

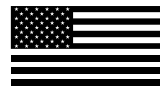
KAOS Shades

Installation Instructions

Inside 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 Needed4

Unboxing And Site Preparation.....5

Bracket Installation (Optional)6

Power Wire Preparation7

Cassette Installation With Brackets8

Cassette Installation Without Using Brackets9

Fabric Roll Installation..... 10

Power And Programming 11

Recessed Tracks Installation 11

Measuring And Cutting U Channels And The V-Tracks 12

Tracks Installation 13 - 15

Securing Track 16 - 17

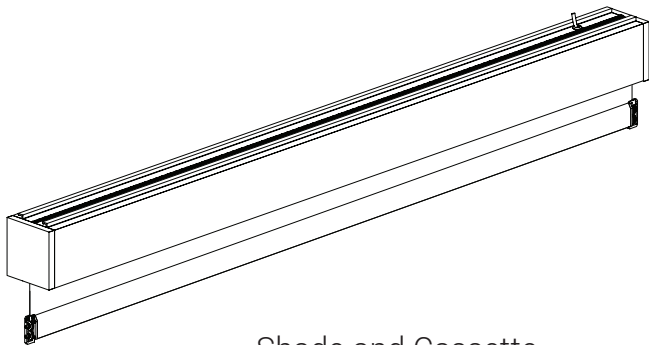
Fine Tuning And Tracking Management..... 17

Best Practices Summary..... 18

Troubleshooting..... 19

PARTS INCLUDED / TOOLS NEEDED

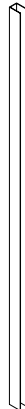
Note: Before starting, verify that all parts and tools are present. Accurate measurements and proper leveling are crucial for a seamless installation.



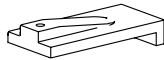
Shade and Cassette
(Preassembled)



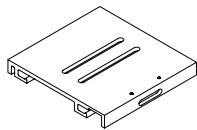
(2) V-Tracks



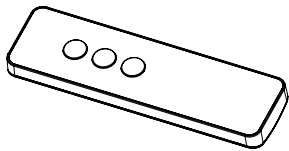
(2) U
channels



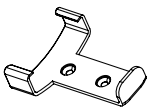
(1) Track Jig



Ceiling Mount
Brackets (optional)



Remote



Remote Holder



AAA Batteries

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

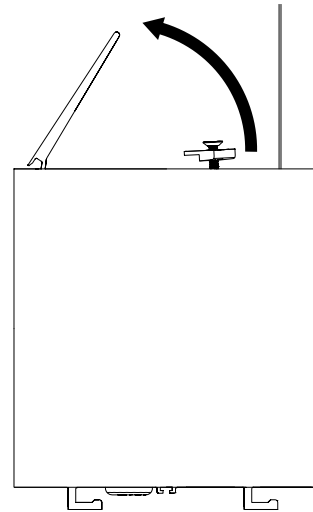
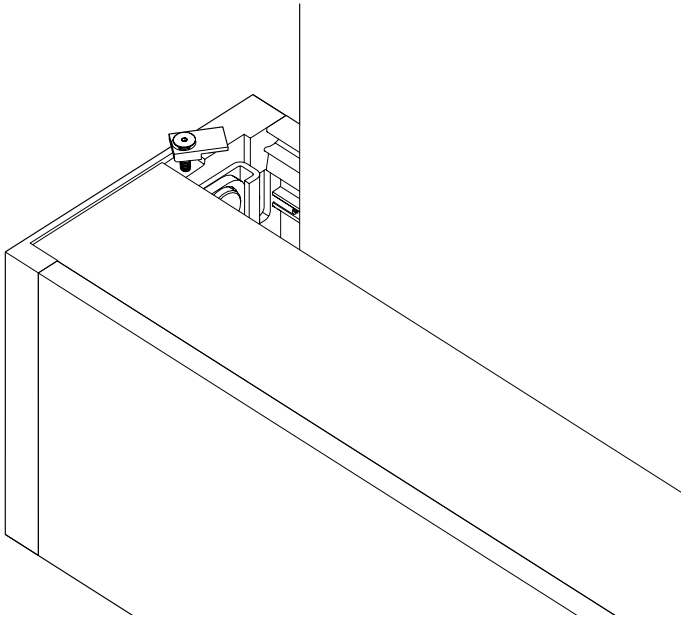
Required Tools for Installation

- 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

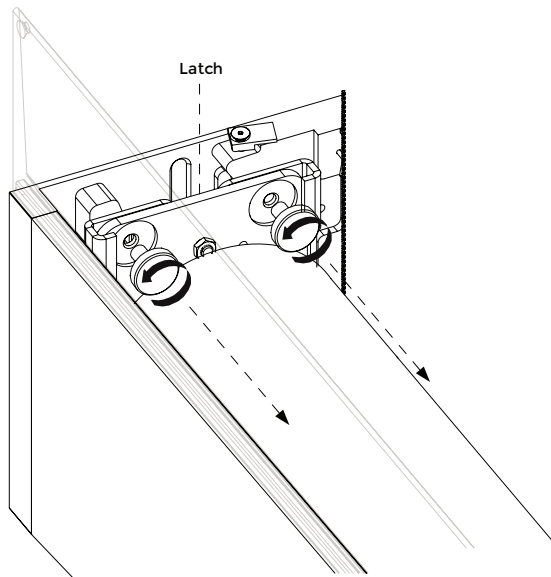
UNBOXING AND SITE PREPARATION

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.



