

# KAOS Shades

## Installation Instructions

### Outside Mount



INSTALLERS: PLEASE LEAVE THIS MANUAL WITH THE OWNER.





Scan this QR code to refer to the warranty for this SI product.



Please use this QR Code to access the updated installation instructions and related documents on Zendesk or ask the AI chatbot.



Technical Support: 512.832.6939  
Hours of Support: 8am – 6pm CST

shadeinnovations.com  
techsupport@shadeinnovations.com

# TABLE OF CONTENTS

Parts Included / Tools Needed .....4

Unboxing And Site Preparation.....5

Bracket Installation.....6

Power Wire Preparation.....7

Cassette Installation .....8

Installation Of The Fabric Roll .....9

Power And Programming .....10

Measuring And Cutting The Tracks.....10

Track Installation On Surface/Wall Mount .....11 - 12

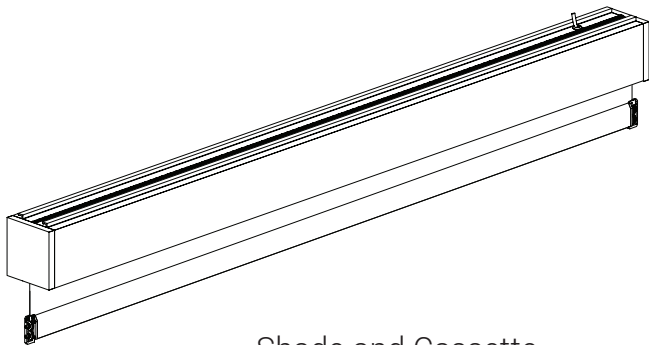
Fine Tuning And Tracking Management.....12

Best Practices Summary .....13

Troubleshooting.....14

# PARTS INCLUDED / TOOLS NEEDED

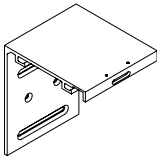
**Note:** Before starting, verify that all parts and tools are present. Accurate measurements and proper leveling are crucial for a seamless installation.



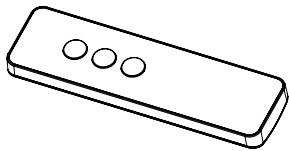
Shade and Cassette  
(Preassembled)



