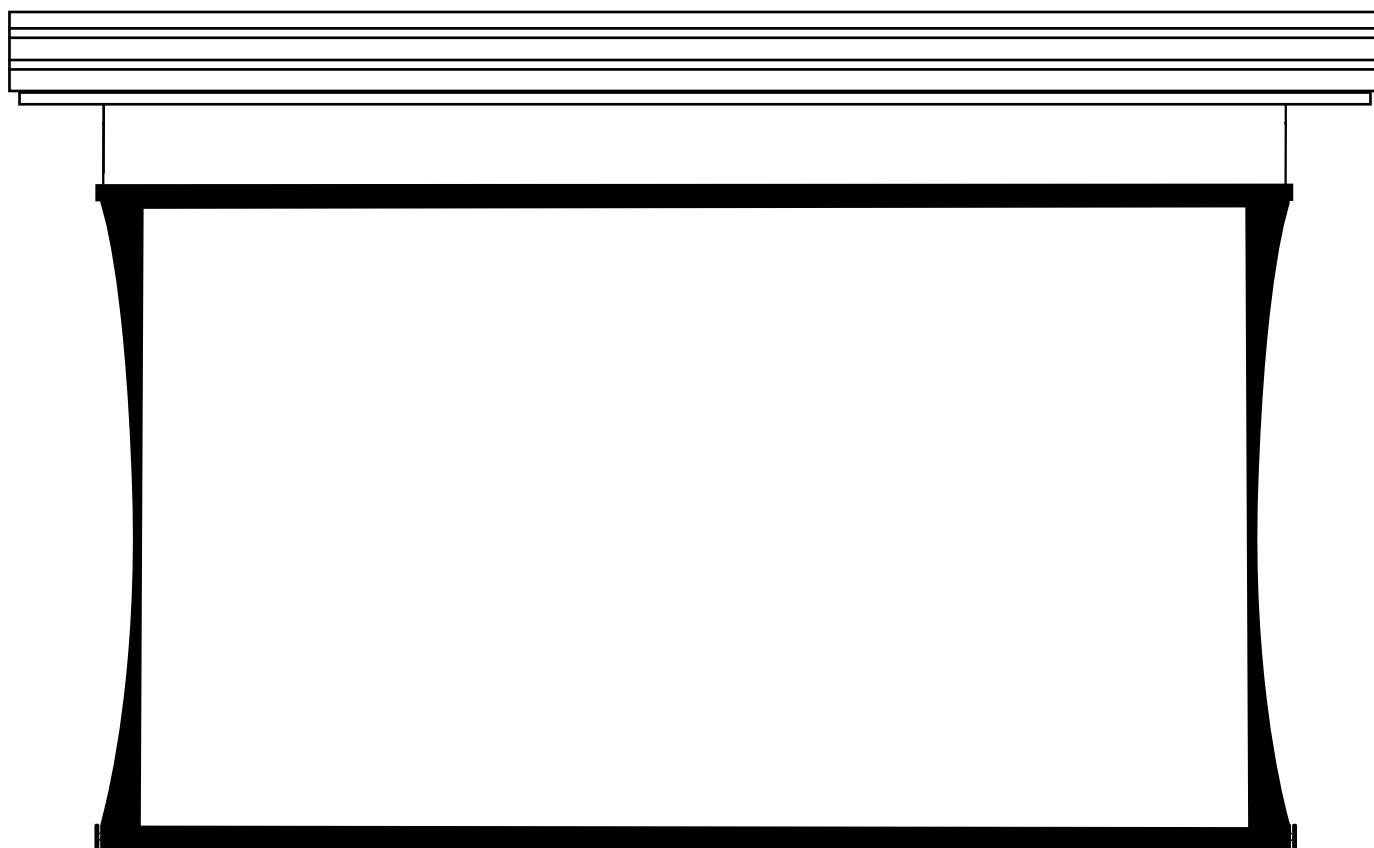


# Zero-G<sup>®</sup>

## Owner's Manual



### Screen Roll Replacement

**512-832-6939**

9715-B Burnet Road Suite 400, Austin, TX 78758  
[screeninnovations.com](http://screeninnovations.com)



**INSTALLERS: PLEASE LEAVE THIS  
MANUAL WITH THE OWNER.**



APPLY S/N  
STICKER HERE



## LIMITED ONE YEAR WARRANTY ON SCREEN INNOVATIONS PRODUCTS

Screen Innovations warrants its products, to the original purchaser only, to be free from defects in materials and workmanship for a period of one (1) year from the date of purchase by the original purchaser provided they are properly operated according to Screen Innovations' instructions and are not damaged due to improper handling or treatment after shipment from the factory.

This warranty does not apply to equipment showing evidence of misuse, abuse, or accidental damage, or which has been tampered with or repaired by a person other than authorized Screen Innovations personnel.

Screen Innovations' sole obligation under this warranty shall be to repair or to replace (at Screen Innovations' option) the defective part of the merchandise. Returns for service should be made to your Screen Innovations' dealer. If it is necessary for the dealer to return the screen or part to Screen Innovations, transportation expenses to and from Screen Innovations are payable by the purchaser and Screen Innovations is not responsible for damage in shipment. To protect yourself against damage or loss in transit, insure the product and prepay all transportation expenses.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WARRANTIES AS TO FITNESS FOR USE AND MERCHANT ABILITY. Any implied warranties of fitness for use, or merchantability, that may be mandated by statute or rule of law are limited to the one (1) year warranty period. This warranty gives you specific legal rights, and you may also have other rights, which vary from state-to-state. NO LIABILITY IS ASSUMED FOR EXPENSES OR DAMAGES RESULTING FROM INTERRUPTION IN OPERATION OF EQUIPMENT, OR FOR INCIDENTAL, DIRECT, OR CONSEQUENTIAL DAMAGES OF ANY NATURE.

In the event that there is a defect in materials or workmanship of a Screen Innovations product, you may contact our Sales Partners at 9715-B Burnet Road Suite 400, Austin, TX 78758, (512) 832-6939.

IMPORTANT: THIS WARRANTY SHALL NOT BE VALID AND SCREEN INNOVATIONS SHALL NOT BE BOUND BY THIS WARRANTY IF THE PRODUCT IS NOT OPERATED IN ACCORDANCE WITH SCREEN INNOVATIONS' WRITTEN INSTRUCTIONS.

Keep your sales receipt to prove the date of purchase and your original ownership.

PROJECTOR PLACEMENT..... 5

BEFORE PROCEEDING ..... 6

PARTS LIST..... 7

ATTACH MAIN CABLES ..... 8

ATTACH MAIN CABLES ..... 9

RAISE SCREEN UP.....10

ATTACH WING CABLES .....12

SETTING THE DROP .....13

REMOVING PACKAGING .....17

SETTING THE LOWER LIMIT .....19

ADJUSTING SCREEN TENSION .....20

RAISING THE VIEWING AREA.....21

LOWERING THE VIEWING AREA.....26

SCREEN CLEANING INSTRUCTIONS.....31

TROUBLESHOOTING.....32

LIFETIME REPLACEMENT POLICY .....33



**CAUTION: READ THE INSTRUCTIONS IN THEIR ENTIRETY BEFORE PROCEEDING. ACTIONS CONTRARY TO THE INSTRUCTIONS INVALIDATE THE WARRANTY AND MAY RESULT IN SERIOUS DAMAGE AND/OR INJURY.**

