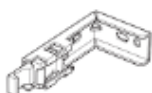


SwitchBot Roller Shade User Manual

Package Contents



Headrail × 1

Bottom Bar (3 Parts) × 1

Controller × 1

Cable Wrap × 1

Cutter × 1

End Cover x 1

Screwdriver × 1

Level × 1

- Mounting Bracket × 2/3
- Expansion Screw (with anchors) × 1 Pack
- Reset Tool × 1

List of Components



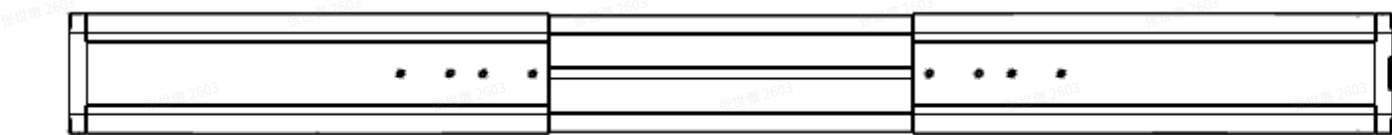
LED Indicator Light

Adjustable Headrail

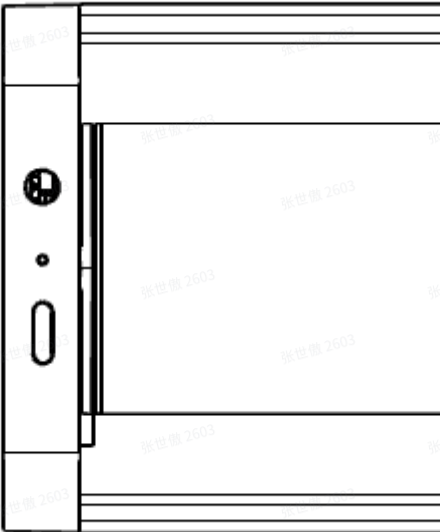
Motor

Add Device Button

End Cap (Removable)



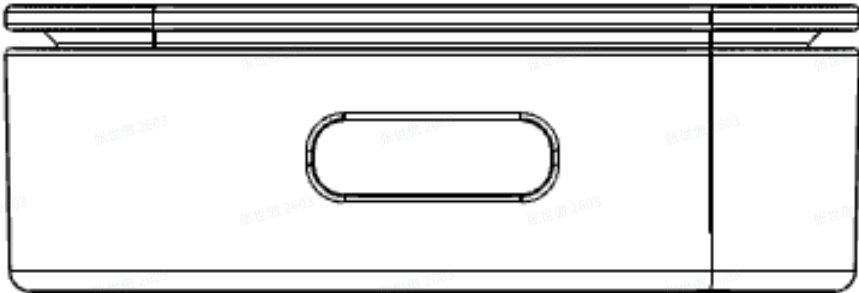
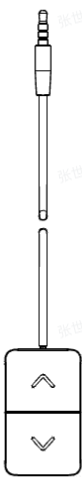
Adjustment Screws



Restart Button

Controller Port

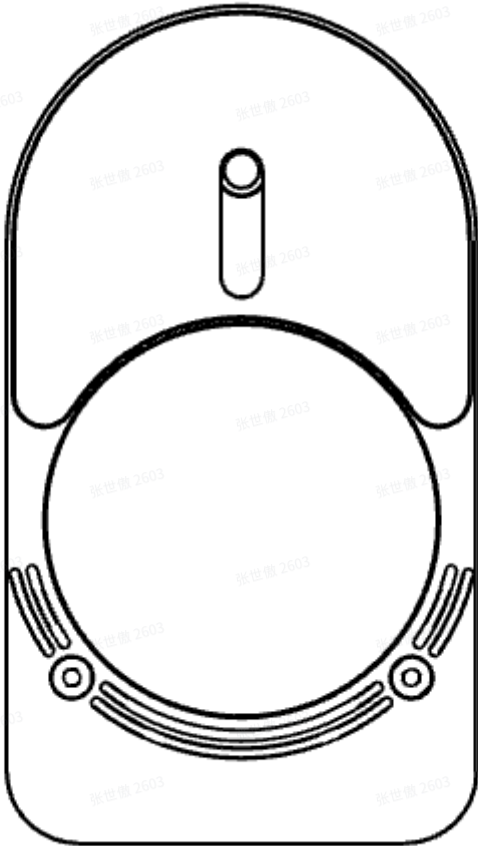
Solar Panel Port



Up Key

Down Key

Charging Port



Cutter Port

Preparation

You will need:

- A smartphone or tablet using Bluetooth 4.2 or later.
- The latest version of our app, downloadable via the Apple App Store or Google Play Store.
- A SwitchBot account, you can register via our app or sign in to your account directly if you already have one.

Safety Information

- Keep this product away from heat and humidity, and make sure it does not come into contact with fire or water.
- This product is a precision-based electronic product, please avoid physical damage.
- Do not attempt to disassemble, repair, or modify this product.
- Do not use this product where wireless devices are not allowed.

Installation Guide

Step 1: Add your Roller Shade to our app

Open our app and sign in. Tap the "+" icon in the top right-hand corner of the home page, choose Add Device, select the Roller Shade icon, and follow the prompts to add your device.

Step 2: Prepare materials and tools

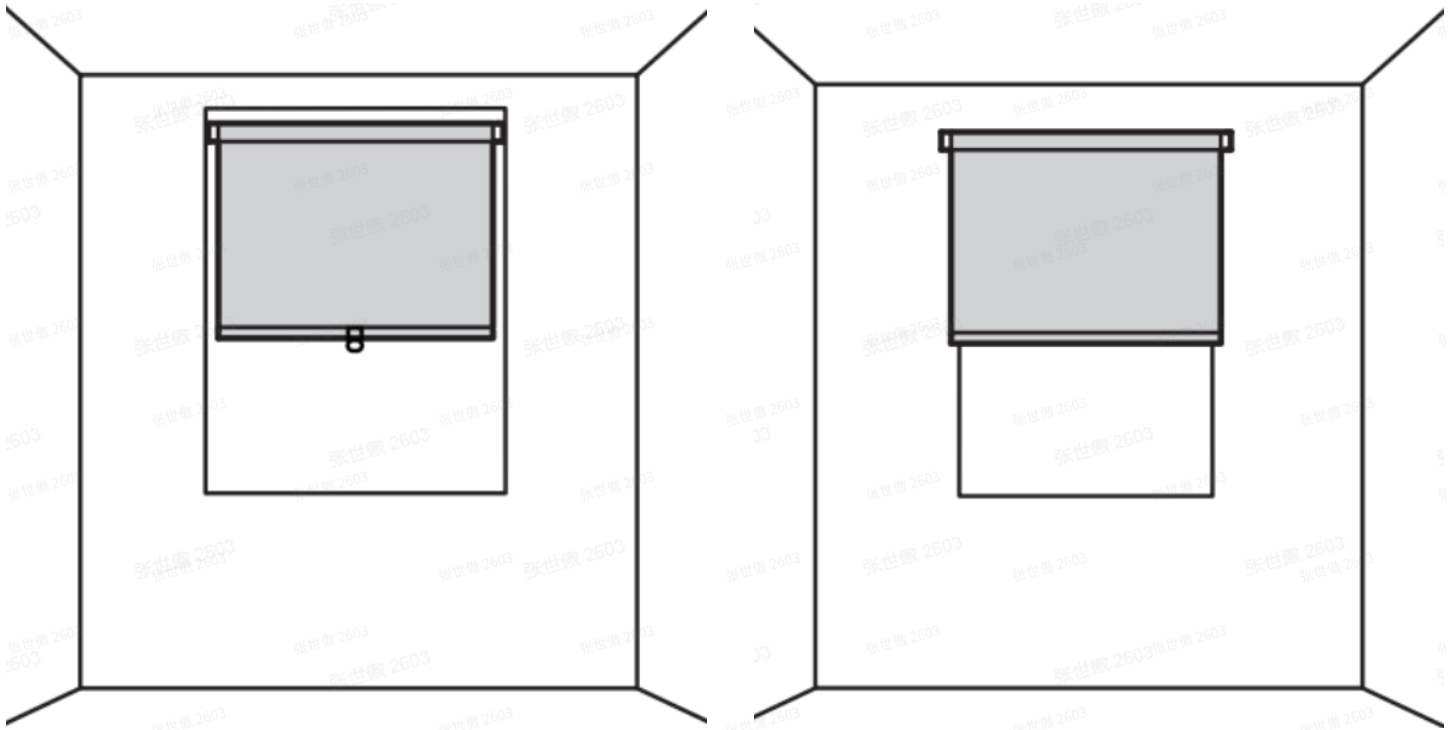
Before starting the installation, please make sure you have the following materials:

Roller Shade main unit, fabric (purchased separately), cutting accessories, end cover, screwdriver, level, mounting brackets, expansion screw package, electric drill, scissors, pencil, measuring tape

Recommended number of installation personnel: 2-3 people

Step 3: Adjust length & install mounting brackets

Determine the installation mode.

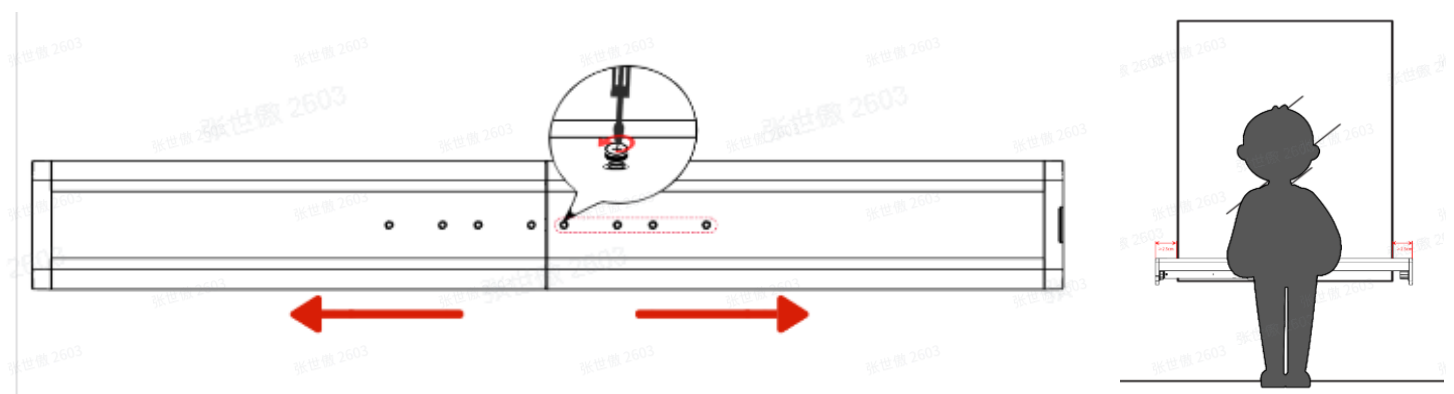


Outside window frame

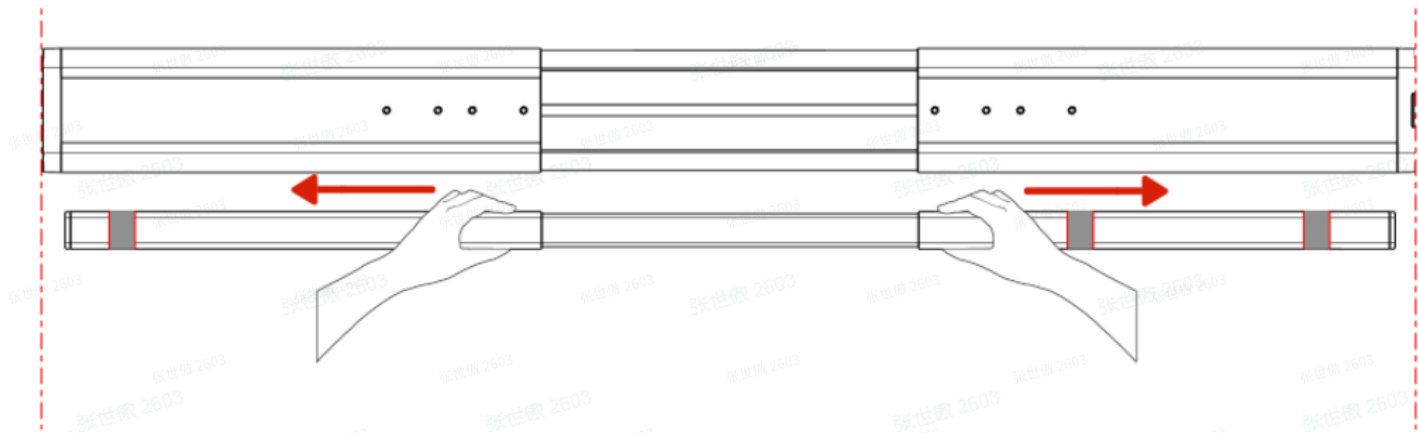
1. Loosen the screws on the upper side of the Headrail and align the Headrail to both sides of the window frame. Adjust the Headrail to a length of 5-15 cm (2-6 ft.) wider than the window frame. Then tighten the screws.