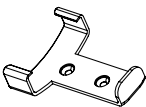
(2) V-Tracks



Wall Mount  
Brackets



Remote



Remote Holder



AAA Batteries

**Note: NEMA plugs are not included and must be sourced from a third party.**

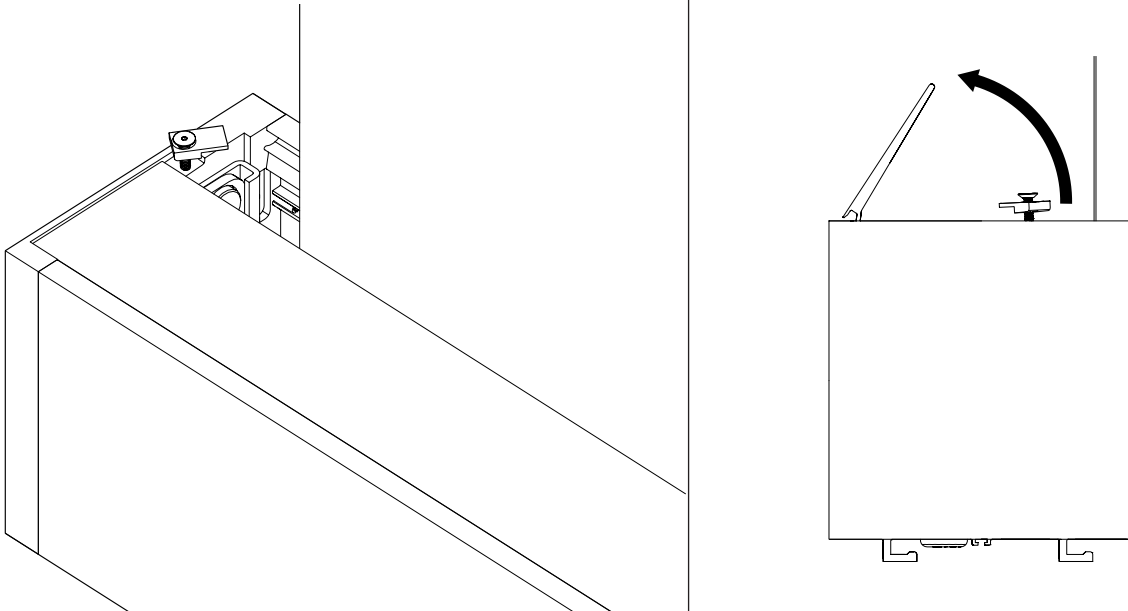
## Required Tools for Installation

- Headlamp
- Multimeter
- Measuring Tape
- Driver and Bit Set
- Miter Saw (Chop Saw) with a 7-inch - minimum blade (Best Practice: Ensure the blade is suitable for cutting aluminum.)
- Drop Cloth or Tarp
- Drill & Bits (Best Practice: Use Headlok or TORX lag screws for optimal results.)
- 4–6 Foot Level
- Wiring Tools
- Application-specific fasteners for Tracks
- Standard Drill Bit Set
- Hex Key Set
- 110VAC Wire Terminations (Note: Use a NEMA Plug or WAGO/Wire Nuts as specified.)
- Eye Safety glasses
- Drop Cloth or Tarp
- (2) Saw Horses or 4-foot Ladders
- Personnel Ladders

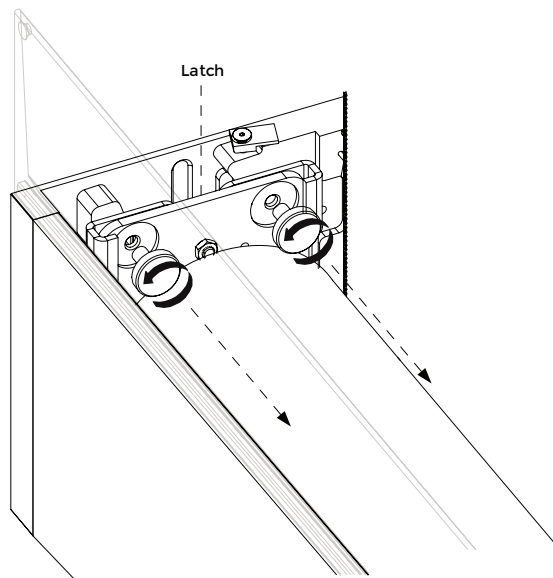
# UNBOXING AND SITE PREPARATION

**Note:** Use the packaging to rest the finished surfaces on to prevent scratching on concrete.

- 1** Loosen screws on the door latches using a 5/64 allen wrench allowing the latches to rotate inwards. **DO NOT REMOVE THE SCREWS.** Open the door.



- 2** Undo the silver safety screws, then press the latch release and pull the roll out.



