



## Recessed Track with Rounded Hood Installation Manual





The installation of the Mystic Screens Motorized Screen System is based on the measurements taken at the beginning of the project. For the seasoned installer the installation can be completed in 45 minutes.

The Screen is a series of 90 degree angles. The more level, flush, and plumb that you can install the side rails and hood, the easier the installation.

## Recommended Tool List



- Drill



- 1/8" drill bit, 1/4" drill bit, 1/2" drill bit, 5/8" drill bit



- 1/4" hex driver, 5/16 hex driver



- Level (suggested length: 4ft)



- Tape measure



- Small screwdriver or paperclip



- Spline Wheel Roller



- Razor Knife



- Recommended fasteners:  
3/16" x 2 1/2" concrete screws (for concrete), wood lag (for wood studs)



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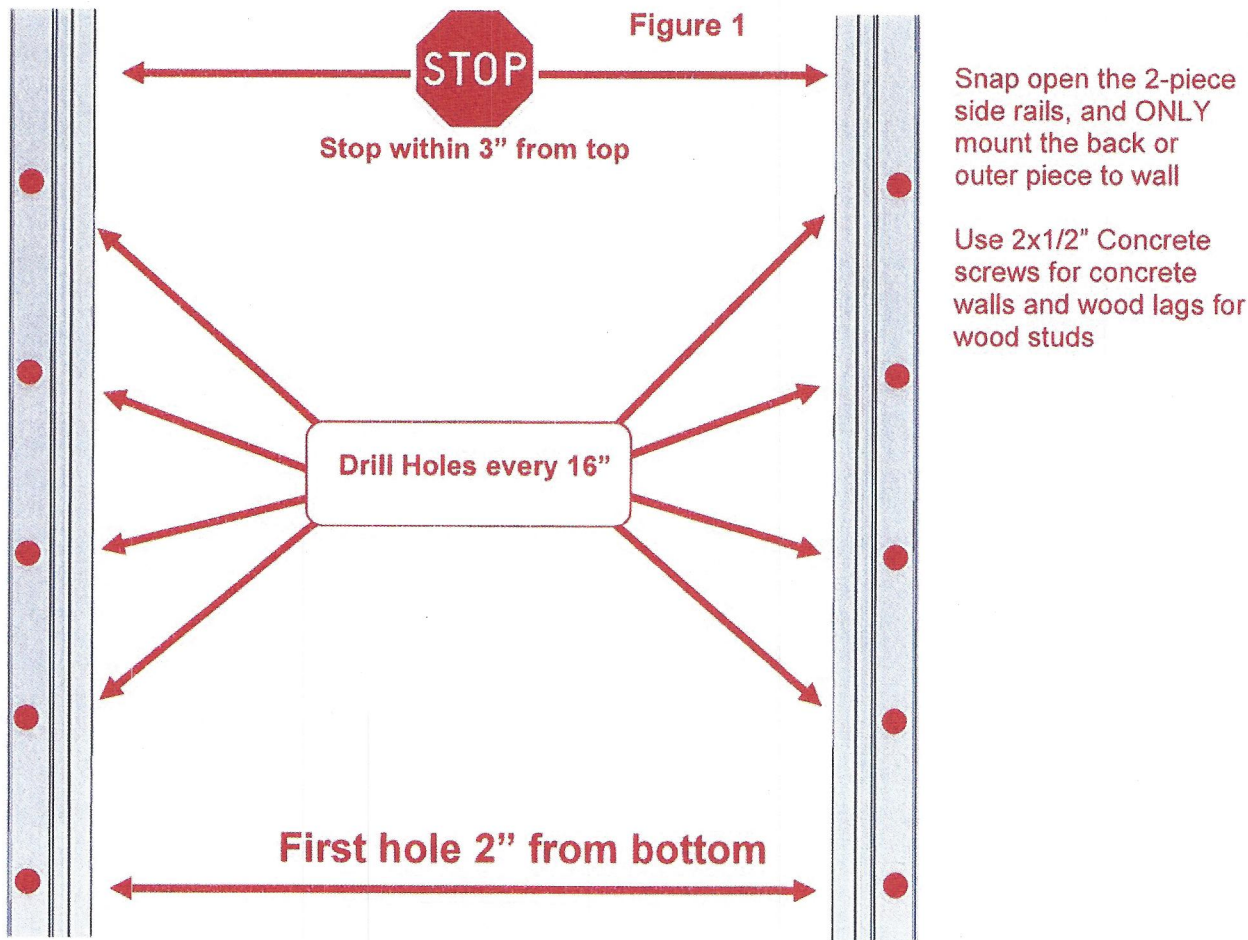
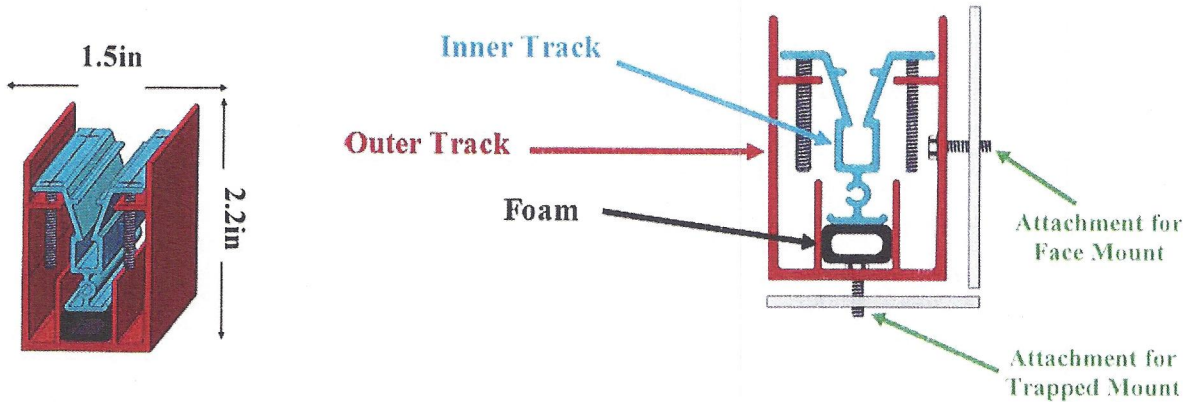
# Surface Installation Manual

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# Motorized Screen System Installation

## Drilling Side Rails

1. Separate inner section from outer section. **Holes drilled through back section ONLY.**
2. Prior to drilling, make sure side rails are in correct orientation. **For hole locations, see figure 1.** Starting at 2" from the bottom and using a 5/8" + 1/4" step bit, drill every 16", stopping within 3" from the top.