Note:

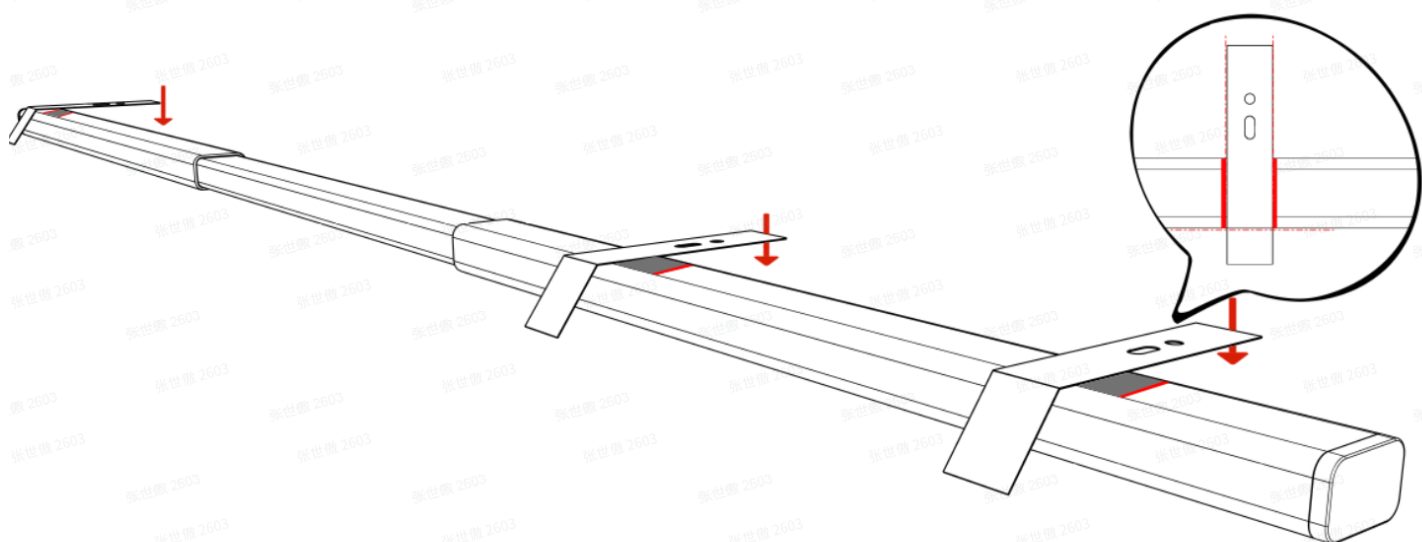
If the window is high, you can first measure the width on both sides of the window before adjusting the length.



2. Take out the Bottom Bar and adjust it to the same length as the Headrail.



3. Tear off the tape liner on the positioning cards and attach them to the Bottom Bar as shown.

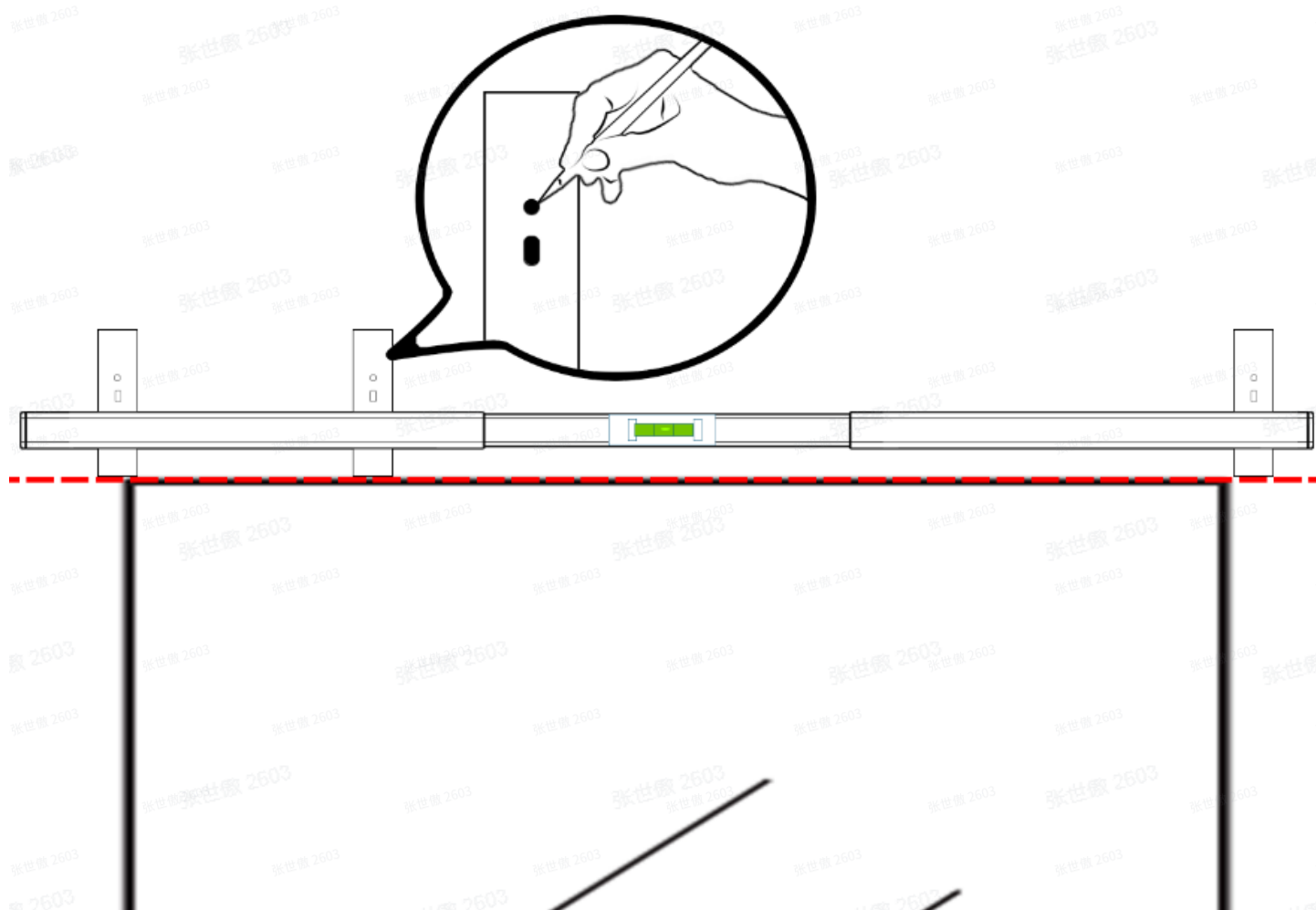


Stick the level to the middle position of the adjusted Bottom Bar, ensuring that the edge of the level is flush with the Bottom Bar edge.

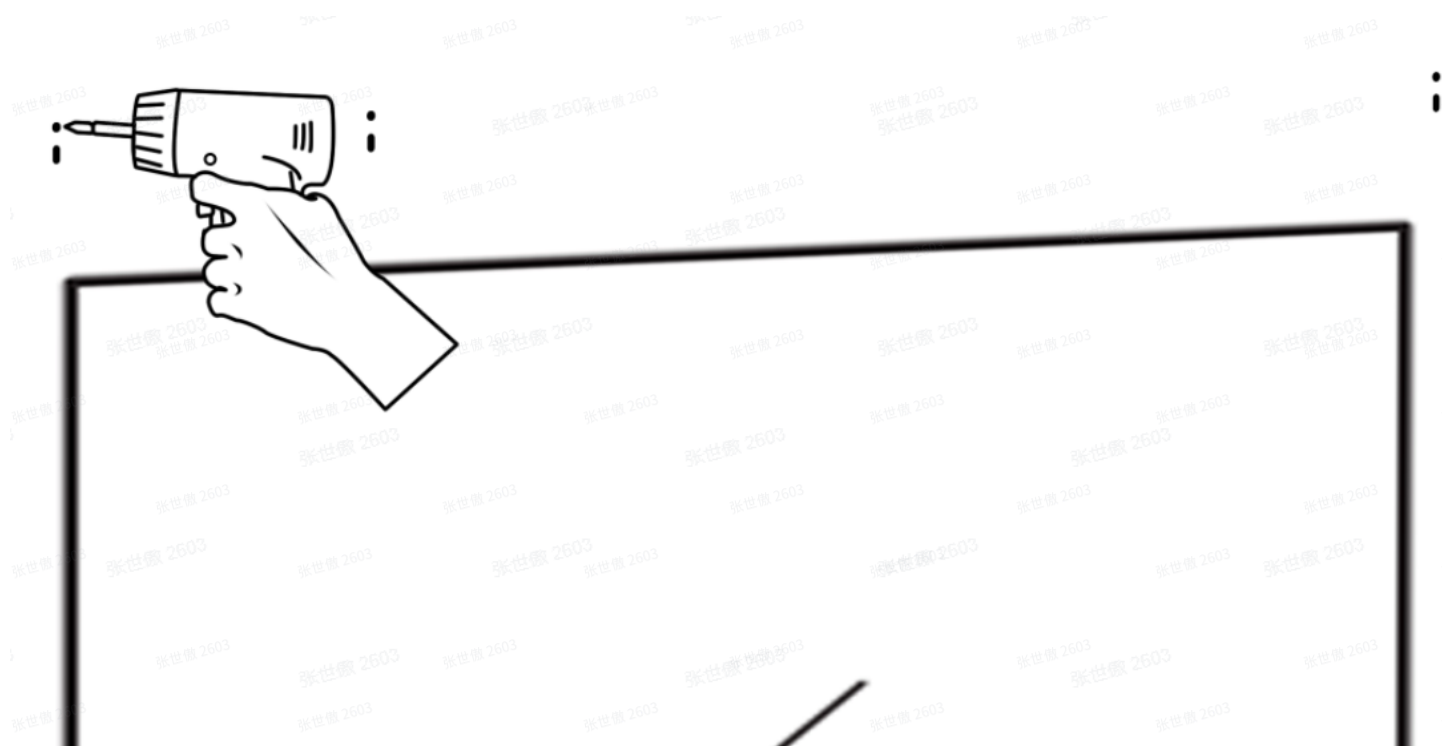


Flatten the lower part of the positioning cards and align them with the upper edge of the window to mark mounting holes. (Ensure that when the fabric is completely folded up, it will not obstruct the window).

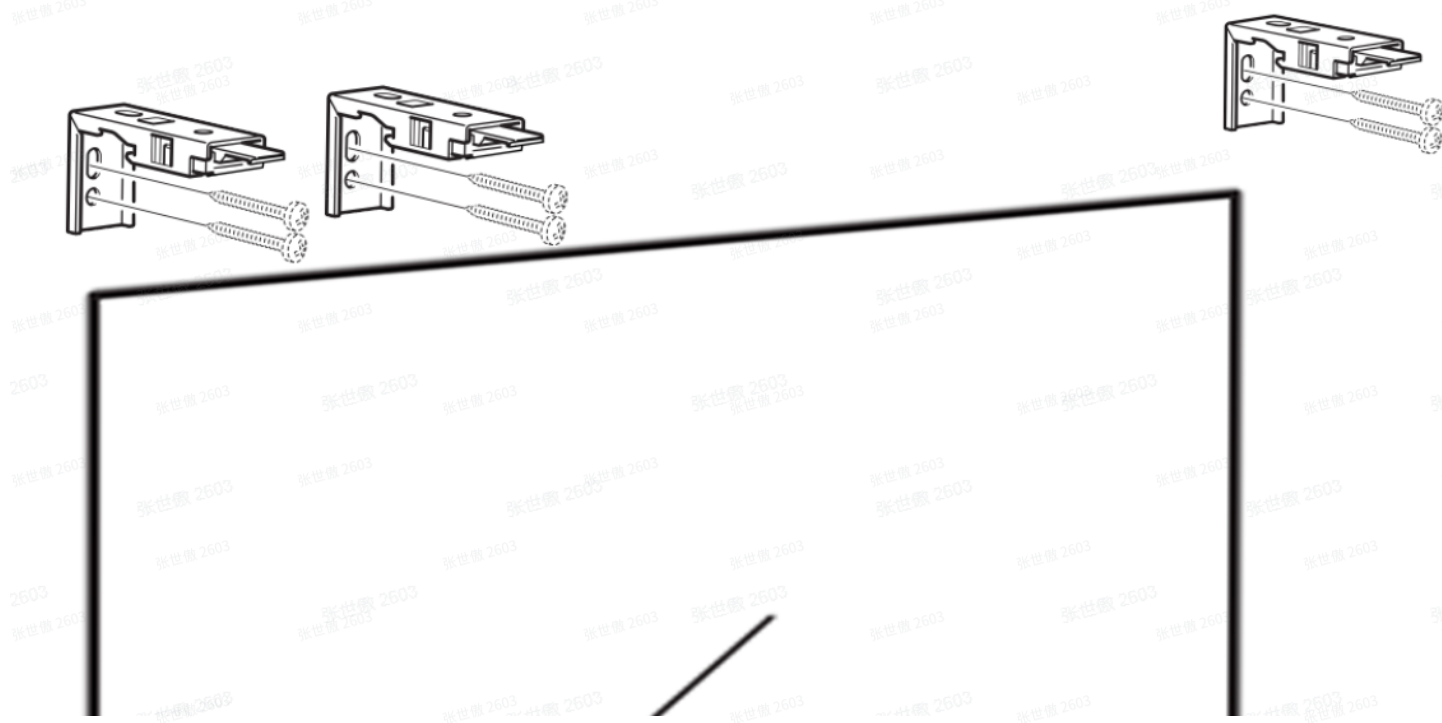
Note: During the process, avoid moving the Bottom Bar. The level indicator should show a horizontal position.



