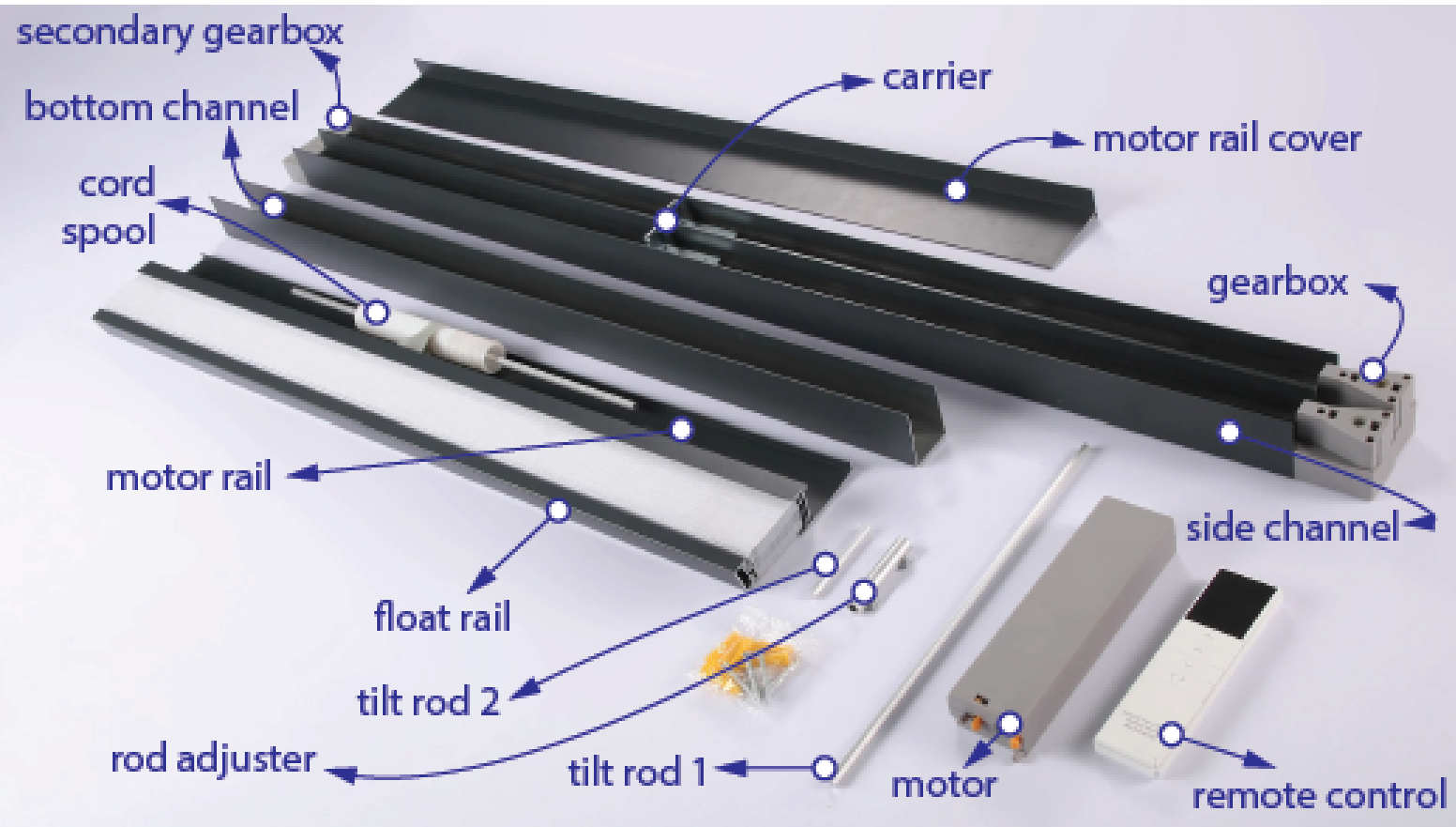


Twin Honeycomb Openview Electric Blind



Somfy Motor

For Mains Powered Motor

Battery Features – Post-August 2024

Input Voltage: DC 5v 1A

Requires a special Somfy charger

Can be charged with compatible Somfy Solar Panels

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Before you Begin

PLEASE NOTE, THE MOTOR FACES DOWNWARDS INTO THE ROOM AND IS COVERED BY THE MOTOR PLATES

There are numbers on the motor rails, and the side channels to ensure you attach the side channels in the correct way. Improperly configured side channels will prevent the blinds from operating correctly.

The side channels must be fitted parallel to each other.

The recess is unlikely to be perfectly square, and the walls are unlikely to be perfectly flat.

You will likely need to use packing material behind the side channels to ensure they are installed parallel and straight.

Ensure the correct side of the blind is facing down into the room.

The motor rail holds the motors and cord tension spools, which should be facing down into the room.

Assemble the blinds on the floor first and test their operation, if possible.

This will prove that the blinds functions correctly before you fit them into the ceiling, and allow you to work on the blinds quickly and safely.

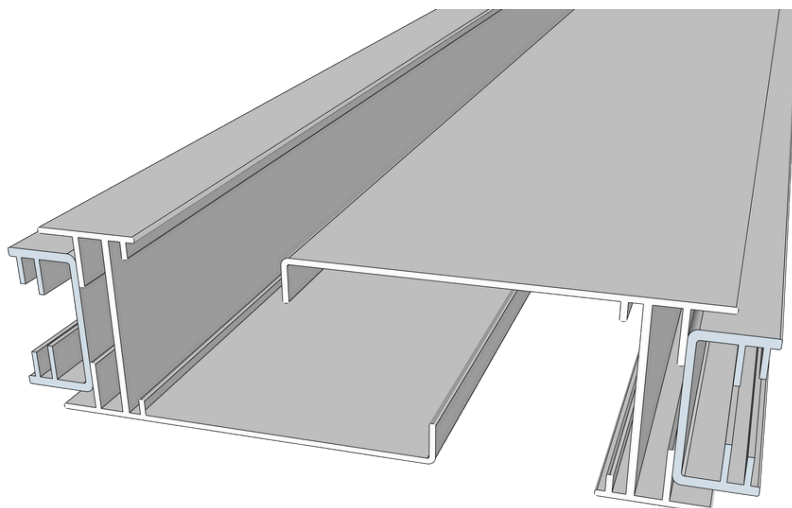
The motor rail will be shipped with masking tape covering the cord spools.

Avoid removing the tape until it's time to operate the blinds.

Take care to avoid unspooling the blind, as you will need to re-spool it before installation.

The images and drawings shown here are indicative of component positions and the actual configuration of your blind may vary slightly. Do not attempt to make significant changes to the setup (such as to swap the motor to the opposite of the motor rail assembly).

When the two blinds are laid out side-by-side, you will notice that the float rails are not identical. This is by design. The float rails are intended to overlap each other to block light. While the float rails may not close perfectly tight on wider blinds, the overlapping design ensures that no direct light can pass through the blind.