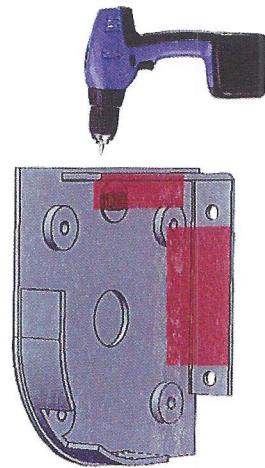


3. Clean and de-burr side rails so that rails sit flat against substrate during installation



- Determine where hole for power cord is to be run (recommended area is shaded in red). Using 1/2" drill bit, drill through side cap and hood.

Insert rubber grommet into drilled hole for finished look (needs to be bought separately).



- Measure **width** of the opening. Next, measure finished screen system width and subtract the two numbers and divide by two. Mark from edge of opening the distance of the calculated number (1). With a level make a level line on that distance.

**Example:**

104 1/2"	Total finished screen system width
- 100"	Opening width.
4 1/2"	(difference) / 2 (sides) = 2 1/4" on each side

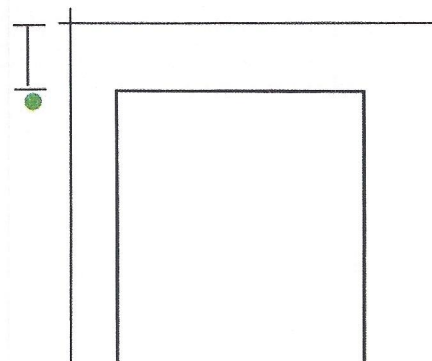
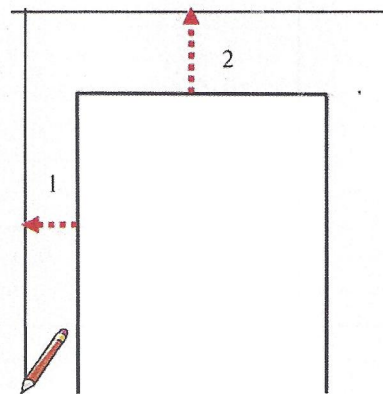
Measure opening **height** and subtract that measurement from the system's total height. Mark from top of opening the distance of the subtraction. Make a leveled line across top of opening (2).

**Example:**

105.5"	Total finished screen system width
- 100.0"	Opening width.
5.5"	Difference

- Along this left side line measure from top horizontal line down the height of your hood assembly (5 1/2" for standard T&C Screen installations). Mark this point (•). This will be the top of the left side rail.

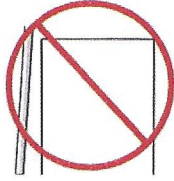
**IMPORTANT:** Prior to attaching side rails, ensure that they are oriented correctly. For correct orientation, see "Side Rail Orientation" on page 3.



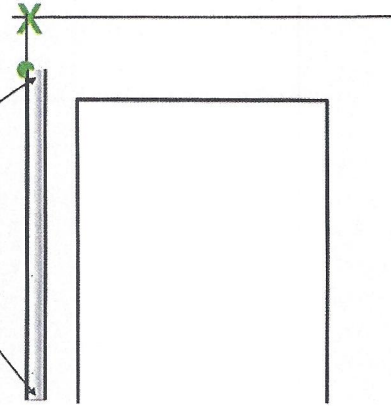
Unsnap inner section of side rail from back section, placing inner section aside to be reattached later.

7. Install back section left side rail using marked point as top of side rail and plumb line as outside guide. ONLY FASTEN TOP AND BOTTOM ANCHORS.\*

**IMPORTANT:** Side rail MUST BE installed plumb and flush for proper operation of T&C Screen Curtain.

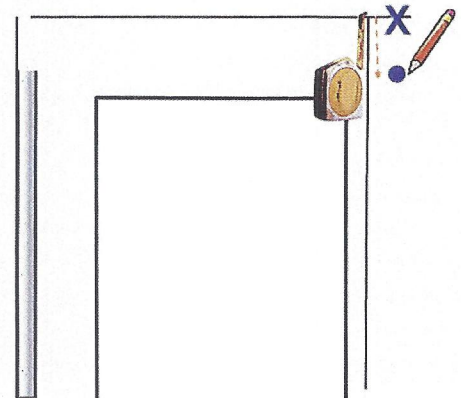


Fasten top and bottom anchors



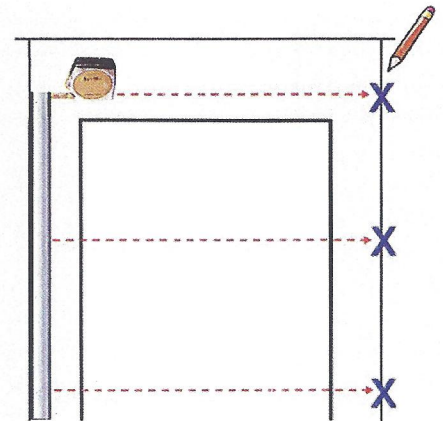
8. Starting from the top horizontal line, measure down 5 1/2 " along the right side vertical line.

Mark this point (\*). This will be the top of the right side rail.



9. Measure the length of the finished width from the outside of the attached left side rail at the top, the middle, and the bottom of the side rail; mark each point (X).

Draw a vertical, plumb line through each of these marks.

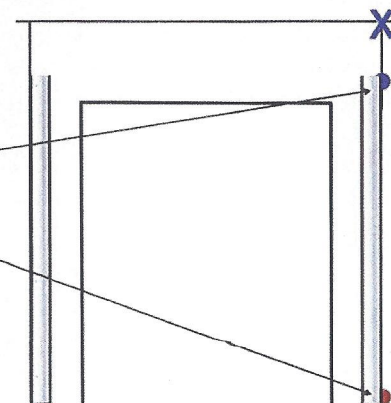


10. Upon arrival at job site unsnap the side rail and install back section of the right side rail using the marked points for top and outside measurements. ONLY FASTEN TOP AND BOTTOM ANCHORS.\*

Place front section aside to be reattached at step 15.



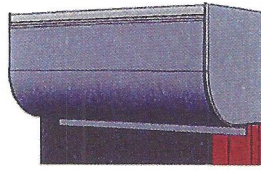
Fasten top and bottom anchors ONLY



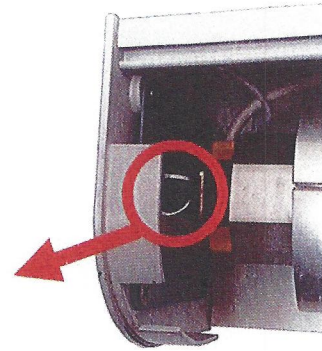


11.

11a. Remove front of hood assembly .



11b. Remove retaining pin from motor tube.