## INSTALLER:

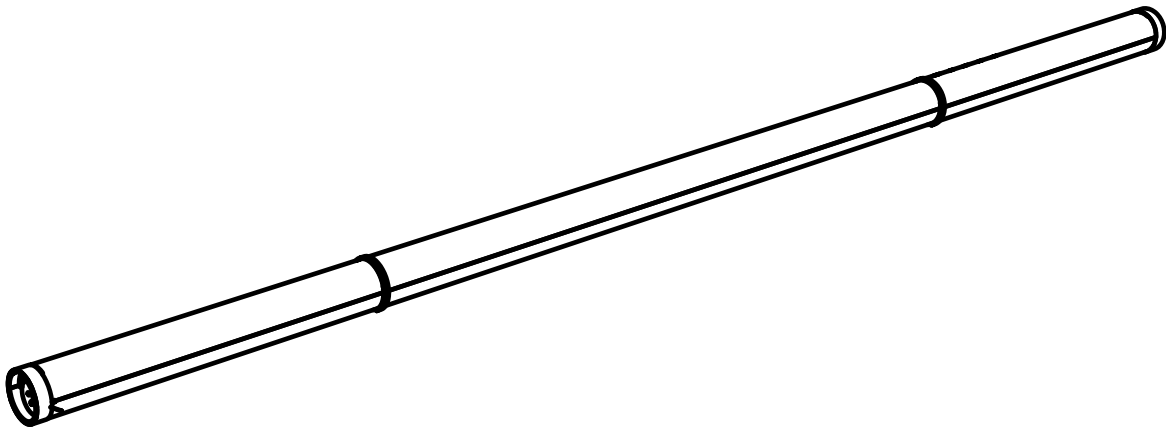
- Blocking is required. The ceiling or wall used for fixture installation must be able to support 300 lbs or more. Failure to properly secure the screen may result in injury and/or damage.
- Electrical work should be performed using appropriate electrical codes and regulation, by a licensed electrical professional.
- Before running cables in walls or ceilings see controls section on pages 22,23 and 25 for control cable requirements.
- Before removing the screen from the box, check for damage and to make sure all parts are included.
- Do not use any sharp blades when opening the screen packaging. Open by hand.
- Do not pull on the sides, crease, or fold the screen. The screen material is very delicate.
- Care in mounting and correct operation will result in long and satisfactory service from the SI screen.
- The screen should be level when installed. Always use a carpenter's level.
- Nothing should be fastened to any part of the screen assembly.

## END USER:

- To prevent damage, the operating and maintenance of the screen should be performed by experienced professionals.
- This is a finished product. Do not write or draw on the surface.
- Do not put anything near or under the screen that would come in contact or impede the normal operation of the screen when deployed.
- Damage to the screen can result if an object prevents the screen from fully deploying.

*NOTE: The screen has been thoroughly inspected and tested at factory and found to be operating properly prior to shipment.*

1X



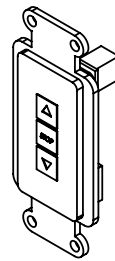
1X



1X



1X

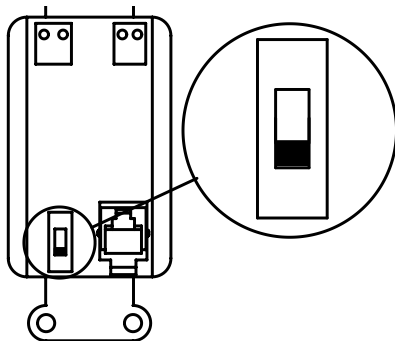
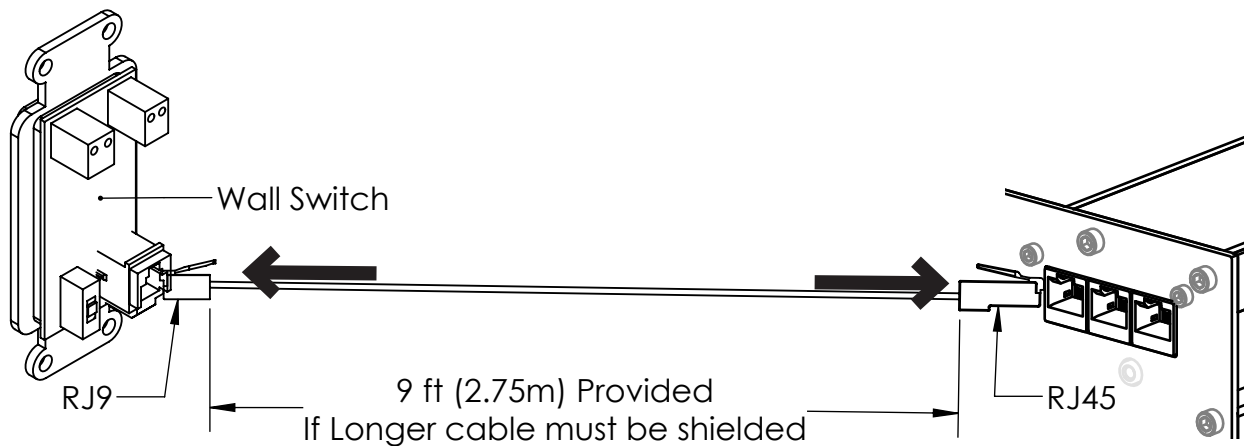


1X

Two velcro straps are also provided that will be used in the removal of the old lower tube assembly only.

## ZERO-G SCREEN ONLY

You will use the wall switch for this operation. You will need to be able to access the back of the switch. Flip the toggle on the back to the down position, putting the switch into programming mode. This makes the buttons constant contact, meaning the screen will only move when the button is depressed.



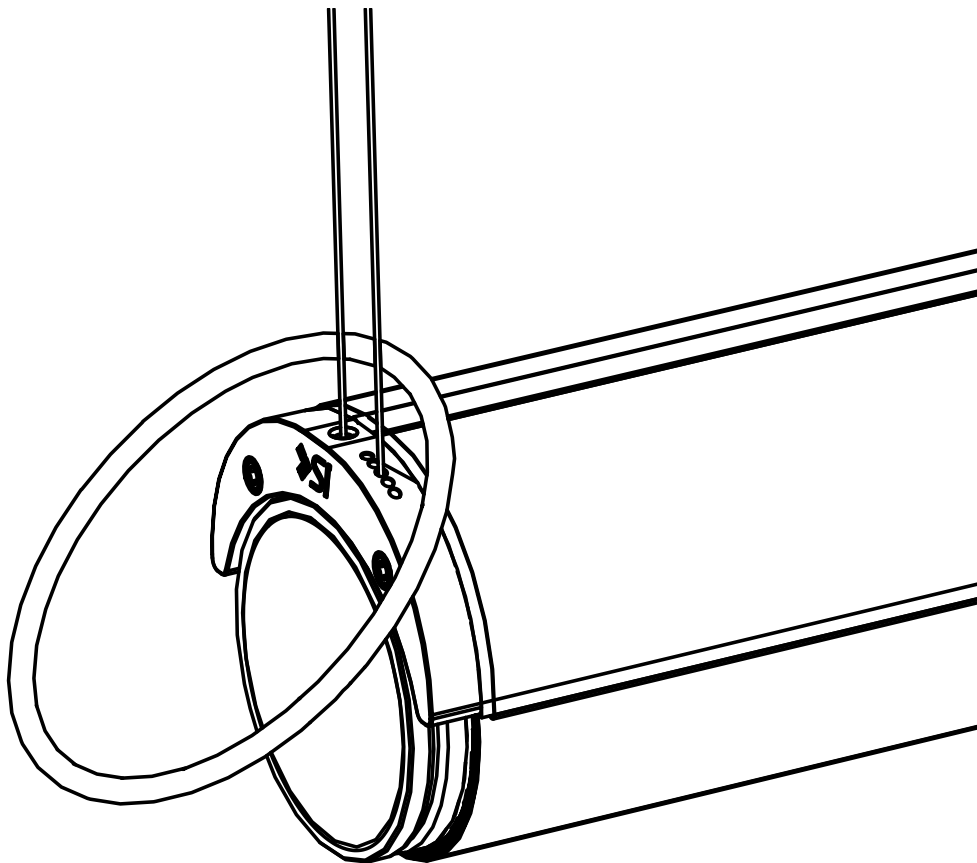
**Note:** Flush mount screens will require the removal of the end cap trim piece to access the board and ports.

Press the down button until the screen is at the bottom of the set drop. This is just to the point where the material would start to unroll. Do not unroll the material.