Side channels with Joins

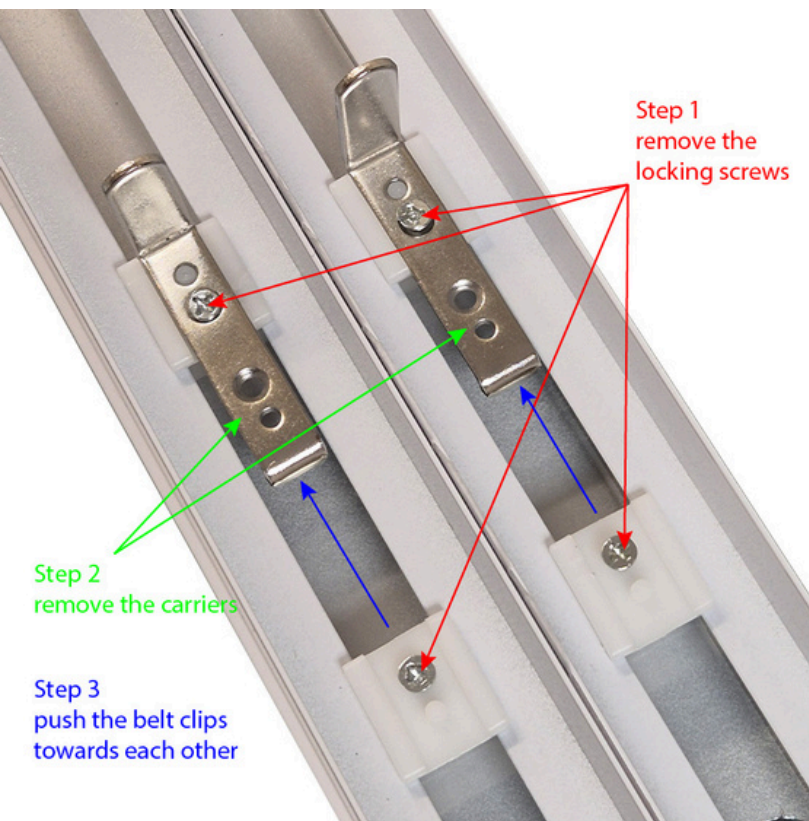
If your side channels have joins, connect the side channels first before proceeding with the installation. Ensure that there is no gap between the two joined parts.

Refer to this video which is for a similar product <https://videopress.com/v/IPpitAc9>

Important

We are unable to ship joined side channels with the belt loop fully assembled. The accompanying video will guide you on how to connect the belt ends correctly for optimal functionality of the blind.

Please pay special attention to the following images, which demonstrate the correct positioning of the belt connectors when assembling the joined side channels.



Fit the shelf and join covers

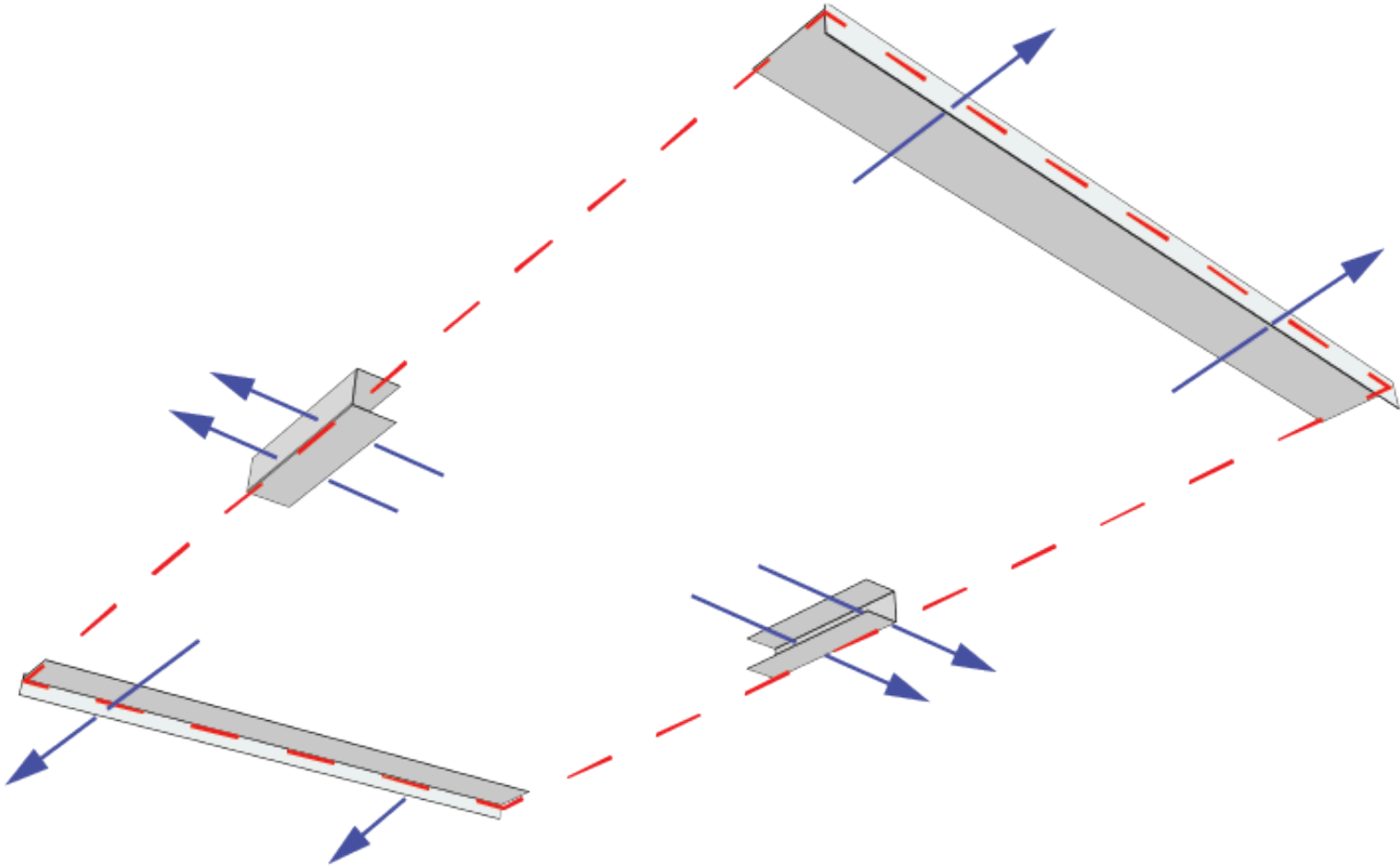
Mark a level line around the opening, ideally at the bottom edge of the blind, follow these steps:

Use a spirit level or laser level to draw a horizontal line at the desired height, which should be at the bottom edge of the blind.

Extend this line around the entire opening, ensuring it remains level throughout.

Double-check the line's levelness using the spirit level or laser level at various points around the opening.

Once you are satisfied with the line's levelness, use a pencil to mark the line clearly.