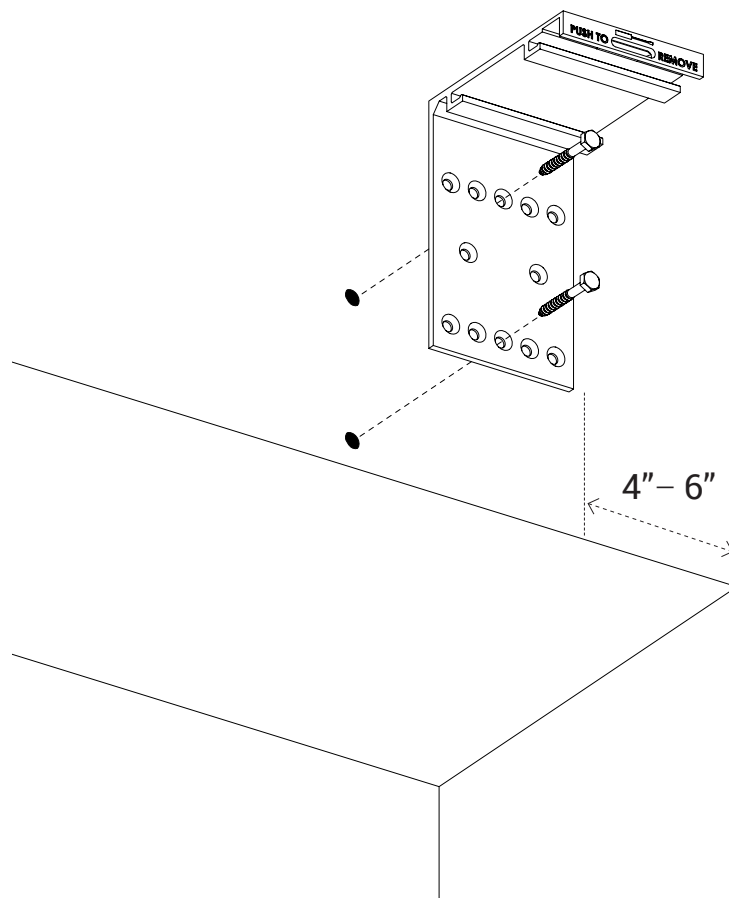
**Note:** Make sure to put the Fabric Roll on a protected surface

# BRACKET INSTALLATION

**Note:** Before you start, ensure the screws or anchors used are of the proper quantity, size, and type compatible with the structural substrate and rated for the weight being carried (refer to shipping documents or the box label).

## 3 Install Wall Mount Brackets

- Use appropriate fasteners to mount the brackets to structural supports:
- Mount brackets between 4–6" from the opening ends (If your shade includes additional brackets, they are intended to prevent cassette sag and should be mounted equal distances from the outside brackets).
- All brackets must be in line and level with each other.
- For shades under 18' wide, only two brackets are necessary; if the shade is wider than 18', use three brackets.



# POWER WIRE PREPARATION



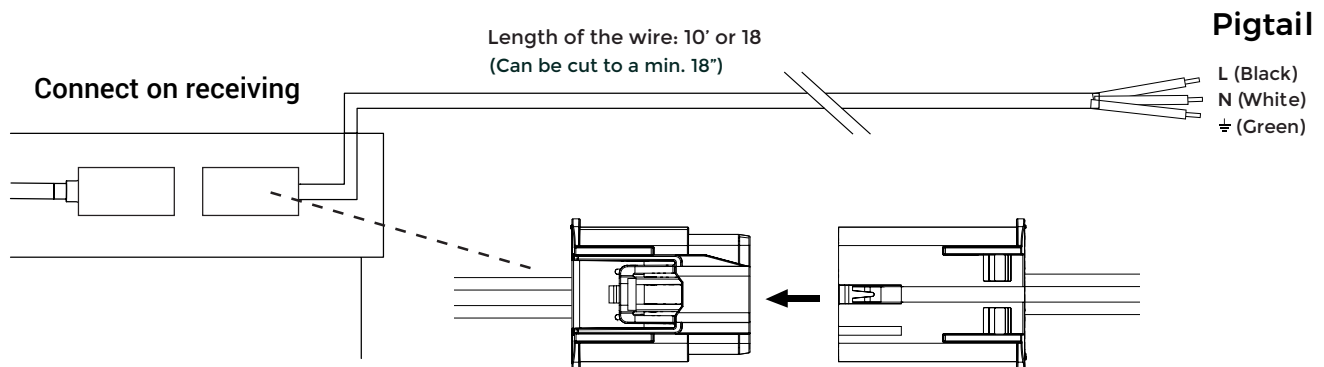
Installation must follow all local electrical codes when working with 110v AC power, use a certified electrician when necessary.