## REMOVAL

## ZERO-G SCREEN ONLY

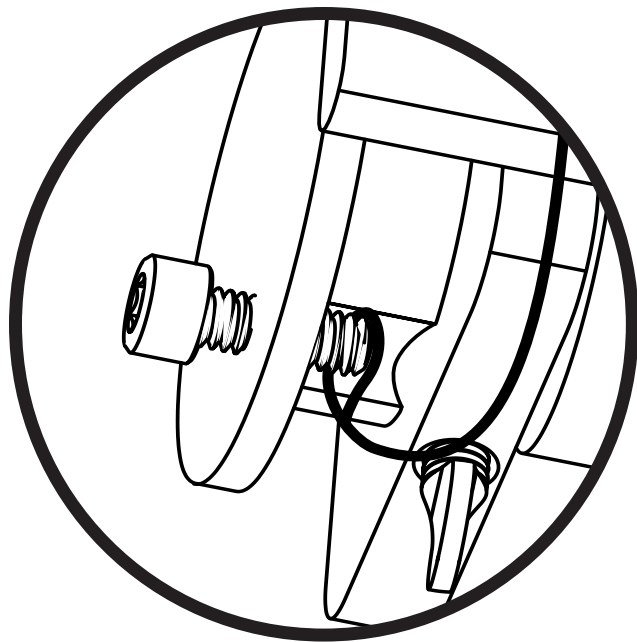
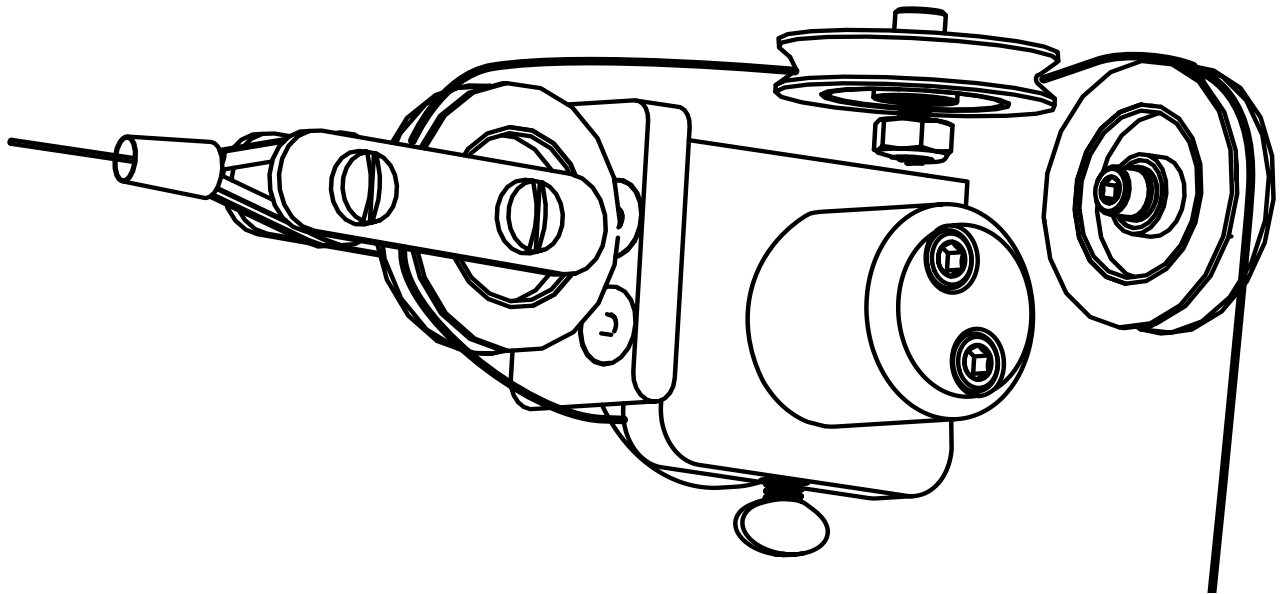
Strap the lower tube assembly to the wing using the provided velcro straps to prevent the material from deploying.



## REMOVAL

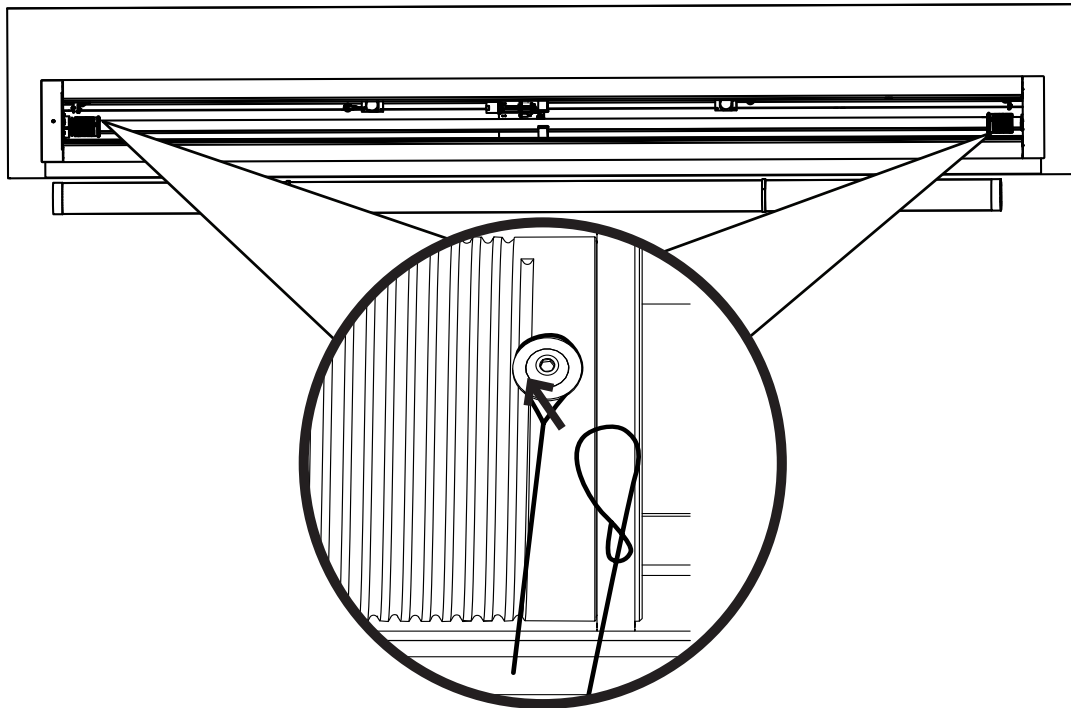
## ZERO-G SCREEN ONLY

Loosen the thumb turn bolt on the wing drop adjustment pulley and turn the knob until all of the cord is off the pulley turned by the knob. Disconnect the cord from the pulley by loosening the bolt securing it to the adjustment pulley.

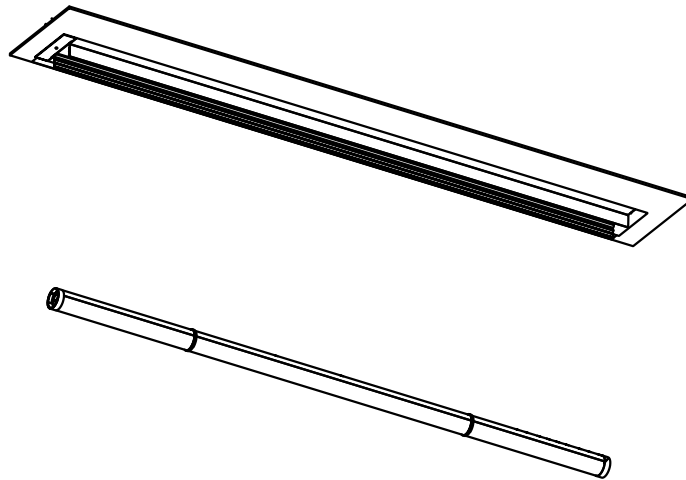




Using a cart or table, hit the down button bringing the lower tube assembly down until all weight and tension is off the remaining cables. Disconnect the cables from the helix and move the old assembly out of the way.