Elongated hole

Screw cover cap

Use the motor rail cover as a shelf. Install one cover at each end as shown. The motor rail cover is a very thin aluminium profile. It is not easy to fit it against the wall perfectly level, since the screws will pull the profile out of shape. It is recommended that you make slightly elongated holes to allow you some up/down 'play' in the fixing position. Use the screw covers enclosed to cover the screw heads.

Fit the join covers at the centre of the opening. Check the details below to mark out the best hole positions.

The join covers are 200mm long.

Fit the join covers at the center of the opening, ensuring that the halfway point (100mm) you marked aligns with the midpoint of the opening.

Attach the join covers to the wall, making sure that your screw holes are 40mm or less in from each end of the join covers



Verifying that Side Channels and Motor Rails Match

At this stage, it is crucial to double-check that the motor rail assembly matches the correct pair of side channels.

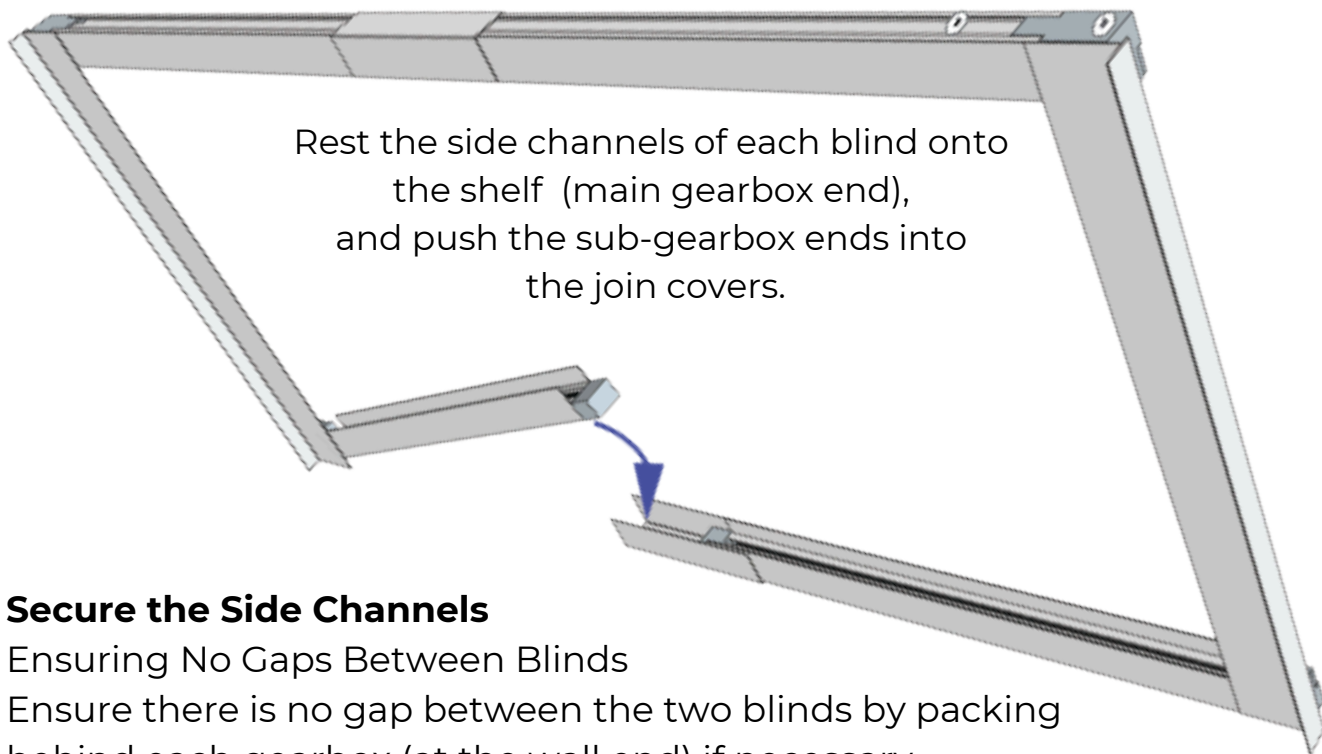
In the provided picture, you can see the number “1” on the motor rail assembly. Carefully inspect the side channels and look for the same number “1” attached to them.

Ensuring that the motor rail assembly and side channels are properly matched is an important step to prevent potential problems later in the installation process.

Ensure the correct side of the blind is facing down into the room before you set your side channels into position.

The motor rail holds the motors and cord tension spools, which should be facing down into the room.





Rest the side channels of each blind onto the shelf (main gearbox end), and push the sub-gearbox ends into the join covers.

Secure the Side Channels

Ensuring No Gaps Between Blinds

Ensure there is no gap between the two blinds by packing behind each gearbox (at the wall end) if necessary.

This will prevent the blinds from shifting when you secure the side channels.

Keeping Side Channels Straight and Parallel

The side channels must be straight and parallel to ensure the proper functioning of the blind. You can use the pre-drilled holes as fixing positions for the side channels, but you can also make your own holes if needed.

Recommended Screw Placement

You won't need many screw holes in the side channels. We recommend one screw near the joiner, one screw near the gearbox end, and an additional screw if you have a gap of more than 1.2 meters between those screws.

If you place a wedge between the wall and the gearbox to push the side channels (as recommended), you can leave them there as they will not be visible.

Precautions When Making Your Own Holes

If you do make your own holes, it's important to vacuum any aluminium filings out from the side channels.

Small pieces of aluminium trapped in the gearbox can potentially damage the blind.

Avoiding Over-Fixing

Consider that the blind is well supported by the joiner covers and does not need many fixings.

Don't overdo it with excessive screws, as it may compromise the appearance and functionality of the blind.

Pay Attention to the Screw Heads

Ensure the screw heads are not protruding in such a way that they might snag the carriers as they pass by.

Now go ahead and secure the side channels to the side of the recess opening.

Setting Side Channels Correctly

Let the Side Channels Relax: Do not screw them tight to the wall until you have checked whether the recess is straight and the walls are parallel.

Checking Alignment: Ensure that the side channels are parallel to each other. If necessary, pack behind the side channels to make them parallel.

Avoiding Fabric Issues: If you do not set the side channels correctly, the fabric may fall out of the track if wind or a vacuum passes through the room. This is because misaligned side channels can cause the fabric to shift or become dislodged.

Note of the side channel number: Take a note of the number sticker that is located on the side edge of the side channels. You will need to know which channels are fitted where.

Blinds with Joined Side Channels

If your blind has joined side channels, it is important to ensure that the float rail cannot get caught or snag at the join positions.

