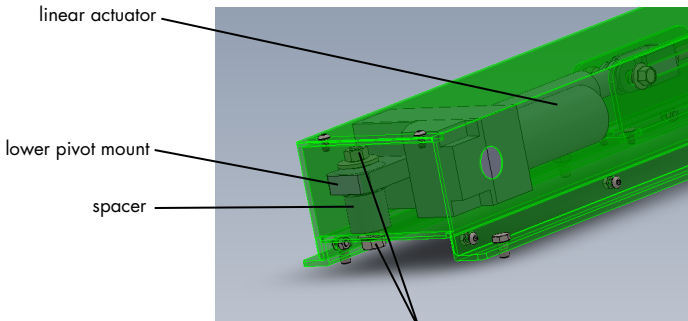


Figure 1 nut & bolt

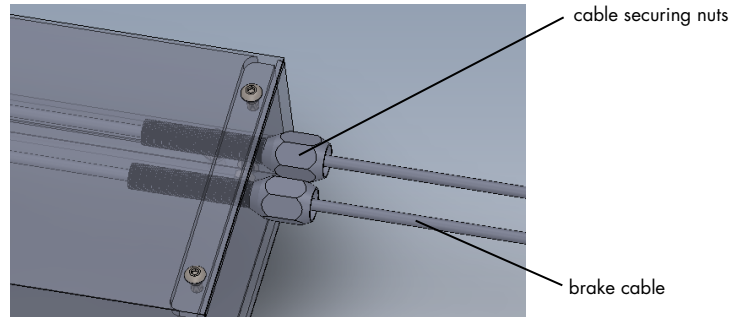


Figure 2

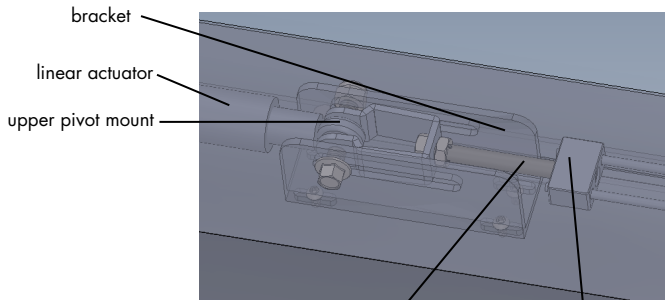
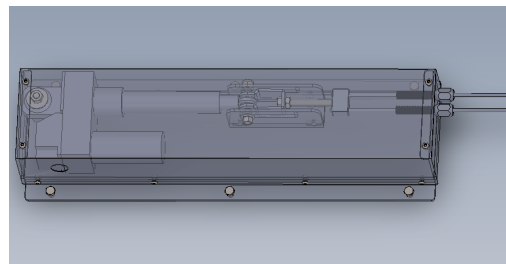


