

# Zen 2 Roll

## Installation Instructions

### Zipper Tracks and Cable Guides



INSTALLERS: PLEASE LEAVE THIS MANUAL WITH THE OWNER.





## Limited 1 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.



Please use this QR Code to access the updated installation instructions and related documents.

Technical Support: 512.832.6939

Hours of Support: 7:30am – 5pm CST

screeninnovations.com

support@screeninnovations.com

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# OPERATING AND CARE OF YOUR SHADE

- Operation of the shade systems should only be performed by responsible parties.
- Always check the path of the Zen 2 Shade before operating to ensure that the path is clear of furniture or obstacles that could prevent full operation. Monitor the Zen 2 Shade for smooth operation through its entire range. Operating a Zen 2 Shade unattended may lead to damage from obstructions or other causes.
- DO NOT lower Zen 2 Shades during high wind conditions (depends on fabric and site, but general rule is 20 mph and higher gusts). Doing so could result in damage requiring repair by a qualified technician. If the shade system is currently in the down position, it is usually okay to operate the shade and retract it. However, avoid operation at any time high wind conditions are present for proper operation.
- For Zen 2 Zipper Guide– Side Track maintenance is important to ensure proper operation and trouble-free performance of the Zipper track system. An annual or bi-annual cleaning of the side tracks is recommended, clearing any debris and/or dirt/dust that has built up in the track housing and zipper inserts. Light power washing and/or low PSI compressed air may be utilized to clear the debris out from tracks. In some rare dry/dusty conditions, the track may benefit from a light coat of food-grade silicone spray inside the track.
- Fabric maintenance and cleaning– Zen 2 Shade fabric is subject to weather, bugs, and debris under normal use or in storage, requiring occasional maintenance and cleaning. While fading and wear over time are normal, debris and pests could accelerate this wear. Shade fabrics can be rinsed with a hose to clean off debris. A pressure washer with a low pressure nozzle and light, fabric-safe soap may also be used. Scrubbing with a bristle brush or pad is not recommended.
- Fabric maintenance– Cable and No-guide– Cable guide and No-guide shades require occasional maintenance to the cut ends of the fabric. The frequency depends on the fabric, environment, and use. Simply trim the edges with a blade or scissors and cauterize the frays with a lighter or heat gun. Be careful not to leave the heat source on the material too long, or it may damage the material.

# BEFORE PROCEEDING

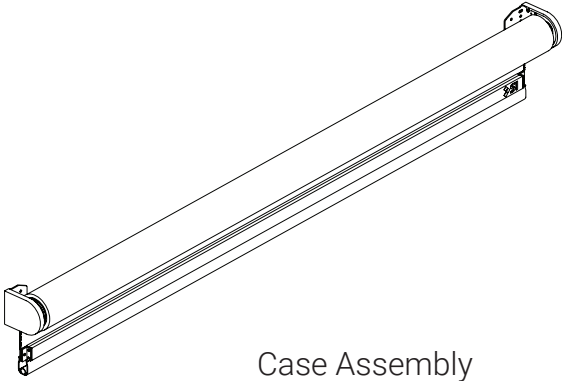
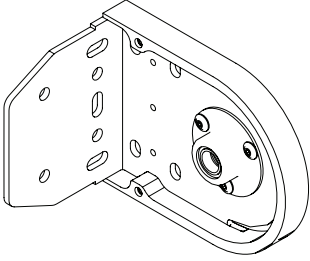
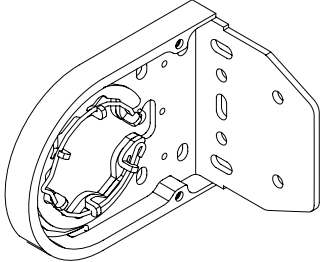
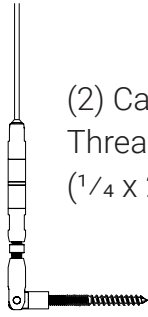
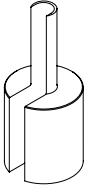

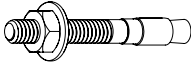
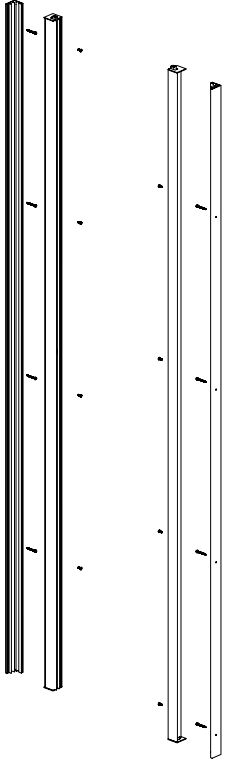
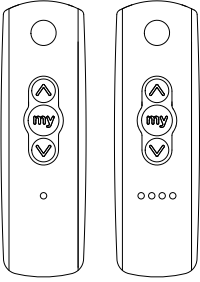




**Read the instructions in their entirety before proceeding. Actions contrary to the instructions invalidate the warranty and may result in serious damage and/or injury.**

**Preparing for installation: It is crucial that all installations are planned out carefully before specifying a shade order.**

- For new construction or difficult installations, order and install the tracks first or utilize pre-construction channels.
- If pre-installing tracks, make sure the tracks are sealed from construction materials during construction.
- Make sure that the tracks and the shade boxes can be installed securely, level, and plumb. Add appropriate blocking or carpentry work before installing tracks and shades.
- If drilling through the bracket is required, the bracket must be square or the door will not line up, causing poor operation.
- Electrical work should be performed following appropriate electrical codes and regulations by a licensed electrical professional.
- Use fasteners appropriate for the structure the Zen 2 shade will be mounted to.
- Do not use any sharp blades when opening the packaging.