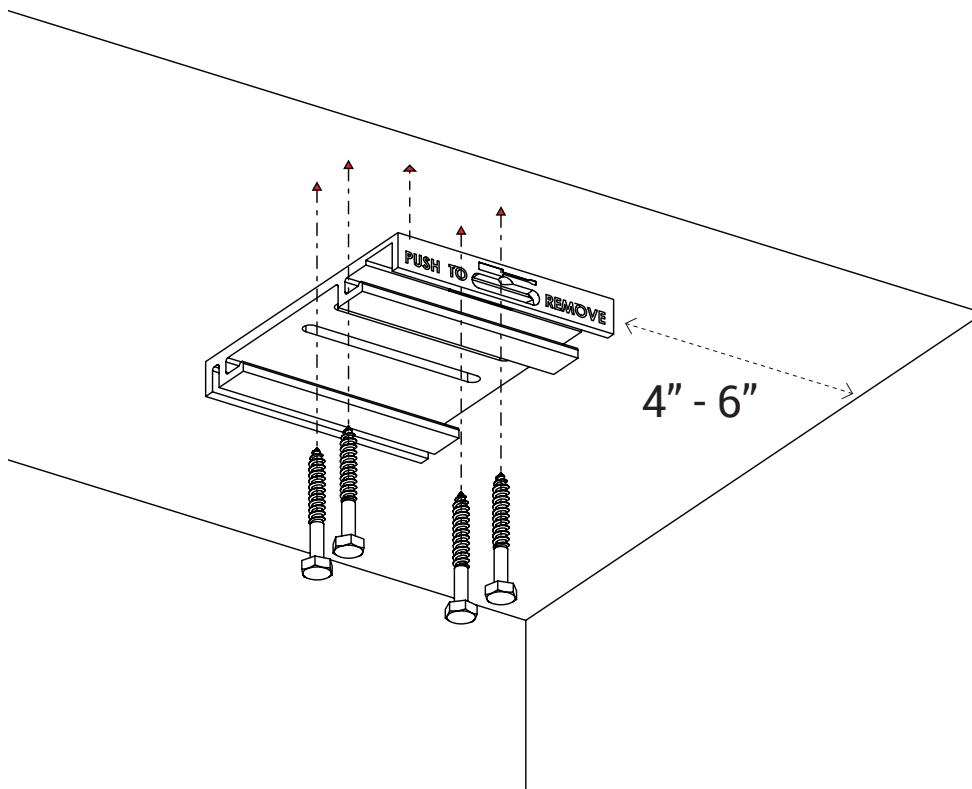
Note: Make sure to put the Fabric Roll on a protected surface

BRACKET INSTALLATION (OPTIONAL)

Note: Bracket installation is optional. The cassette can be installed without brackets if desired.

3 If using Ceiling Mount Brackets:

- a. Measure the full width of the shade's mounting box or enclosure.
- b. Mark the bracket positions 4–6 inches from the edge of the shade. (If your shade includes additional brackets, they are intended to prevent cassette sag and should be mounted equal distances from the outside brackets.) A laser level helps ensure precise markings.
- c. Securely install the brackets using the provided screws, ensuring they are level. For inside mount applications, verify that the upper corners of the mounting area have sufficient clearance to avoid interference with the cassette and end caps.



POWER WIRE PREPARATION



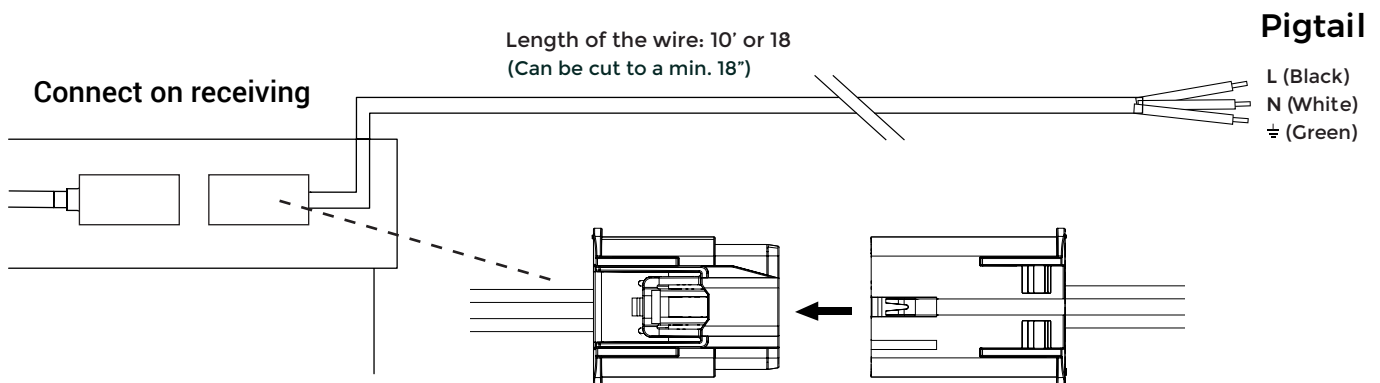
Installation must follow all local electrical codes when working with 110v AC power, use a certified electrician when necessary.

