Shade Mounting Instructions

Please read all of the instructions prior to mounting your shades. It is also best that you get familiar with you shade components and brackets prior to proceeding. Note that the brackets are different for the each end of the shade.

What Do I Need: We've found it easiest to use screws (rather than nails) to mount the shades and pre-drilling the holes makes things easier. You will need a drill, screw driver, tape measure or ruler, and a bubble level. We strongly recommend having 2 people handle the shades. The longer shades can be quite awkward.

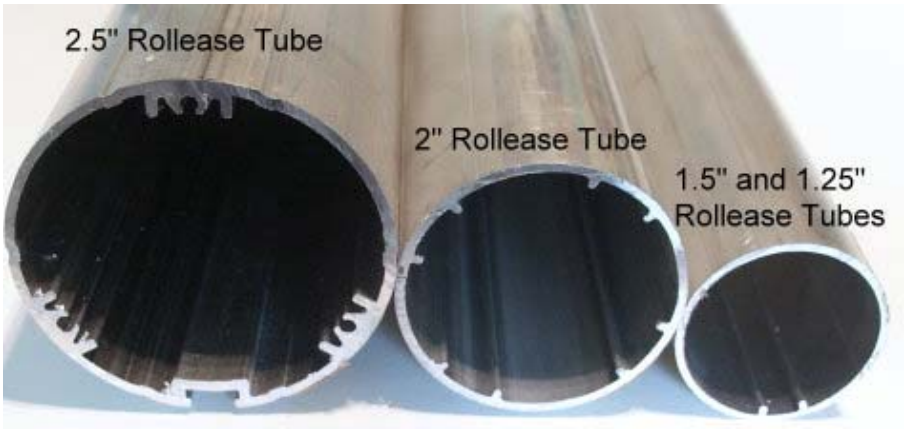
Installation and Preparation

1) Install Motors - Skip this step if your shades came with the motors, springs or clutch installed.

Shade motors are shipped outside of the tube to protect the motor. The Motors will need to be installed. This is true for the Following motorized shades.

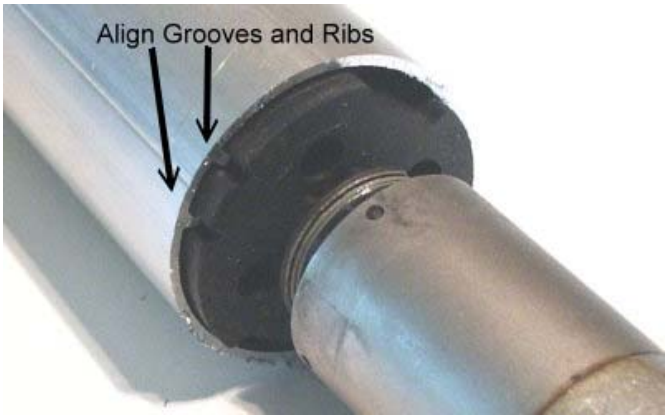
- Somfy LT30 IR or RTS Motors with 1.25" and 1.5" Rollease Tubes
- Somfy Sonesse 30 (ST30) with 1.5" Rollease Tubes
- Somfy Sonesse 50 (ST50) or LT50 Motors with 2.5" Rollease Tubes

a) Observe the internal rib pattern of the tube being used.

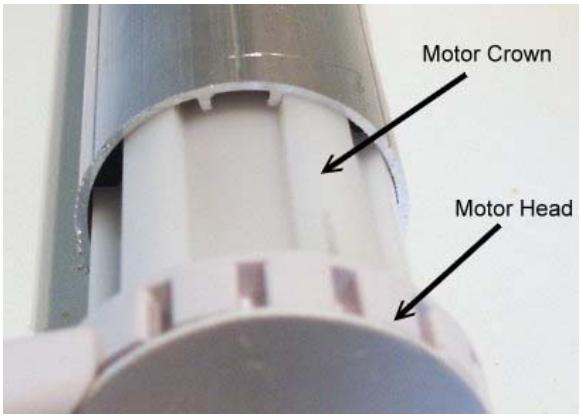


b) Observe the motor drive gear. There should be grooves or notches present that match the rib pattern.