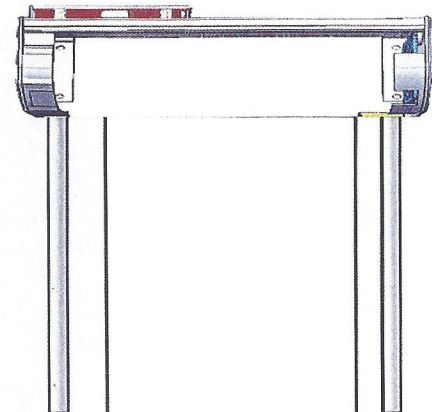
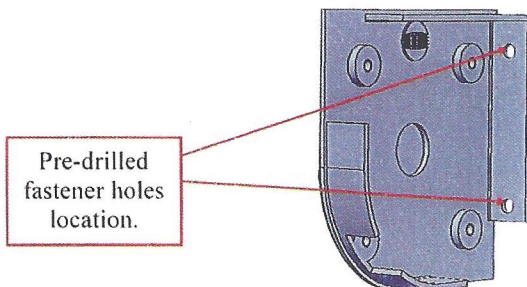


**NOTE:**

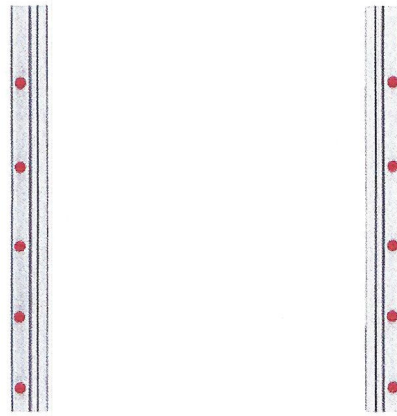
- For motorized installations with Smart Series, Harmony and Hybrid Series motors without override, motor tube assembly should be removed prior to installing hood.
- If unit has manual override, universal will have to be unbolted before front of hood is removed.
- After installation is completed, re-install universal.

12. Hold hood assembly in place using side rails to brace it. \* Before fastening hood assembly, check that it is level, and that the outside of the side caps are perfectly aligned with the outside of the side rails. Once level and aligned, anchor top screw ONLY of left and right side cap using pre-drilled holes in side caps.

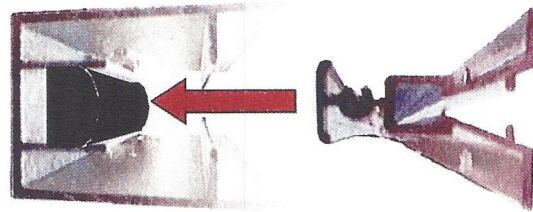
\*Hood assembly must be held until fasteners are secured. Side rails alone will not support weight of hood.



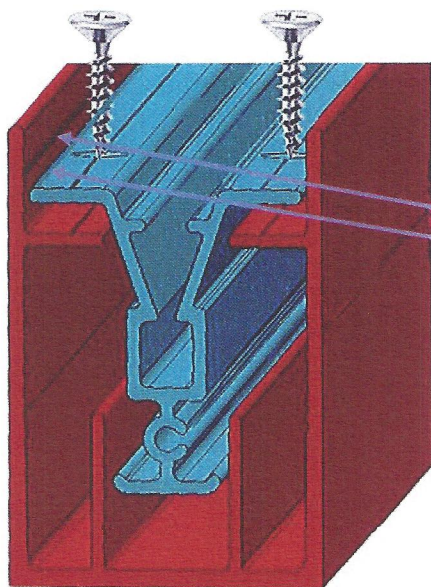
13. Attach remaining anchors in the pre-drilled holes.



14. Re-attach inner section of side rail into outer rail.



15. Install # 6x1" flat head sheet metal screws.

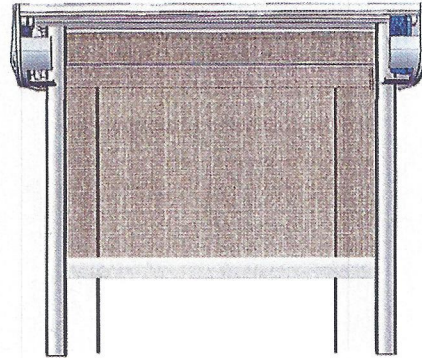


Note: Align inner rail to outer rail alignment marks.

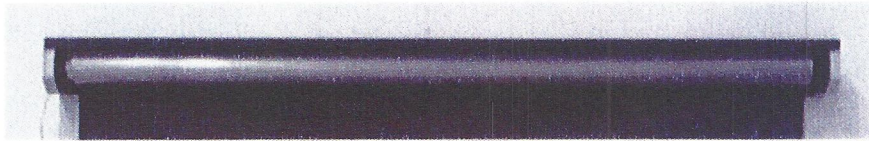


16. Feed screen into track by hand. Carefully roll screen over motor tube and guide zipper into the entry guide.

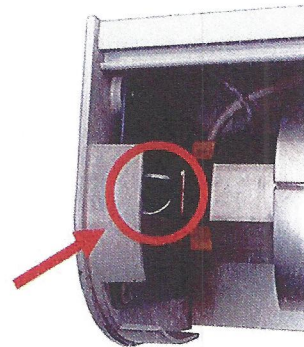
Be sure to feed zipper into entry guides evenly to avoid ridding fabric or damaging zipper teeth.



For motorized installations with Smart Series, Harmony and Hybrid Series motors (no manual override), motor tube assembly and motor retaining pin should now be reinstalled



Attach motor tube to mounting plates



## 17. Synchronizing remote control to motor

- A. Turn the motor power off.
  - B. Push & hold the **UP** button on remote, wait until light or number on remote stays solid.
  - C. While holding **UP** button, turn power to the motor on.
  - D. Motor will jog, release the **UP** button.
  - E. Push the **UP** button, the motor will jog.
- \* If needed, please see motor programming instructions.

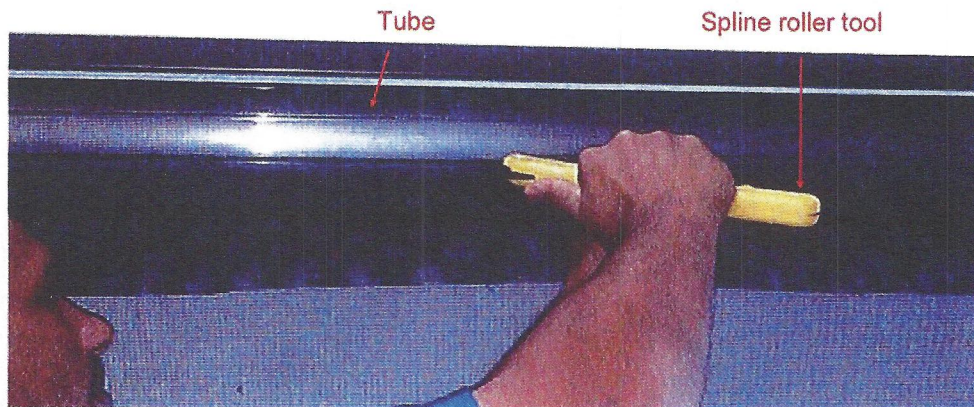
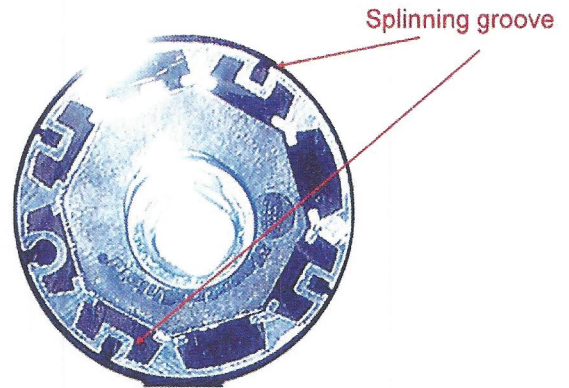
18.