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 WITH BRACKETS

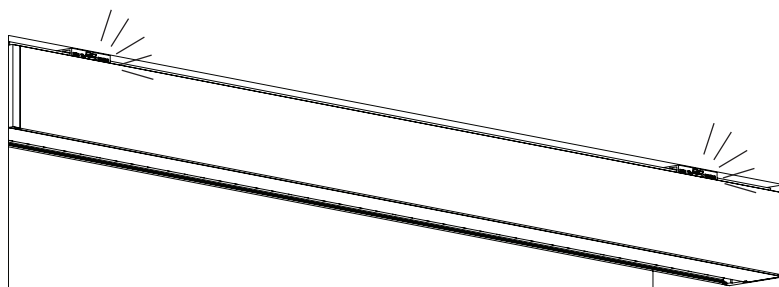
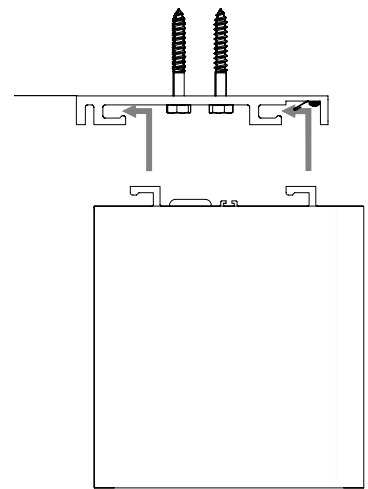
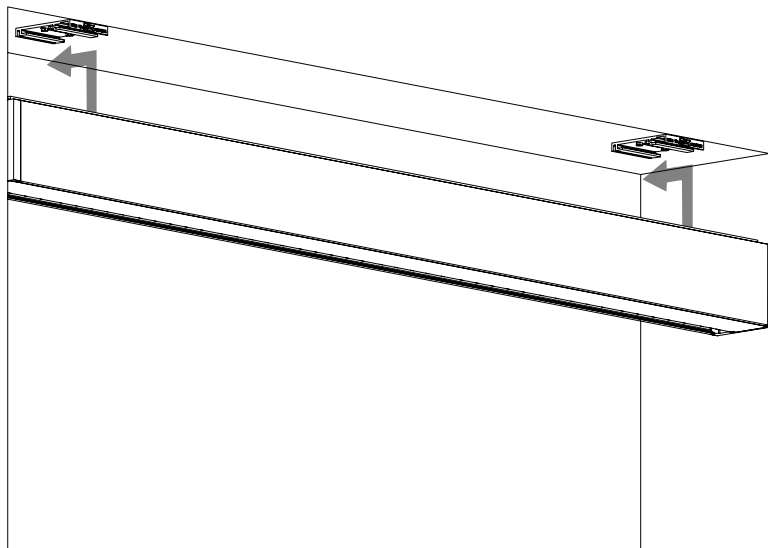
Caution: Cassette installation requires two or more people and/or hoisting equipment. Always use safe lifting and rigging techniques.

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

5

Option A: If Using Brackets

Lift the cassette straight up and hook it onto the installed brackets. Once engaged, the cassette should “click” into place.



