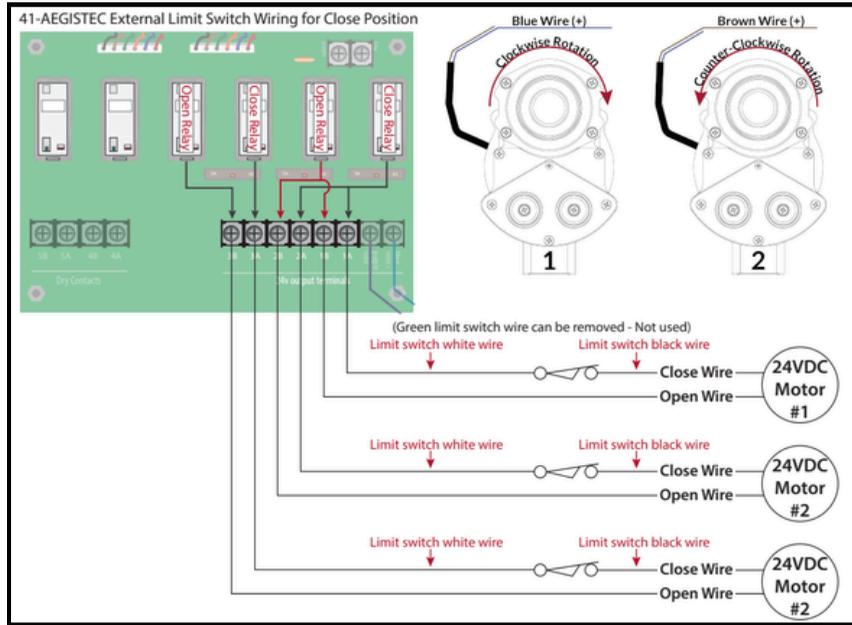
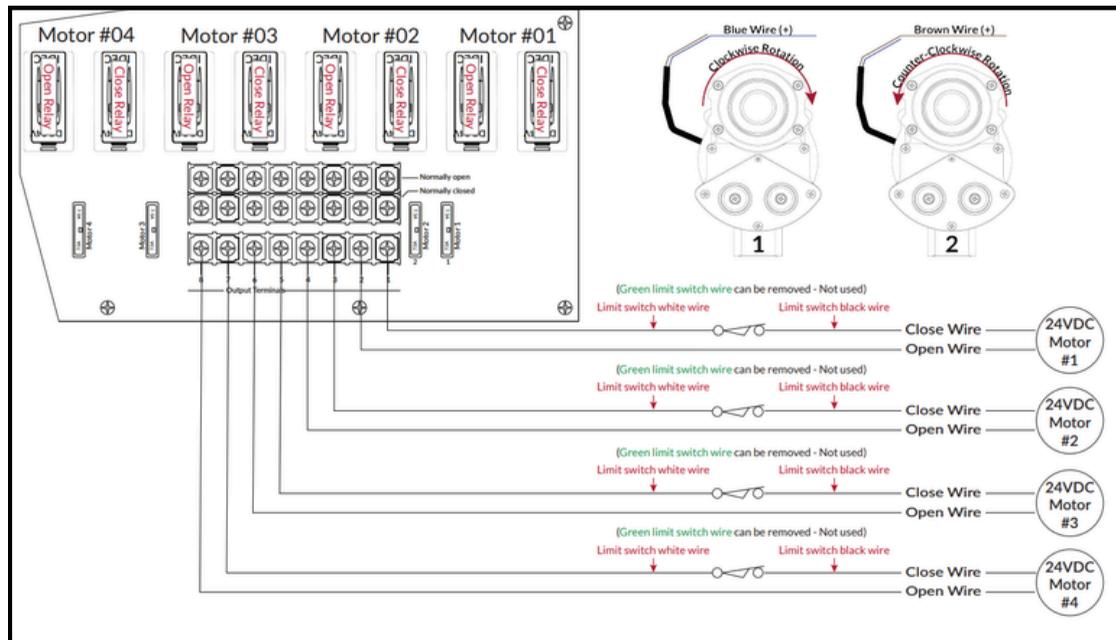


## Limit Switch Wiring for 41-AEGISTEC



## Example of Limit Switch Wiring for 41-AEGISTECP



**ADVANCING**  
ALTERNATIVES

# 61-LSARL-LVM

External Limit Switch for Roll  
Lock and Low Voltage Motors

## Quick Start Guide

Scan the QR Code to visit our  
Knowledge Center, which features  
videos and other resources.