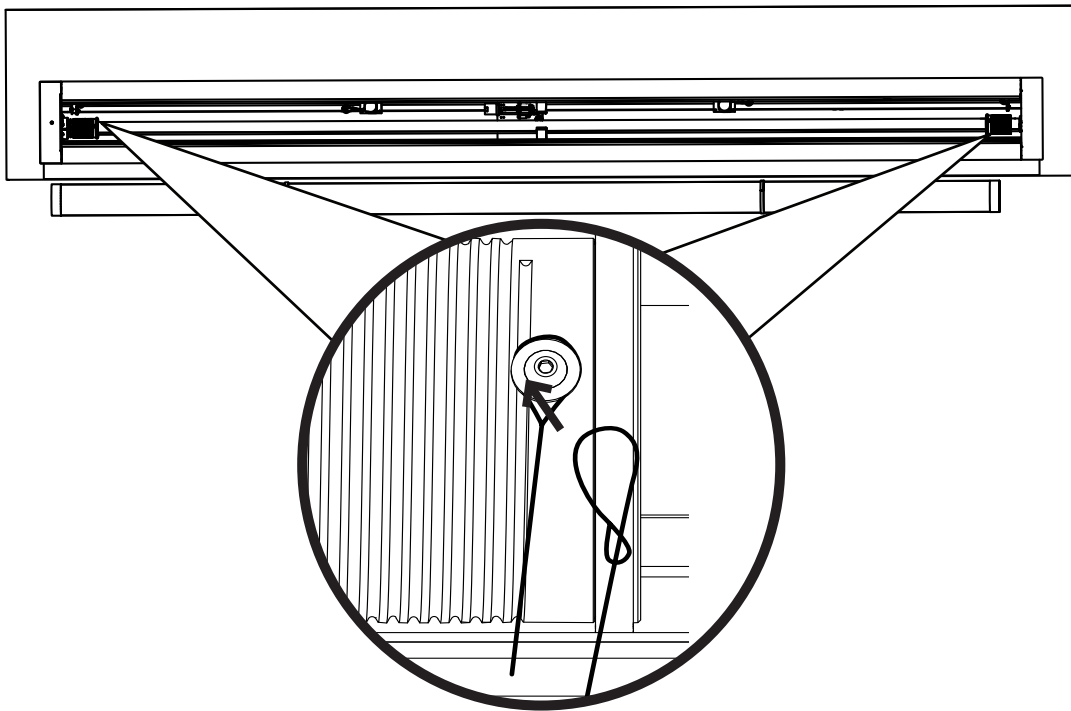


1



Position the screen assembly underneath the casewith the viewing area stickers upright and facing towards the audience.

2



Use the loop on the longer cable to make an adjustable loop at the end of the cable. Then loop this around the screw as shown.

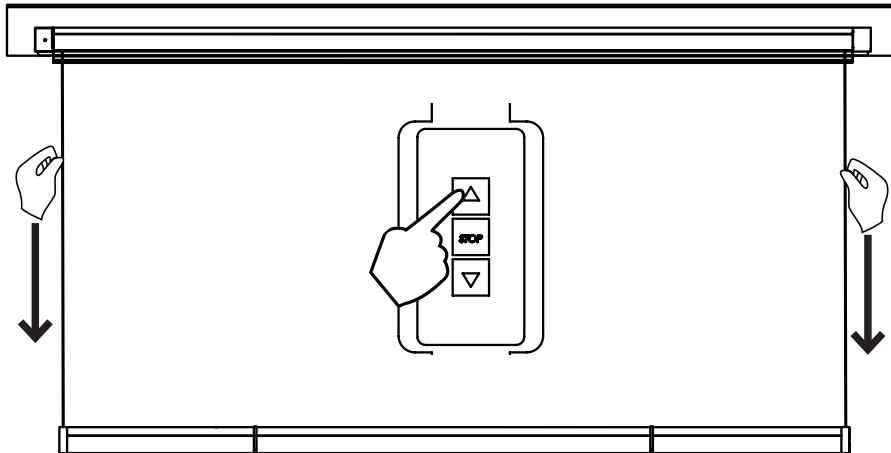


YOU MAY NEED TO PRESS THE DOWN BUTTON TO ROTATE THE TUBE SO THAT YOU CAN REACH THE SCREWS.



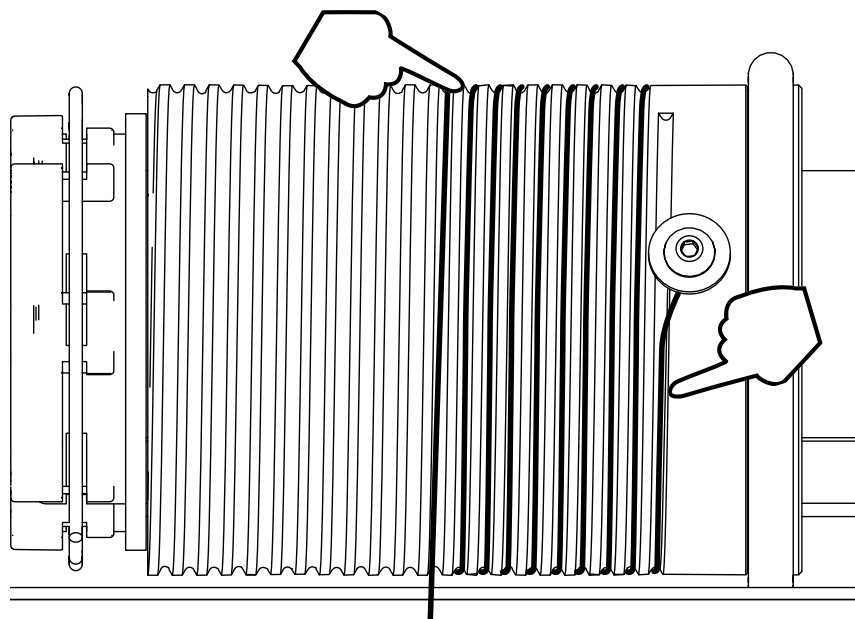
THE MOTOR IS THERMALLY PROTECTED. IF THE MOTOR STOPS RUNNING DURING SETUP, LET IT COOL DOWN FOR AT LEAST 30 MINUTES BEFORE ATTEMPTING TO RUN IT AGAIN.

1



Use one person on each side to hold tension and guide the cable onto the helix while one person holds the up button on the wall switch to wind the cable onto the helix.

2



Once the screen has been lifted from the floor check to make sure that the cable is wound up on the helix properly.

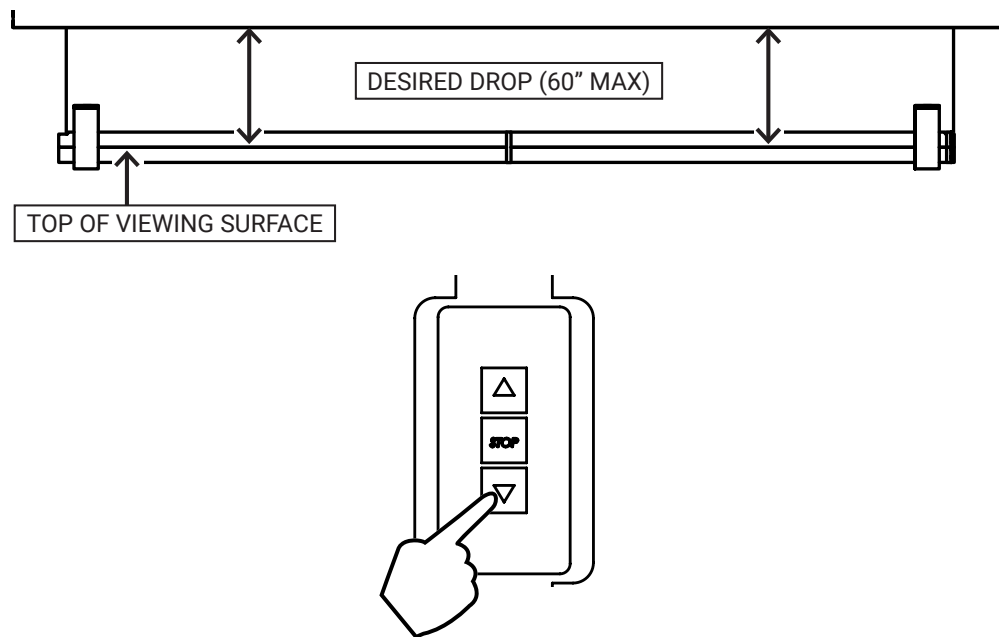


DO NOT EXCEED THE MAXIMUM DROP OF 60-INCHES (152.4 CM).