18a. Adjust motor tube so that the spline groove is facing you or out.

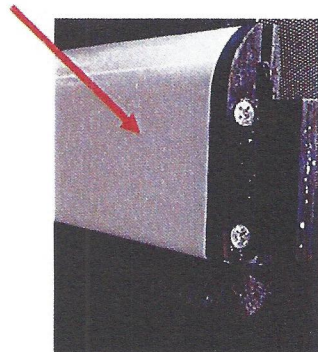
18b. Hold screen squarely on motor tube and align zippers to side rail channels ensuring that bottom bar remains level.  
Spline screen to motor tube using spline roller wheel.

18c. Bottom bar **should be level** before beginning to spline the screen to the tube.

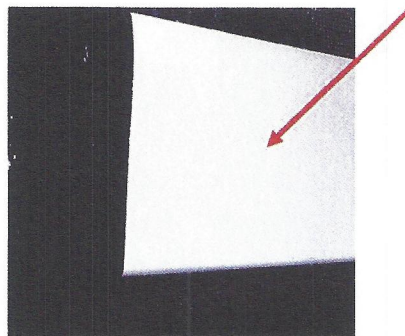
Spline screen onto tube starting in the middle, and work outwards, bit by bit.



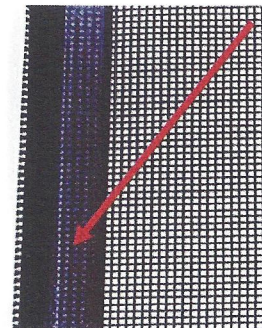
**Front of bottom bar  
(front of bar is rounded)**



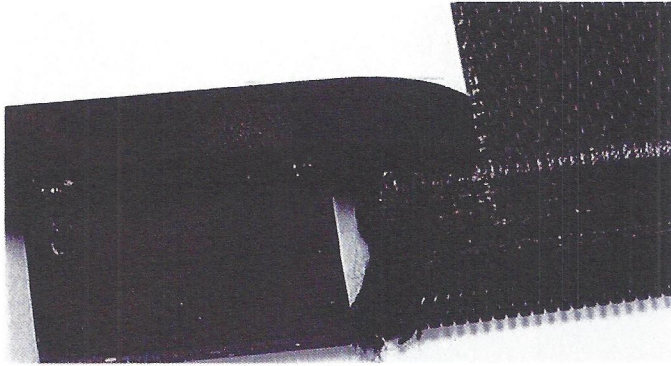
**Back of bottom bar  
(back of bar is flat)**



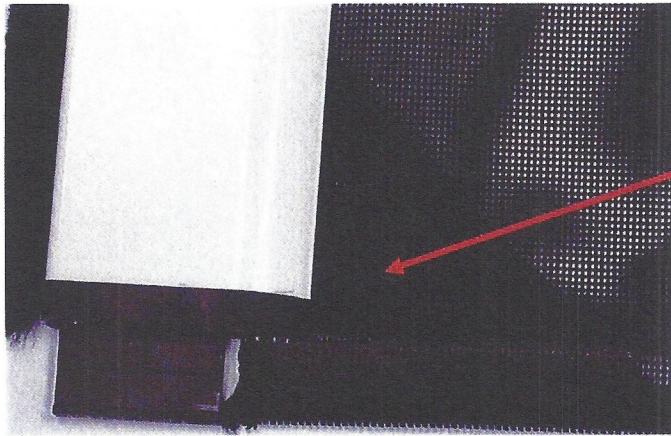
**Welding always faces  
front of the bottom bar**





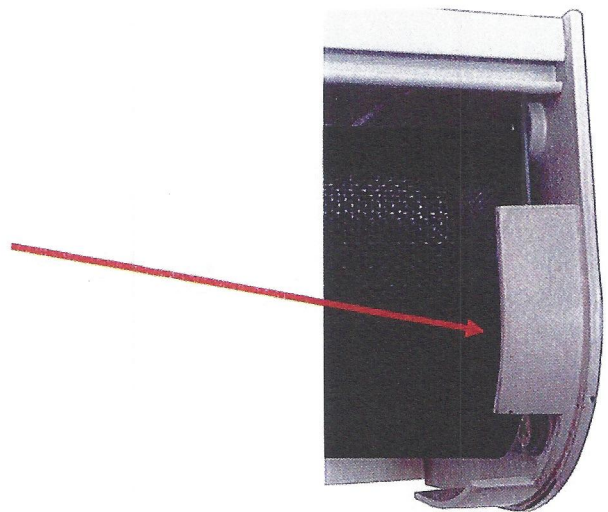


When installing screen onto bottom bar, ensure that the zipper loops are facing the front of the bottom bar.



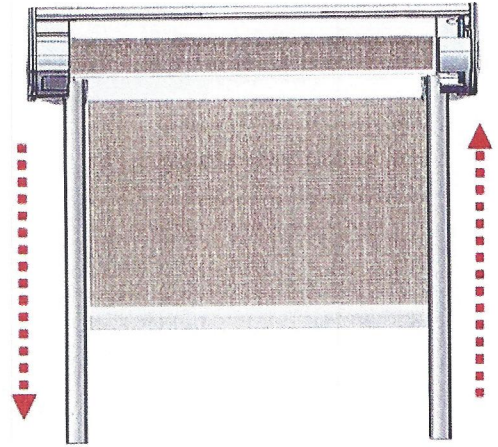
Screen re-enforced corner is to face the back of the bottom bar.