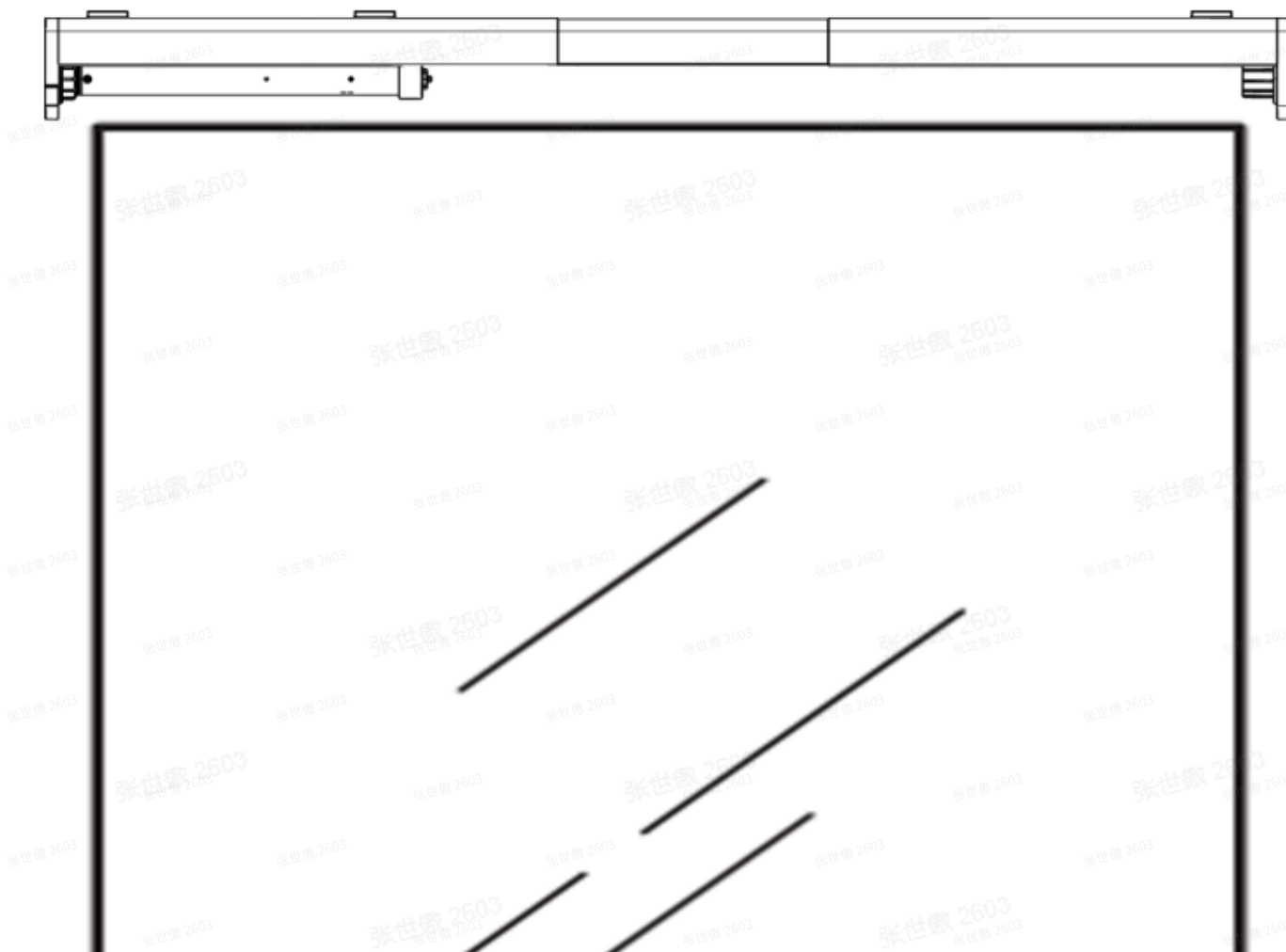
4. Use a handheld electric drill with a drill bit diameter of 5.6-6.0 mm to drill along the marked hole positions, and install expansion anchors.



5. Secure the Mounting Brackets.



6. Mount the Headrail and check whether the Mounting Brackets are properly positioned. Then remove the Headrail.

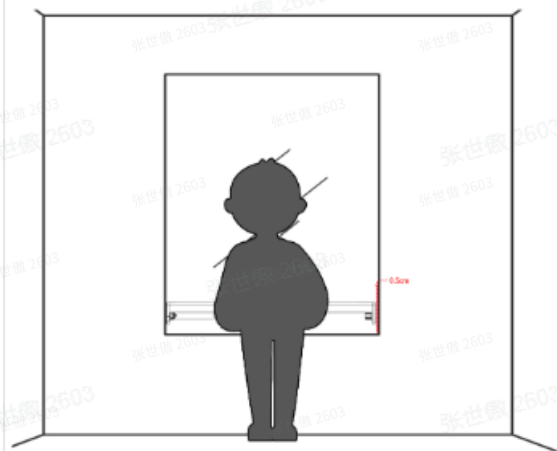
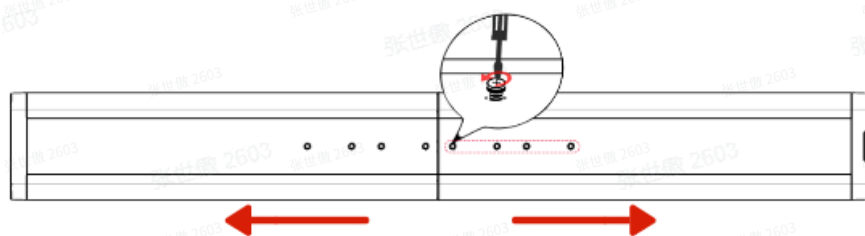


Inside window frame

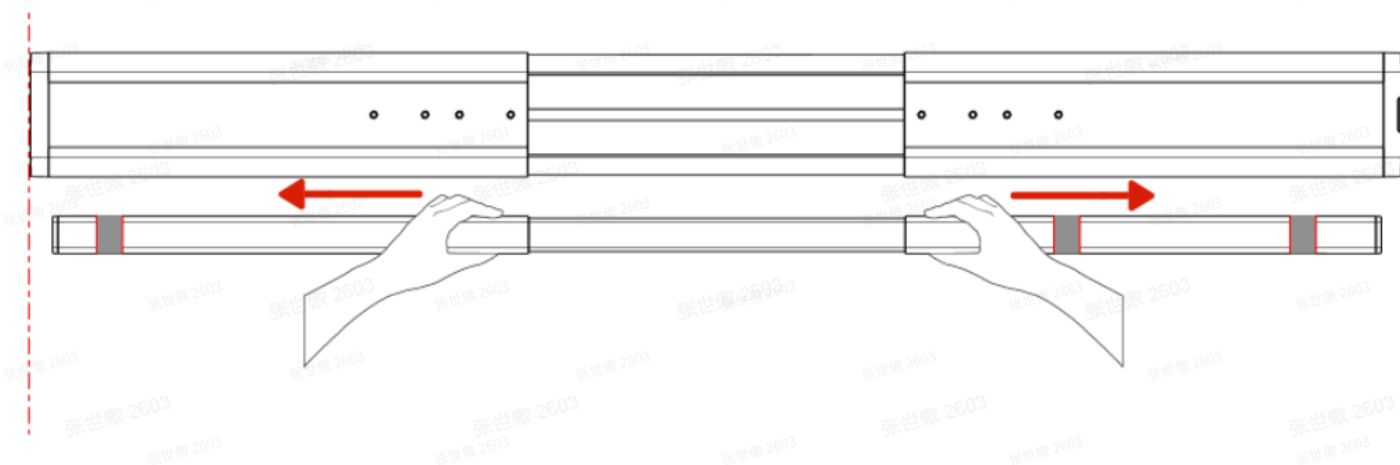
1. Loosen the screws on the Headrail and align the Headrail to both sides of the window frame. Adjust the Headrail to a length of 0.5 cm (0.2 ft.) wider than the window frame. Then tighten the screws.

Note:

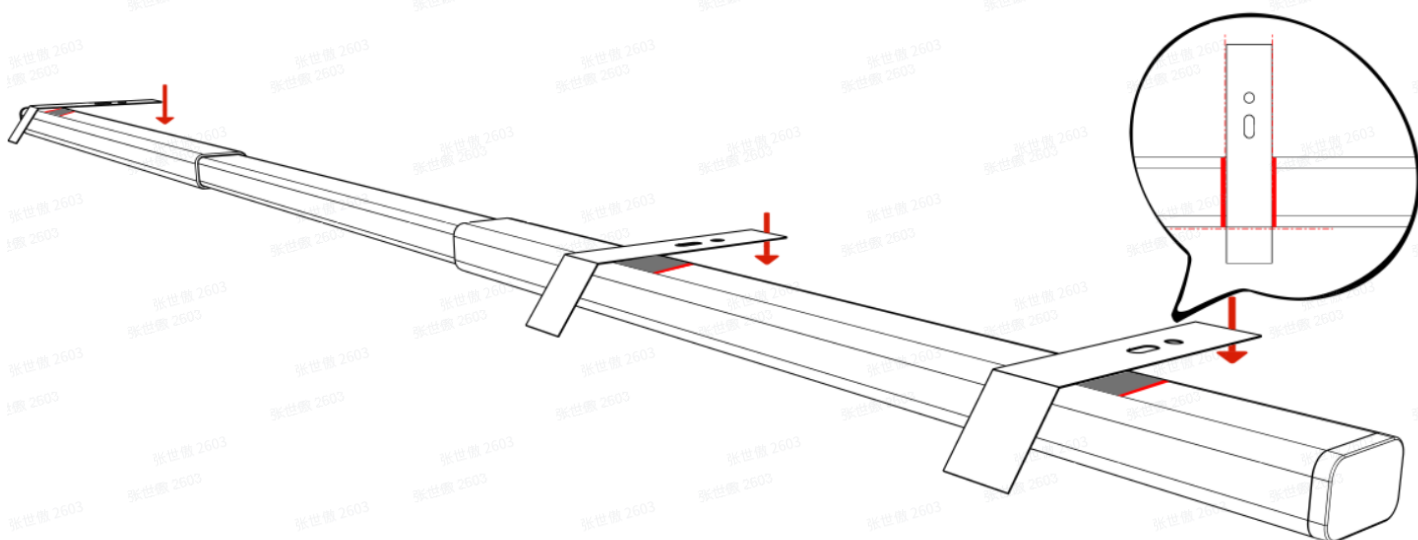
If the window is high, you can first measure the width on both sides of the window before adjusting the length.



2. Take out the Bottom Bar and adjust it to the same length as the Headrail.

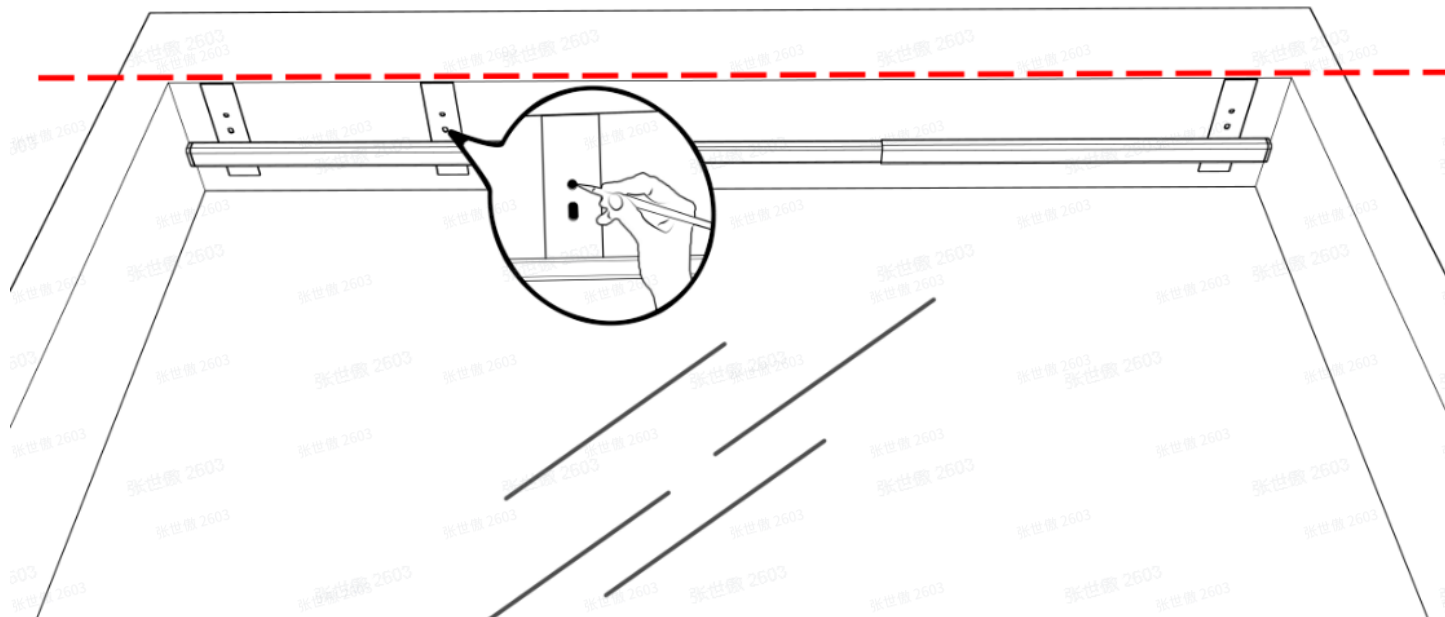


3. Tear off the tape liner on the positioning cards and attach them to the Bottom Bar as shown.

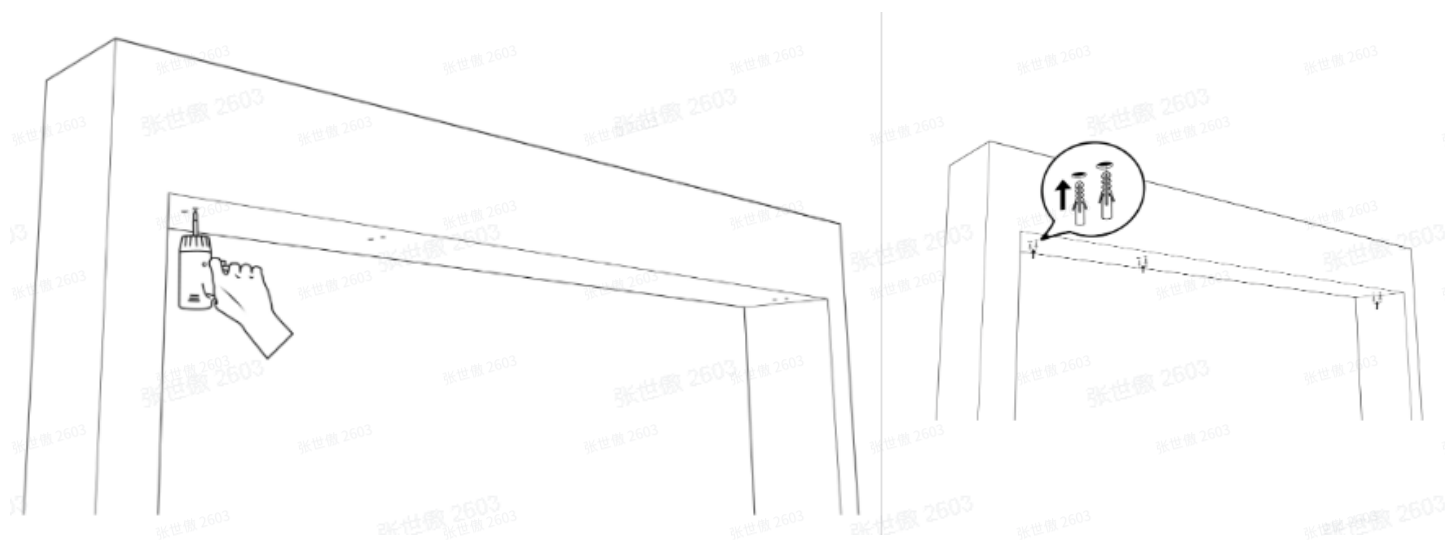


The top part of the positioning card should not protrude beyond the outer edge of the window.