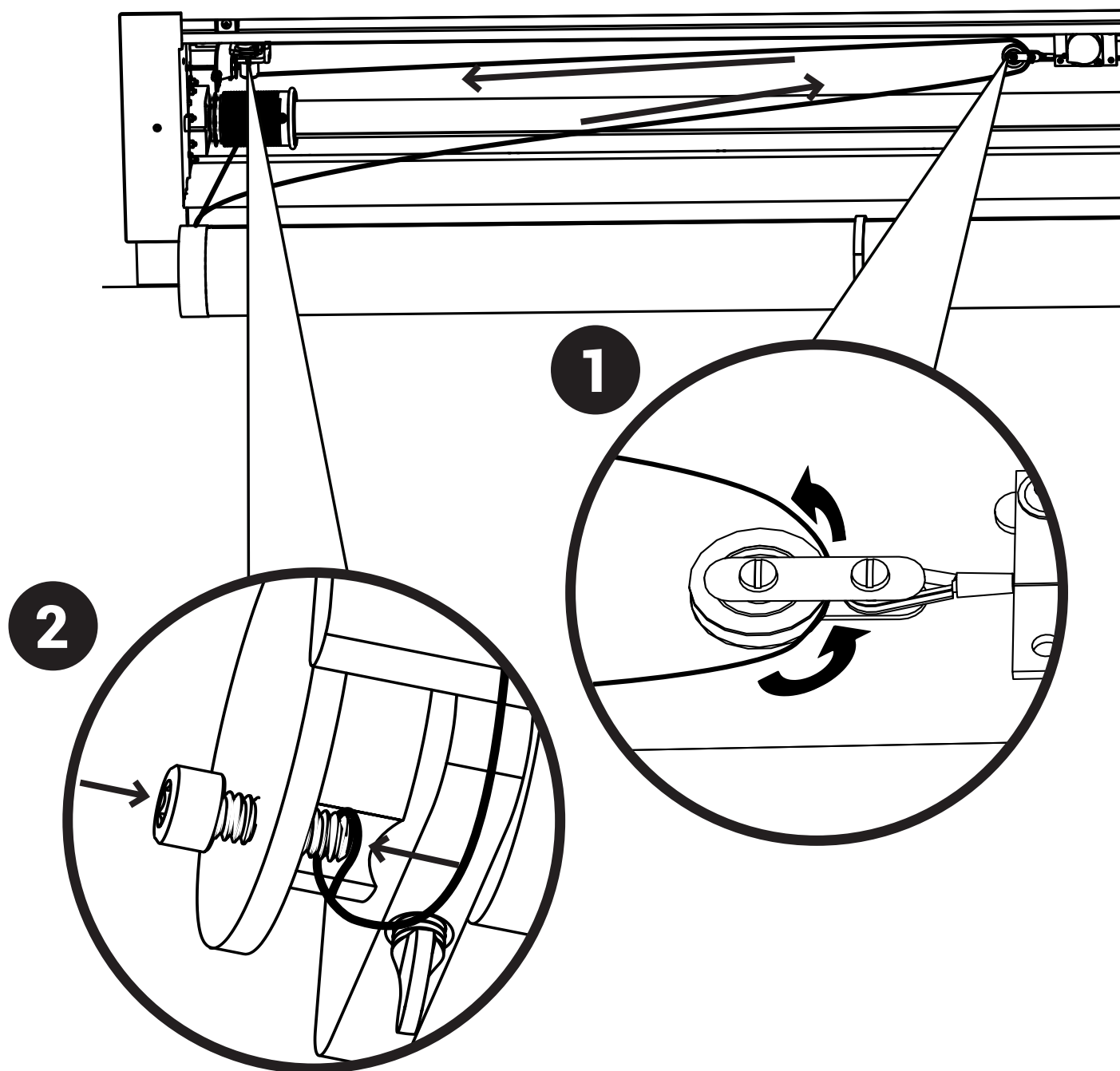


THE MOTOR IS THERMALLY PROTECTED. IF THE MOTOR STOPS RUNNING DURING SETUP, LET IT COOL DOWN FOR AT LEAST 30 MINUTES BEFORE ATTEMPTING TO RUN IT AGAIN.

3

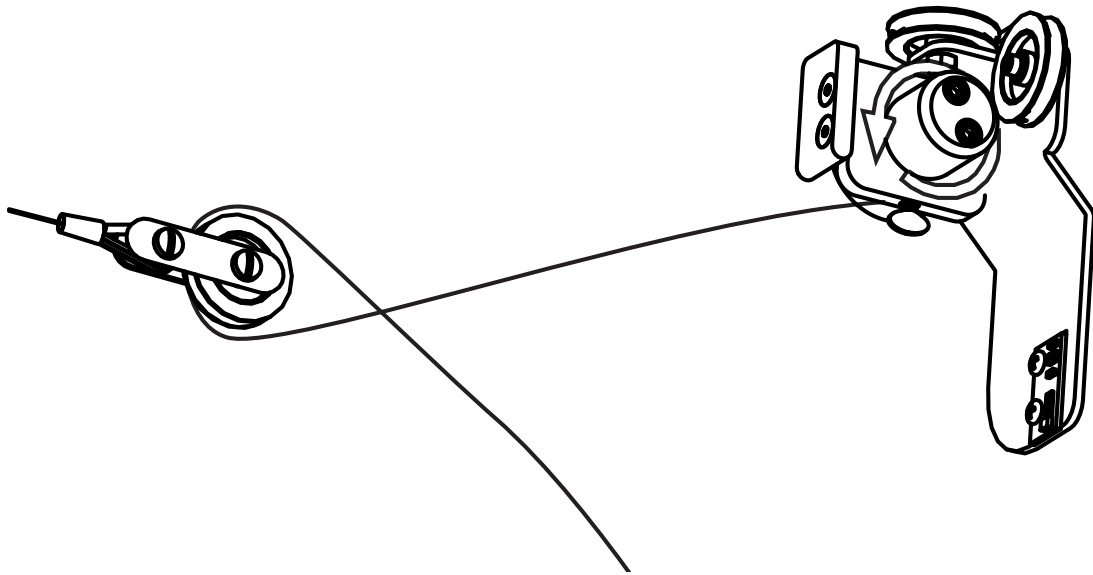


Hold the down button on the wall switch to drop the screen and release at the desired drop. The top of the viewing area is indicated on the protective tube. **Make sure to remove any foam remaining inside the case if it did not lower with the screen.**