When rolled on tube, the zipper should be facing inwards



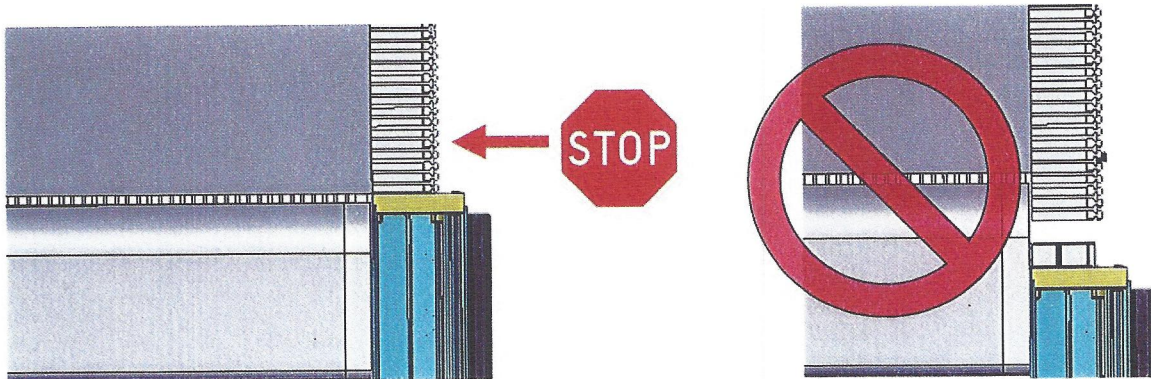
19. Test roll-up and roll-down functionality of Elements Motorized Screen System to ensure that screen is operating smoothly without being obstructed in any way.

If screen is not operating smoothly, remove front section of side rail, adjust side rail position as necessary (attaching only top and bottom anchors), reattach front section of side rail, and retest.



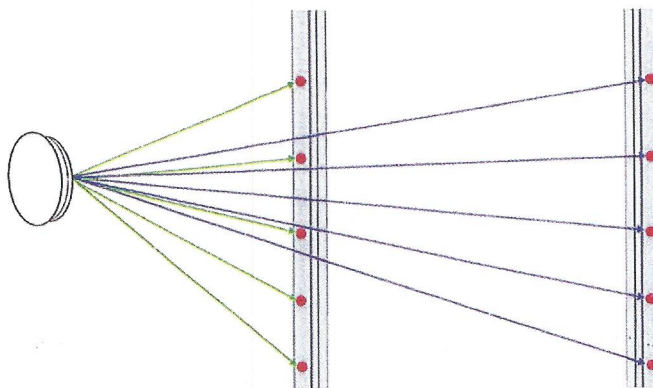
20. Make sure to stop the bottom bar approximately two inches from plastic guide (see step 15, page 7).

**IMPORTANT:** When testing screen functionality (step #19), do not let TOP of Bottom Bar End Retention raise past BOTTOM of Plastic Guides.





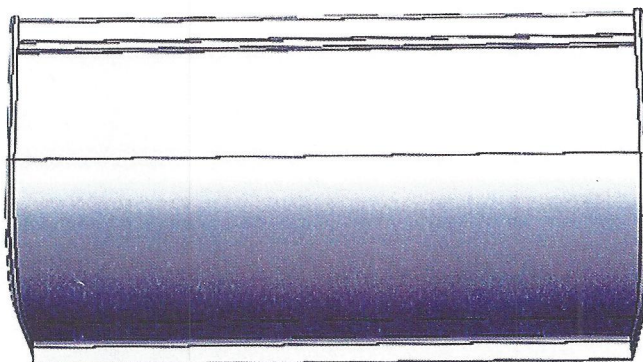
21. On front section of side rail, attach hole caps in the pre-drilled holes, and reattach front section of side rail.\*



22. For Smart Series motors reattach hood front and set upper and lower limits.

**IMPORTANT:** When setting upper limit, leave bottom bar OUT of the entry guide, stop atop of track.

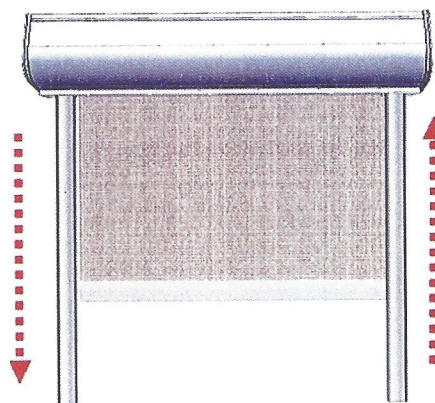
For instructions on setting limits see Motor Installation Instructions



23. For Harmony/hardwired, Hybrid and Prodigy/ w/override Series motors (with mechanical limit switches), set upper and lower limits and then reattach hood front.

**IMPORTANT:** When setting upper limit, leave bottom bar OUT of the entry guide. Stop at top of the track.

Test functionality and make adjustments as necessary.





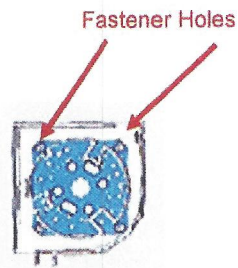
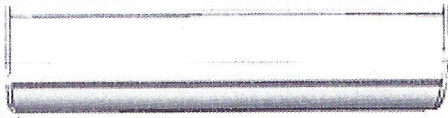
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# Recessed Installation Manual

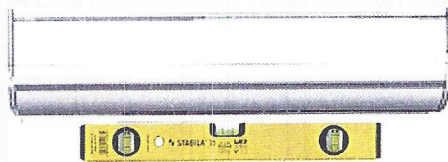
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1. Install hood assembly into top of opening in desired position

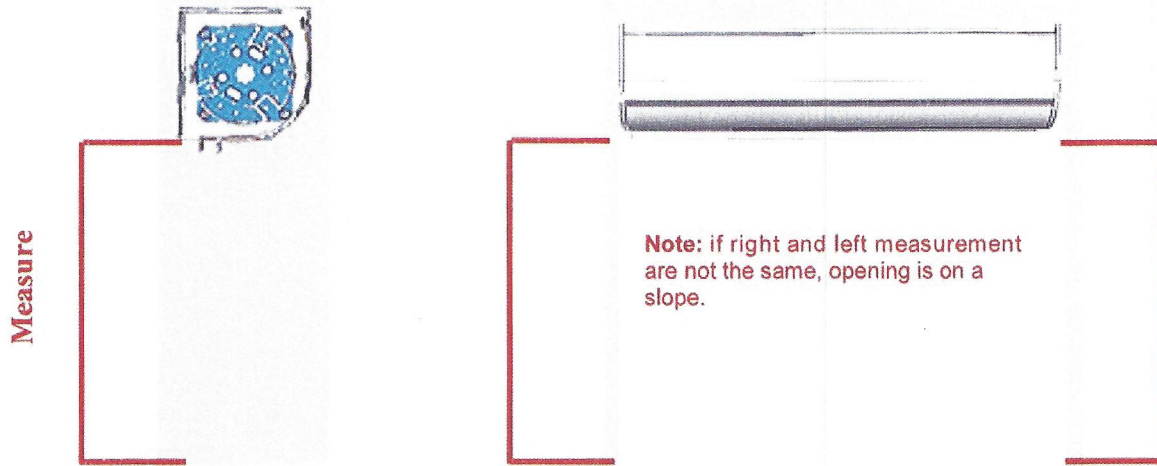


2. Using a level, level hood assembly from the bottom of hood.

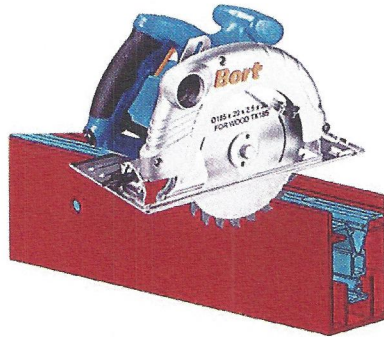


Note: adjust fastener and install shims if needed until hood is leveled.