**Note:** All Kaos shades have an internal disconnect and ships disconnected. Before running the shade, open the shade door and complete the connection.

**4**

## Prepare the Power Wire

- Ensure the power wire is secured through the cassette on the side that will be the final termination side.
- Make sure these wires are secured so that they will not be damaged during installation of the cassette.



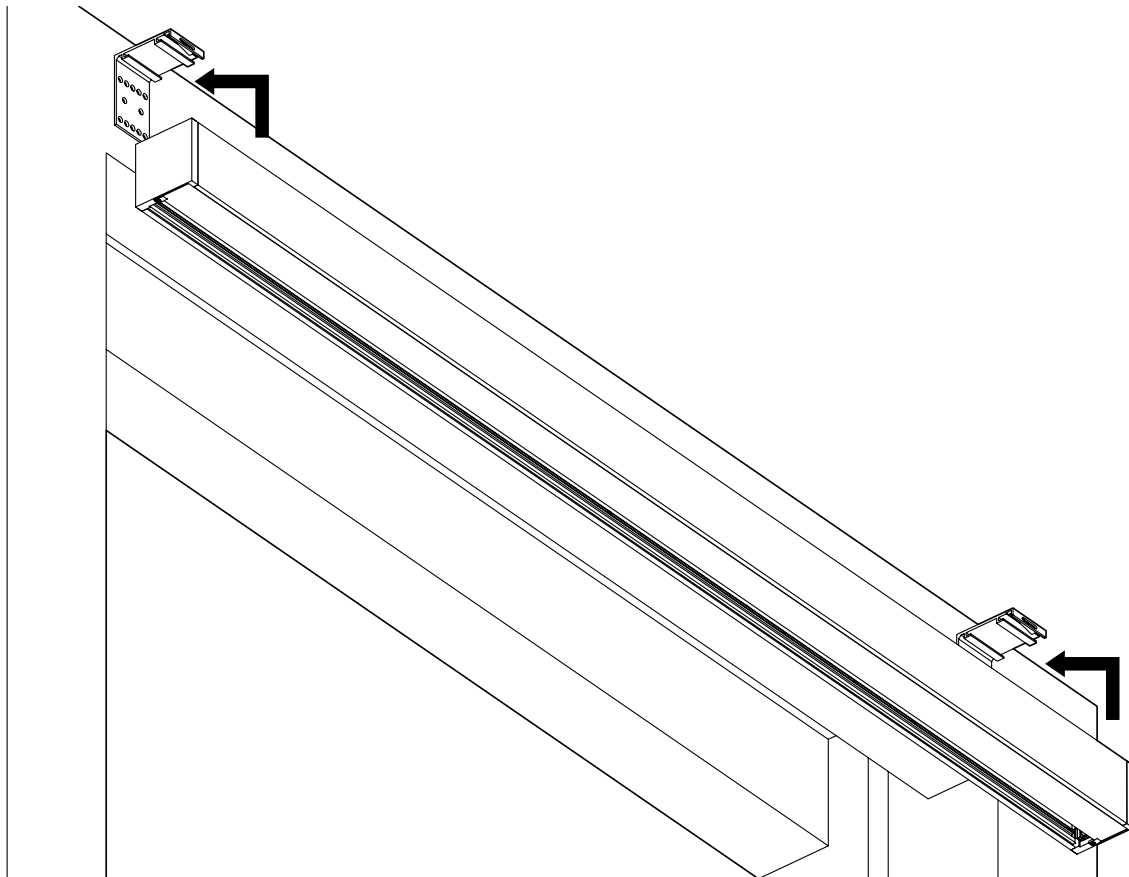
# CASSETTE INSTALLATION

**Caution:** Cassette installation requires two or more people and/or hoisting equipment. Always use safe lifting and rigging techniques.