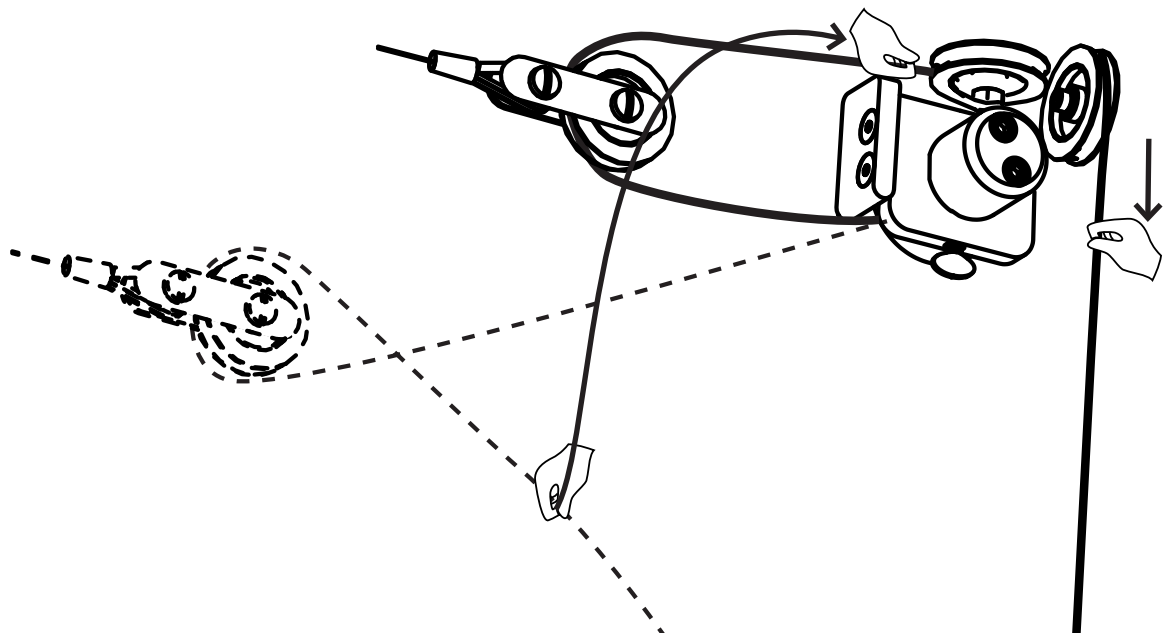
(1) Run the shorter wing cable through the pulley attached to the spring, then (2) attach the loop to the screw on the included wing spool. Finally, tighten the screw to secure wing cable to spool.

1



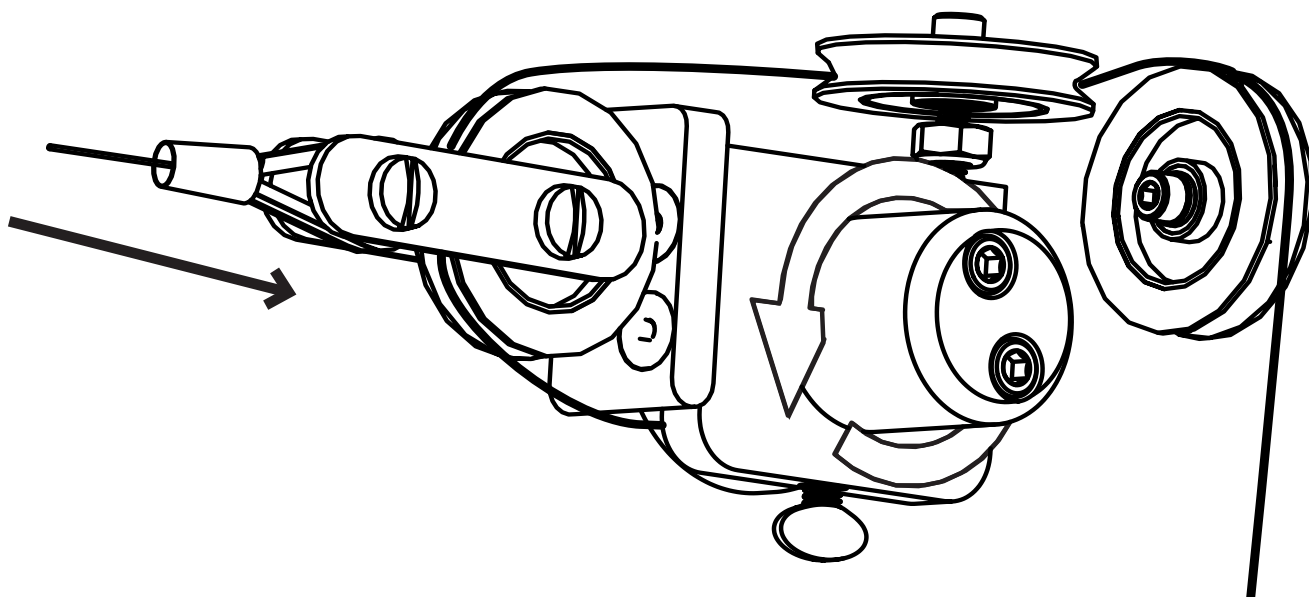
Turn the knob on the back of the wing spool until the the pulley is pulled to about a foot from the wing spool.

2

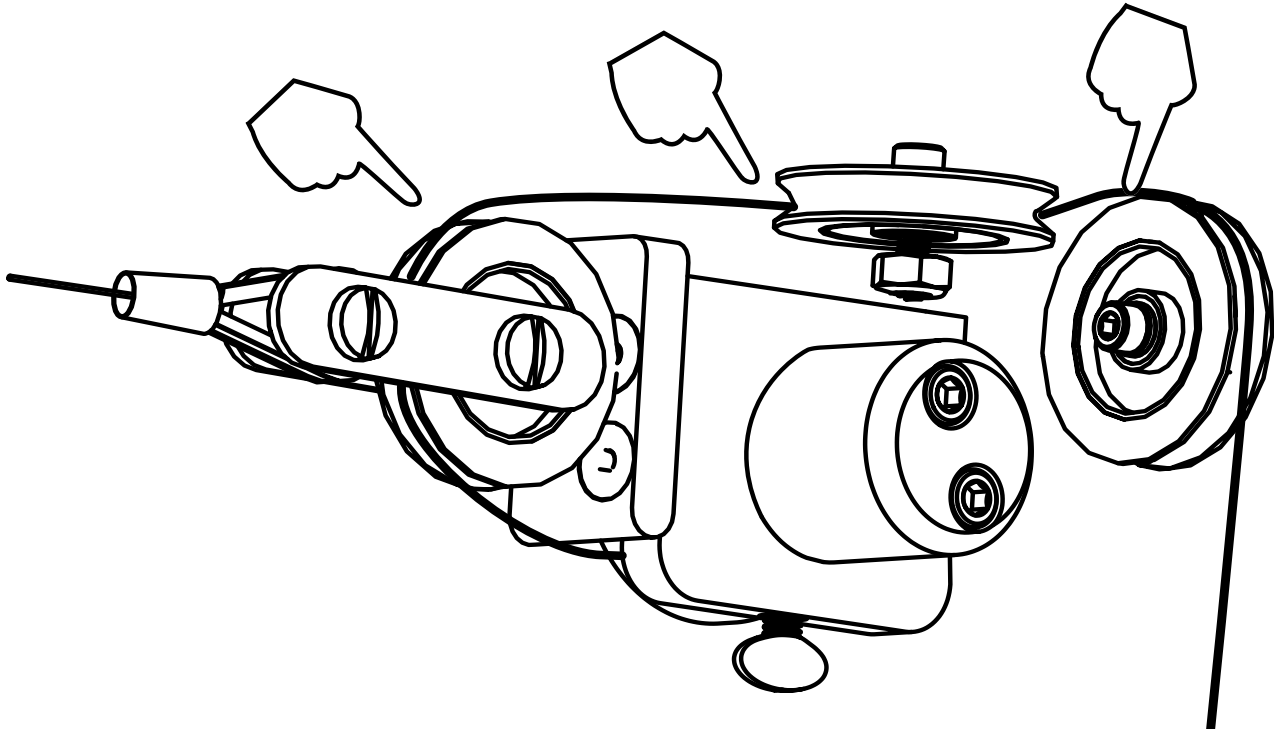


Put the cable going to the wing around 2 pulleys above the spool.

3



Turn the knob until the moving pulley is firmly pressed against the limit plate.