PARTS IN THE BOX – ZEN 2 ROLL

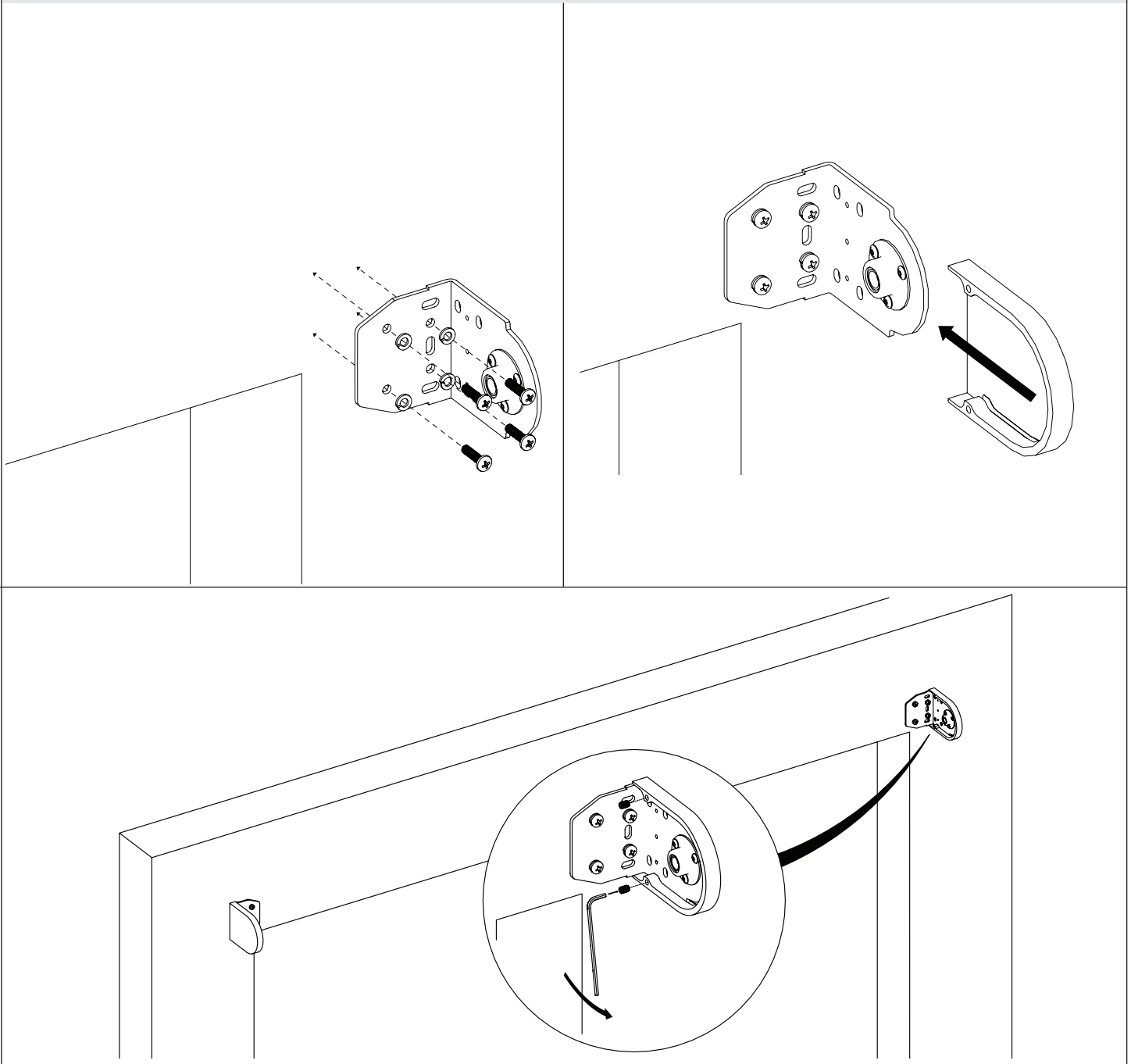
<div>Shades</div> <div></div> <div>Case Assembly</div> <div>Mounting Bracket Options</div> <div></div> <div>(2/3) Idler side</div> <div></div> <div>(2/3) Motor side</div>	<div>Cable Guides Only</div> <div></div> <div>(2) Cables Thread size (1/4 x 20)</div> <div></div> <div>Quick Release Tool</div> <div></div> <div>(2) L Brackets</div> <div></div> <div>(2) Steel Anchor</div>	<div>Zipper Tracks Only</div> <div></div>	<div>Accessories Options</div> <div></div> <div>Remotes &amp; Other Control Accessories (Sold Separately)</div> <div></div> <div>RJ 45 Coupler (485 shades)</div>	<div>Required Hardware</div> <div></div> <div>(6) Mounting Screws</div>
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# INSTALLATION – MOUNT THE BRACKETS (WALL MOUNT)

**BEFORE INSTALL–** On inside mount installation, check upper corners of the opening clearance as necessary to prevent interference with the bracket and end caps.

- 1 Use appropriate fasteners to mount the brackets to vertical structural supports. Mount brackets at the width the shade was ordered. All brackets must be level to each other.

**NOTE:** Ensure the fasteners used are adequate for the weight of the Zen 2 Shade and the structure.

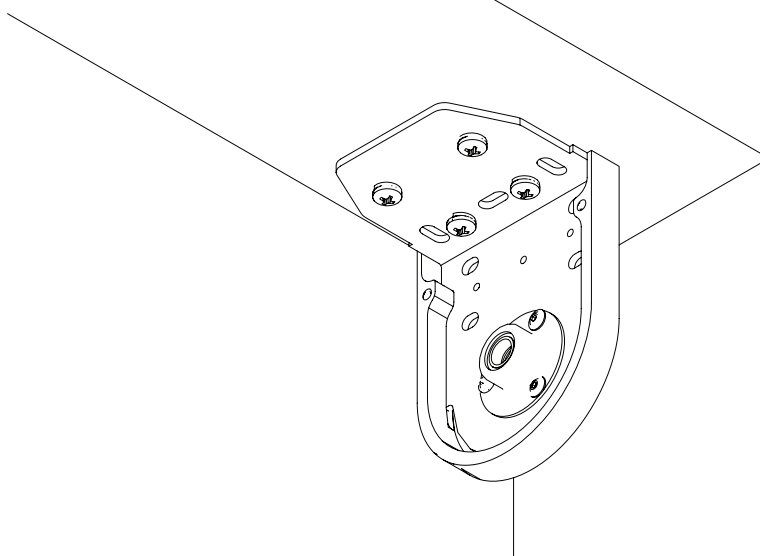
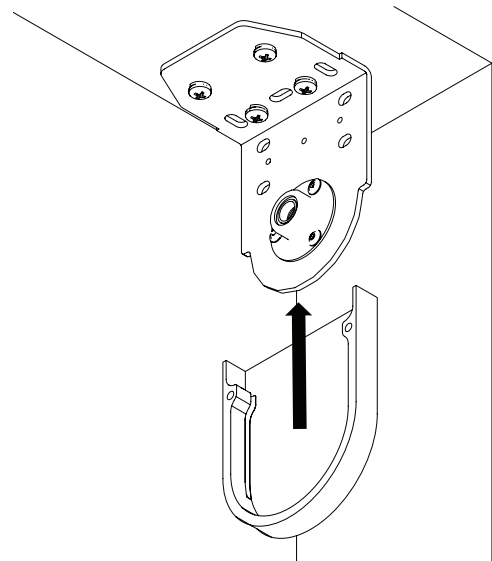
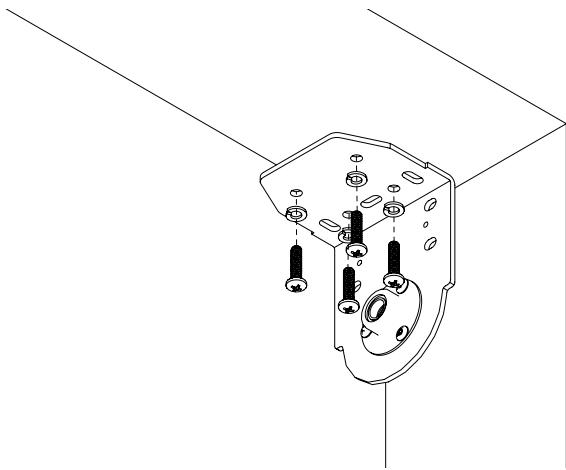


# INSTALLATION – MOUNT THE BRACKETS (CEILING MOUNT)

**BEFORE INSTALL** – On inside mount installation, check upper corners of the opening to ensure necessary clearance to prevent interference with the roll brackets.