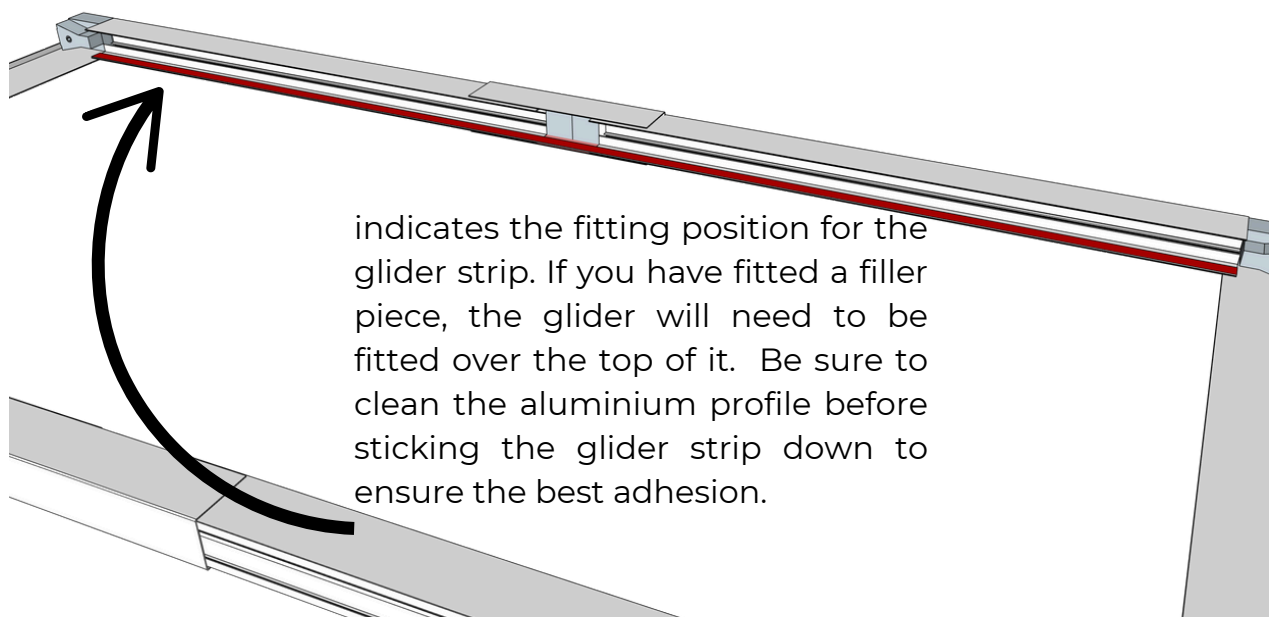
To prevent this, a PVC strip is included with the blind, which should be fitted to the lower part of the side channel – the face that the float rail will move along.

This PVC strip is included with pre-July 2024 versions of this blind model.

Carefully measure and cut the PVC strip to fit the length of the joined side channels, ensuring it is securely attached and flush with the channel surface.

The PVC strip creates a smooth, continuous surface for the float rail to glide along, preventing any snagging or catching at the join points.

Properly installing this PVC strip is crucial for the smooth and reliable operation of your blind, especially if it has joined side channels.



Remove the motor rail covers

Now that your side channels are secured, you are able to remove the motor rail cover fixings and give yourself the space needed to continue the installation.

Installing the Solar Panel (if applicable)

If your blind comes with a solar panel, it may be easier to install it now rather than at the end of the installation process.

The solar panel can be fitted to the back of the blind (on the motor rail) or alternatively elsewhere where it will get the most exposure to light.

To attach the solar panel to the back of the blind:

Identify the appropriate location on the motor rail where the solar panel can be securely mounted.

The black side of the panel should be facing the sun.

Clean the surface of the motor rail to ensure good adhesion.

Peel off the backing from the solar panel and firmly press it into the desired location on the motor rail.

Ensure the solar panel is aligned properly and secured in place.

Alternatively, you can choose to install the solar panel in a different location, such as on a nearby wall or surface, where it will receive the most direct sunlight.

When installing a solar panel, ensure that it is not placed on any window glass with a light transmission of less than 65% (including Low E glass and window tinting), or obstructed by a secondary window pane or bug screen. Additionally, always keep the photovoltaic cells unobstructed and do not place any objects in front of them.

Connect the motor rail assembly

Verifying that Side Channels and Motor Rails Match

At this stage, it is crucial to double-check that the motor rail assembly matches the correct pair of side channels.

In the provided picture, you can see the number "1" on the motor rail assembly. Carefully inspect the side channels and look for the same number "1" attached to them.

Ensuring that the motor rail assembly and side channels are properly matched is an important step to prevent potential problems later in the installation process.



Removing the Tilt Rods

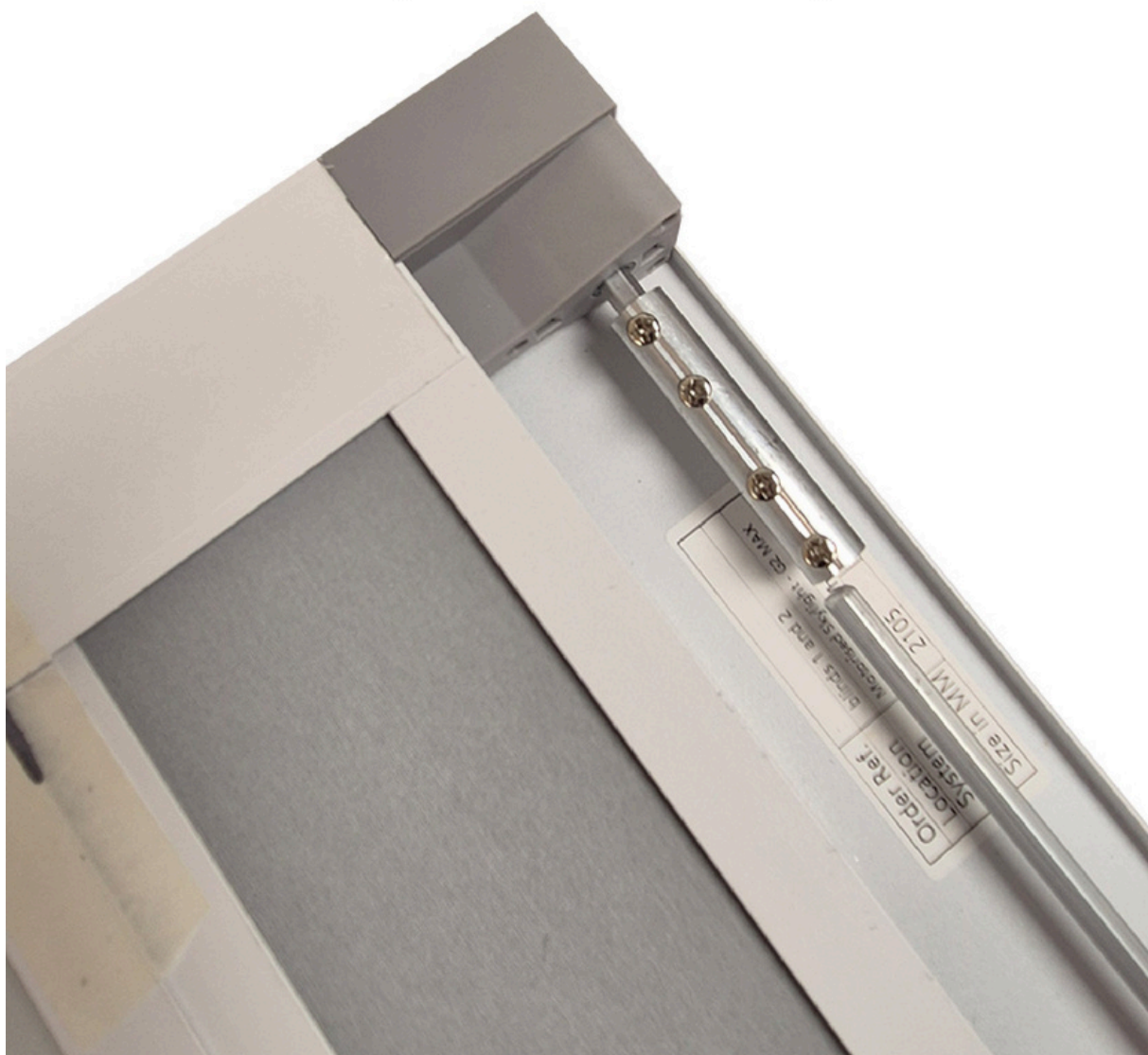
The motor is located in the centre of the motor rail. Ensure the tilt rods stay engaged in each side of the motor. This will help to hold the fabric and float rail in position whilst you make the installation.