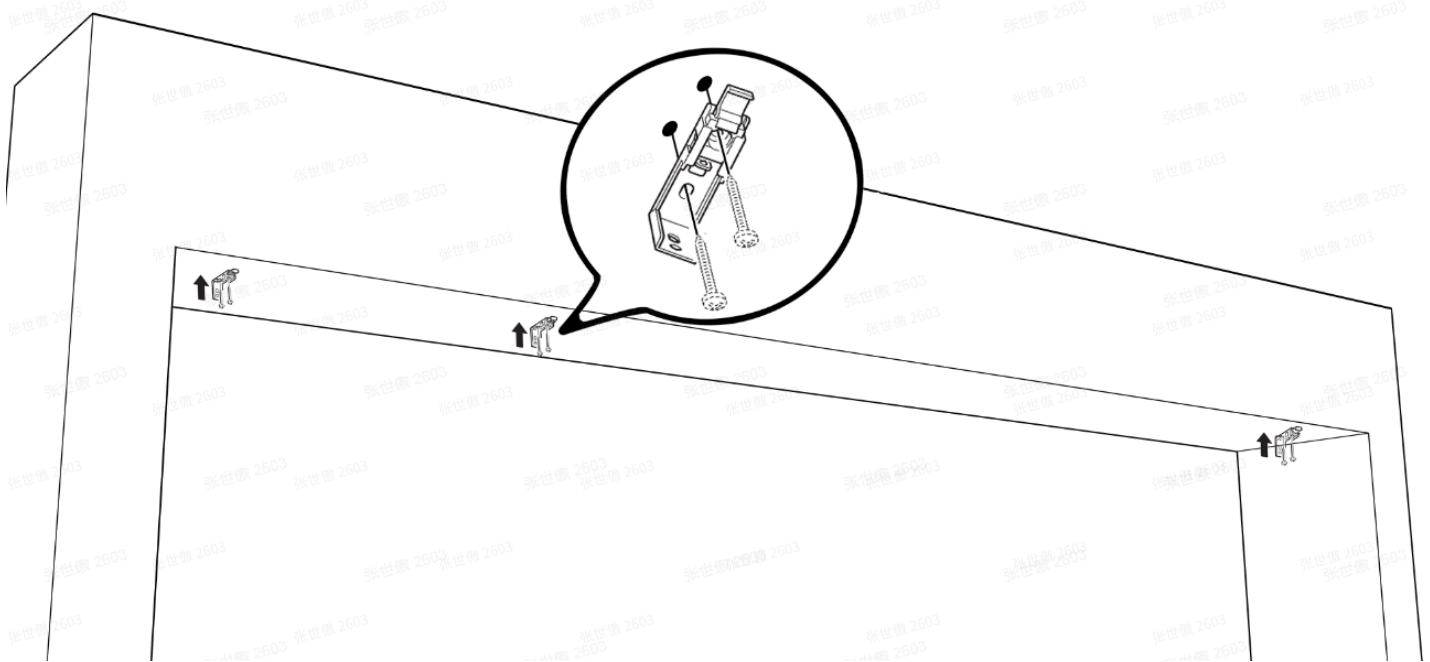
Note: During the process, avoid moving the Bottom Bar.



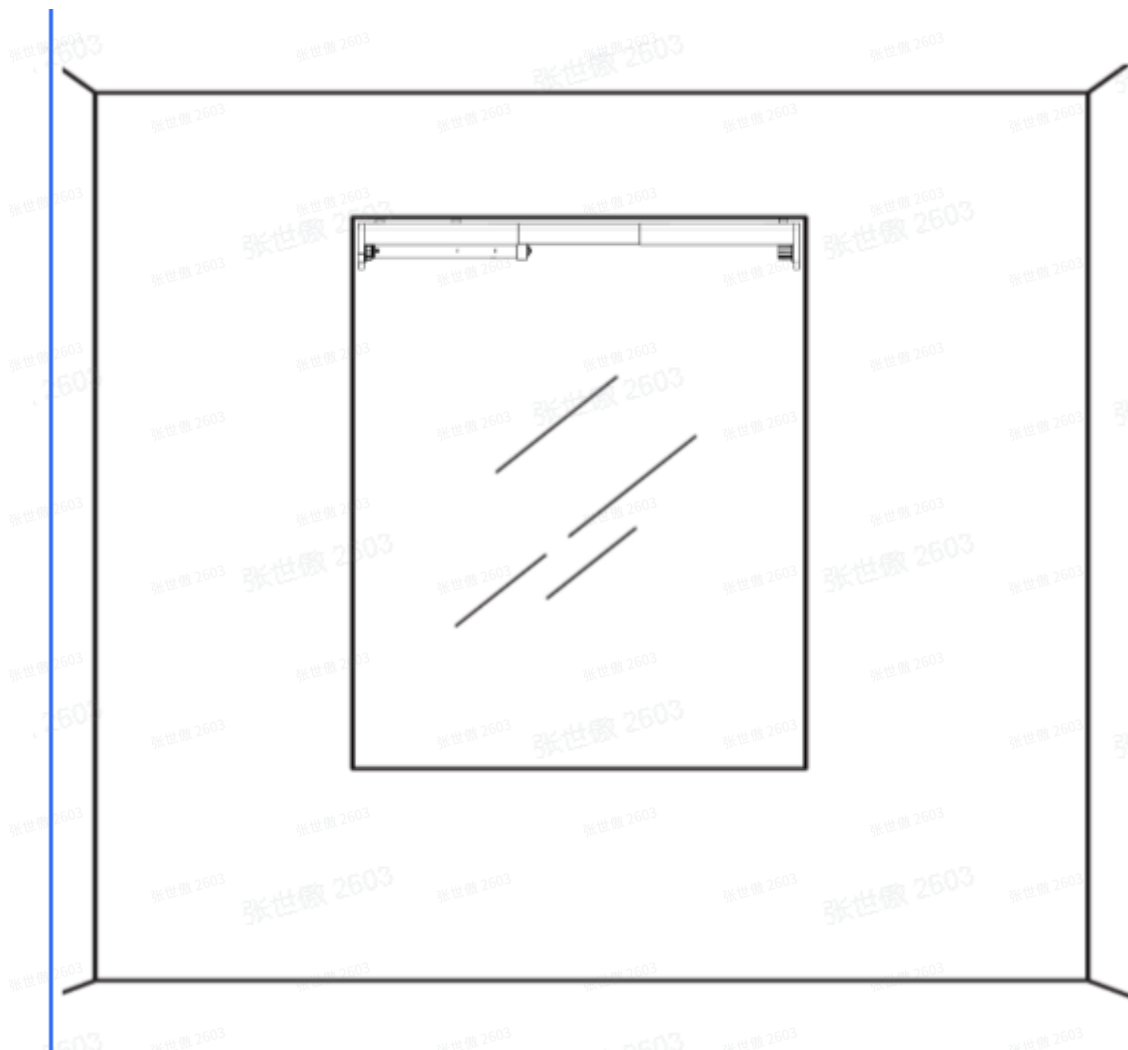
4. Use a handheld electric drill with a drill bit diameter of 5.6-6.0 mm to drill along the marked hole positions, and install expansion anchors.



5. Secure the Mounting Brackets.

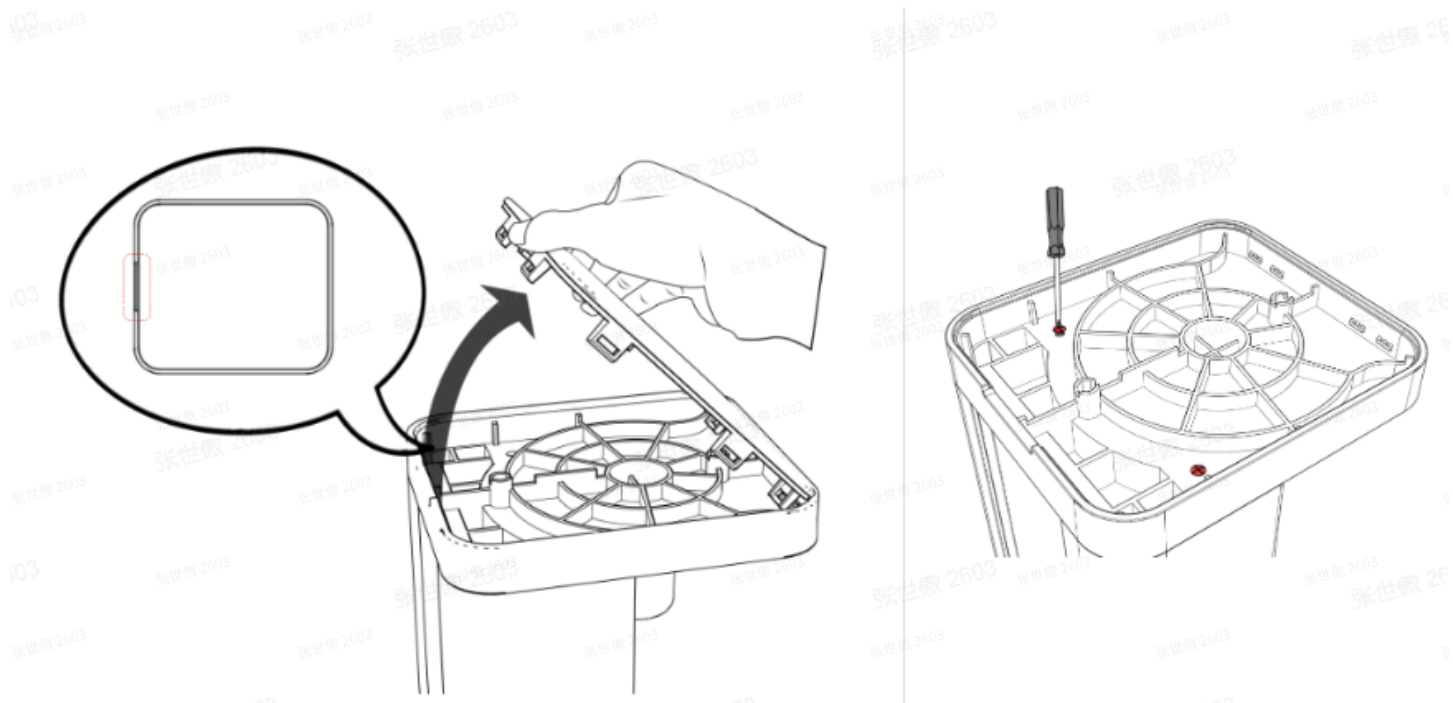


6. Install the adjusted Headrail onto the brackets, check if the brackets are properly positioned, and then remove the Headrail.

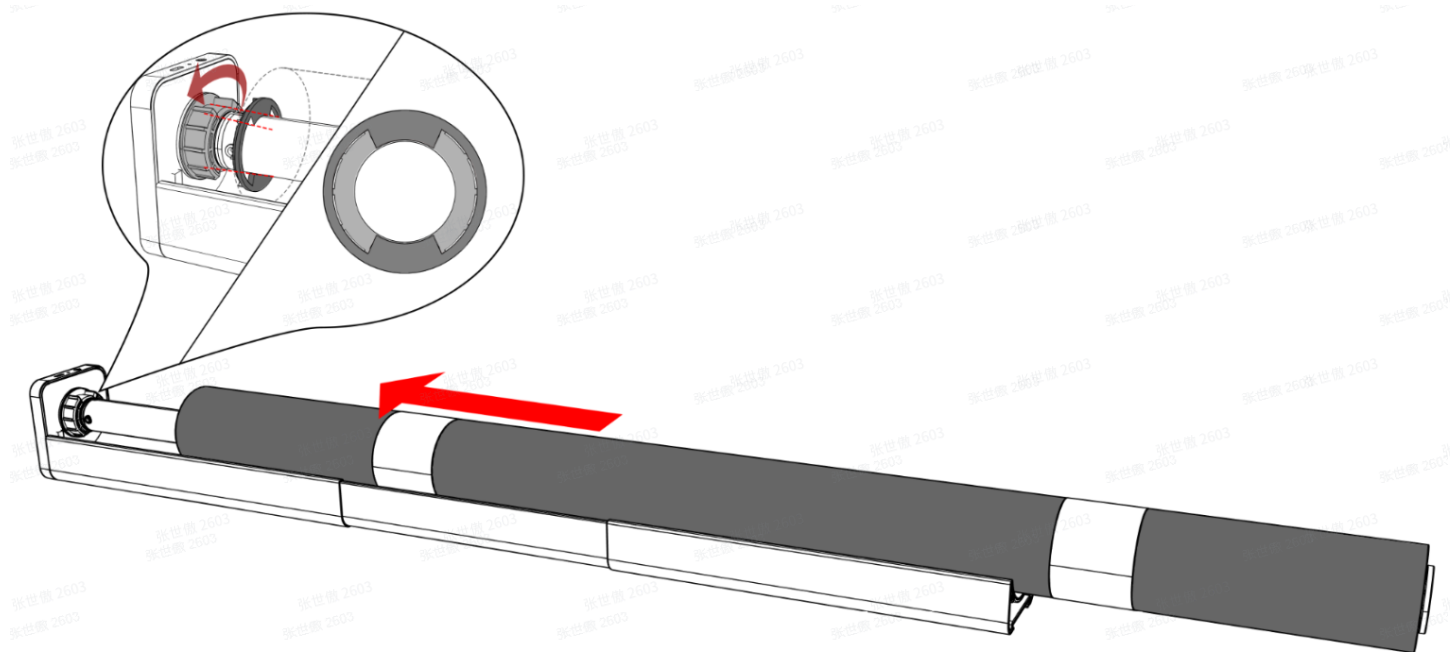


Step 4: Determine whether the fabric needs to be cut.