- 1 Use appropriate fasteners to mount the brackets to horizontal structural supports. Mount brackets at the width the shade was ordered. All brackets must be level to each other.

**NOTE:** Ensure the fasteners used are adequate for the weight of the Zen 2 Shade and the structure.



# INSTALLATION – MOUNT THE MATERIAL ROLL

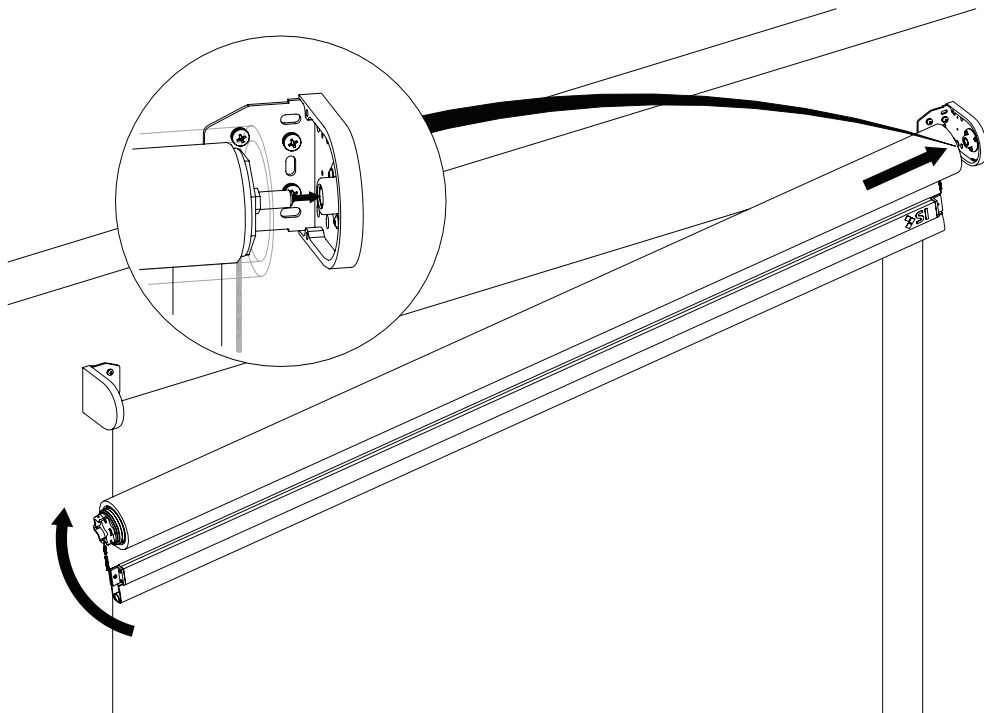
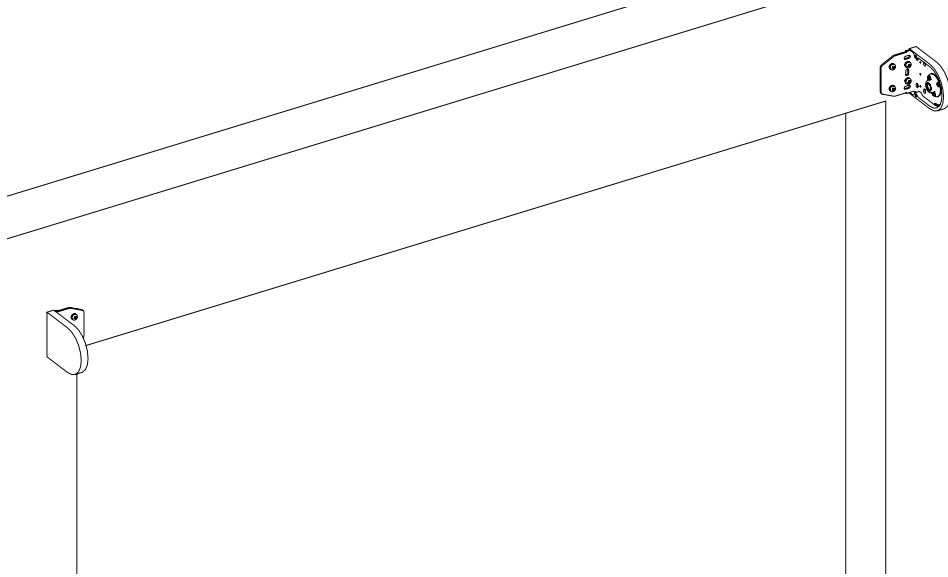


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Installation requires two or more people and/or hoisting equipment. Use safe lifting and rigging techniques.