CASSETTE INSTALLATION WITHOUT USING BRACKETS

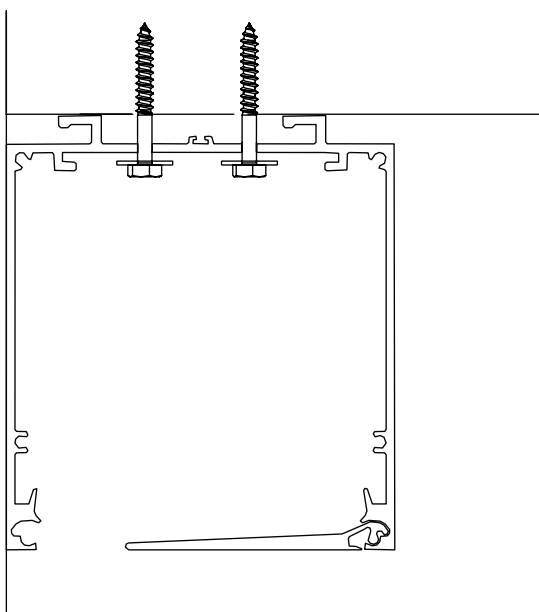
5

Option B: If not using Brackets

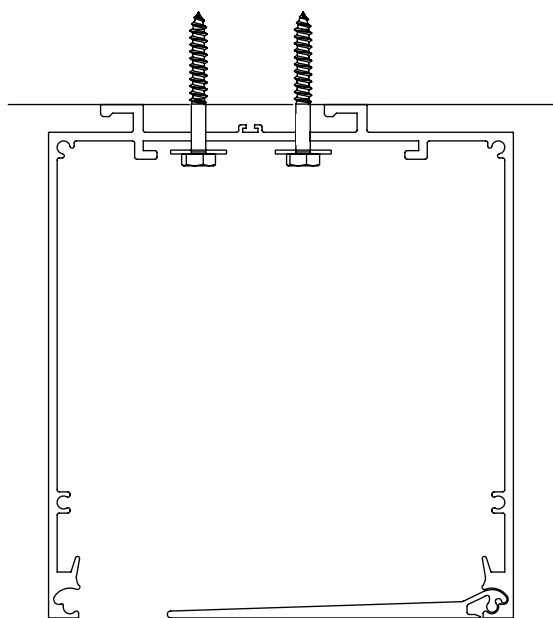
Note: Be careful not to over torque or aggressively drill retention hardware when mounting the cassette because deformation to the case could occur, this is especially important when ceiling mounting as cassette deformation will make it difficult or impossible to attach the front removable section. The structure behind the mounting points should be flat and level

Warning! – Select a screw or anchor type with a shallower head profile to prevent contact with the shade material roll. Material damage caused by anchoring is not covered under warranty.

Before installation, ensure that the screws or anchors used are appropriate in quantity, size, and type for the structural substrate they will be mounted to. They should also be rated to support the required weight, which can be found on the shipping documents or the box label.



Cassette mount



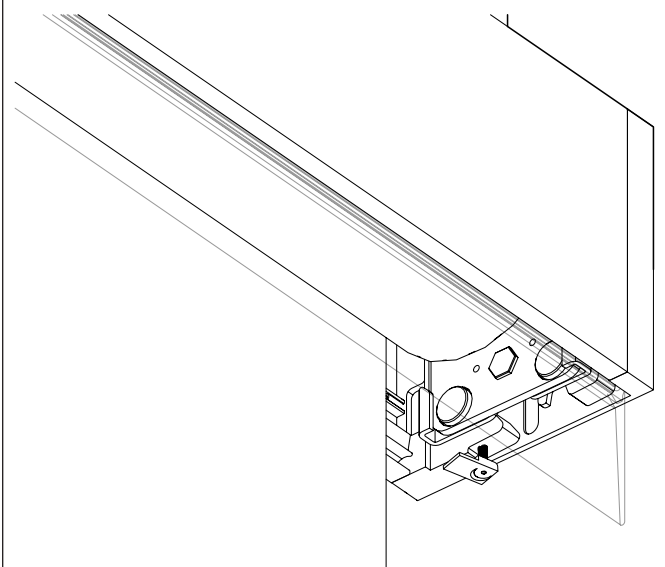
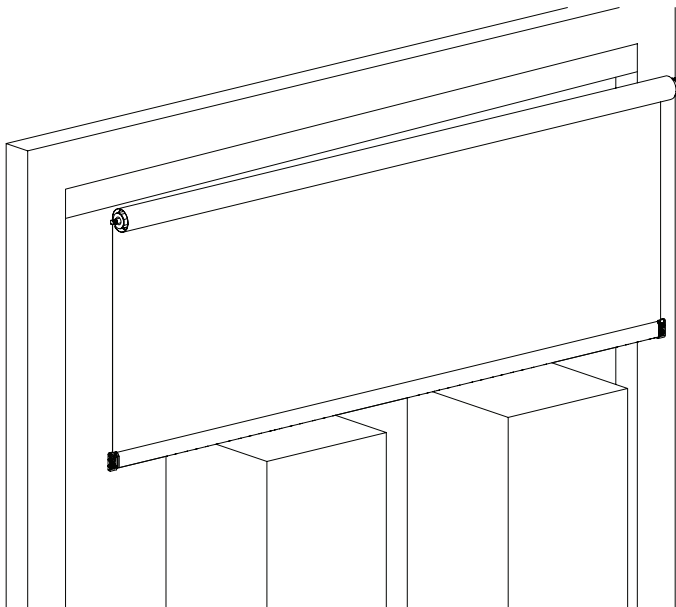
XL Cassette mount

FABRIC ROLL INSTALLATION

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>



RECESSED TRACKS INSTALLATION



Please scan this QR code to refer to the Recessed Tracks Installation Instructions.

MEASURING AND CUTTING U CHANNELS AND THE V-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 “Keeder Feeder” and the removable “bumper.”