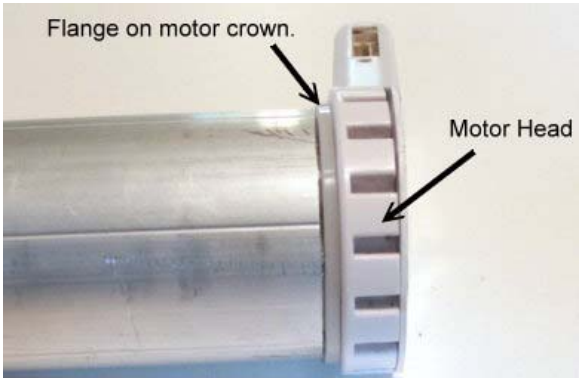
c) Align drive gear grooves with internal ribs of the tube.
NOTE: There are 2 sets of narrow grooves in the rubber drive. They look the same but one set is narrower than the other. The wider set of grooves should be used.



d) Push the motor into the tube. Rotate the crown of the motor to align with the internal ribs of the tube.



e) Push the motor into the tube until the flange of the crown is touching the tube. Generally the crown is a tight fit so some resistance may be felt here.



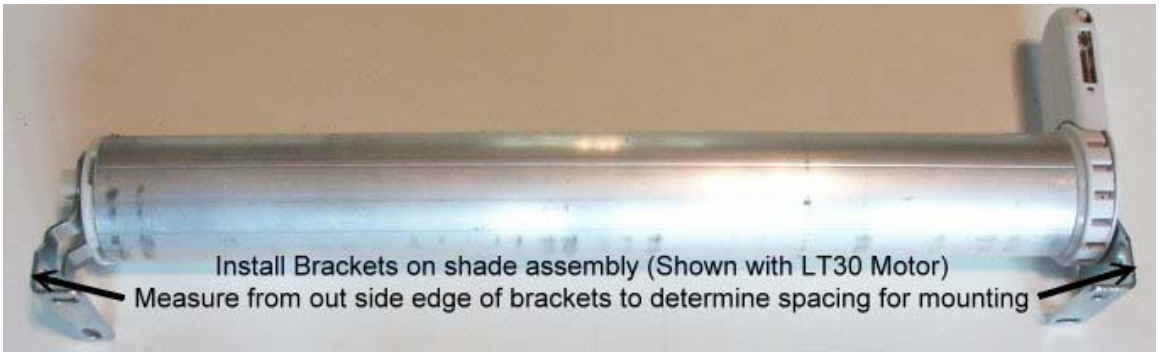
2) Evaluate your shades and mounting area before mounting!!!! Use the appropriate screws for the weight of the shade and mounting area. Most windows have a wood header and framing surrounding them so using wood screws of drywall screws will suffice for most. Shades being mounted into metal frames should be done with self tapping sheet metal screws.

3) Determine the bracket spacing.

a) Shades ordered as Inside Mount - Typically shades specified for inside mount use the entire width of the mounting location. Bracket placement will be at the extremes of this area or simply place the brackets at the extremes of the shade dimensions as ordered. If you ordered a shade that is 24" wide tip to tip or inside mount than the outside edge of the brackets should be at 24"

b) Shades ordered as Outside Mount or Tip to Tip Measure - If you have multiple shades being placed in a continuous back of shades or if you have shades for outside mount of the window frame, simply place the brackets at the extremes of the shade dimensions as ordered. If you ordered a shade that is 24" wide tip to tip or inside mount than the outside edge of the brackets should be at 24"

c) Shades ordered as Specified Material Width: We recommend putting the brackets on the shades prior to mounting and measuring the overall length to find the Tip to Tip measure for the bracket placement.



4) Check for appropriate gaps between roller and walls. In some cases the roller tube with material on it may be larger in diameter than the bracket foot print. We recommend comparing the roll thickness to the bracket foot print to ensure proper clearance of walls and obstacles. We recommend having a ¼" clearance gap.

a) If the bracket foot print is larger than the roll thickness you can put the bracket almost anywhere and the shade should fit. If you are installing over molding you might need to shim the brackets up or use a bracket with a larger projection so that you clear obstacles.