Visit Advancing Alternatives' YouTube  
Channel to Access Video Tutorials



### IMPORTANT

For detailed instructions and technical support, visit  
[advancingalternatives.com/knowledge-center](http://advancingalternatives.com/knowledge-center)

### Safety Information:



**SHOCK HAZARD** Electric shock can kill.  
Touching live electrical parts can cause fatal  
shocks or severe burns.



**WARNING** All electrical connections  
must be made by a qualified, licensed  
electrician. All connections must be  
made in accordance with all state and  
local codes.

### What's Included:



- 1 Lever Style Limit Switch with 8' of wire
- 1 Aluminum Mounting Plate
- 4 ea. Metric Mounting Bolts (6MMx20MM)
- 4 ea. 1" - 1/2" Self-Drilling Tek Screws

### Overview:

This externally mounted limit switch that mounts at the Roll-Lock, is meant to override the "DOWN" directional movement of the motor, and acts as an important safety switch to protect your motor, especially when the fabric shrinks. You will first set your motors internal limit switches to control the motors up and down stopping locations relative to the Roll-Lock and to its desired top opening position. Then, this external limit switch is to be set to slightly precede the motors "DOWN" stopping location at the Roll-Lock, to protect the motor from stress and damage.

## Installation Instructions

1) Mount the bracket and the attached switch near the Roll-Lock next to the motor using the provided mounting screws.

2) The wire connections given in Figure 2 are a starting point and may need to be changed accordingly. The black wire from the limit switch connects to one motor wire. The white wire from the limit switch connects to the Controller CLOSE wire. The Controller OPEN wire connects to the other motor wire.

If the motor is not shutting off when closing, swap the two motor wires.