Temporarily remove the small tilt rods (and optionally the rod adjuster) from each end of the motor rail. Unscrew the tilt rod adjuster screws and slide the adjuster to one side. Remove the rod from the gearbox

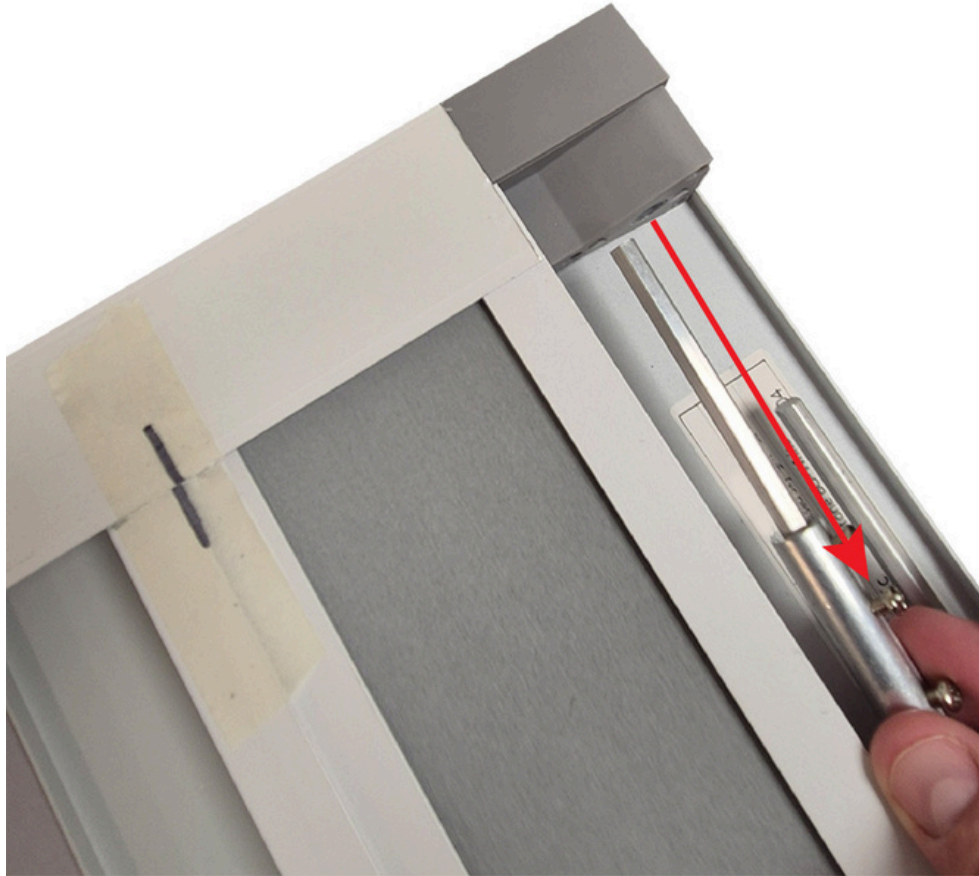
If possible, do not allow the spools to unwind. Try to keep the masking tape that covers the spools attached to help keep the cords in place.

Repeat this process for the other tilt rod on the other side of the motor rail.