**Best Practice:** Ensure that the fabric roll with the tube is uninstalled before mounting the empty cassette.

## 5 Install Cassette

- a. Remove the material roll from inside the cassette and set it aside.
- b. Lift the cassette straight up and hook it onto the installed brackets. Once engaged, the cassette should “click” into place.



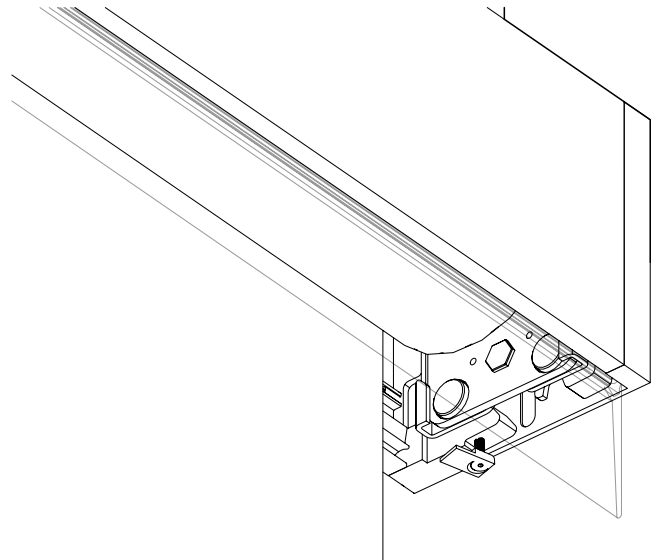
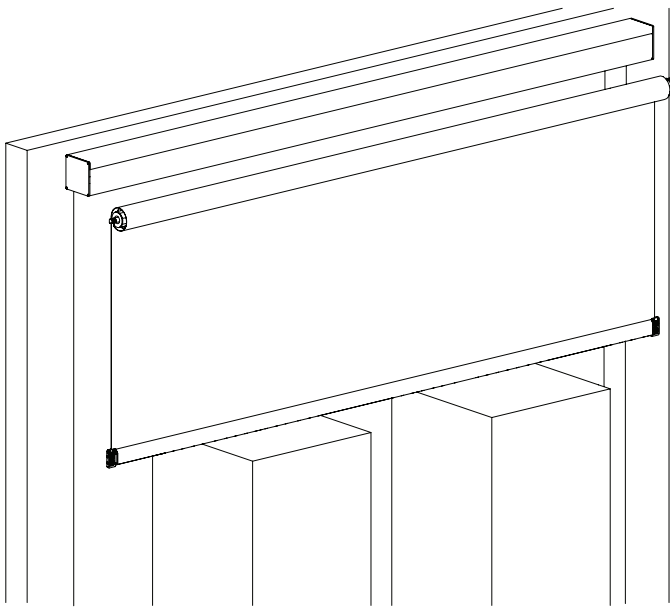


# INSTALLATION OF THE FABRIC ROLL

6

## Install the Fabric Roll

- a. Rest the bottom/weight bar on the 2 saw horses or small ladders.
  - **Best Practice:** In the absence of saw horses, you can rest the weight bar on the ground—use some of the packaging to prevent scratching on the finished surfaces.
- b. Completely unroll the fabric until you are working with the bare aluminum tube.
- c. Note the motor side and idler side.
  - **Best Practice:**
    - The idler plate can easily fall off laterally.
    - The motor plate is secured on.
    - Position the brackets so that they will be in the correct orientation for installation.



- d. Position both sides under the cassette and push up into the cassette simultaneously on the left and right.
  - **Caution:** If one side goes in first, it can be difficult to get the other side in.
  - **NOTE:** An audible click is heard when the shade is secured.
- e. Fasten the silver safety screws on the mounting plates to secure the material roll.

# POWER AND PROGRAMMING

Depending on the motor ordered with your shade, you will use one of the following Guides below, detailing how to program the motor.