2

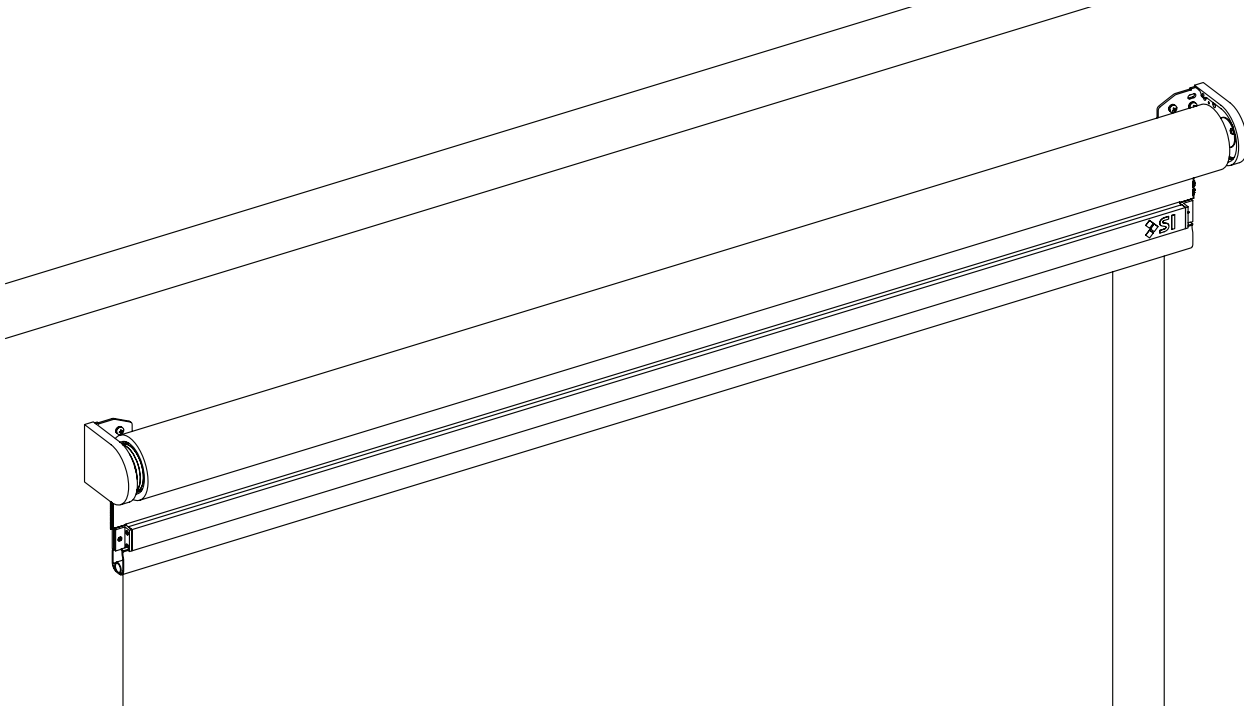
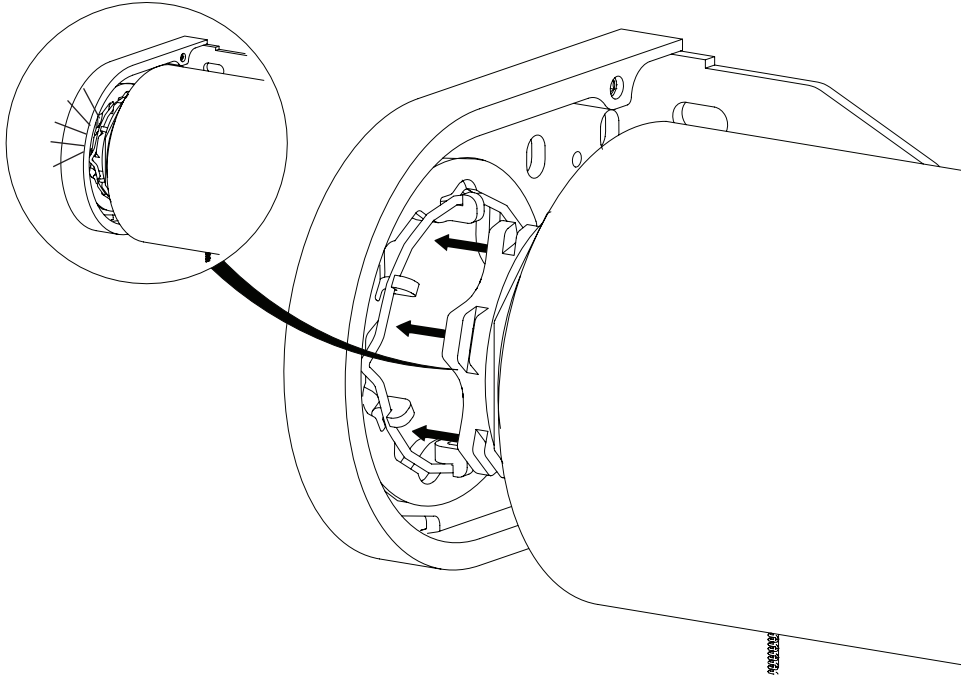
Remove the material roll and install between the two brackets. Insert the idler shaft into the idler bracket bushing.



## INSTALLATION – THE MATERIAL ROLL

3

Once the idler side is installed, push the motor side into the other bracket end. The material roll will “click” into place.

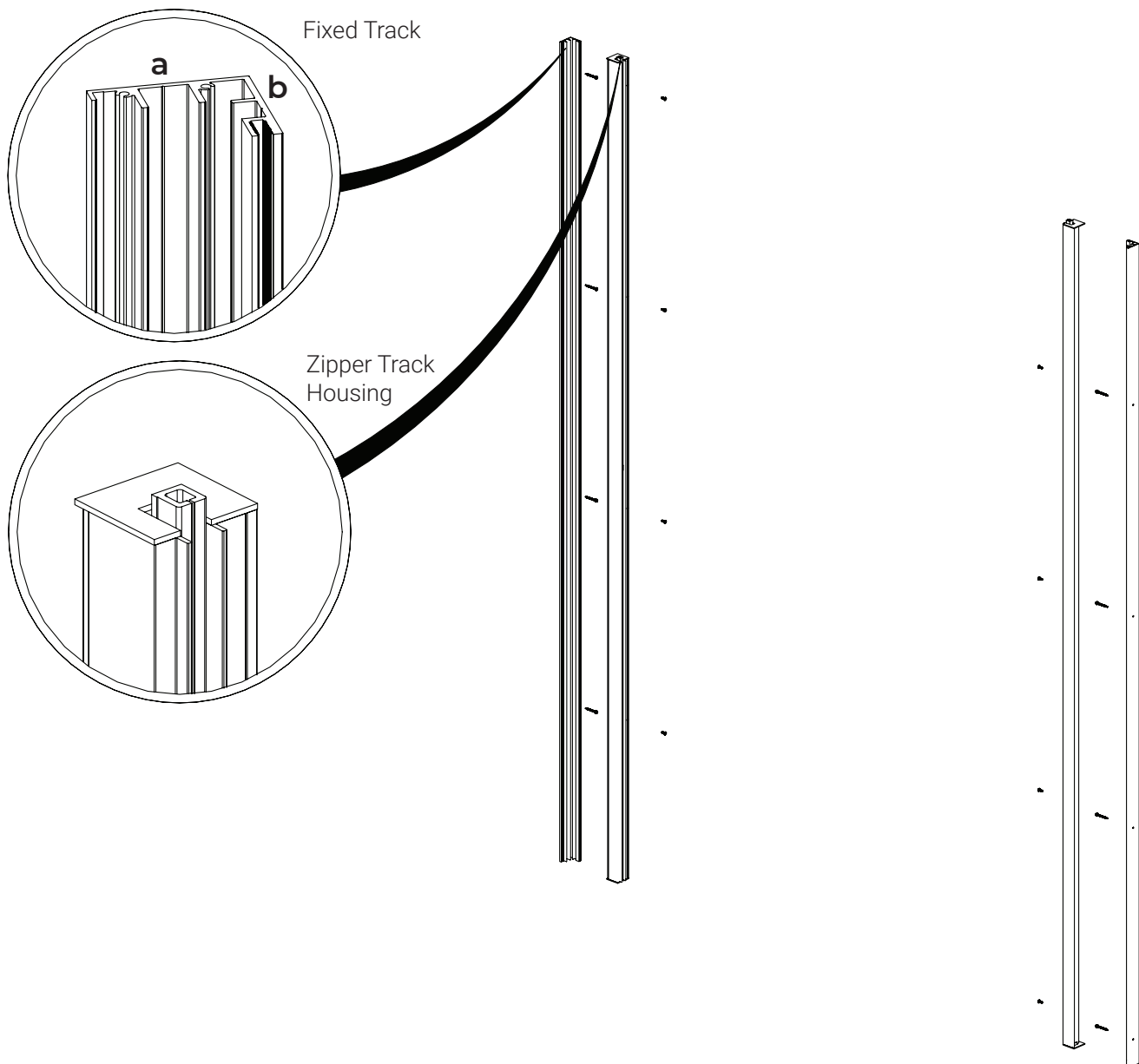


# INSTALLATION – ZIPPER TRACKS

**NOTE:** For cable guide, see *page 12*.

- 1** Disassemble the track by removing the screws holding the zipper track assembly to the mounting side of the track. Pull the zipper track assembly away from the mounting side.