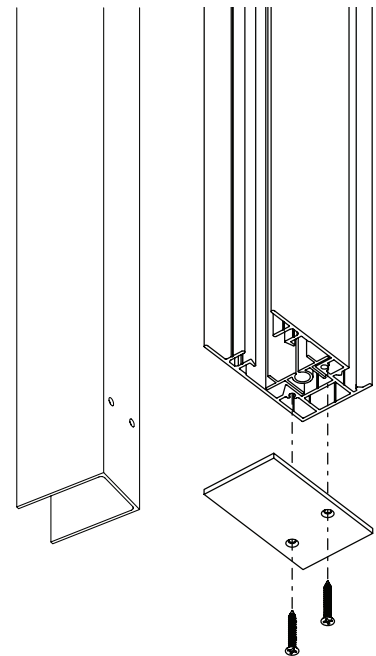
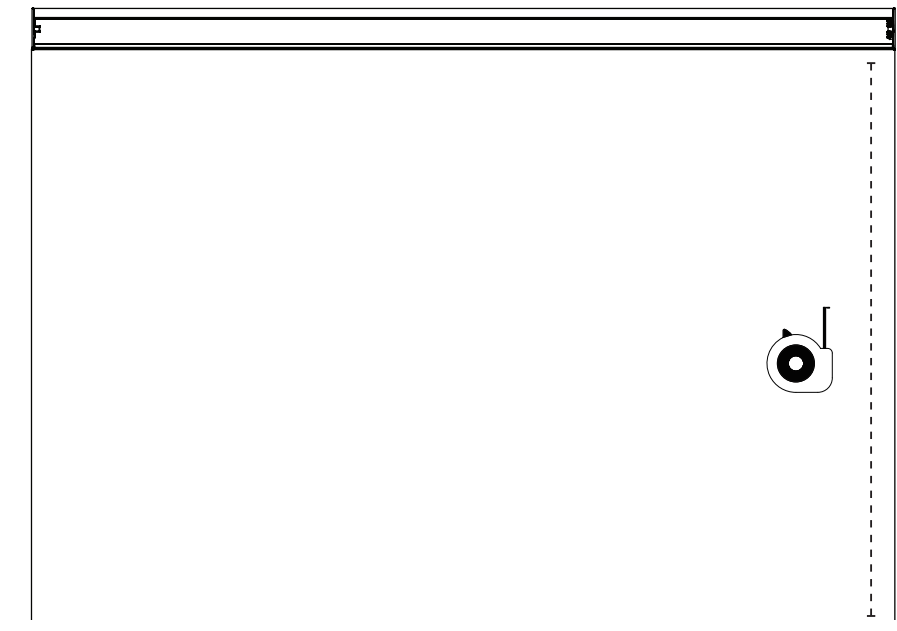
8

Measuring and Cutting Tracks & U channels:

- 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.

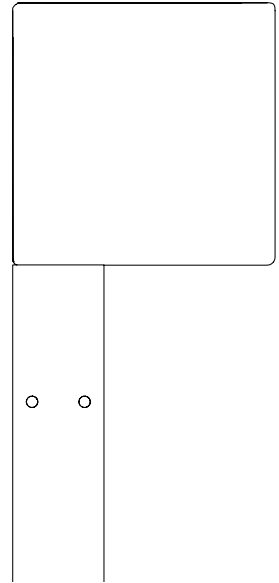
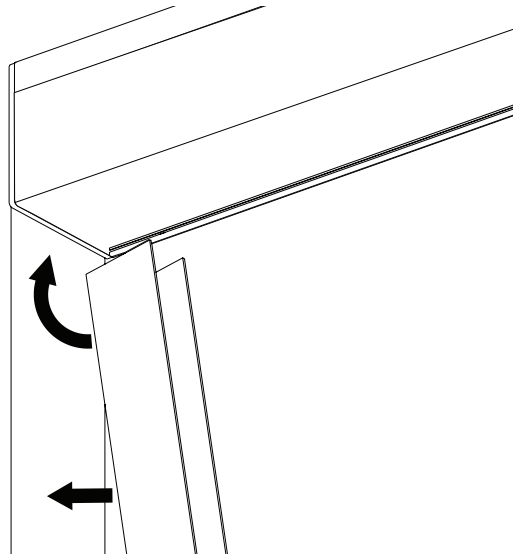
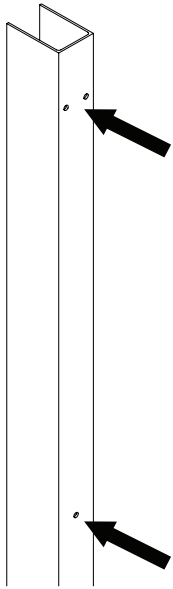


Note: - Eye protection is required!

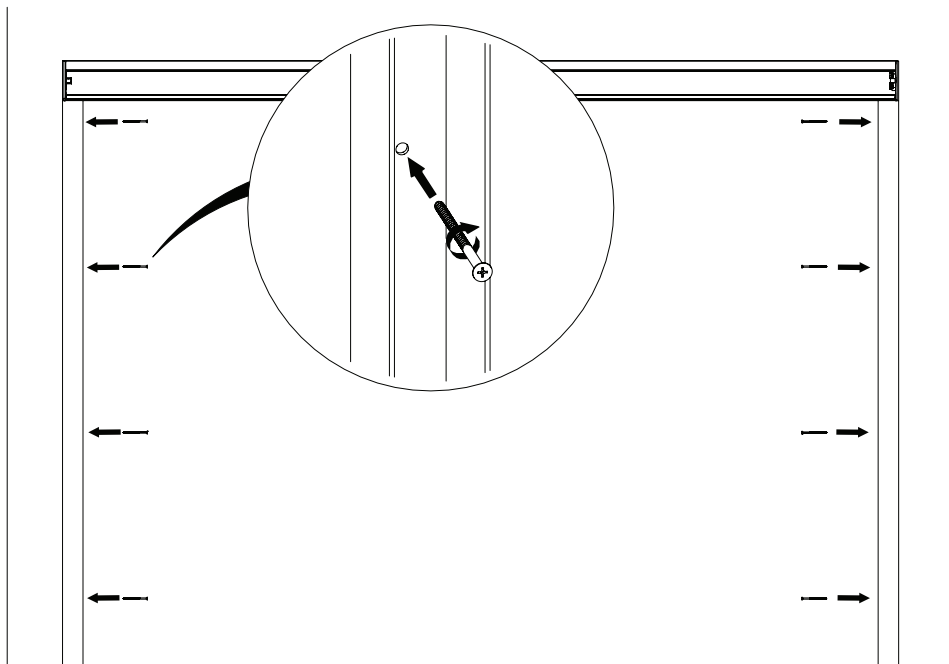
- Repeat this process for each track. Only cut one at a time — cut then install — to prevent tracks from being mixed up and to maintain progress.