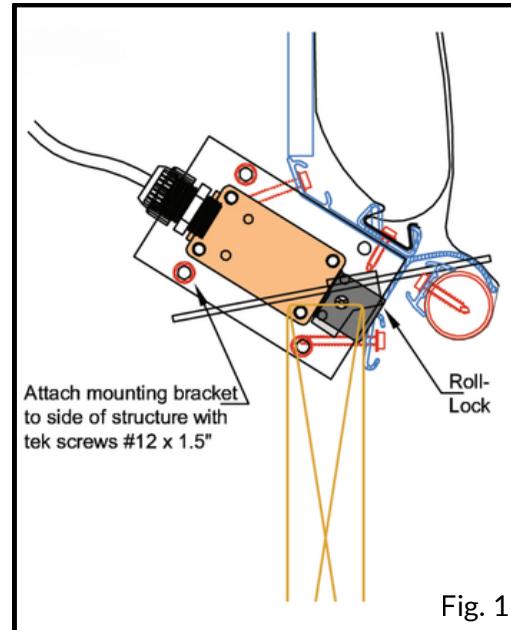


Fig. 1

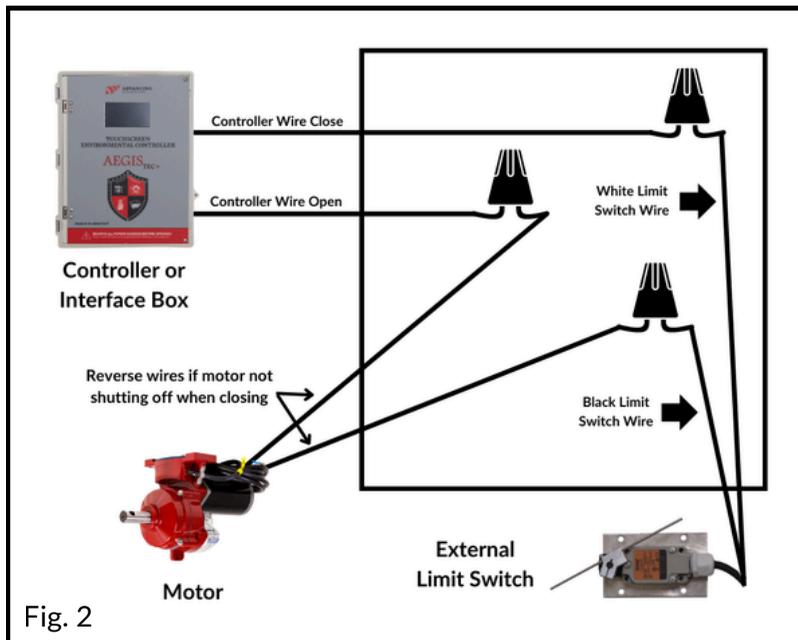


Fig. 2

After wiring is complete, test the system by running the motor through several open and close cycles. Adjust the lever rod of the limit switch up or down to set the exact stopping position. The lever should be positioned so the motor stops slightly before its internal limit switch is reached, relieving tension and stress on the motor.

3) Move the lever rod of the limit switch up or down to adjust the “CLOSED” position. Adjusting the rod in or out or tilt it up or down to further set a position the motor to stop slightly before its internal limit switch, relieving it of tension and stress. (Fig. 3)

4) Run the motor thru several cycles of “OPEN” and “CLOSE” once your limit switch is installed and return the next day once the curtain has settled to recheck all your settings and adjust as needed. (Fig. 4)



Fig. 3

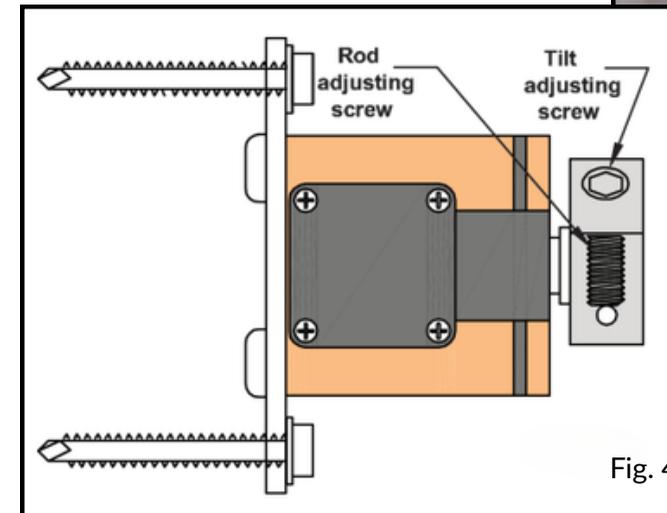


Fig. 4

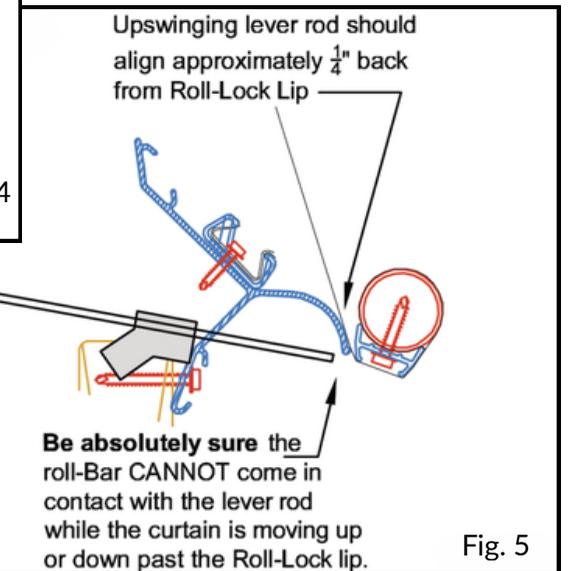


Fig. 5

*Always remember to perform routine maintenance checks on all of your equipment, especially at the beginning and end of each season!*