Unscrew the tilt rod adjuster screws and slide the adjuster to one side

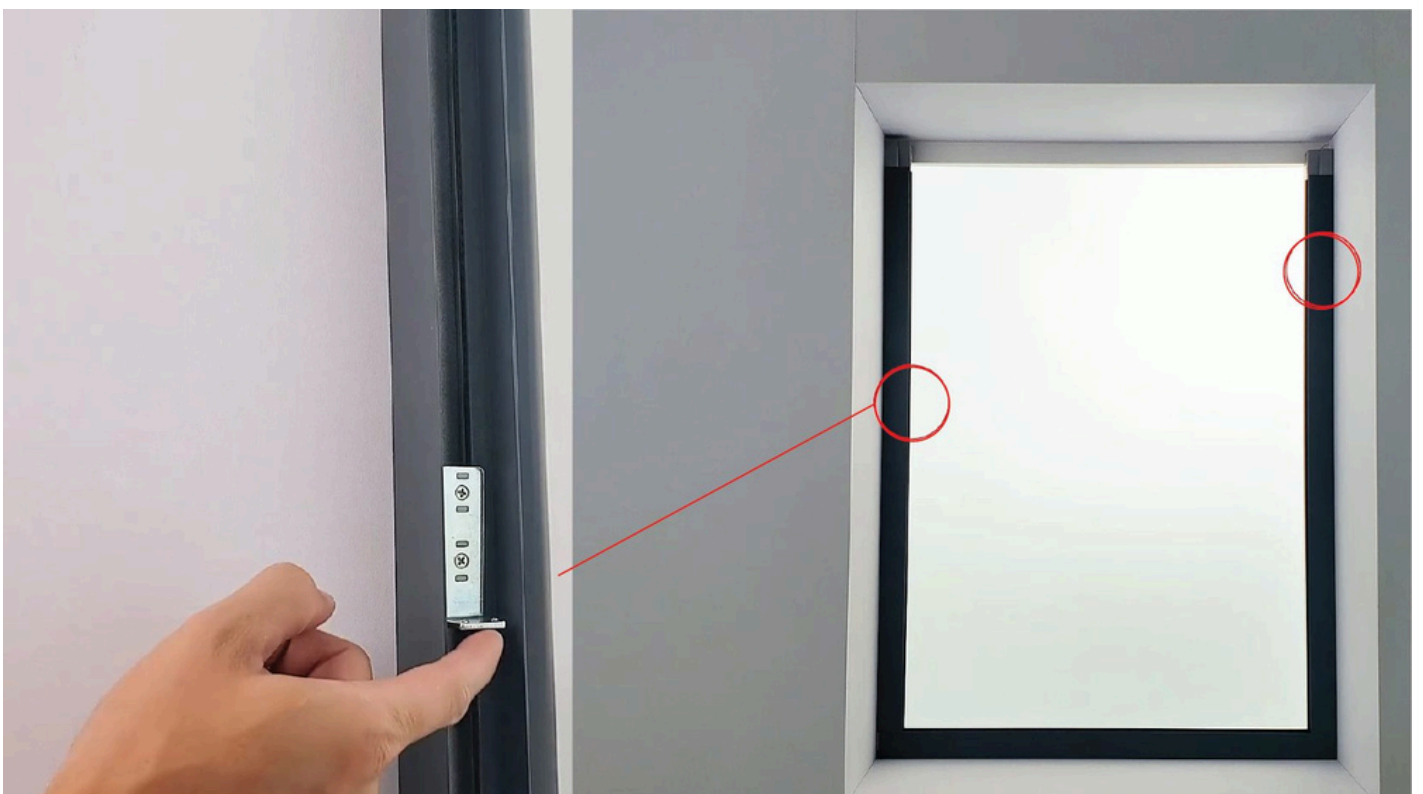


Remove the rod from the gear box



Sliding the Carriers into Position

Slide the carriers into position as shown in the provided image. You'll note that the carriers are slightly offset to each other.



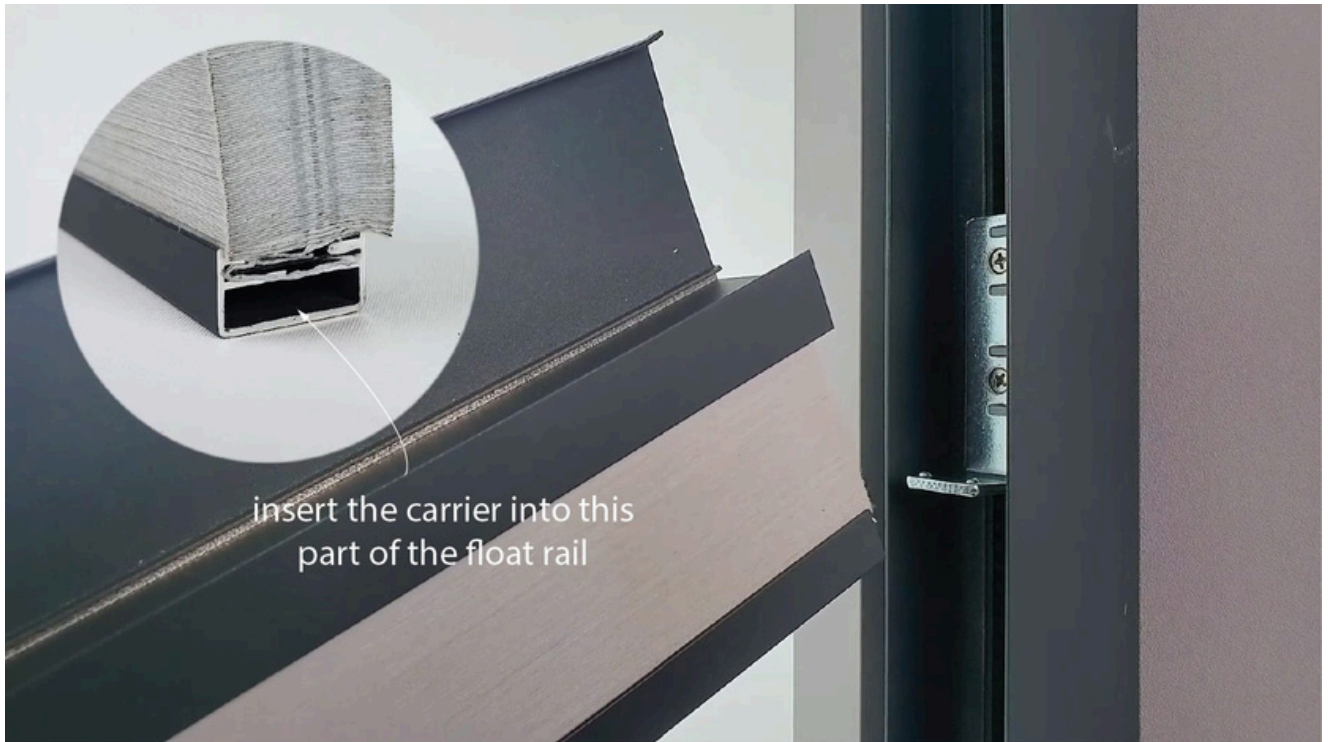
Inserting the Carrier into the Float Rail

Take the motor rail assembly, which includes the fabric and float rail.

Insert the carrier into one end of the float rail.

Your float rail may have an extended float rail, depending on the blind size.

Regardless of the float rail length, the same small float rail will be present, and this is where the carrier will insert into.



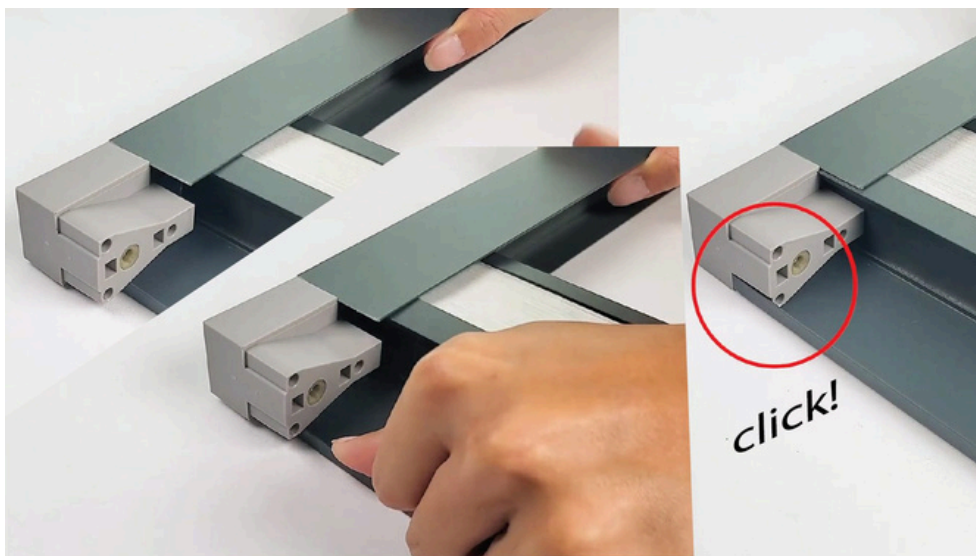
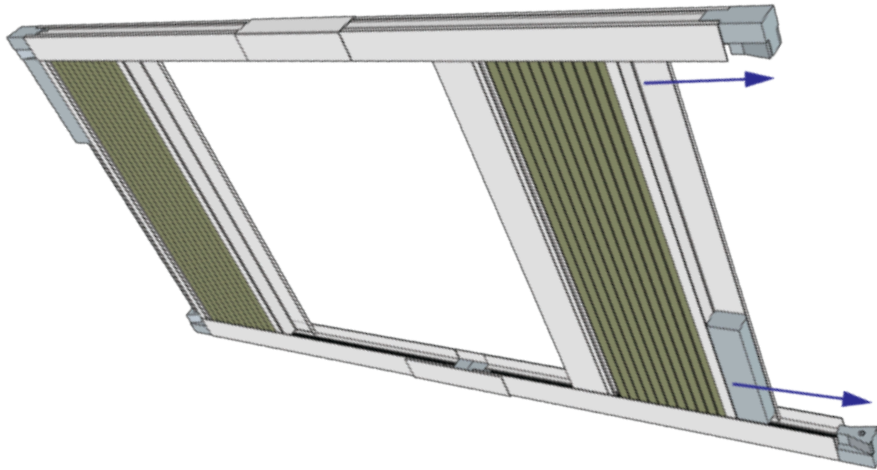
Completing the Float Rail Assembly