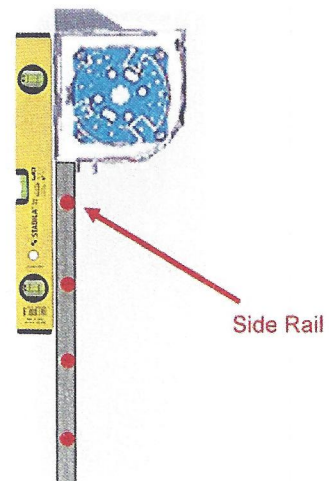
3. Measure from the bottom of the hood to the floor on the left and right of hood.



4. Using the measurements taken on step 3, cut outer side rails.

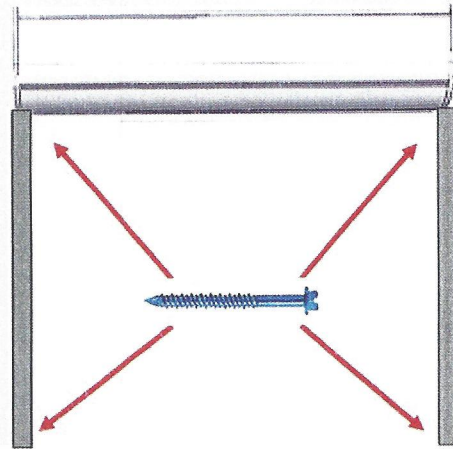
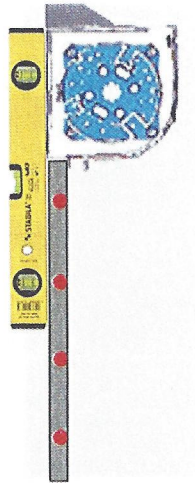


5. Using the back of the hood as a straight edge, align the side rail to the hood.

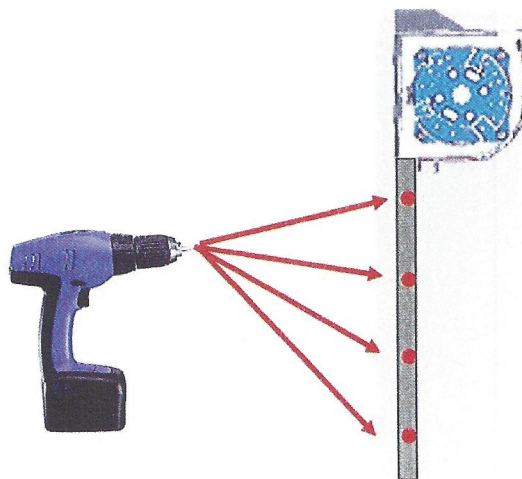
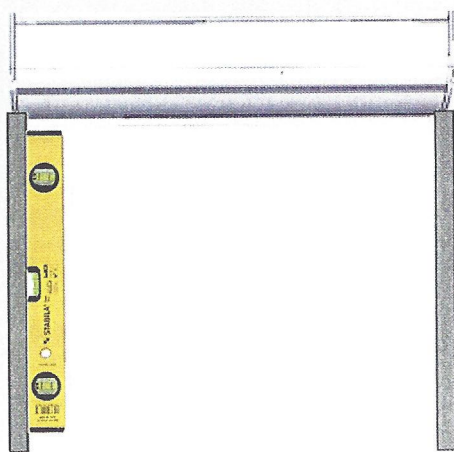




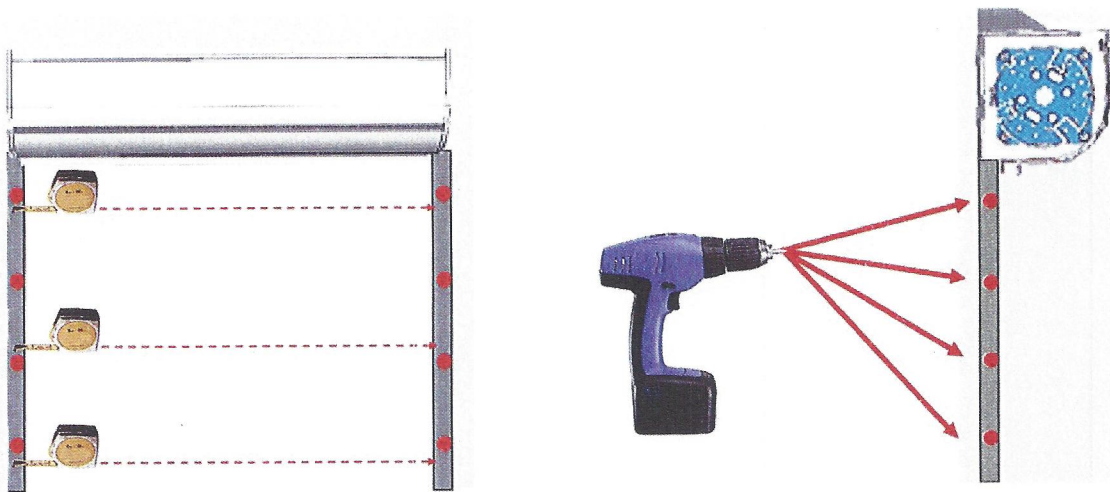
6. Install top and bottom fasteners on left and right rails.



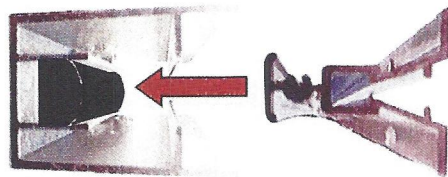
7. Using a level, adjust side rail until leveled. Then, insert remaining fasteners into left rail.



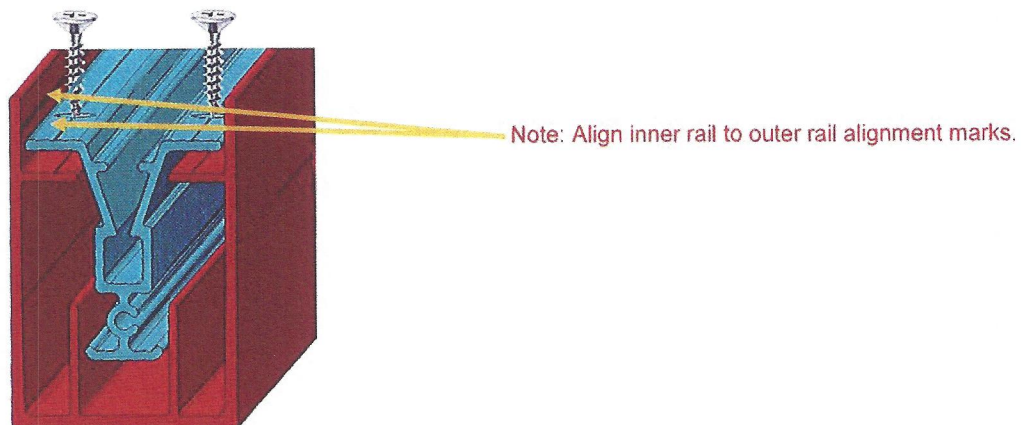
8. Measure the length of the finished width from the outside of the left side rail at the top, the middle and the bottom of side rail and adjust rail and then insert remaining fasteners into right rail.