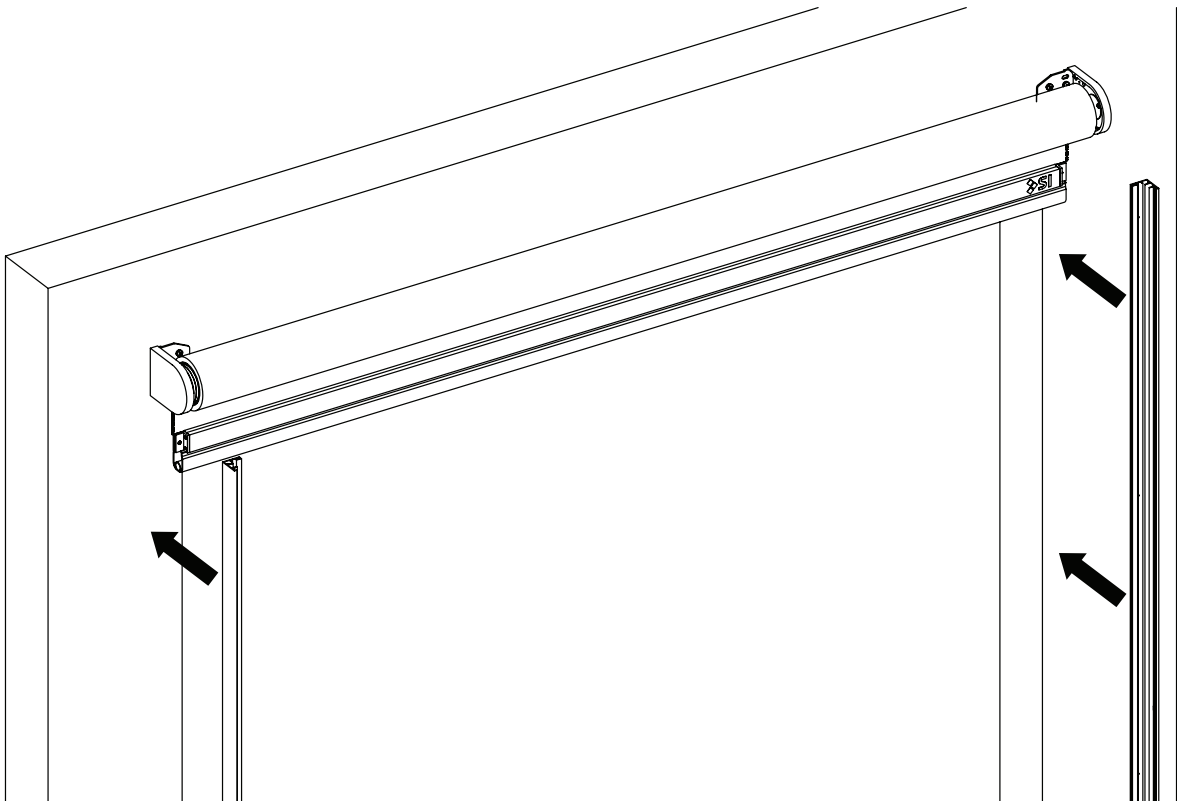
**For the next step, use fixed track side “a” for inside mounting; use fixed track side “b” for wall mounting.**



## INSTALLATION – ZIPPER TRACKS

- 2 Position the fixed track  $\frac{1}{2}$ " below the brackets and in line with the fabric. Outside of the track should be flush with bracket end caps.

**NOTE:** Make sure that the tracks are mounted level and plumb in all directions.

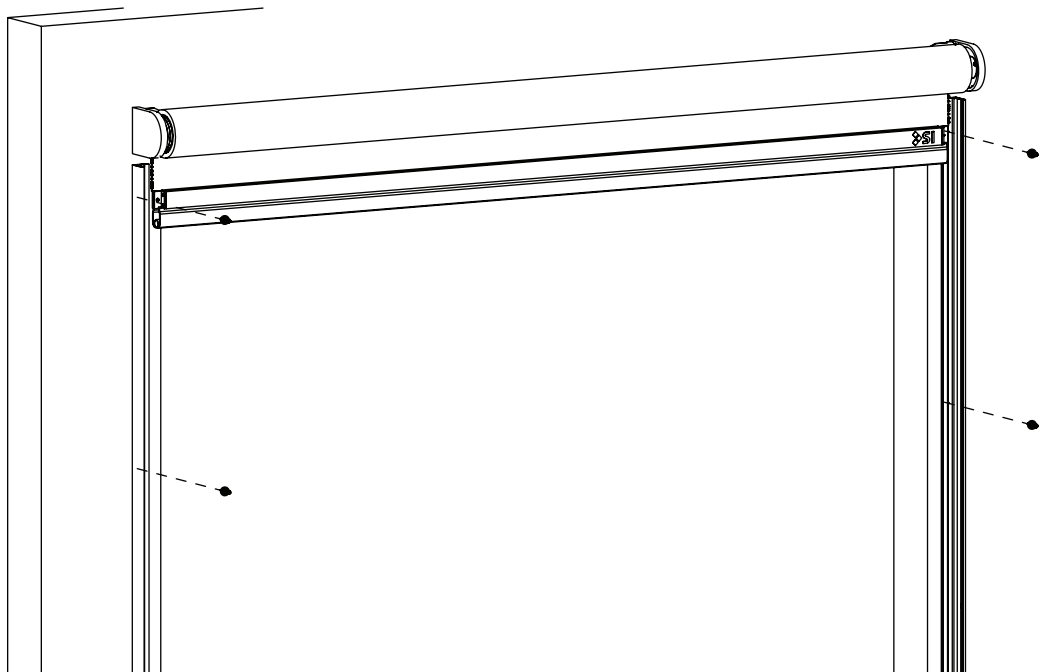
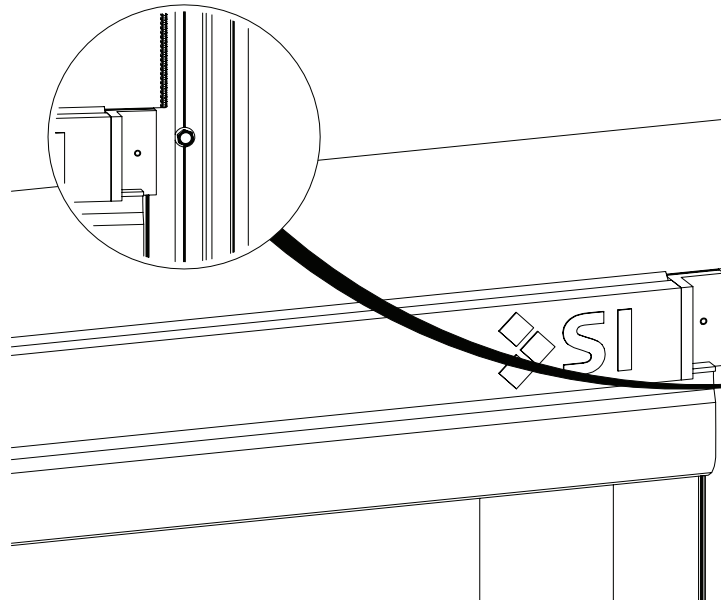