TRACKS INSTALLATION

- 9** **Predrill the U-channel:** 2 holes for TOP, MIDDLE and BOTTOM. 1 hole every 12 inches in spacing. Attach the U-Channel beneath the housing, ensuring it is aligned with the back of the housing.

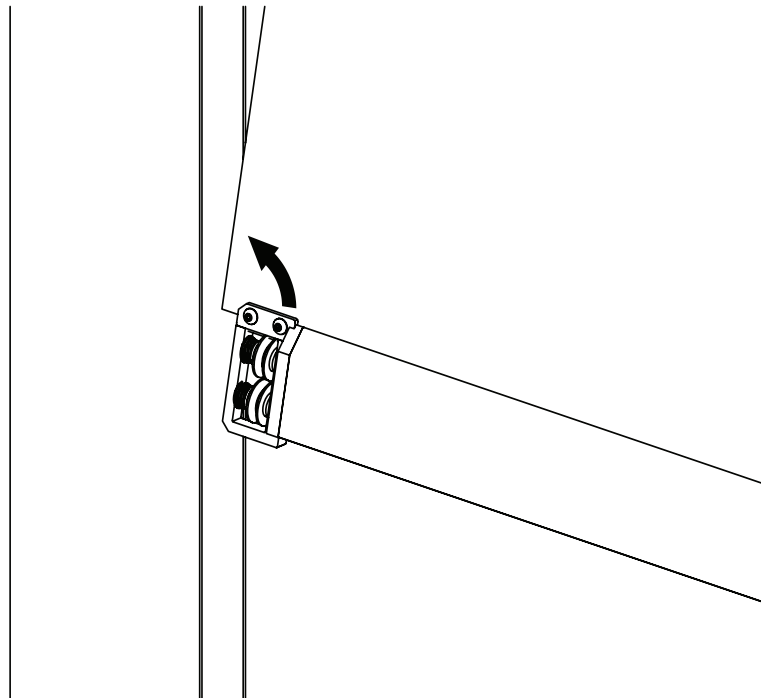


- 10** Secure the U-channels on both sides using the appropriate screws.

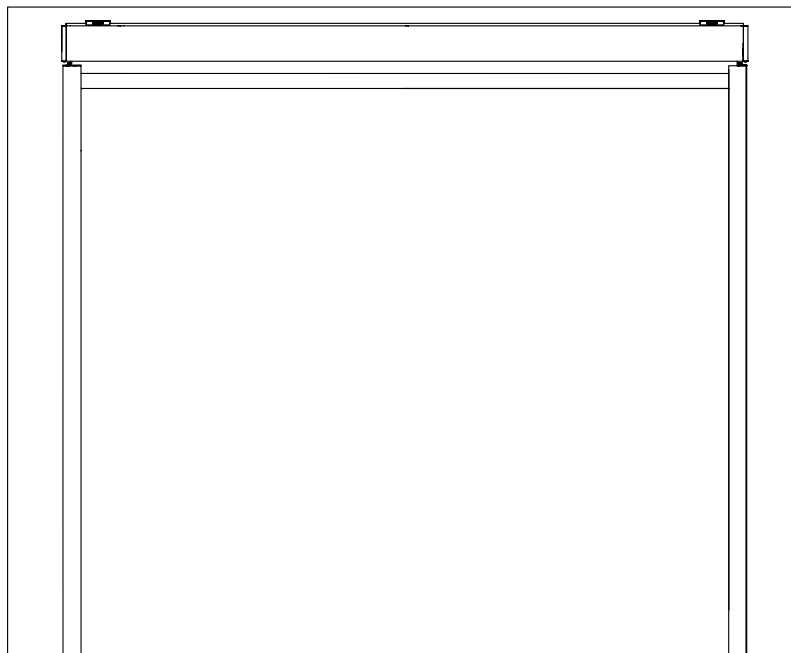


TRACKS INSTALLATION

- 11** Tuck each end of the weight bar into the U-channel.



- 12** With the weight bar inside the U-channel, roll the material up until it's about 12" from the top of the U-channel.