Insert the other side of the float rail into the other carrier.

Push the underside of the float rail to level the blind on both the left and right-hand sides.



Push the motor rail assembly toward the gearboxes as shown in the drawing (note that the grey box shown in the diagram is not present in the G2 MAX, please ignore it).



You will know that the motor rail has located correctly when you hear a click sound

Reinstalling the Tilt Rods

Re-insert the tilt rods into the gearboxes with the rod adjuster ready to be slid across to join the rods together. Do not slide the joiner across just yet.



Ensure that the black lines on the float rail align with the black lines on the side channels.

Completing the Tilt Rod Installation

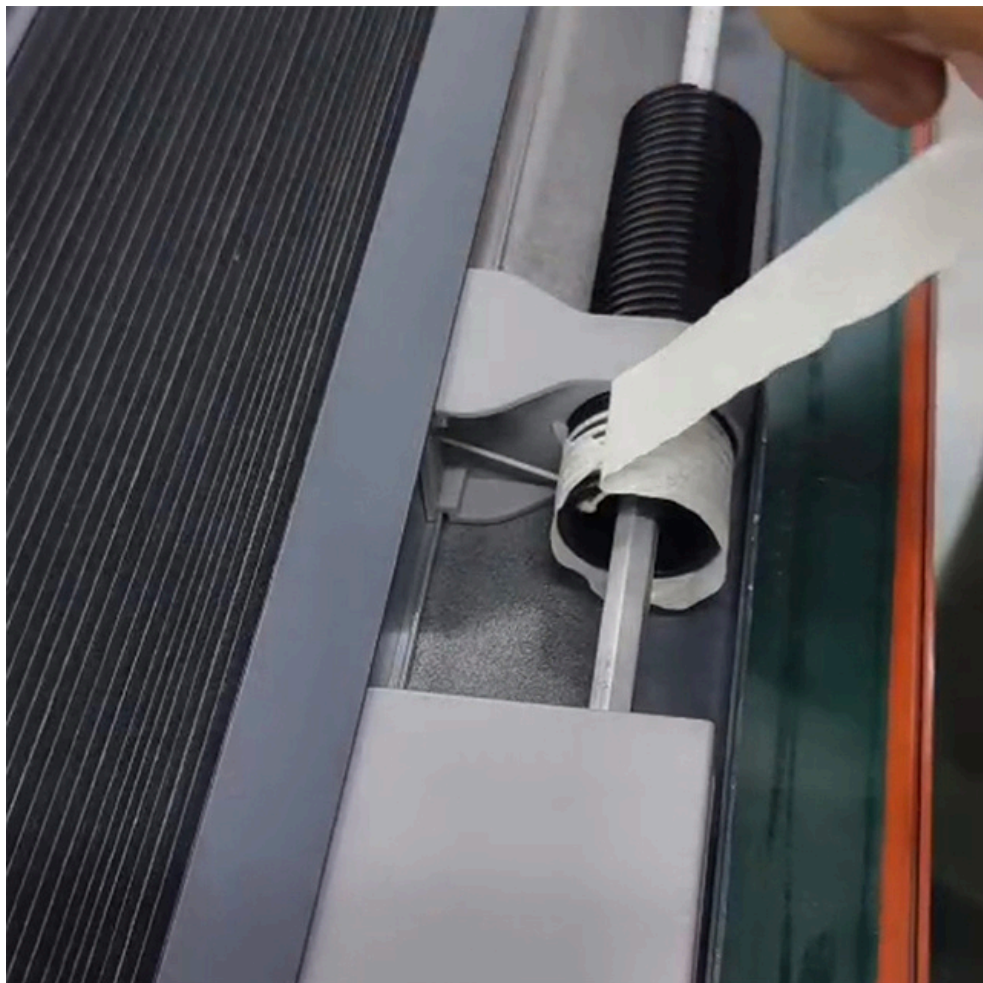
Slide the rod joiner across to join the small rods to the big rods. You may need to use some pliers to slightly turn the rod to ensure it engages correctly.

If you do this, try to ensure that you turn the rod in such a way as to tighten the cords on the spools (wind up)

Tighten the screws.

You'll notice that you can no longer affect the float rail height on the right-hand side because it is engaged by the motor. You don't need to over-tighten the screws, they just need to be firmly locked down.

Remove any masking tape. Carefully remove any masking tape from the spools and cord.



Check that the cords are rolled onto the spools correctly. There should be no cords overlapping. Overlapped cords will impair the running of the blind.



Repeat the above steps for the second blind

Recap

Before proceeding further, please ensure the following:
There is no gap between the ends of the side channels where both blinds meet.

If you have joined side channels, there is no gap between the channels at the join positions, and the glide tape has been fitted. You have checked that the side channels are parallel and have been packed out as necessary.

You have removed the motor rail covers.

The motor and spools are visible to you when viewing the blind from ground to the roof lantern.

The remote control

The standard remote control used is a 4-channel handset, and has 4 single channels and a 'group' channel which fires the same signal to all channels simultaneously. Your blind will be programmed to channels 1 & 2 to provide individual control, and also to the universal channel to make sure that both blinds work together.

UP – Open the blind

MY – Stop the blind

DOWN – Close the blind

Cycle Button – Cycle through the channels



Check the direction of the motors

You need to ensure that both blinds operate in the same way when the DOWN button is pressed.

Ideally, the blinds should close (cover the window) when the DOWN button is pressed, and open when the UP button is pressed.

Note: the term 'jog' is used to indicate the short two-way movement of the motor when the motor is in programme mode.

TESTING THE DIRECTION

Select channel 1 on the remote control

Press the DOWN key, note the function that the blind performs (either open or closed).

Select channel 2 on the remote control

Press the DOWN key, note the function that the blind performs (either open or closed).