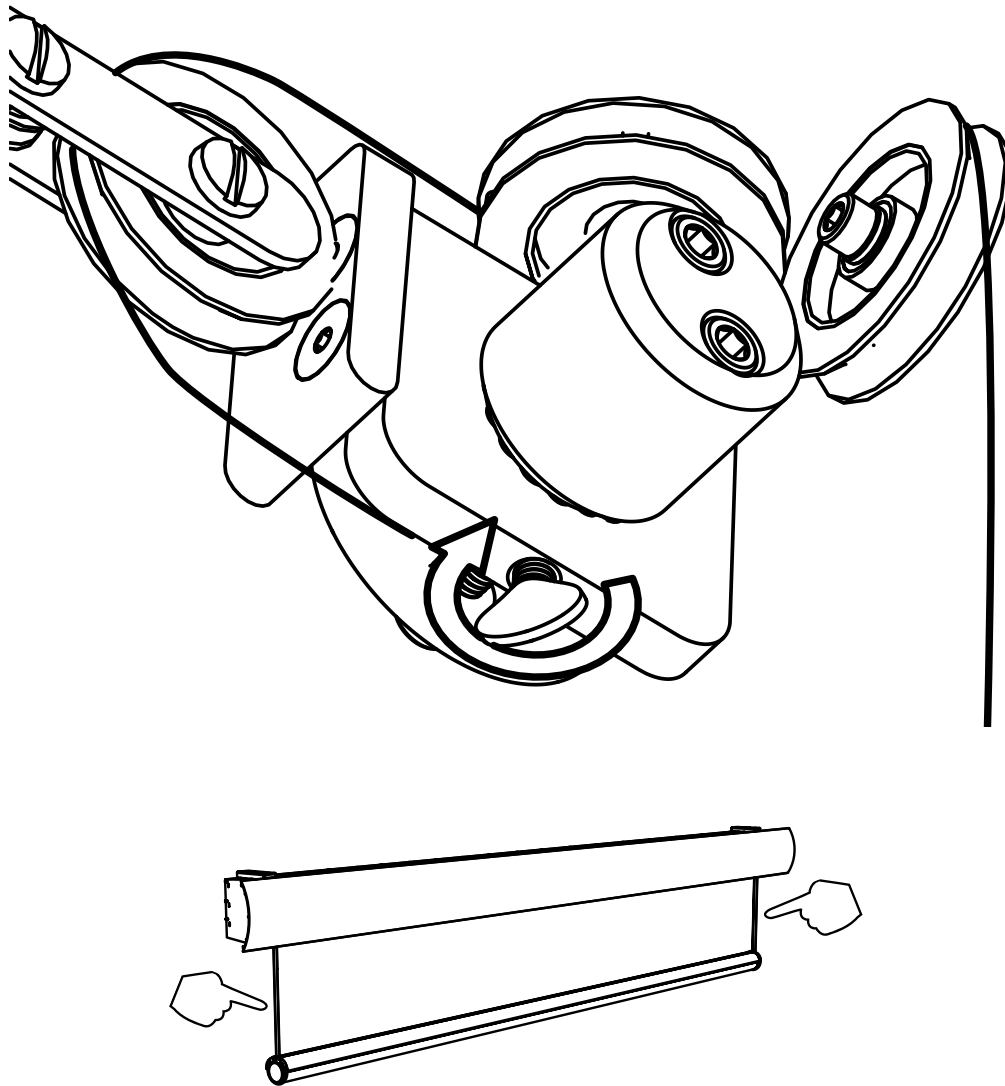
If the cable becomes loose, make sure the wing cable is still set correctly on all pulleys as shown.





THUMB SCREW MUST BE FIRMLY TIGHTENED TO PREVENT THE DROP SETTING FROM CHANGING.

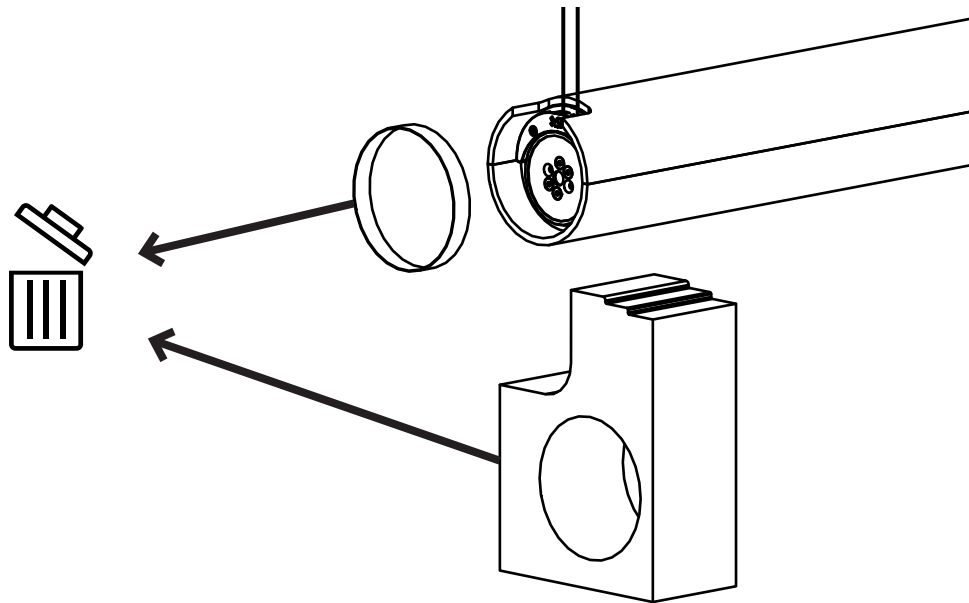
4



Make sure the wing cables both have tension on them. Tighten the thumb screw firmly to secure the wing drop setting.

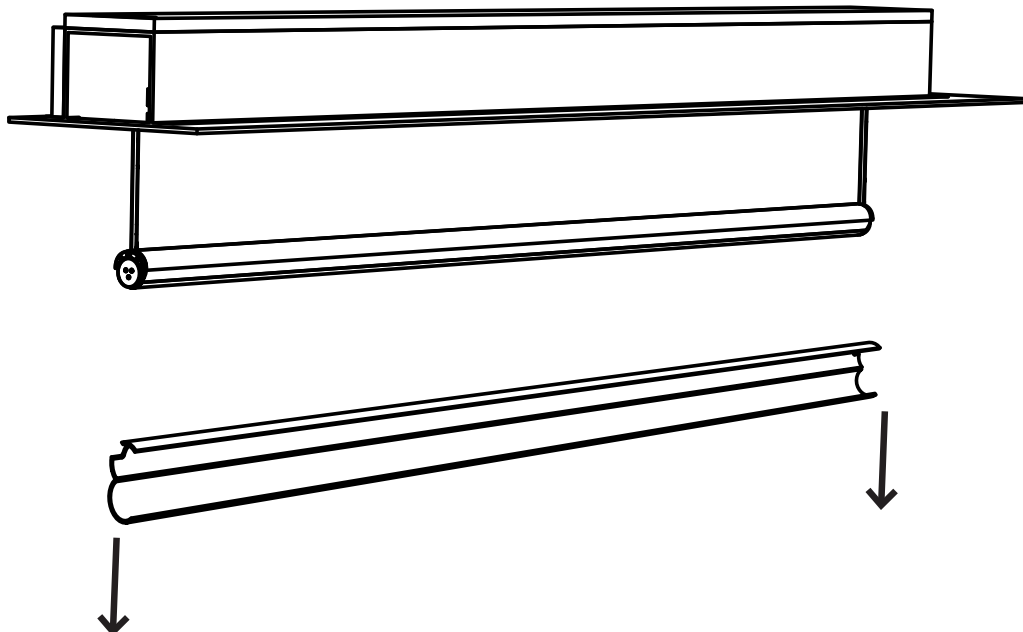
**Perform steps 4 through 6 on both ends of the screen.**

1



Dispose of all rubber bands, velcro, and foam.