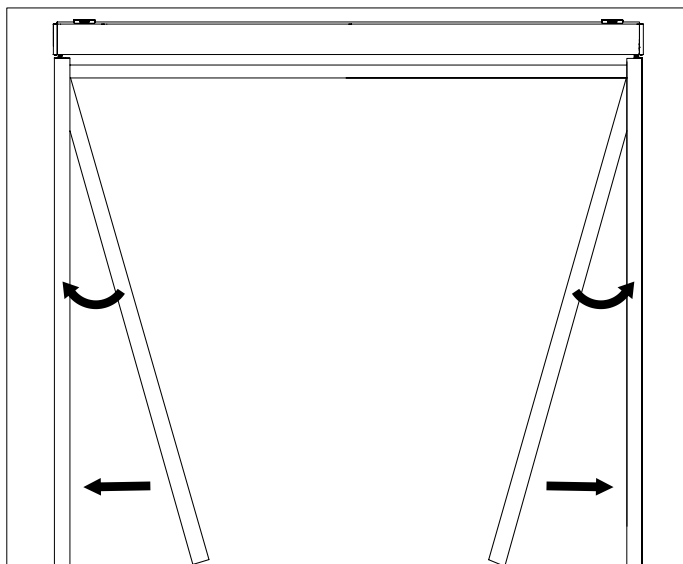


TRACKS INSTALLATION

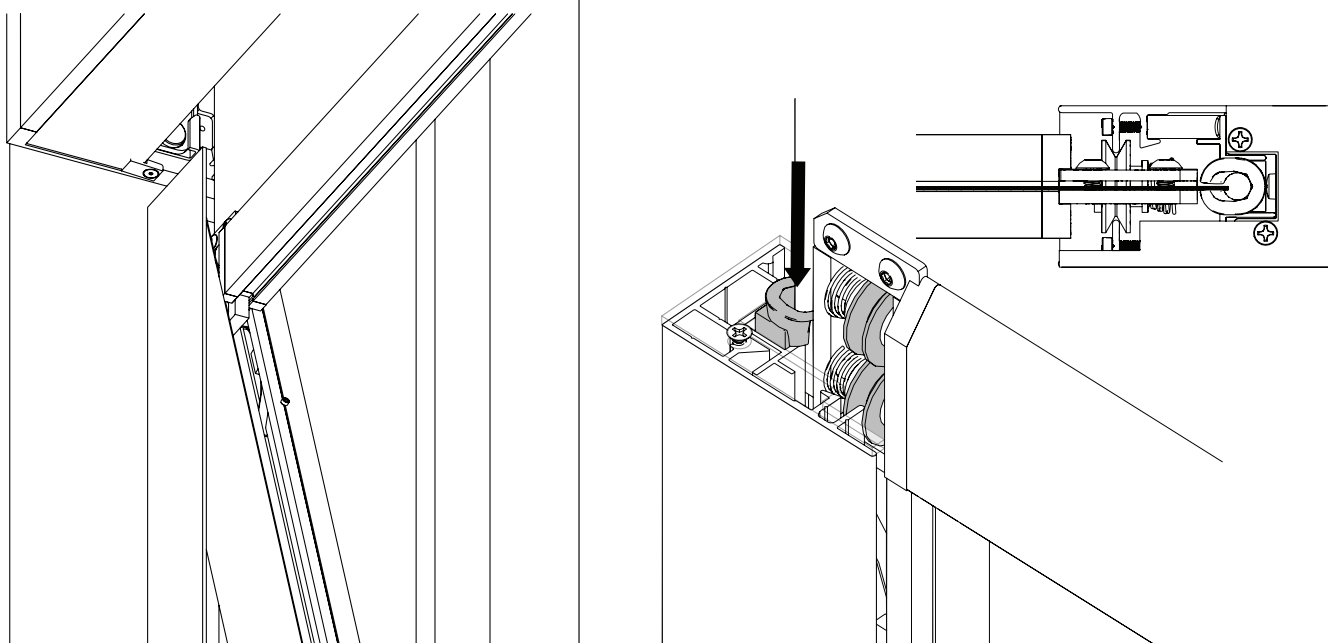


Use the QR code for a detailed video of this process.

- 13** Slide the V-tracks at an angle into the U-channels. While doing this, manually lift the weight bar to insert the keder into the V-track, ensuring the wheels are aligned within the V-track.



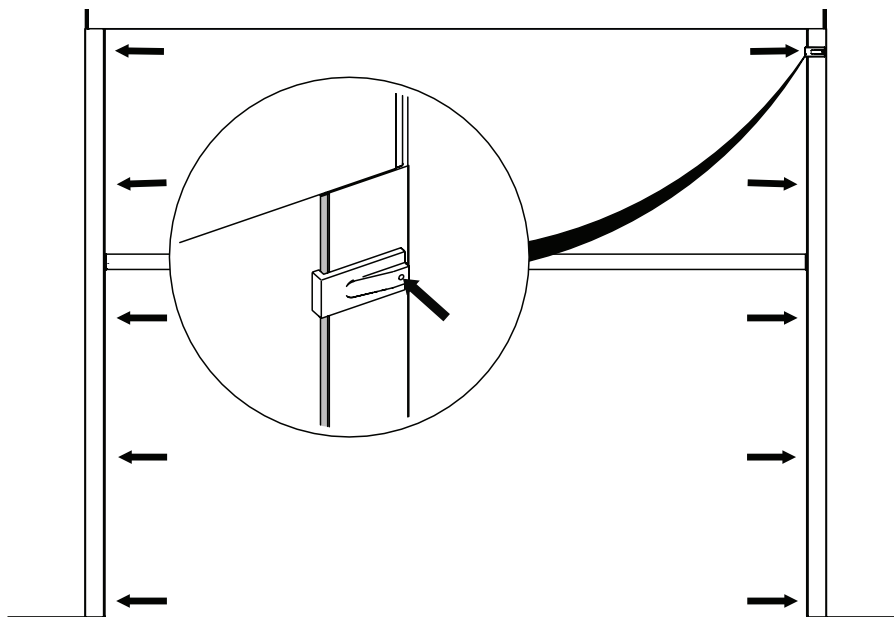
- 14** Ensure the wheels are correctly positioned and properly aligned with the track for smooth operation.