# INSTALLATION – ZIPPER TRACKS

- 3** Use appropriate fasteners to secure the track to the installation location, and secure the track against the mounting surface.

Screw placements of zipper track into wall are: 6" from the bottom, every 2' after that, and 6" from the top.

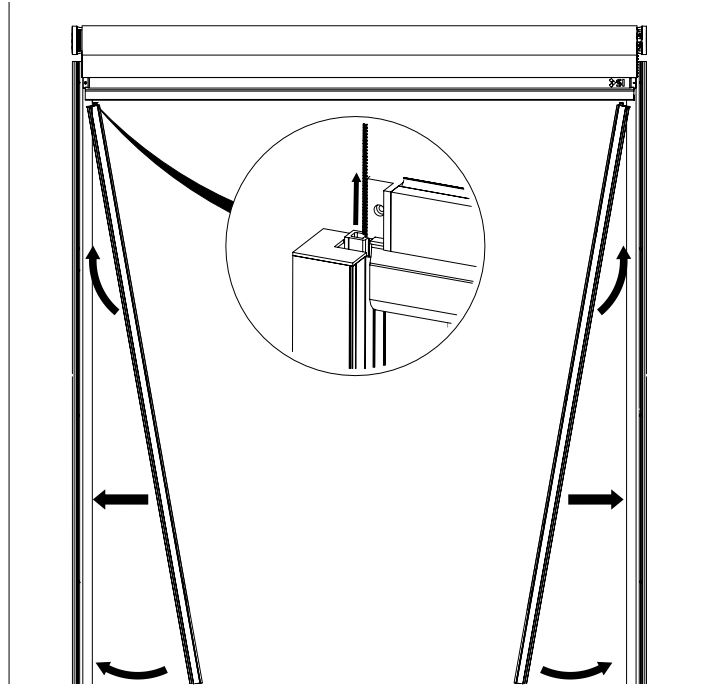
**NOTE: Pre-drilling for anchors along the score line will expedite and simplify the installation process.**



## INSTALLATION – ZIPPER TRACKS

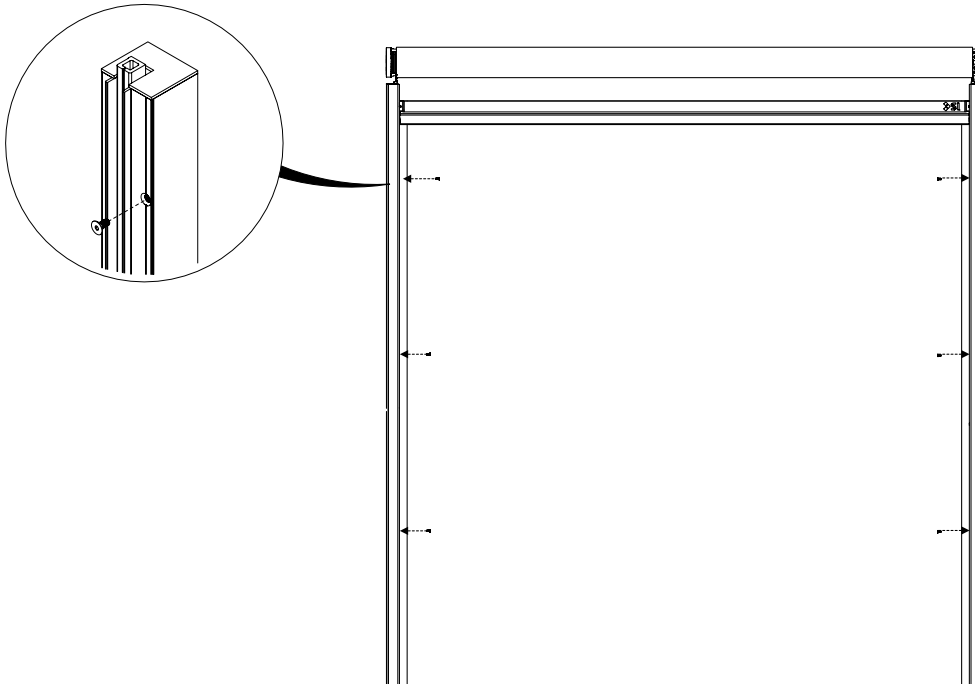
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Angle the top of the zipper track housing and align under the material path. Feed the zipper into the top of the zipper track housing and pivot the bottom until it seats with the fixed track.