1. Open the end cover. Unscrew and remove the End Cap.

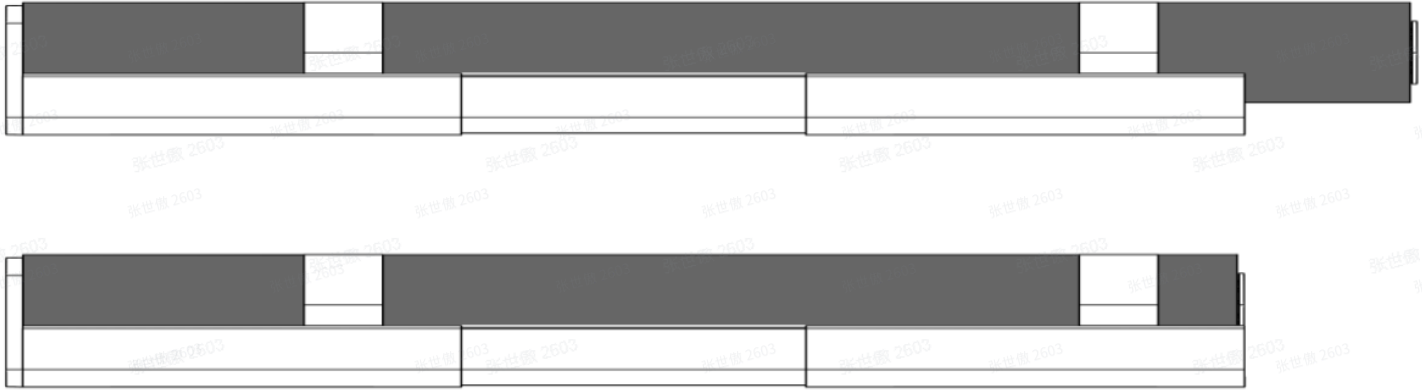


2. Route the fabric onto the Shade Tube and ensure the fabric is well positioned.



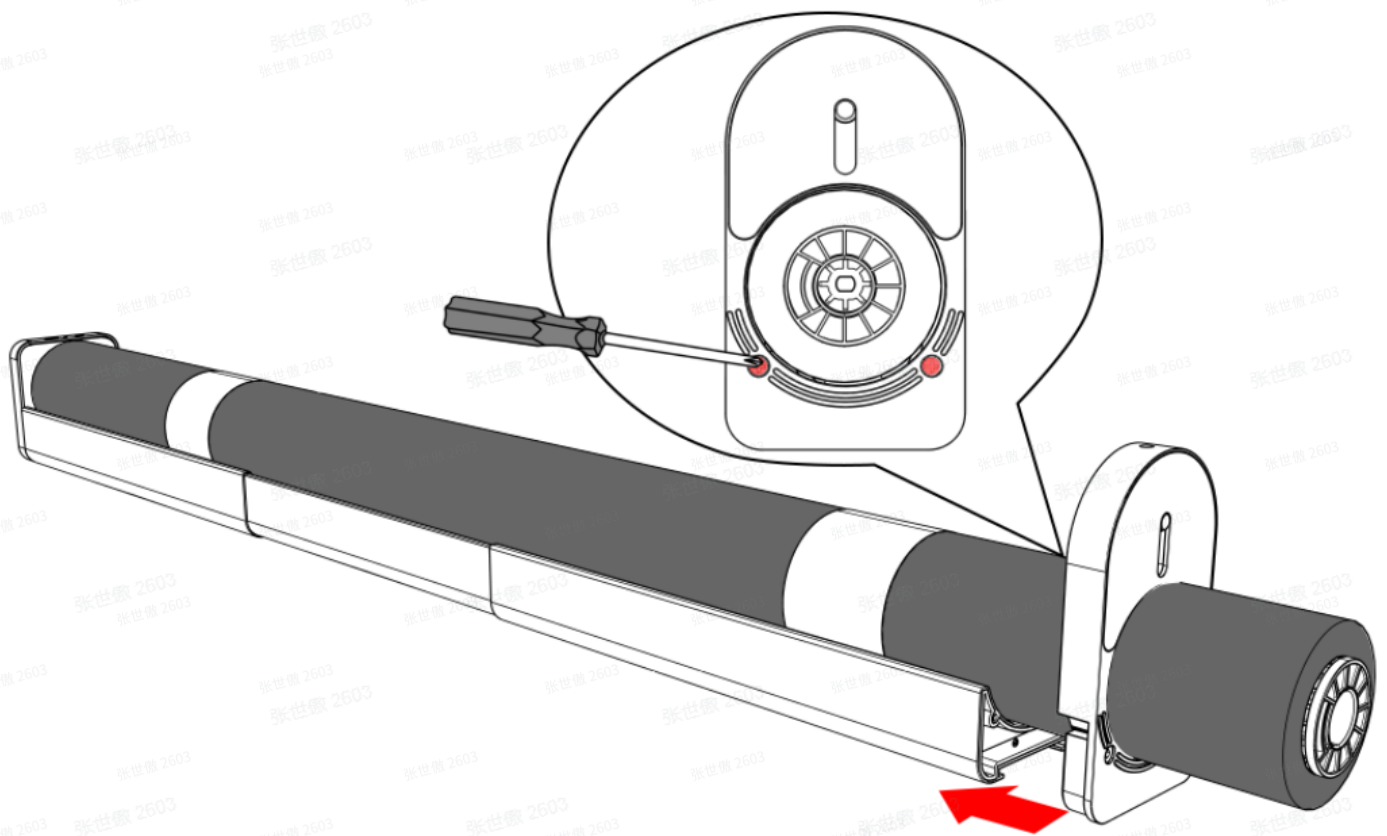
3. Cut the extra fabric as needed.

Go to Step 6 if the fabric does not need to be cut.

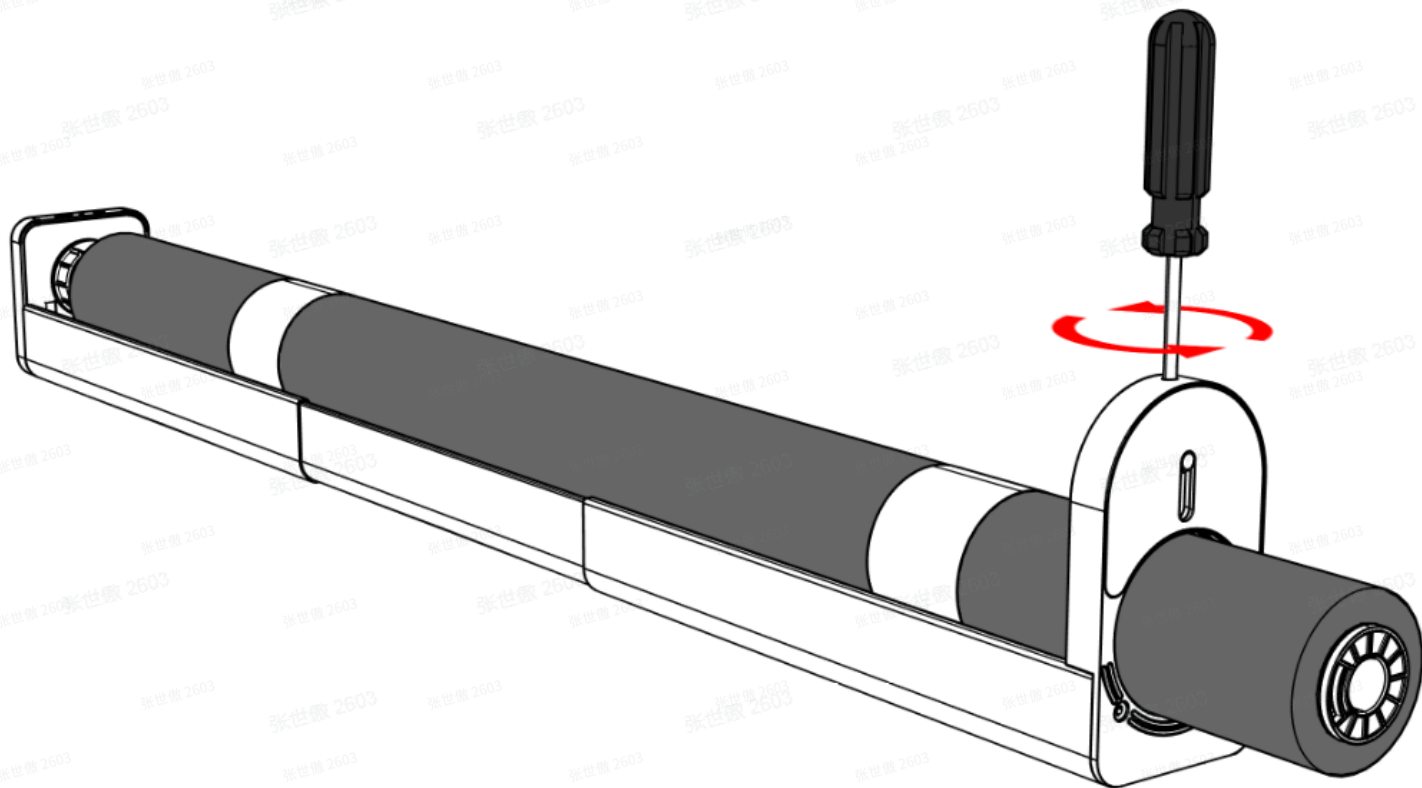


Step 5: Resize the fabric.

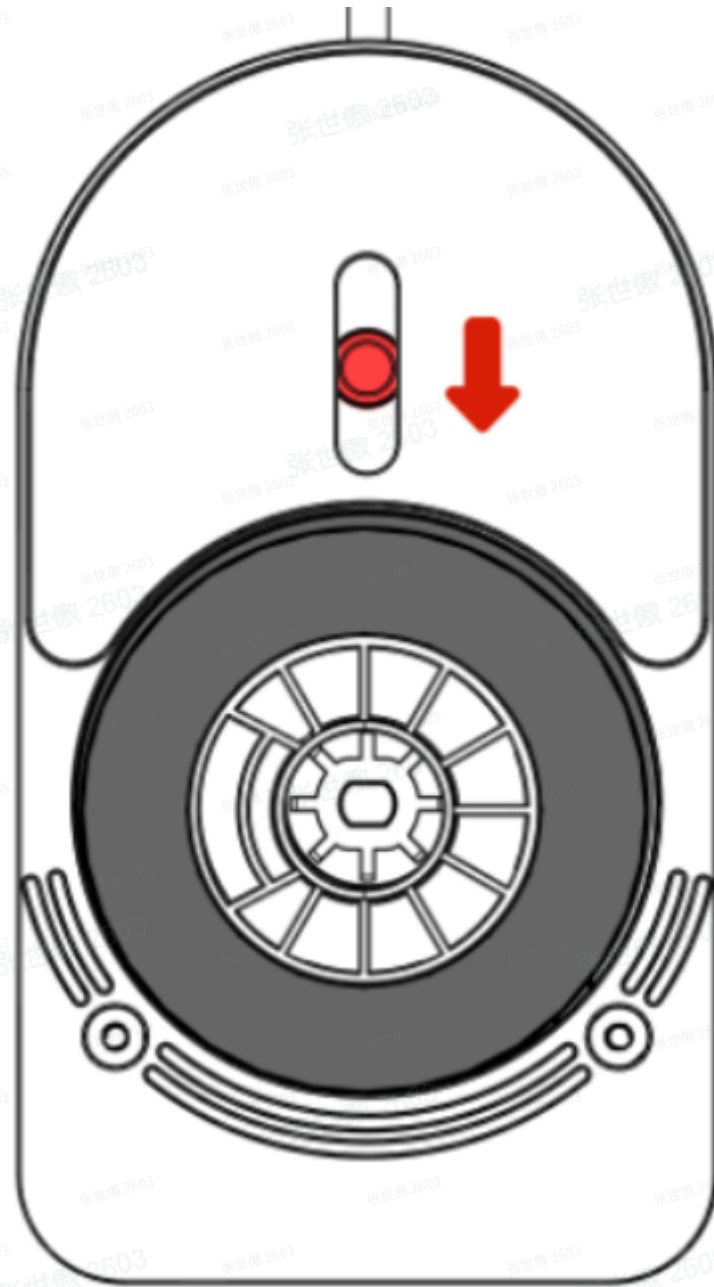
1. Install the Cutter on the Shade Tube.



2. Place the Headrail as shown. Tap Start via our app to start the Cutter. Then insert a screwdriver in the top port and rotate counterclockwise.



Stop the Cutter if you see the indicator moves to the other end.

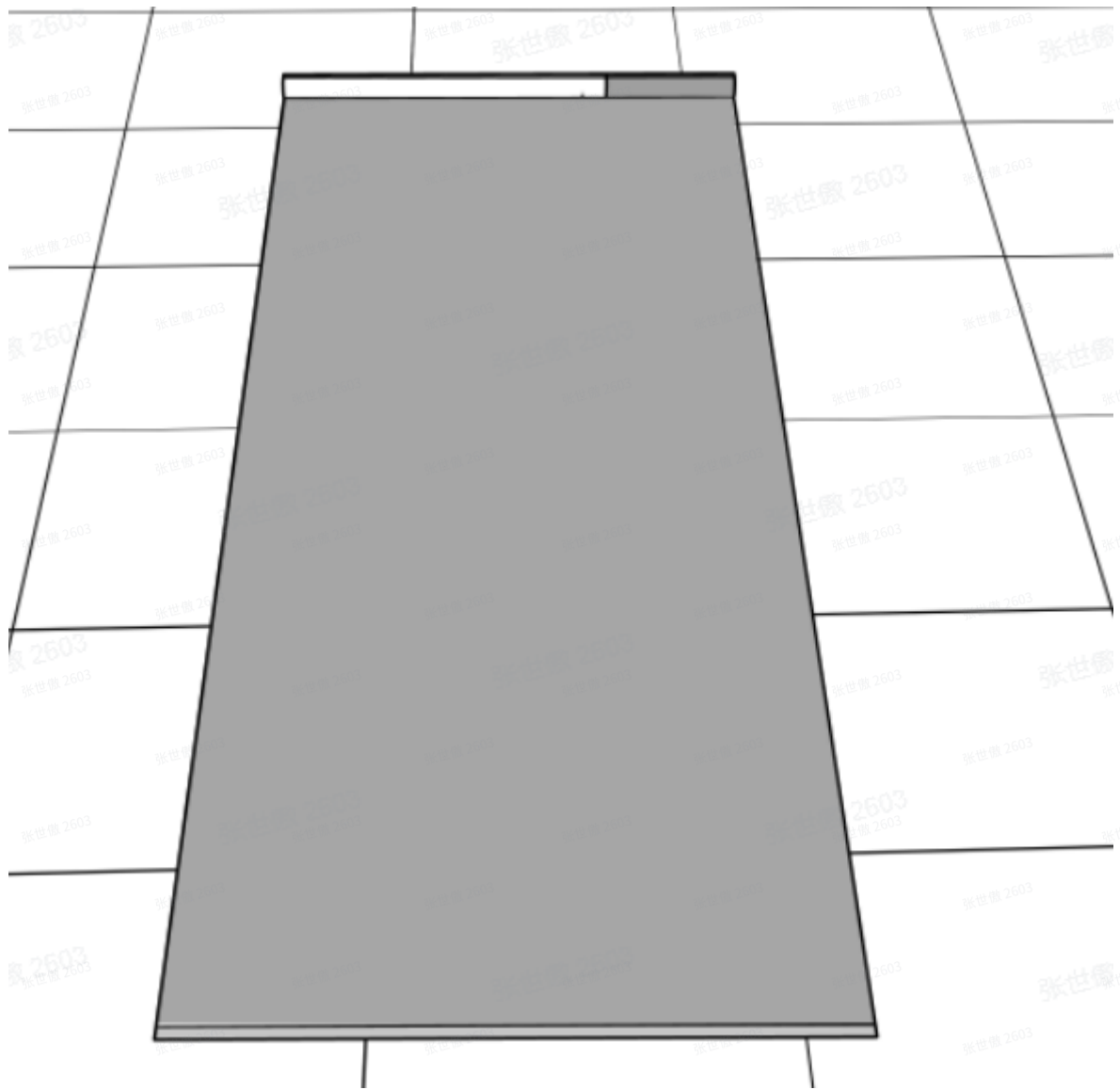


If the fabric is stuck and the cutting is not finished, rotate the screwdriver clockwise for 1 to 2 circles and start the Cutter via our app to try again.