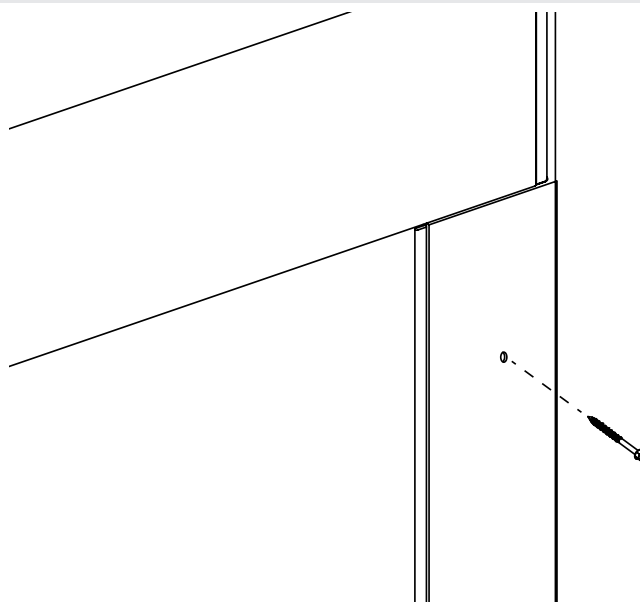
SECURING TRACK

Note: 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.

- 16** Place the track jig on the back of the U-channel, align it with the edge of the track, mark the position, and drill a hole 1.5" deep.

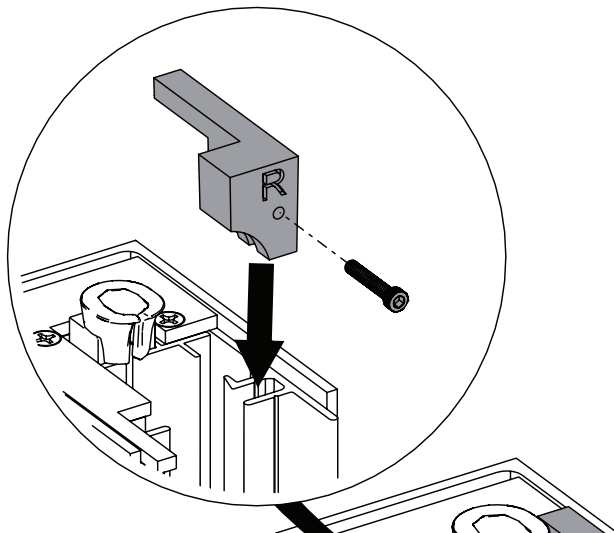


- 17** Secure the track to the U-channel using 1 1/2" flanged screws.



SECURING TRACK

- 15** Install the wheel stopper as shown in the illustration to prevent the wheel system from coming off the tracks.



FINE TUNING AND TRACKING MANAGEMENT

- 18** 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 & Hardware

- a. Use application-specific fasteners (Headlok or TORX lag screws recommended).
- b. Ensure your miter saw blade is appropriate for cutting aluminum.

2. Bracket Installation

- a. For inside mount, verify upper corners have enough clearance for the cassette and end caps.

3. Cassette Installation

- a. Always remove the fabric roll from the cassette before mounting it.
- b. For bracketless (top) mounts, use shallower head screws/anchors and avoid over-torquing.

4. Fabric Roll Installation

- a. Confirm correct orientation of motor and idler sides.

5. Measuring and Cutting

- a. Deduct 1/4" from the baseline for the shade track and 1/8" for the U-Channel.
- b. Cut one track at a time, then install immediately to maintain accuracy.

6. Track Installation

- a. Achieve slight tension when installing the second track to ensure proper fabric alignment.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Shade won't fully raise or lower	Motor programming limits are off.	Reset the motor and reprogram upper/lower limits
–	Shade isn't level	Re-level the cassette and verify bracket positions.
–	Guide wheels not aligning in V-channel track	Adjust the guide wheels for proper placement within the track.
–	Tracks wedge in or out	Confirm they are perfectly straight/level; adjust mounting as needed.
Shade gathering to one side	–	Offset the tracking by adding “shimming” tape on the opposite side of the fabric roll. Example: If shade gathers left, add thick tape on the right side.

Note: 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.

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

shadeinnovations.com
 techsupport@shadeinnovations.com



9715-B Burnet Rd, Suite 400 Austin, TX 78758
512.832.6939
www.shadeinnovations.com