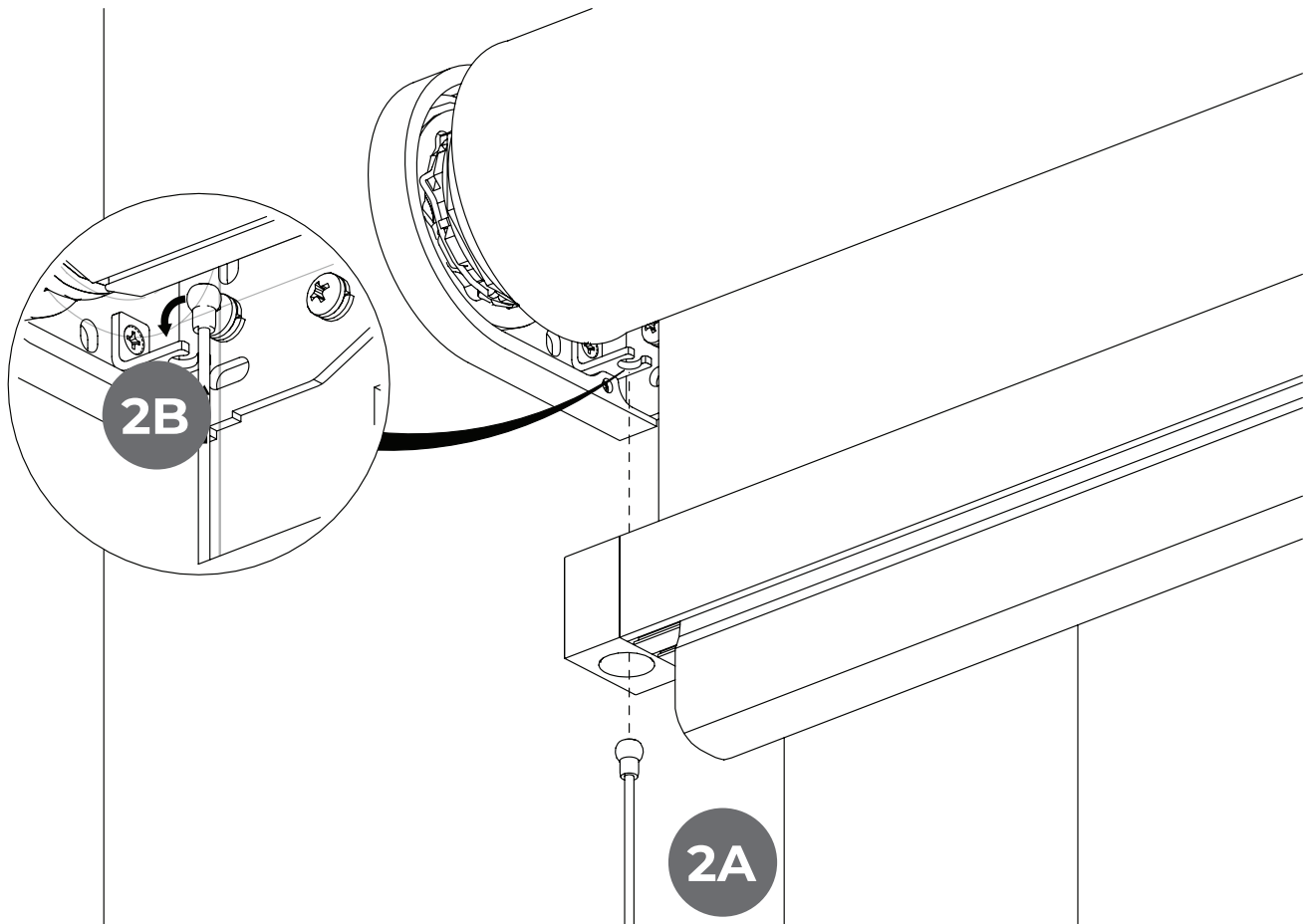
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Secure the zipper track housing to the fixed track with screws.



## INSTALLATION – THE CABLE GUIDE MOUNTS

- 1** a. Run the cable through the hem bar end cap and position the crimped end just above the cable mount.  
b. Capture the crimped end of the guide cable as pictured in figure 2B.



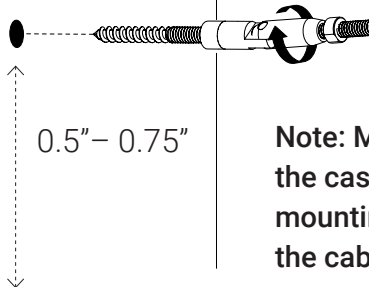
# TENSIONING – THE CABLE GUIDES

- 2** Screw the tensioner to the mounting surface, cut the cable to the appropriate length (**see note A below**), and insert the cable to the tensioner. **See note B**, to tighten the cable. Set tension by rotating the locknut clockwise; it should seat firmly against the bottom of the tensioner. The wall anchor should be mounted 0.5" to 0.75" above the ground.

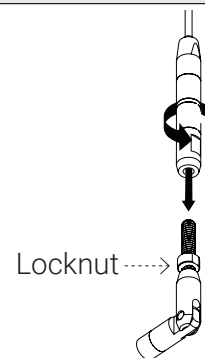
**Note A:** Make sure that the cables are mounted plumb from all directions, and the cassette is level. As a final check, ensure the left and right cables are the same distance apart from top to bottom, within 1/4." Measure from the cable mount to the tensioner mounting hole and take appropriate deduction to cut the cable.

**Note B:** Turn clockwise to tighten and counterclockwise to loosen. Follow appropriate instructions for anchoring into the substrate.

## Wall Mount



**Note:** Measure from the bottom of the cassette to the cable tensioner mounting hole, deduct  $2\frac{7}{8}$ ", and cut the cable to length.

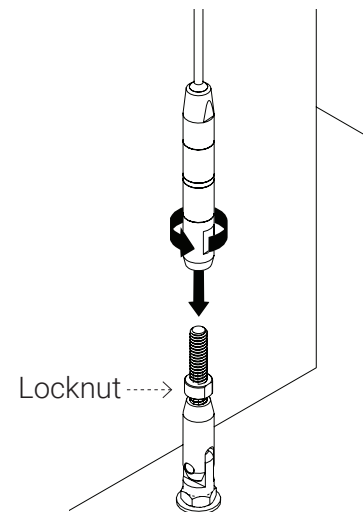


## Floor Mount




**Note:** Measure from the bottom of the cassette to the cable tensioner mounting hole, deduct  $3\frac{1}{2}$ ", and cut the cable to length.

For concrete floors only, drill a 1.5" deep hole into the floor for the anchor, which attaches to the floor mount.

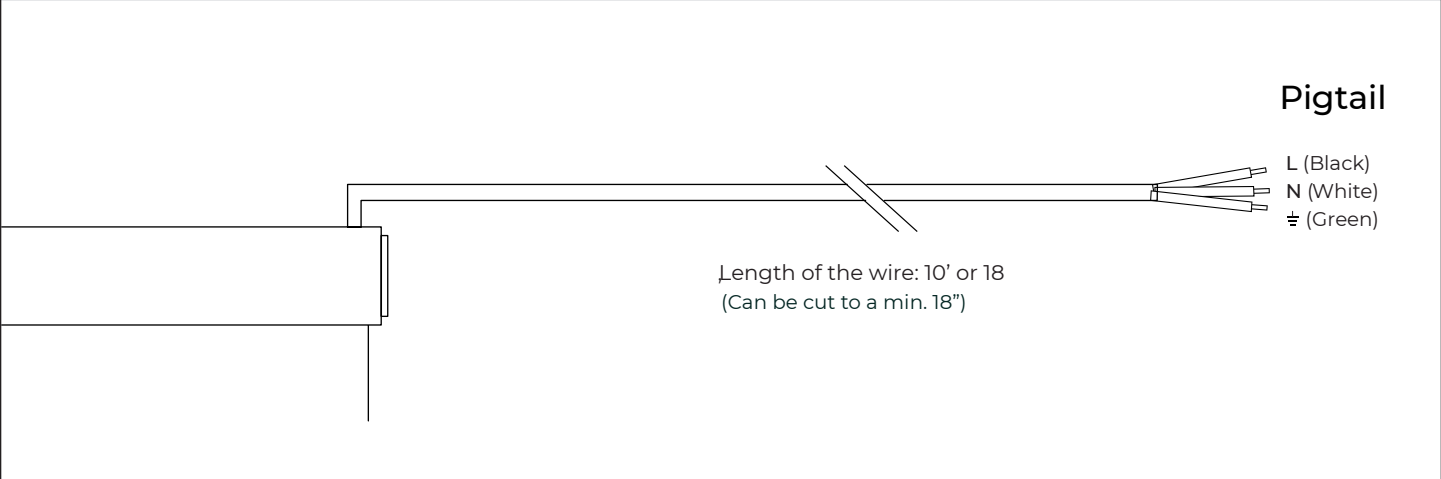


**NOTE:** Cable Guides come with a Quick Release tool kit; refer to the instructions on the back or scan the QR code to see a video to release the cable guides if required.