Step 6: Install the Shade Fabric.

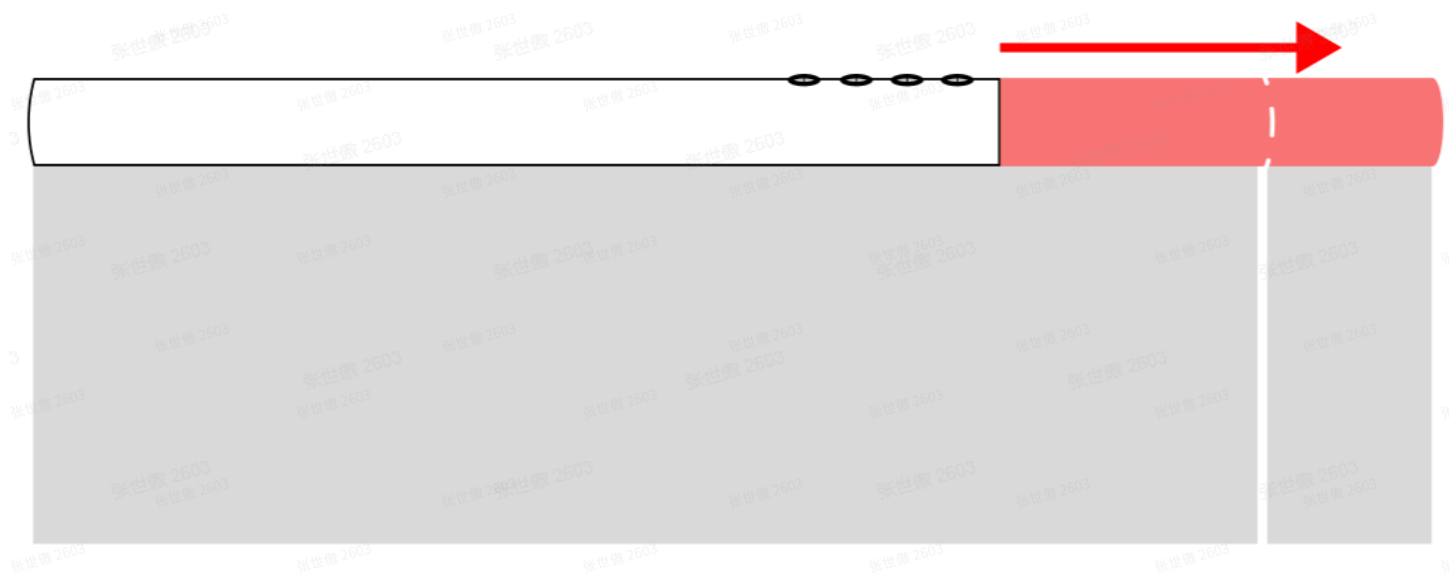
Note: The fabric will be completely cut off in later steps.

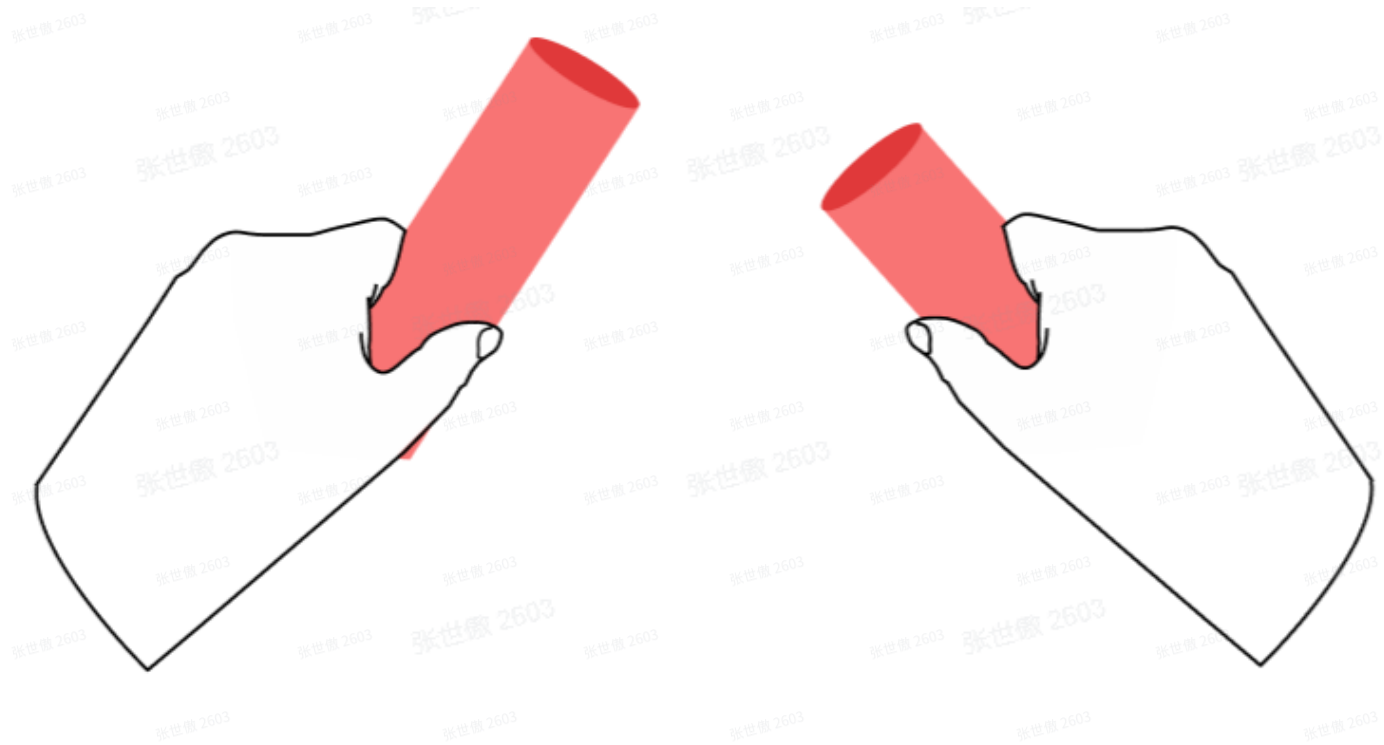
1. Rotate the top screw on the Cutter clockwise until the indicator returns to the initial position, then remove the Cutter from the Shade tube. Tear off the PVC cover and unfold the fabric on a flat surface.



2. Resize the Shade Tube.

Remove the plastic cover on the Shade Tube and break it according to the cutting mark.

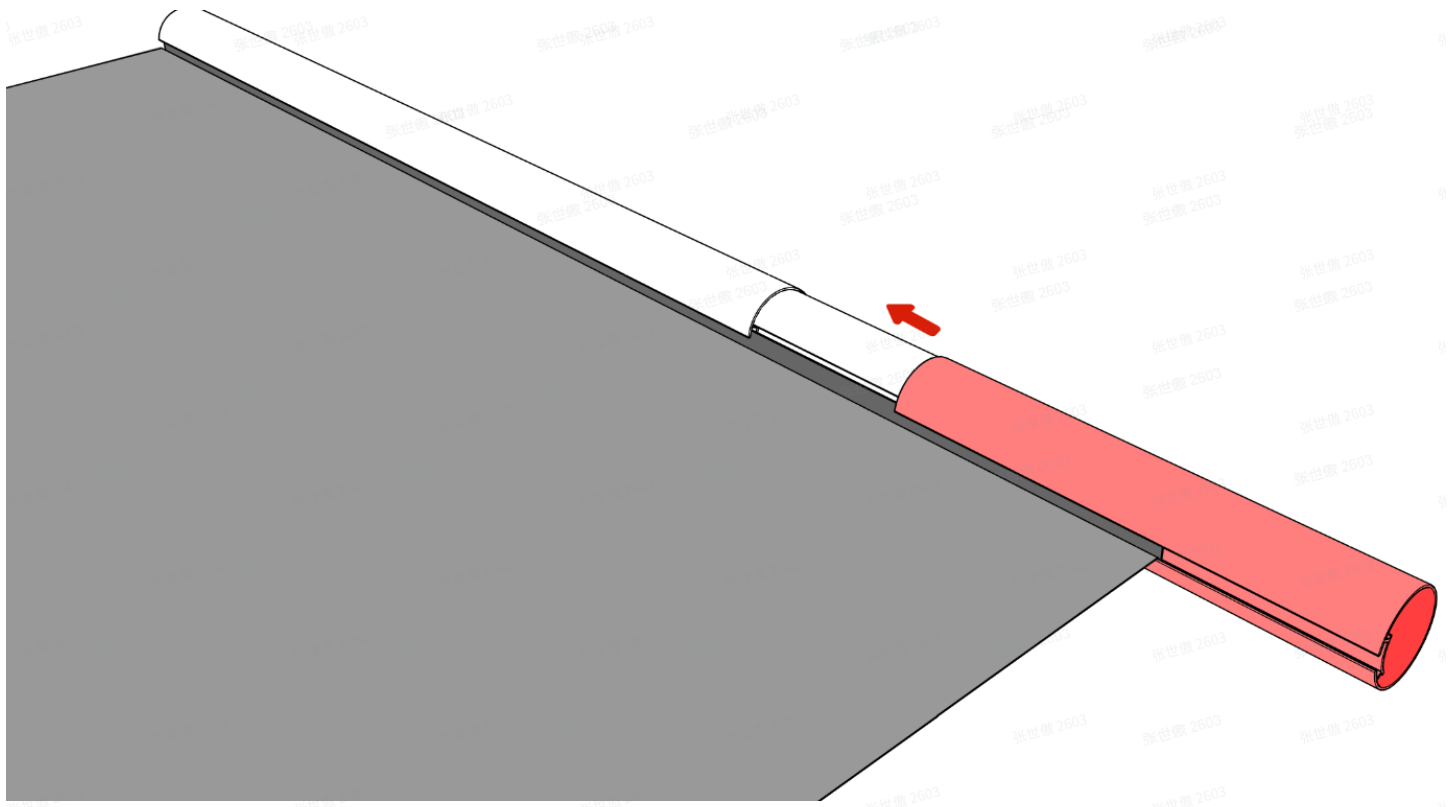




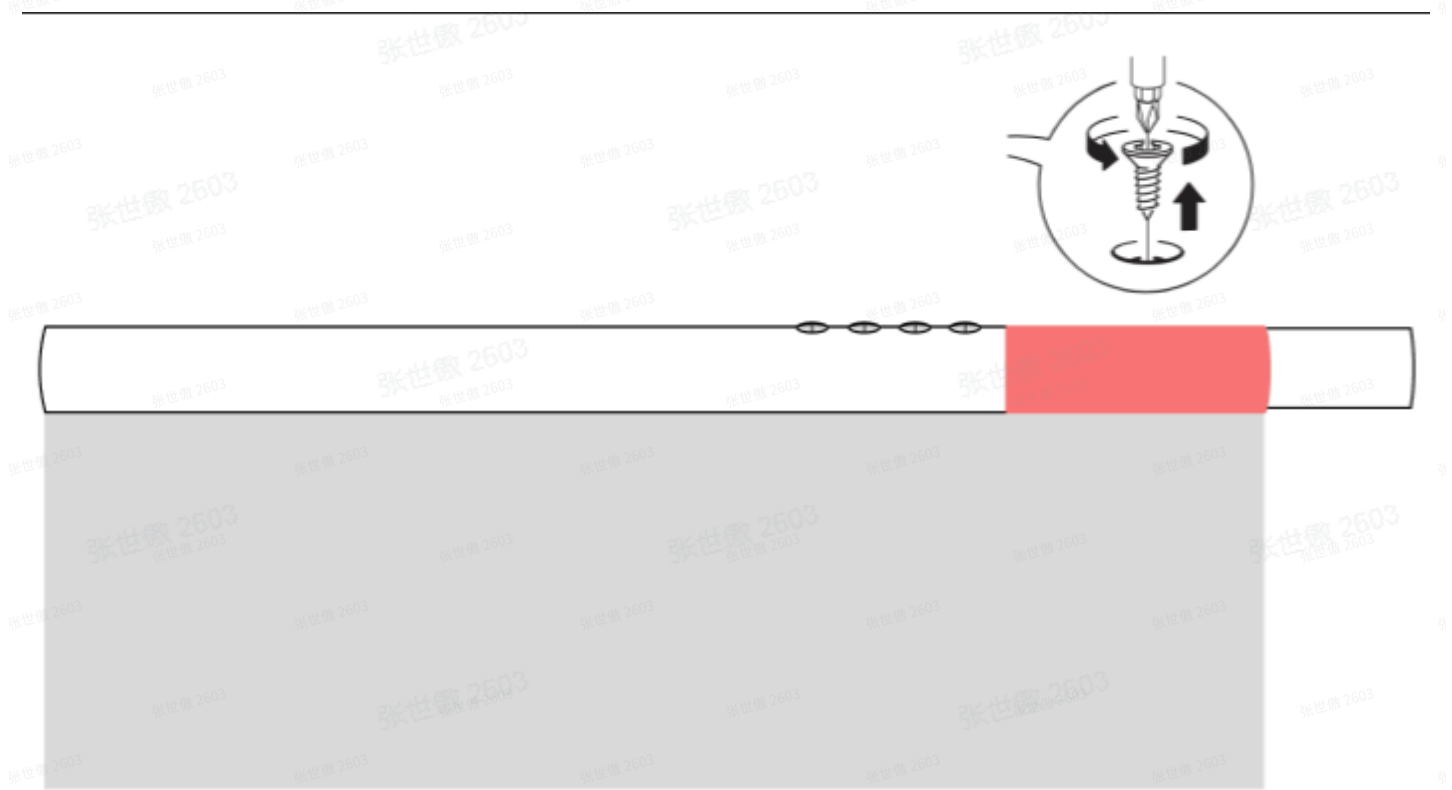
Cut off excess fabric with scissors along the fabric cutting mark.