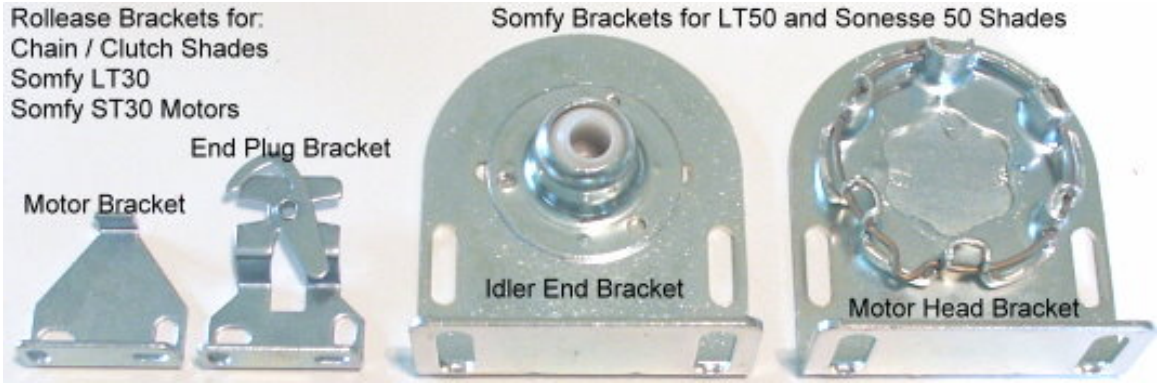
b) If the roll thickness is larger than the bracket footprint you will need to be more careful in bracket placement so there is enough clearance for the roll thickness. We like to have a ¼" gap between the roll and any surface. Since brackets and tube vary so much there is no easy formula for this.

5) Mount your brackets.

a) Mark the locations for you bracket locations with a pencil using the bracket spacing as outlined above. In most cases you will have 2 slotted screw holes in the brackets. Make lines through these locations for the screw positions. Be sure to put the marks at the center of the slots so that you have room to adjust the bracket at a later time.

b) Pre-drill your holes at the marked locations. For smaller shades it is possible to only use one of the mounting holes initially. This will provide easier adjustment for leveling the shade assembly.

c) Mount your brackets with the appropriate screws. Be sure to use the correct bracket for the side of the shade. Motor end and idler / end plug ends use different brackets. Do not over tighten screws. This may result in the sheetrock being compressed and the shade not fitting properly.



6) Install your shade.

Chain Driven Shades and Somfy LT30 or Sonesse 30 motorized shades.

Due to the weight and size of these types of shades we strongly recommend 2 people handling the shade during installation.

a) Insert the motor head end of the shade assembly onto the tab of the motor bracket.

b) Place the end plug into the opposite bracket and make sure you use the V-Groove on top of the bracket rather than the one on the bottom. If you use the bottom V-Groove the shade may fall.

c) Flip the finger lever over on the end plug bracket to protect the shade from being inadvertently knocked off the brackets.

Somfy Sonesse 50 (ST50) and LT50 Shades

Due to the weight and size of these types of shades we strongly recommend 2 people handling the shade during installation.

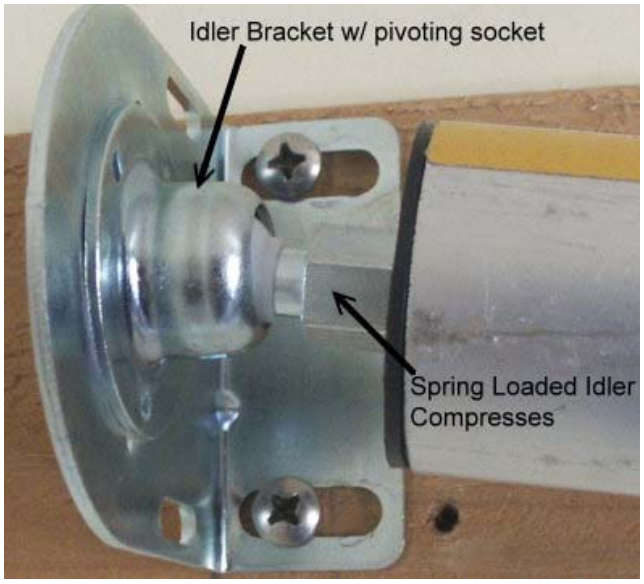
a) Rotate the retaining clip on the motor head bracket so that the opening in the clip is positioned to allow for the proper power cord position.