## SI KAOS Motor Programming Guide:

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

<https://files.screeninnovations.com/Downloads/Programming+Guides/Shade/kaos-si-motor-programming-guide.pdf>



## KAOS Somfy Motor Programming Guide:

Scan the QR code; alternatively, use this link to access instructions and programming guide:

<https://files.screeninnovations.com/Downloads/Programming+Guides/Shade/kaos-somfy-motor-programming-guide.pdf>



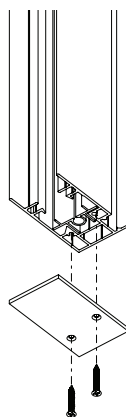
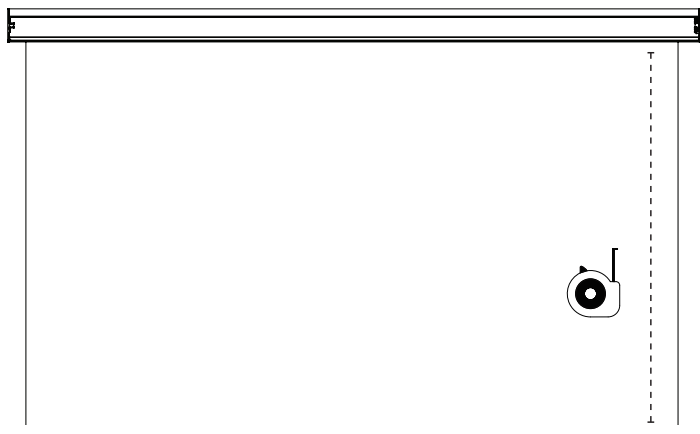
# MEASURING AND CUTTING THE TRACKS

- Note:**
- Tracks are labeled as Left and Right on the top side of the tracks.
  - The top of the tracks is indicated by the black “Kedar Feeder” and the removable “Bumper.”

- 7**
- Measure the distance from the bottom of the case to the floor.
  - Subtract 1/2” from that measurement—this is the length the tracks need to be cut.
  - Remove the bottom cap from each track.
  - Cut the track to the length from Step b, trimming only the bottom end of the track (do not cut the top).

**Track Cut Length = (Distance from bottom of case to floor) – 1/2”**

Make sure to cut only the bottom end of the track to this length.



**Note:** - Eye protection is required!

**Note:** - Repeat this process for each track. Only cut one at a time — cut then install — to prevent tracks from being mixed up and to maintain progress.

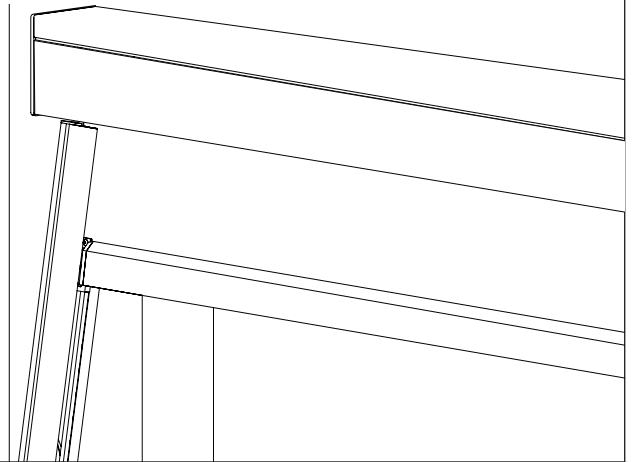
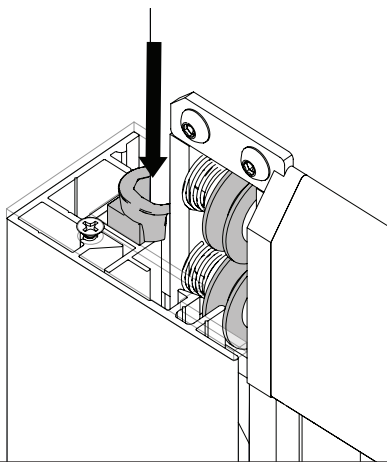
# TRACK INSTALLATION ON SURFACE/WALL MOUNT

## 8 Install the Tracks

- a. Roll the shade down about 18 inches.
- b. Feed the fabric v-channel cable into the eyehole at the top of the track. (The wheels on the bottom bar will be fed into the V-Track at this time.)