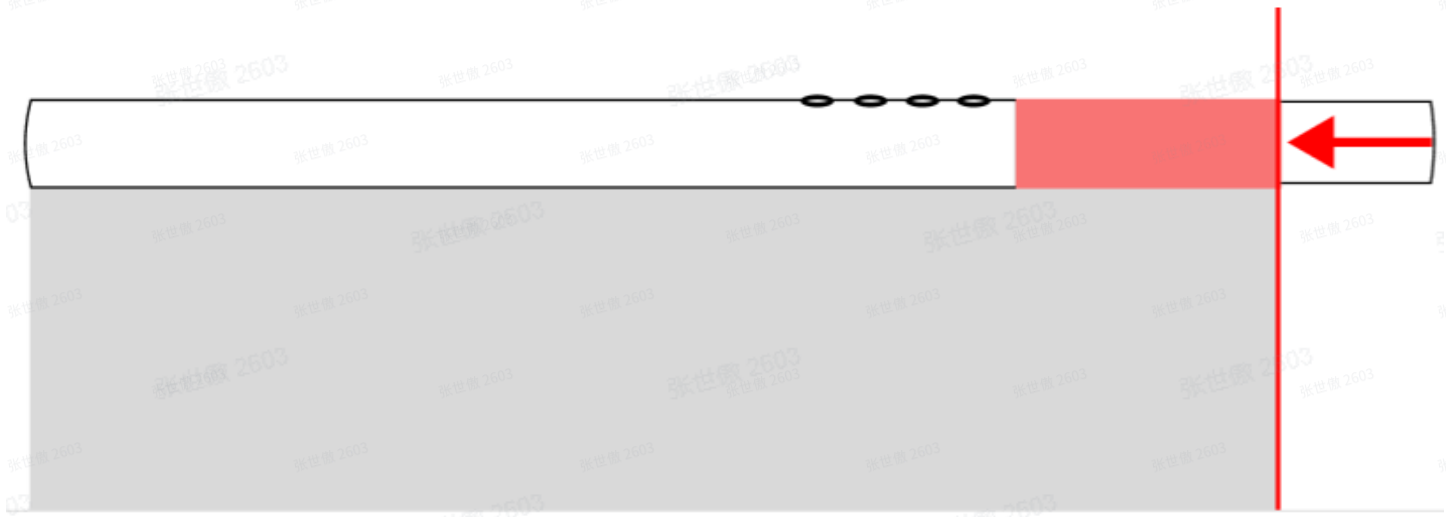


Install the plastic cover back to fix the fabric.



Loosen the screws on the Shade Tube and adjust the size to fit the fabric. (Make sure the fabric on both sides is aligned.)





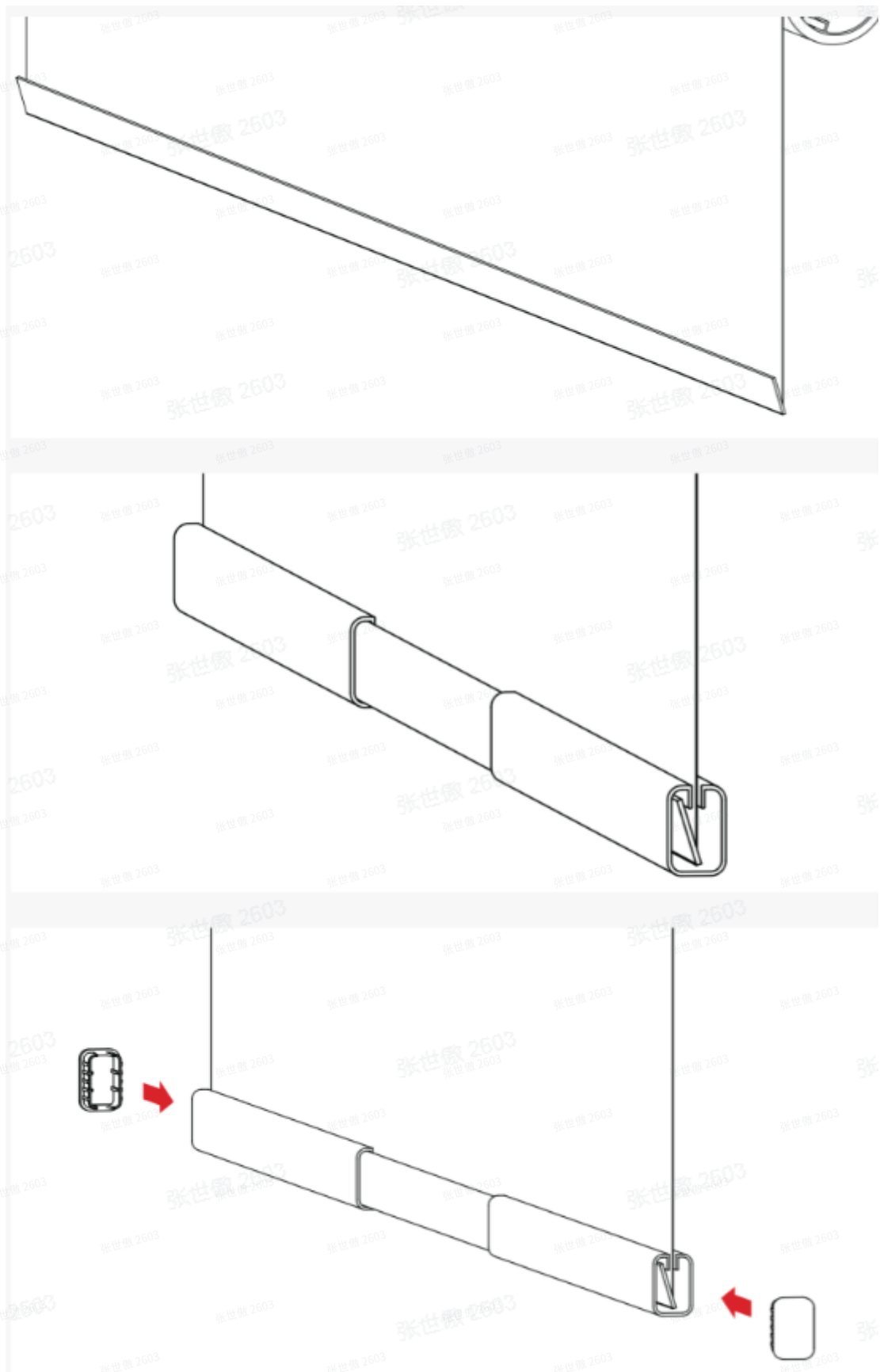
Step 7: Install the Headrail.

1. Install the Bottom Bar.

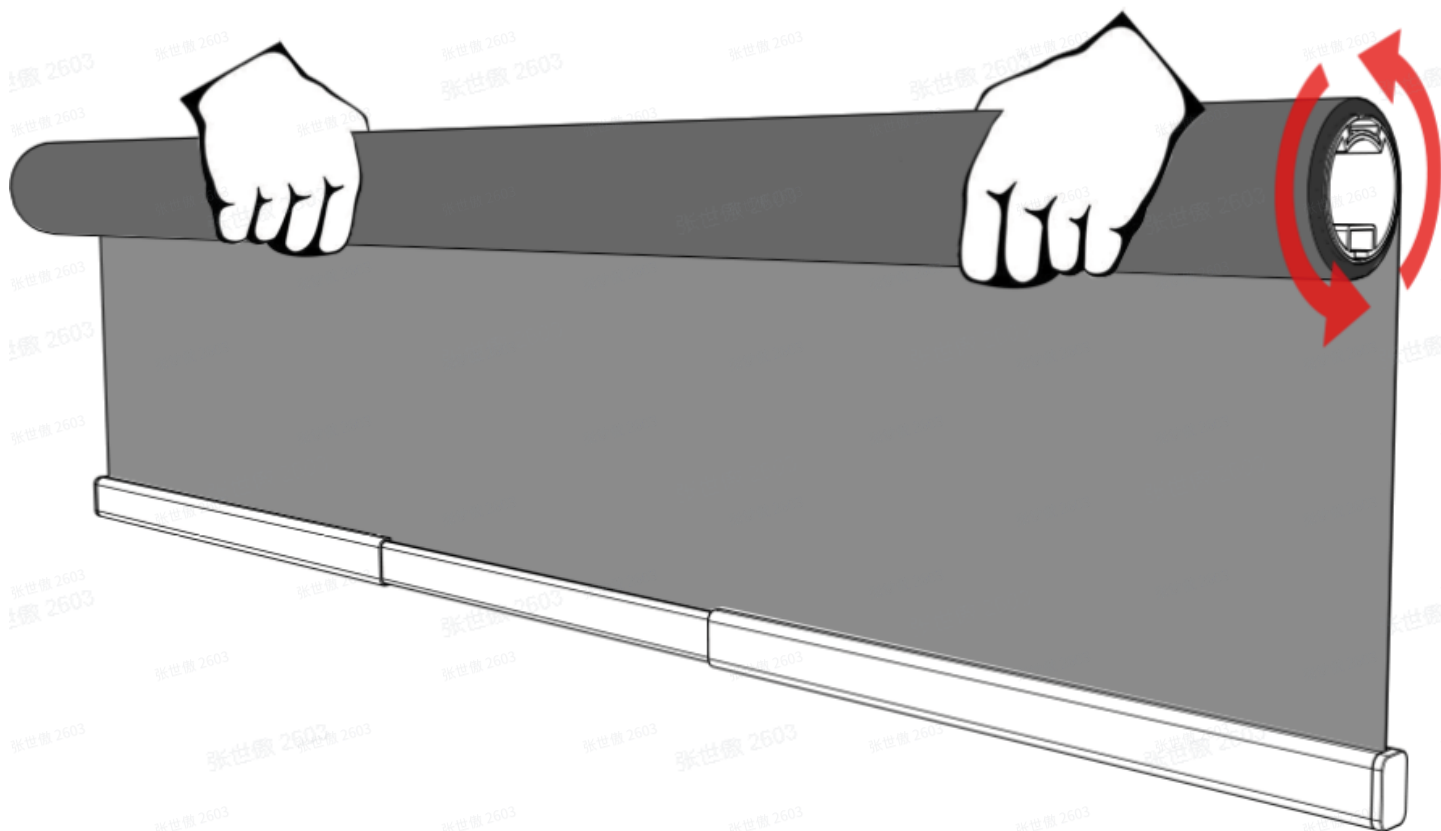
Tear off the guide label on the Bottom Bar.

Fold the fabric and route the Bottom Bar to the lower part of the fabric. Adjust the fabric on both sides.

Then install the end caps.