If the blinds both have the same function when pressing the UP or DOWN key, there is no need to reprogramme the direction of the motor. Whilst it's not imperative that UP opens the blinds, and DOWN closes the blinds, you can change the functionality depending on preference.

It is imperative however, that the blinds either open together or close together when the relevant button is pressed.

If the blinds have opposite functions, use the method below to change the direction of one blind.

CHANGE THE DIRECTION

Select the channel of the blind to control

Press the UP or DOWN button to move the blinds away from its upper or lower end limit and then the MY button to stop it somewhere in between.

Press and hold the UP and DOWN buttons simultaneously until the blind jogs.

Press and hold the MY button until the shade jogs to confirm direction reversal.

Blind Travel Limitations

At this stage, it is very likely that the blind will not be able to perform a full movement across the window. The blinds will not be set to run the full length of the side channels and will stop about 200mm from the end of the side channels. You will need to set the limits to the final position.

As a result, the blind's travel limits will need to be adjusted.

Adjusting the Open and Closed End Limits

The motor limits will now need to be adjusted to complete the main installation.

BLIND 1

Steps to Adjust the Closed Limit:

Move Blind to Closed Limit: Press the DOWN button until the blind reaches its current closed limit.

Enter Adjustment Mode: Press and hold both the UP and DOWN buttons until the blind jogs up and down.

Set New Position: Use the UP or DOWN button to move the blind to the desired closed position. Press and hold the MY button to confirm. The blind will jog up and down to confirm.

You should send the blind to its fully closed extent.

Steps to Adjust the Open Limit:

Move Blind to Open Limit: Press the Up button until the blind reaches its current open limit.

Enter Adjustment Mode: Press and hold both the Up and Down buttons until the blind jogs up and down. The LED (if present) will blink slowly in orange.

Set New Position: Use the UP or DOWN button to move the blind to the desired open position. Press and hold the MY button to confirm. The blind will jog up and down to confirm.

BLIND 2

Repeat the above steps, but ensure you set the closed limit so that Blind 2 meets Blind 1.

TESTING

Select channel 3 on the remote control.

Press the DOWN key to close both blinds.

If the operation is successful, the blinds will meet each other in the middle of the window.

The float rails do not need to touch each other, but can if you prefer. A gap of approx 1-2mm between the blinds will be fine. If you find that you are unable to close the gap sufficiently, then check that you have pushed the side channels together tightly.

Note About Aligning the Float Rails

Don't be too concerned if the float rails do not meet up perfectly level at this stage. Tensioning the cord spools may affect the alignment of the float rails.

Before attempting to re-align the float rails, you may need to first tension the cord spools.

Adjusting the tension of the cord spools can impact the positioning and alignment of the float rails.

It's important to address the cord spool tension first, as this may help resolve any misalignment in the float rails.

Once the cord spools have been properly tensioned, you can then focus on re-aligning the float rails to ensure a level and consistent appearance.

Tensioning the Cord Spools

'Fabric Sag' is a normal occurrence and will be present on every blind, but the amount of sag is relative to the size of the blind.

Larger blinds may have deeper sag, but the effect will not be as noticeable since the blind is bigger.

While some adjustments can be made, it's likely that every installation will require some adjustment to the cord spool tension.

The adjustment process can be a bit fiddly, but it is quite straightforward.

By adjusting the cord spool tension, you can help minimize the 'fabric sag' and ensure a more even and consistent appearance of the blind.

ADJUSTING THE CORD SPOOL TENSIONS

On the blind to be adjusted, open the blind fully.

Loosen the screws of the rod joiner on one side of the motor and slide the joiner onto the larger rod.

Remove the small rod from the gearbox.

Carefully slide the large rod out of the motor, whilst maintaining tension on the spools by holding a spool to ensure it doesn't unwind.

If you have help, it's a good idea to have the second person hold the spools for you. Add tension by rolling cord onto the spools. Don't be afraid to use some force. When the tension feels tight and strong, have your assistant slide the large rod back into the motor.

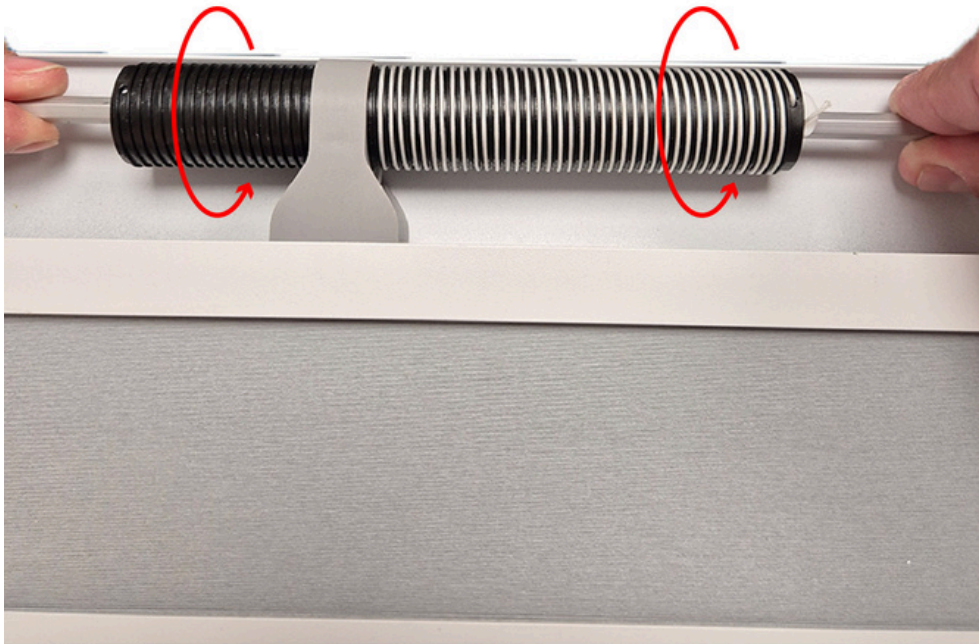
You may have to turn the rod ever so slightly to ensure the shape of the rod matches the port in the motor.

When the rod has been inserted into the motor, you can let go of the spools.

Re-insert the small tilt rod into the gearbox. At this point, you can use the small rod to align the black setting lines of the float rail and the side channel together. Check that the rod joiner screws are facing towards you. If not, slide the rod joiner off the long rod and rotate it as necessary, then sliding the joiner back onto the long rod. Slide the rod joiner back over the small rod.

Tighten the rod joiner screws. Repeat this process for the spools on the opposite side of the motor.

Tension the spools on each side of the motor independently



Adjusting the float rail – video

Now that you've adjusted the tension of the cord spools, you can make further micro adjustments to the float rails to make them level at the centre of the window. opening by adjusting the tilt rod joiners again.

Ideally, you will have aligned the black line marks during the last step and this step will not be necessary.

Here is a video taken of the V1 version of this blind. The principle is exactly the same for this blind. <https://youtu.be/qSKCzMlb-VY>