9. attach inner section of side rail into outer rail.



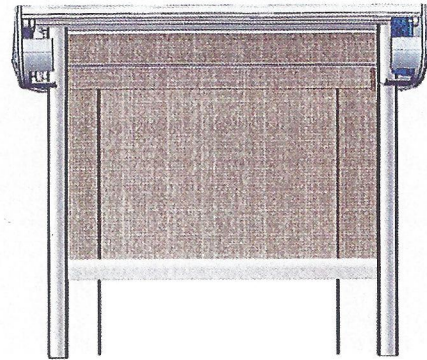
10. Install # 6x1" flat head sheet metal screws.



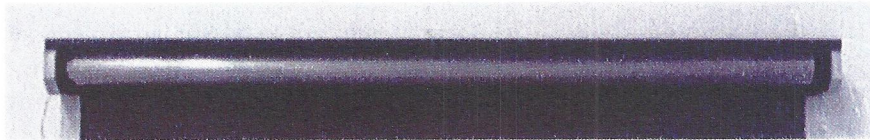


11. Feed screen into track by hand. Carefully roll screen over motor tube and guide zipper into the entry guide.

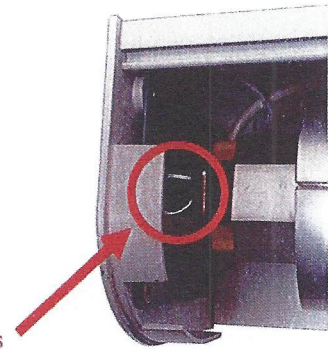
Be sure to feed zipper into entry guides evenly to avoid ridding fabric or damaging zipper teeth.



For motorized installations with Smart Series, Harmony and Hybrid Series motors (no manual override), motor tube assembly and motor retaining pin should now be reinstalled



Attach motor tube to mounting plates



## 12. Synchronizing remote control to motor

- A. Turn the motor power off.
- B. Push & hold the **UP** button on remote, wait until light or number on remote stays solid.
- C. While holding **UP** button, turn power to the motor on.
- D. Motor will jog, release the **UP** button.
- E. Push the **UP** button, the motor will jog.

\* If needed, please see motor programming instructions.

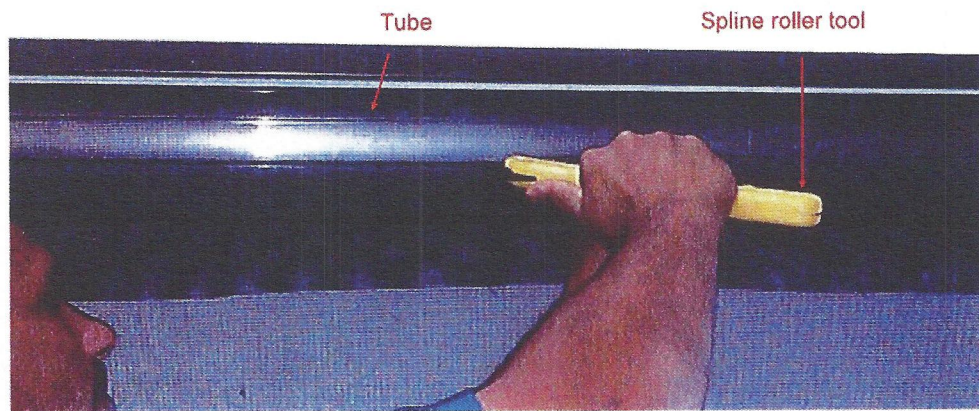
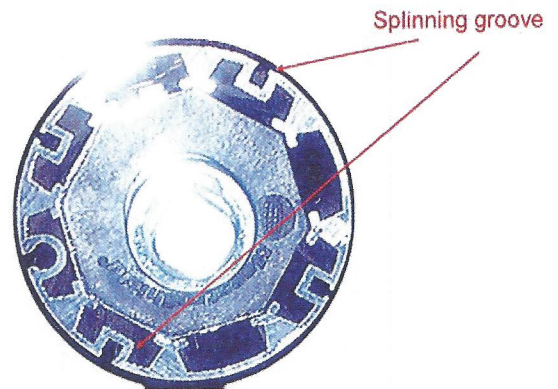
13.

13a. Adjust motor tube so that the spline groove is facing you or out.

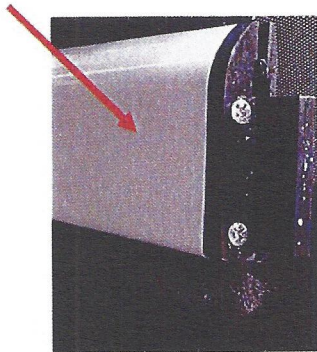
13b. Hold screen squarely on motor tube and align zippers to side rail channels ensuring that bottom bar remains level. Spline screen to motor tube using spline roller wheel.

13c. Bottom bar **should be level** before beginning to spline the screen to the tube.

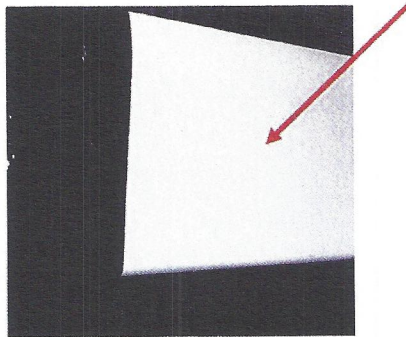
Spline screen onto tube starting in the middle, and work outwards, bit by bit.