2



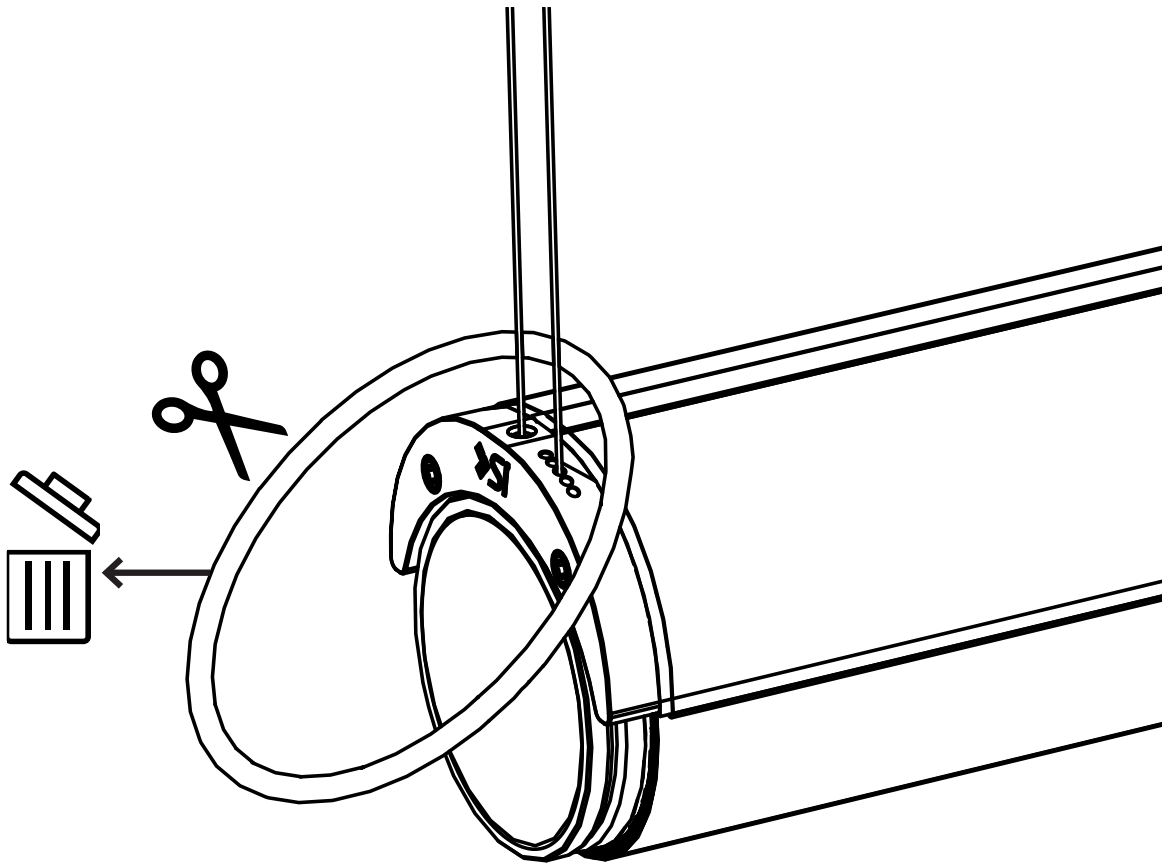
Carefully remove protective tube and foam wrapped around screen inside protective tube making sure to not damage the screen.

## REMOVING PACKAGING

## ZERO-G SCREEN ONLY

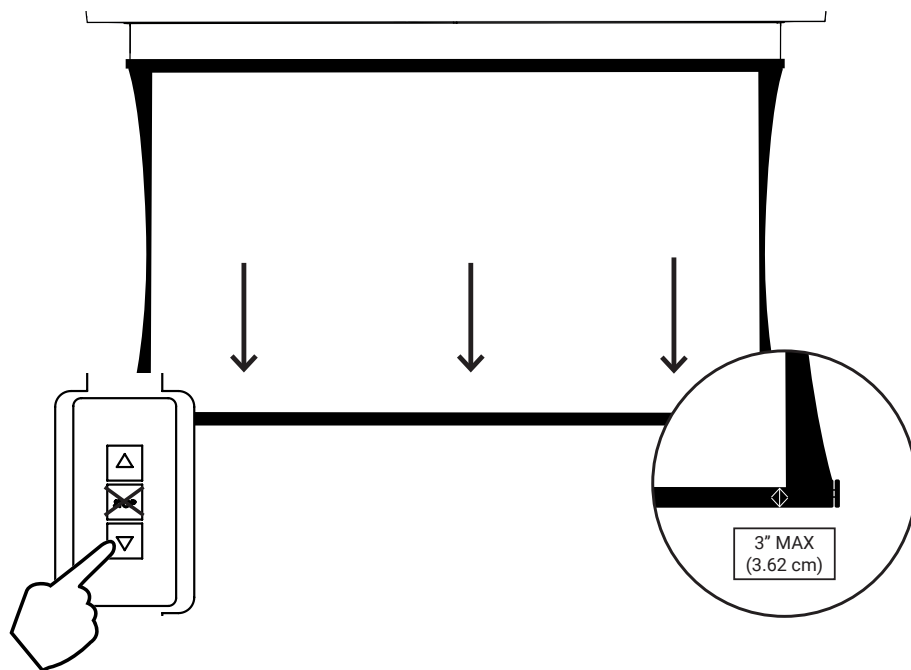
**IMPORTANT!!** - It is vital that level is verified on the cassette and at the wing. **BEFORE** cutting the bands holding the lower tube to the wing, check the measurements of the wing to the inside of the cassette. Adjust height at the drop adjustment if out more than 1/16" before moving on to the next steps.

3



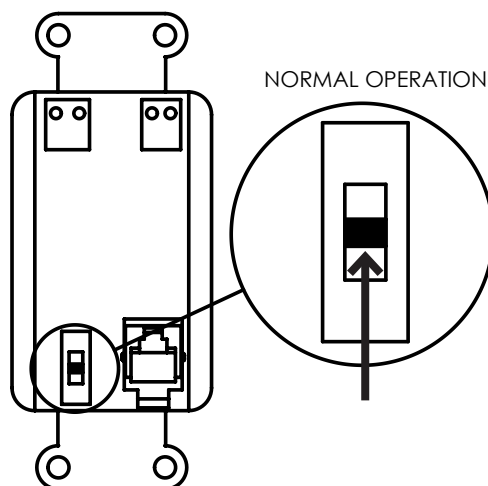
Carefully cut away rubber ring without damaging the screen material.

1



Hold the down arrow on the wall switch until the desired amount of black is showing at the bottom. Do not open the screen past 3" black showing at the bottom.

2



Move the switch located on the back of the controller to normal operation.

Refer to the following guidelines if you encounter a difficulty in the operation of your Screen Innovations product. Problems related to electrical or motor function may require a qualified service person or electrician.

Should you have a problem that is not addressed here, call:  
Screen Innovations (512-832-6939.)

Problem Description	Probable Cause	Action to Take
Motor shuts off. Motor has been in use for more than 2 minutes.	Motor is designed for short operations(lowering and retracting), not continuous duty. Longer operation causes the motor to overheat and shutoff. This typically happens during installation when testing the screen.	Allow the motor to cool down. Complete cooling can take an hour or more. Heat gain is cumulative and takes time to dissipate. If motor use is initiated before it has cooled completely, the motor will shut down again when it reaches maximum temperature.
Dirt, fingerprints, marks, etc. on screen surface.	Improper handling of screen.	Follow the the cleaning instructions outlined in the Screen Care and Cleaning Section
Indentations appear on screen surface.	Debris or particles clinging to the screen due to static cling.	Check both sides of the screen for dust or debris. Wipe the back of the screen with a clean damp cloth. Also, lightly brush off the front of the screen.
Screen won't operate.	No AC power available.	Check to see if the circuit breaker has switched off. Reset if needed. Check outboard switching apparatus. Check voltage availability. Contact an electrician.



**ZERO-G SCREEN ONLY**

**NOTES:**

**9715-B Burnet Road Suite 400, Austin, TX 78758**

Tel: 512-832-6939 Fax: 512-832-6136

[www.screeninnovations.com](http://www.screeninnovations.com)