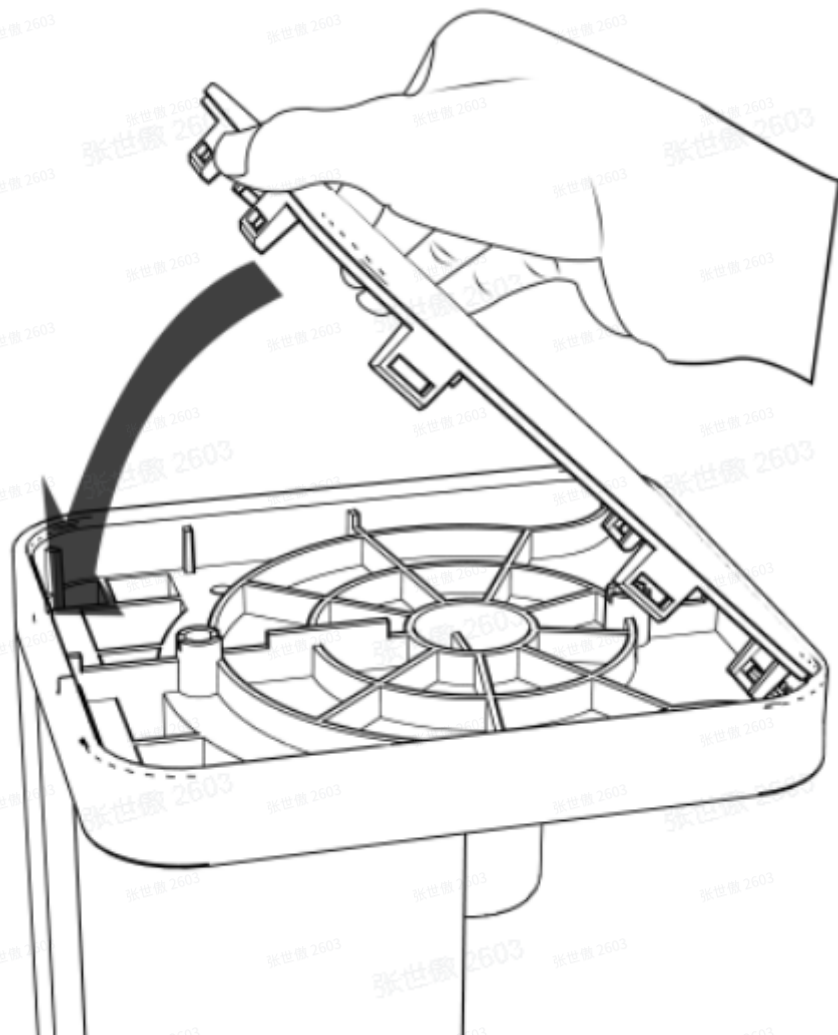
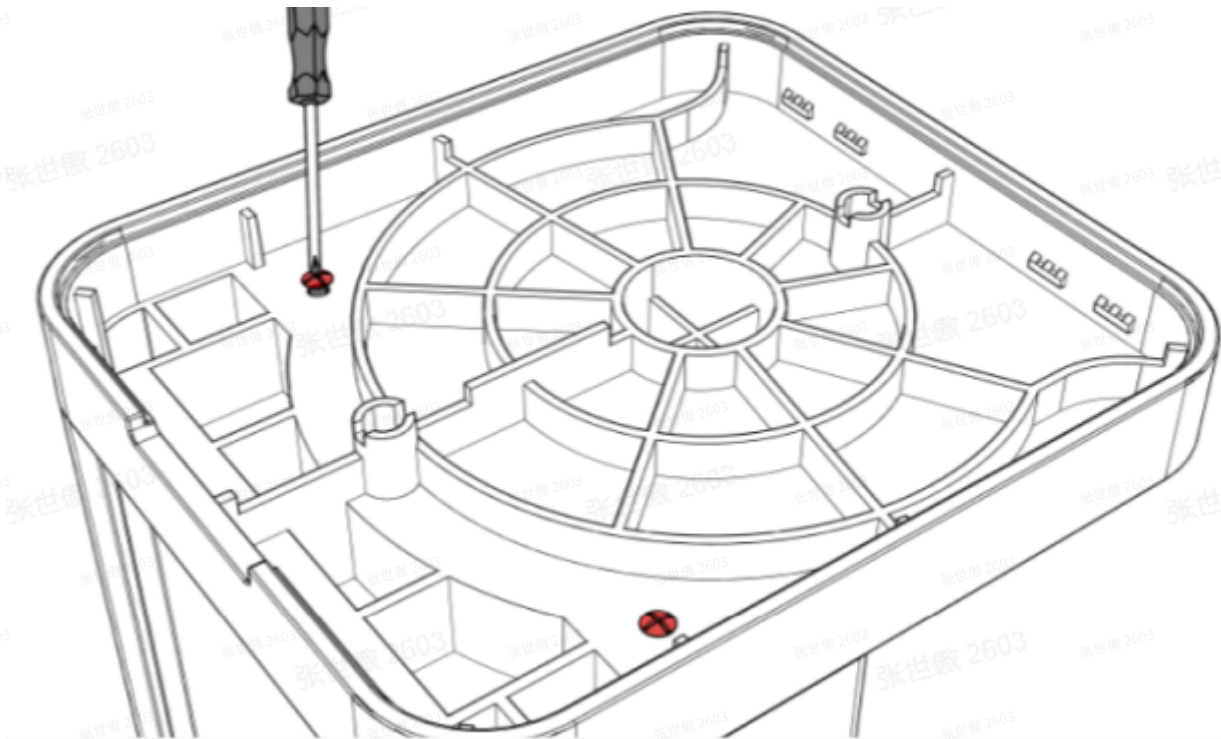


2. Roll up the fabric.

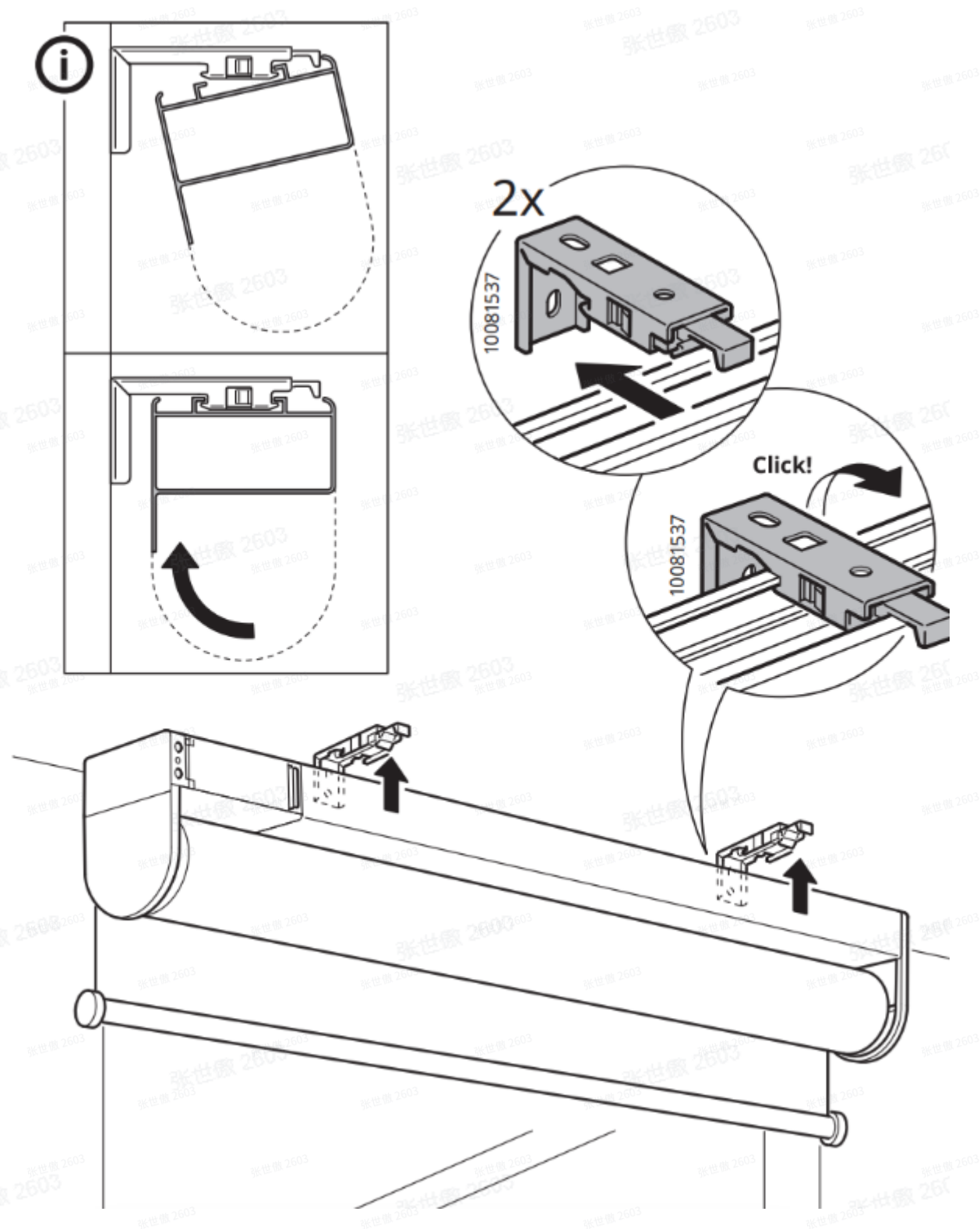


Reinstall the tube cover and tighten the screws to secure the bracket. Then close the bracket cover.





3. Clip the Headrail on the Mounting Brackets until you hear a click.



(Optional) Install the Controller.

Connect the Controller to the lower-right port of the product and install the Cable Wrap.

Note: The Controller can be used once calibration is completed.

(Optional) Install a Solar Panel.

Attach the Solar Panel on a glass with direct sunlight.

Connect the cable to the Type-C port on the lower side of the Headrail. Organize the cable to prevent interference.

Step 8: Calibrate Roller Shade.

Calibrate the route of your Roller Shade as prompted on the app.

Usage Guide

App Control

We provide an intuitive control app for both iOS and Android systems, and we update it weekly or bi-weekly based on your feedback. For a better user experience, we also support OTA firmware upgrades.

Controller

After calibration is completed, long press the button on the controller to move your Roller Shade up or down. You can also charge it by connecting to a 5 V 1 A/2 A adapter through the Type-C port on the controller.

Voice Control and Home Automation

You can link third-party services to your SwitchBot account to use voice control or create scenes. Follow these requirements to enable voice control and automation:

- Connect your phone or tablet to the internet
- Set up a SwitchBot Hub (sold separately)
- Enable Cloud Services in the settings page
- Link third-party services to your SwitchBot account

Try to say:

Alexa, close the curtain.

OK Google, close my bedroom curtain.

Hey Siri, open the living room curtain.

*SwitchBot Hub series (sold separately) required

Precautions

- the appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction.
- children being supervised not to play with the appliance.
- Instructions for class III appliances state that it must only be supplied at SELV.

- WARNING: Important safety instructions. It is important for the safety of persons to follow these instructions. Save these instructions.
- do not allow children to play with fixed controls. Keep remote controls away from children.
- WARNING: Important safety instructions. Follow all instructions, since incorrect installation can lead to severe injury.
- that the characteristics of the driven part must be compatible with the rated torque and rated operating time;

Settings

Solar Panel with Light Sensor (sold separately)

The Solar Panel's light sensor allows you to set up Automations based on light levels. Additionally, it helps identify the time of day with the best light, which can be used to set the optimal automatic charging time.

Delays

You can set a delay for an action and specify its opening and closing degrees for your Roller Shade.

Schedules

A maximum of 5 scheduled tasks are supported. You can set more scheduled tasks after configuring a SwitchBot Hub device. You can set the time and opening and closing degrees for each task as needed.

Usage Guide

Charging

It takes about 10 hours for the battery to be fully charged, and the battery life is 8 months in standard mode. You can also purchase our Solar Panel to charge your Roller Shade whenever there is sunlight.

1. A 5 V 1 A power adapter is required.
2. The battery life is tested under the following conditions: an ambient temperature of 25 °C, a height of 2 meters, a product weight of 4 kg, and rolling up and down once per day. Battery life may vary under different working conditions.
3. After connecting to Solar Panel, your Roller Shade can be used non-stop with just 4 hours of sunlight per day.

Restoring Factory Settings

Long press and hold the Add Device button for 15s until the indicator light changes from flash to always on, and then release the button.

Restarting

Using the delivered Reset Tool to short press the Restart Button and wait for the indicator light to flash.

Upgrading the Firmware Version

In order to improve user experience, we will regularly release firmware updates to introduce new functions and solve any software defects that may occur during usage. When a new firmware version is available, we will send an upgrade notification to your account via our app. You can access the Settings page of your Roller Shade and download the latest firmware. Please ensure your product is activated and has enough battery, and keep your smartphone nearby during the upgrade to avoid interference.

Troubleshooting

Please visit the link below or scan the QR code for more detailed instructions.

<https://support.switch-bot.com/hc/en-us/categories/22307951443863>

Specifications

Color: Silver

Material: Aluminum alloys + ABS

Size:

Model S: 82 × 72 × 580 mm (3.2 × 2.8 × 22.8 in.)

Model M: 82 × 72 × 800 mm (3.2 × 2.8 × 31.5 in.)

Model L: 82 × 72 × 1100 mm (3.2 × 2.8 × 43.3 in.)

Model XL: 82 × 72 × 1400 mm (3.2 × 2.8 × 51.1 in.)

Weight:

Model S: 2.07 kg

Model M: 1.70 kg

Model L: 1.38 kg

Model XL: 1.13 kg

Power Supply: 5 V 1 A DC Type-C adapter, 2600 mAh lithium battery

Battery Life: 8 months, or unlimited with a Solar Panel

Longest Route: 2 meters

Maximum Load: 4 kg (8.8 lbs) of curtains (test data)

Operating Temperature: 0 °C to 45 °C (32 °F to 113 °F)

Operating Humidity: 10% to 95% RH

Connectivity: Bluetooth Low Energy

System Requirements: iOS 14.0+, Android OS 5.0+

Warranty

We warrant to the original owner of the product that the product will be free from defects in materials and workmanship. Please note that this limited warranty does not cover:

1. Products submitted beyond the original limited warranty period.
2. Products on which repairs or modifying have been attempted.
3. Products subjected to falls, extreme temperatures, water, or other operating conditions outside the product specifications.
4. Damage due to natural disaster (including but not limited to lightning, flood, tornado, earthquake, or hurricane, etc.).
5. Damage due to misuse, abuse, negligence or casualty (e.g. fire).
6. Other damage that is not attributable to defects in the manufacture of product materials.
7. Products purchased from unauthorized resellers.
8. Consumable parts (including but not limited to batteries).
9. Natural wear of the product.

Contact & Support

Feedback: If you have any concerns or problems when using our products, please send feedback via our app through the Profile > Help & Feedback page.

Setup and Troubleshooting: support.switch-bot.com

Support Email: support@switch-bot.com

Warning

CE Warning

To comply with RF exposure requirements, a minimum separation distance of 20 cm must be maintained between the user's body and the device, including the antenna. Use only the supplied or an approved antenna. This device is in compliance with the essential requirements and other relevant provisions of directive 2014/53/EU. All essential radio test suites have been carried out.

CE DOC

Hereby, Woan Technology (Shenzhen) Co., Ltd. declares that the radio equipment type W50000000 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: support.switch-bot.com

This product can be used in EU member states and UK.

Manufacturer: Woan Technology (Shenzhen) Co., Ltd.

Address: Room 1101, Qiancheng Commercial Center, No. 5 Haicheng Road, Mabu Community, Xixiang Subdistrict, Bao'an District, Shenzhen, Guangdong, P.R.China, 518100

CE representative: XDH Tech

Address: 2 Rue Coysevox Bureau 3, Lyon, France

Operation frequency : Max RF output power

BLE: 2402 MHz to 2480 MHz (6.26 dBm)

Operation temperature: 0 to 40 °C

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference.

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

IC Warning

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage.
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

IC Radiation Exposure Statement

This equipment complies with the IC radiation exposure limits established for uncontrolled environment. This equipment must be installed and operated at least 20 cm from a radiator or your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements de la IC établies pour un environnement non contrôlé. Cet équipement doit être installé et fonctionner à au moins 20cm de distance d'un radiateur ou de votre corps.

NCC Warning

取得審驗證明之低功率射頻器材，非經核准，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

低功率射頻器材之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前述合法通信，指依電信管理法規定作業之無線電通信。

低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。