# LINE VOLTAGE (110v AC/ 60Hz) – WIRING







Installation must follow all local electrical codes when working with 110v AC power, use a certified electrician when necessary.




## Adjusting the Limits in User mode

Your programming remote comes factory set with the limits. If adjustments to the limits are required, follow the steps below:

To change the lower limit Send the motor to it's current lower limit.	To change the upper limit Send the motor to it's current upper limit.
 Press both ⬆ and ⬇ at the same time until the motor jogs. Adjust to a new lower limit position.	 Press both ⬆ and ⬇ at the same time until the motor jogs. Adjust to a new lower limit position.
 Press ⏻ until motor jogs.	 Press ⏻ until motor jogs.

To reset the limits, or add/delete a transmitter or channel, or set a new preferred position, scan the QR code. Alternately, use the link below and go to the "Guides" tab to access.

<https://files.screeninnovations.com/Downloads/Programming+Guides/quick-motor-commisioning-guide.pdf>



# RESET AND PROGRAMMING GUIDE

## Motor Reset and Pairing with Remote Control

**NOTE: Somfy RTS motors use the same procedure to Pair and Unpair an RTS transmitter; you must power only one motor at a time when configuring.**

- ① Start with having power applied to the motor.
- ② Remove the power for two (2) seconds.
- ③ Re-apply power for ten (10) seconds.
- ④ Remove the power again for two (2) seconds.
- ⑤ Re-apply power. The shade will begin to move.
- ⑥ When the shade comes to a stop, press and hold the programming button on the back of the remote until the shade jogs twice (a single jog is one (1) UP and one (1) DOWN movement). Do not release the button until the shade jogs twice or you be required to restart the power-cut process.
- ⑦ To pair the RTS remote to the shade, press and hold the UP and DOWN buttons simultaneously until the shade jogs once.  
**NOTE: If using a multi-channel remote, select the needed channel on the remote before programming.**

## Motor Limit Setting and User Mode:

- ① If the remote control is already paired to the motor using the steps above, continue to Step 2. Otherwise, using the remote, press and hold the UP and DOWN buttons simultaneously until the shade jogs once.
- ② Check that the motor direction is correct (UP moves the shade up, DOWN moves it down). If incorrect, reverse the motor direction by pressing and holding MY/STOP until the shade jogs once.
- ③ Move the shade to the desired upper limit; press and release the MY/STOP and DOWN buttons until the shade starts to move down. If it does not start moving on button release, repeat this step.
- ④ Once the shade begins to travel down by itself, press MY/STOP when it gets close to the desired lower limit.

# LINE VOLTAGE (AC – 485 CONTROL) – WIRING

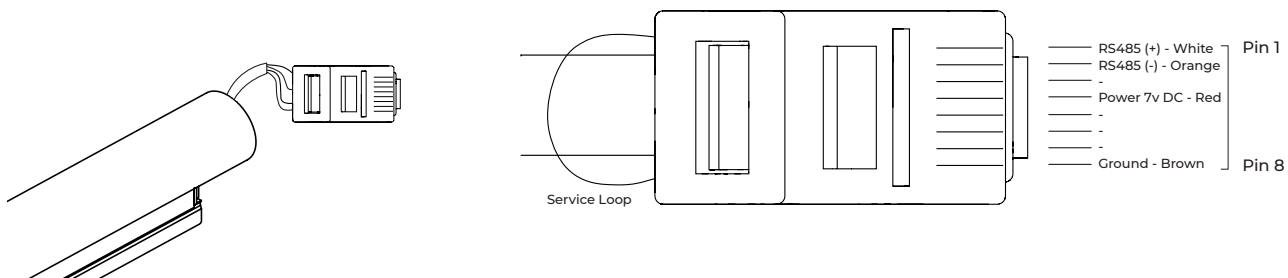
- 5 Move the shade to the desired lower limit and then press and release the MY/STOP and UP buttons until the shade starts to move up. If it does not start moving upon button release, repeat this step.
- 6 While the shade is travelling up, press the MY/STOP button to stop the shade anywhere between the newly created limits.
- 7 Press and hold the MY/STOP button until the shade jogs once to complete and exit the Motor Programming.
- 8 Press and release (do not hold) the programming button on the back of the remote, the shade will jog one time confirming the programming completion. This finalizes the programming, commits the programming to memory, and puts the shade into User Mode.

Terminate the data wires into the provided terminal block shown below for **485 control wiring**.

## Motor Quick Commissioning Guide:

Based on your order, refer the motor (485/ RTS) your screen/shade uses. Scan the QR code, alternately use the link to access:

<https://files.screeninnovations.com/Downloads/Programming+Guides/quick-motor-commissioning-guide.pdf>



NOTE: Red Service loop, can be cut to disable the DC output from an AC 485 motor.

# CONTROLS GUIDE REFERENCE

With each screen order, you will receive one of the Control Guides below, detailing integration with the control system.

## **Fontus Motor Conversion Instructions:**

Scan the QR code; alternatively, use this link to access:

<https://si-website-files.s3.amazonaws.com/Downloads/Installation+Instructions/Connectivity/fontus-motor-conversion-installation-instructions.pdf>



## **TRO.Y Installation Instructions (RS232, IP Control, 3rd party Control system):**

Scan the QR code; alternatively, use this link to access:

<https://si-website-files.s3.amazonaws.com/Downloads/Installation+Instructions/Connectivity/troy-installation-instructions.pdf>



## **LinkPro Z Installation Instructions (IP Control, 3rd party Control system):**

Scan the QR code; alternatively, use this link to access:

<https://si-website-files.s3.amazonaws.com/Downloads/Installation+Instructions/Connectivity/LinkProZ-installation-instructions.pdf>



## **Technotes (For all popular Control systems):**

Go to the "Technotes" tab under the Accessory (connectivity) product - support page to access the most relevant technote for your control system.

## **Tahoma Installation Instructions (IP Control, Third Party Control system):**

Scan the QR code; alternatively, use this link to access:

<https://si-website-files.s3.amazonaws.com/Downloads/Installation+Instructions/Connectivity/tahoma-installation-instructions.pdf>



Problems related to electrical or motor function may require a qualified service person or electrician. For issues surrounding installation and operation, contact the **Screen Innovations Technical Service team at 512.832.6939.**

# NOTES

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