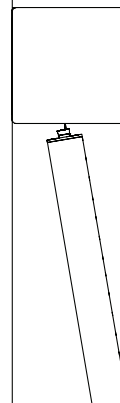
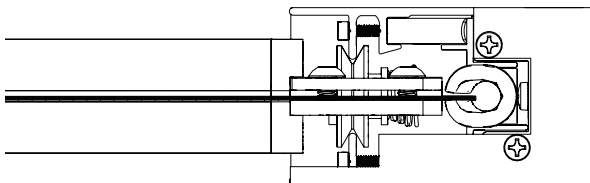


Use the QR code for a detailed video of this process.



- c. Secure the V-Track flush to the side of the cassette.
  - d. Secure the track with application-specific screws (not included).
- **Best Practice:** For the second track, you should feel some tension when securing flush with the cassette—this is intentional as it adds tension to the fabric.

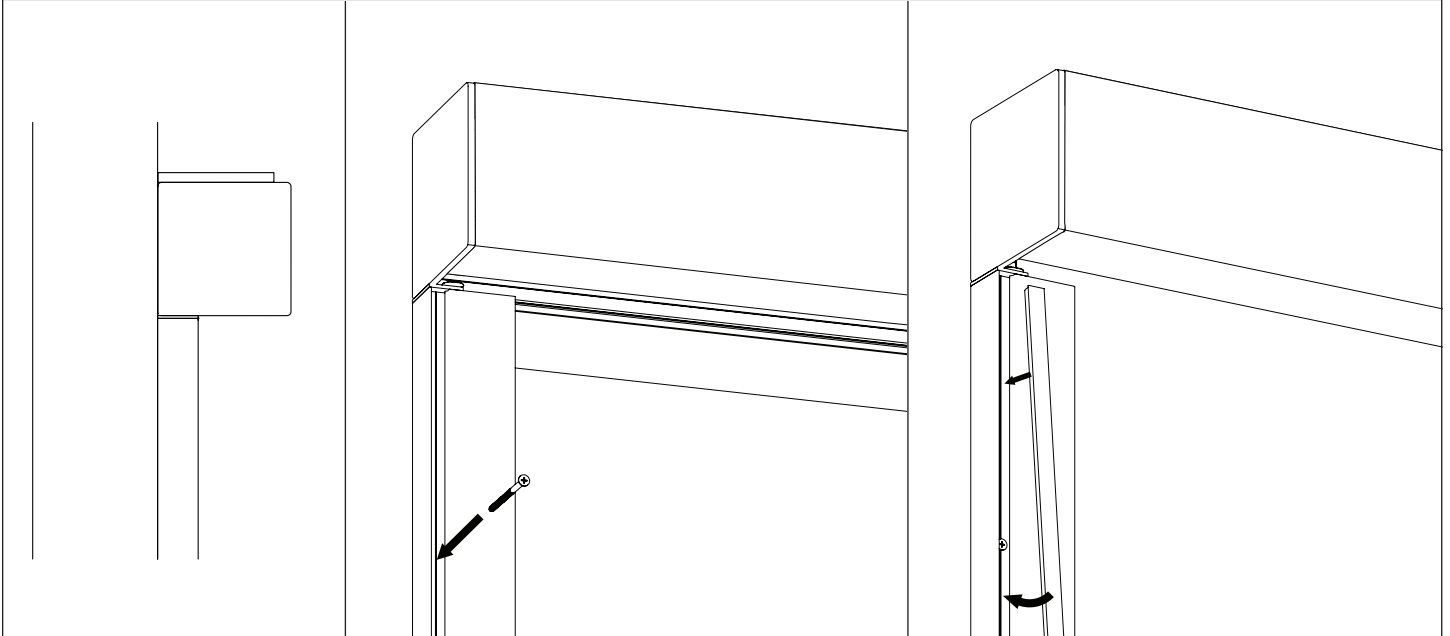
**Note:** Ensure the wheels are correctly positioned and properly aligned with the track for smooth operation.