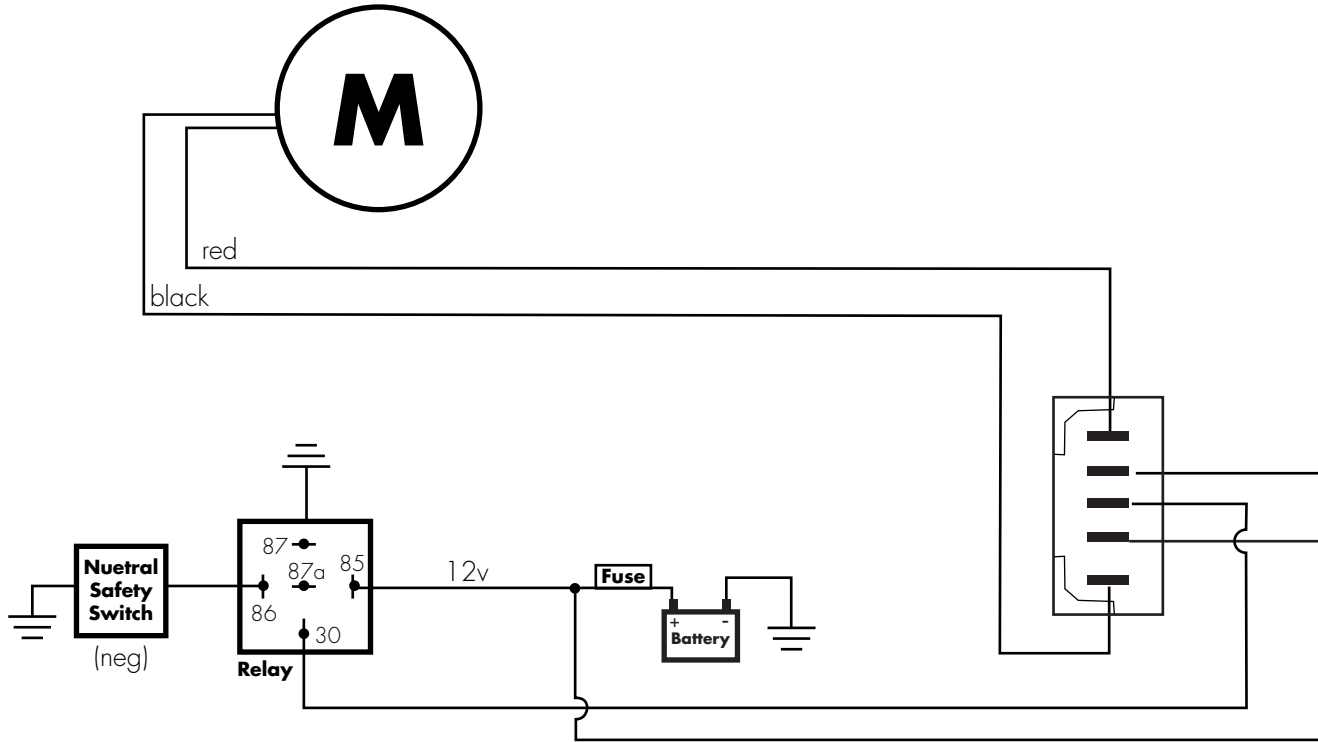
Figure 3 adjustable threaded rod adjustable cable clamp



Overview

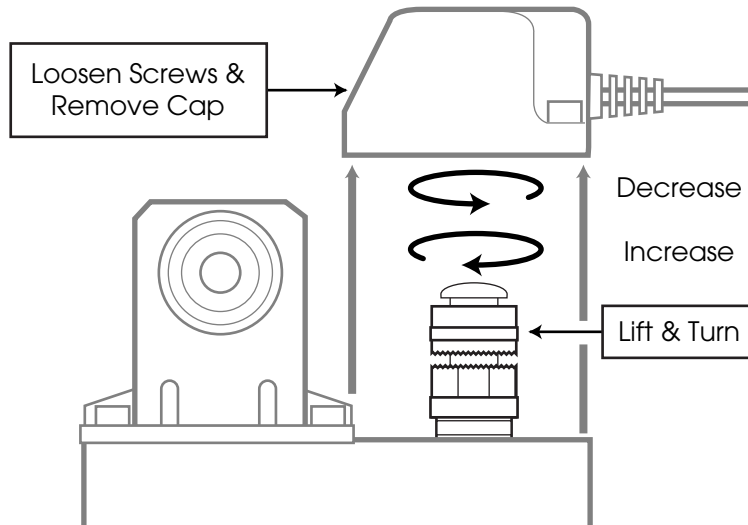
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**WIRING DIAGRAM**



**ADJUSTING STROKE**

The stroke on the LAD Series Linear Actuators can be adjusted by removing the cover and turning the adjustment knob. Each tooth is equal to an increase/decrease of .25" in the rod's stroke.



**WARNING:** Do not allow the tip of the shaft to rotate while running or testing the actuator. This will cause misalignment and you will lose stroke length. Only operate the actuator with both ends fixed in position. Use of a Motor Control Unit is recommended for all Linear Actuator Applications.

Figure 4