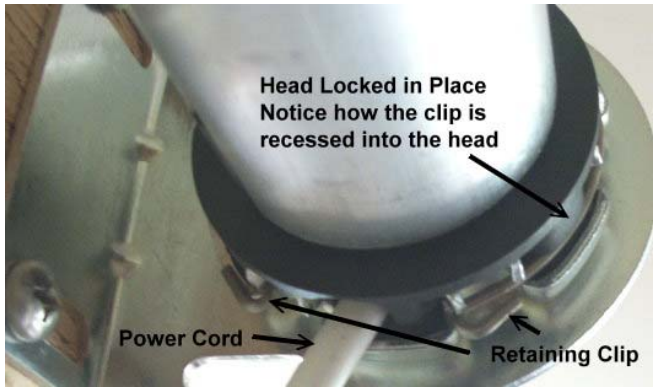
b) Insert the idler end of the shade into the idler bracket.

c) Swing the shade head up towards the motor head bracket.

d) Compress the idler by pushing shade assembly towards the idler bracket. This will provide the necessary clearance for the motor head to swing into place.

e) Insert head into motor bracket and make sure the power cord is positioned correctly. Manually snap the retaining ring in place if it does not do so automatically.





7) Level the Shade Assembly. Use a bubble level to check your shade installation. A small amount of out of level is typically OK but we prefer perfection. CAUTION: If the shade tube is out of level the material can walk off the tube during rotation and get damaged. As necessary shim or reposition brackets so the shade tube is level.

Double check the mounting bracket screws to ensure all are in place and properly tightened.

8) Test Operation. CAREFULLY operate the shade to ensure satisfaction in mounting and no material walk-off. If your shade is motorized it will need to be programmed using the appropriate instructions. During the first operation we recommend unrolling the shade all the way down even if this is past the lower limit to ensure the material is properly seated. Caution: The shade material is affixed to the tube using double sided tape. Do not unroll the shade to the point where it is stressing the tape.

Troubleshooting

Shade Material Walk-Off
If your shade walks off to one side and you are having difficulty repositioning brackets you can use the following procedure to fix walk-off.

a) Note the direction of the shade material walk off. (Left or Right)

b) Roll the shade all of the way down.
c) Take a piece of paper, a business card is good, and place it in the roll on the end opposite the direction of the shade material walk off.
- If the shade walks off to the right put the paper on the left.
- If the shade walks off to the left put the paper on the right.

d) If the paper test fixes the problem replace the piece of paper with masking tape. 1 or two strips of masking tape may be required to emulate the paper thickness used for testing. When placing the tape in the roll be sure to place it far enough up the roll so it is not visible. If the assembly is motorized, the programmed limits may prevent full travel of the shade and you may need to reprogram the limits to allow for full travel.

Additional instructions for adjusting your "Spring Roller" Shades

Q: My spring roller shades will not stop at the same levels or at the bottom of my window. How do I fix this?
A: Remove the shade from its mounting location. Using a pair of pliers pull out the spring loaded end of the shade. You will see that the spring mechanism has several vanes and the tube has ribs. Slightly rotate the mechanism so that the next set of vanes sit in the roll tube ribs and retest you shade. See our Spring Roller Adjustment Picture to see the vanes and the ribs.

Q: How do Increase or Decrease the Spring Action?
A: Our roller springs are of a special construction so that you will not notice an excessive "tightening effect" when the shades are pulled down.
To increase the spring action, with the shade in the brackets, pull it down approximately 1 foot. Remove it from the brackets and roll it up by hand, and then try it. Pulling the shade down tightens the spring. If the spring action is too pronounced, do the opposite. You must to be careful not to over-tighten the spring. If the spring is completely unwound, 12 clockwise revolutions is the normal pre-tensioning requirement.

We also have a fairly extensive Frequently Asked Questions and Installation section on our website that may be helpful. http://www.av-outlet.com/en-us/dept_446.html

Please fell free to contact us if you require further assistance.
www.AV-Outlet.com 1-877-271-5398 or email service@av-outlet.com