**Note:** To confirm proper placement of the tracks please run the shade up and down a few times to confirm the proper positioning of the weightbar, before securing the tracks.

- 9** Before securing the track, lower and raise the screen twice to assist with proper positioning of the track. Move the weightbar to the position you intend to secure the track. Screws should be positioned every 24 inches. Use a rubber mallet to gently snap the track cover into place.

**Note:** Position your weightbar at the same level where the screw will be installed.



## FINE TUNING AND TRACKING MANAGEMENT

- 10** Fine Tune the Installation

- Fine tune the upper and lower limits. Refer to the Motor Programming Guide.
- Check the shade for level and the tracks for plum to ensure the fabric is rolling without telescoping or binding.

# BEST PRACTICES SUMMARY

## 1. Tools

- a. Use application-specific fasteners (Headlok or TORX lag screws are ideal).
- b. When using a miter saw, ensure the blade is suitable for cutting aluminum.

## 2. Cassette Installation

- a. Ensure the fabric roll with the tube is uninstalled before installing the empty cassette.
- b. For top/ceiling mount installations, select a screw or anchor with a shallower head profile to avoid contacting the shade material roll, and take care not to over-torque to prevent deformation.

## 3. Fabric Roll Installation

- a. If saw horses are unavailable, rest the weight bar on the ground using packaging to protect finished surfaces.
- b. Confirm the proper orientation of the motor side and idler side; position brackets accordingly.


## 4. Measuring and Cutting

- a. Only cut one track at a time—cut then install—to avoid mixing up tracks.

## 5. Track Installation

- a. For the second track, ensure you feel tension when securing flush with the cassette to add the necessary tension to the fabric.

# TROUBLESHOOTING

Issue	Possible Cause	Solution
Shade won't go all the way up or down	Motor programming issues	Reset the motor and reprogram the limits.
Fabric is not level when fully rolled up	Shade isn't level	Level the cassette.
Weight Bar is binding when traveling down	Guide wheels are not aligned correctly in the V-channel track	Ensure the wheels are properly aligned.
Weight Bar is binding when traveling down	Tracks aren't level and are wedging in or out	Check that the tracks are level and adjust as necessary.
—	The shade is tracking very far to the left or the right	Offset the tracking by adding material under the fabric on the side opposite the gathering. Confirm that the Cassette and weightbar are level. For example, if the shade is gathering on the left, add layers of thick tape (2 layers at a time) under the fabric on the right side until the shade rolls level.
<b>Note:</b> Always verify all measurements, alignments, and connections against the latest product specifications before finalizing your installation.		
 Please use this QR Code to access the updated installation instructions and related documents on Zendesk or ask the AI chatbot.		<b>Technical Support:</b> 512.832.6939   <a href="https://shadeinnovations.com">shadeinnovations.com</a> <b>Hours of Support:</b> 8am - 6pm CST   <a href="mailto:techsupport@shadeinnovations.com">techsupport@shadeinnovations.com</a>

Problems related to electrical or motor function may require a qualified service technician or electrician.  
For issues regarding installation and operation, contact:

**Shade Innovations Technical Service team at 512.832.6939, Opt. 3**



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

**512.832.6939**

**[www.shadeinnovations.com](http://www.shadeinnovations.com)**