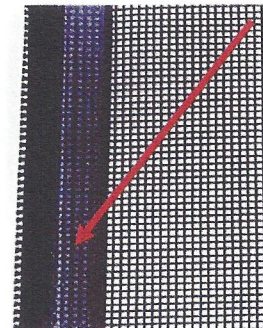
Front of bottom bar  
(front of bar is rounded)



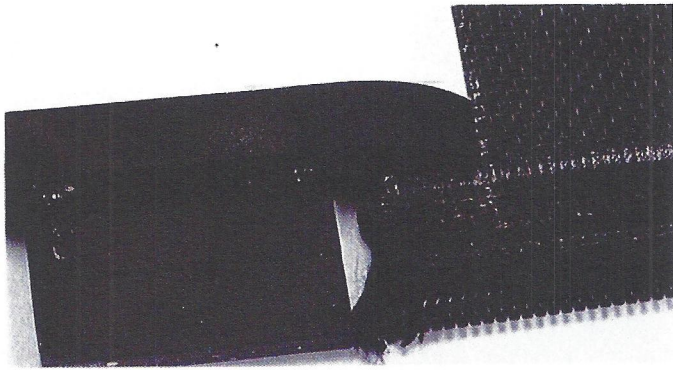
Back of bottom bar  
(back of bar is flat)



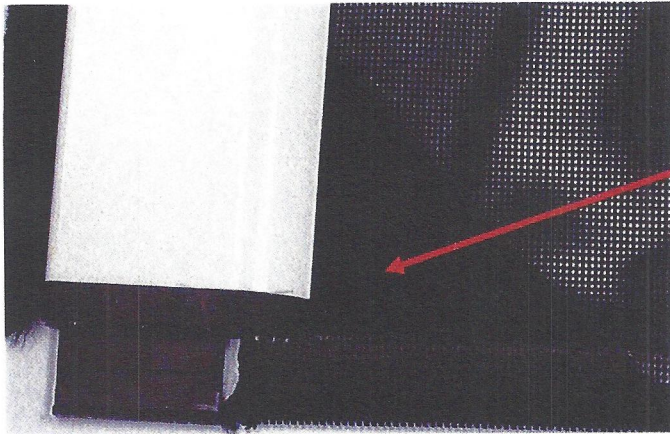
Welding always faces front of  
the bottom bar





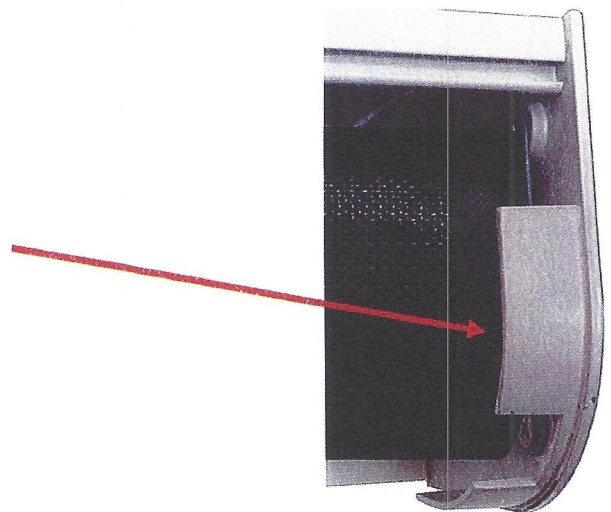


When installing screen onto bottom bar, ensure that the zipper loops are facing the front of the bottom bar.



Screen re-enforced corner is to face the back of the bottom bar.

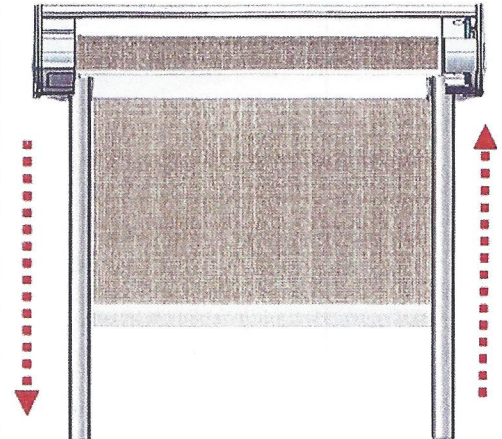
When rolled on tube, the zipper should be facing inwards





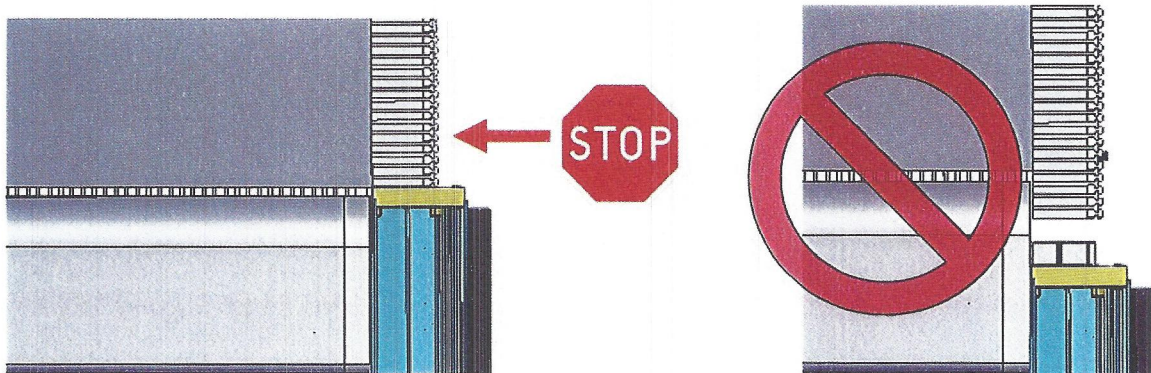
14. Test roll-up and roll-down functionality of Elements Motorized Screen System to ensure that screen is operating smoothly without being obstructed in any way.

If screen is not operating smoothly, adjust side rail position as necessary.



15. Make sure to stop the bottom bar approximately two inches from plastic guide (see step 15, figure #1, page 7).

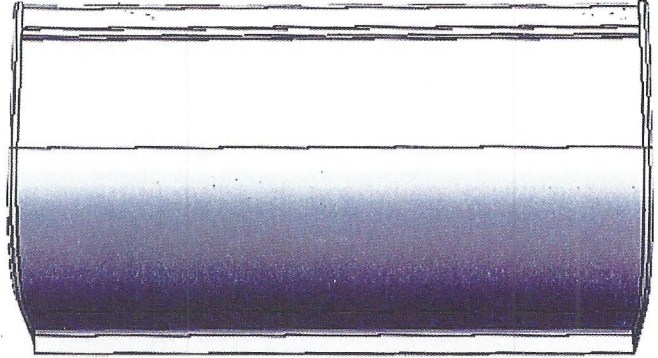
**IMPORTANT:** When testing screen functionality (step #19), do not let TOP of Bottom Bar End Retention raise past BOTTOM of Plastic Guides.



16. For Smart Series motors reattach hood front and set upper and lower limits.

**IMPORTANT:** When setting upper limit, leave bottom bar OUT of the entry guide, stop atop of track.

For instructions on setting limits see Motor Installation Instructions



17. For Harmony/hardwired, Hybrid and Prodigy/ w/override Series motors (with mechanical limit switches), set upper and lower limits and then reattach hood front.

**IMPORTANT:** When setting upper limit, leave bottom bar OUT of the entry guide. Stop at top of the track.

Test functionality and make adjustments as necessary.

