



In-Tube Motorized
SCREEN-PRO™
All Season Roll-Up Doors

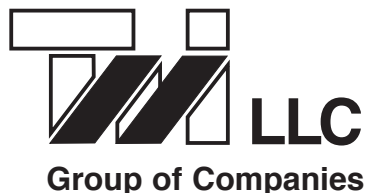
**IN-JAMB MOUNTING METHOD
INSTALLATION INSTRUCTIONS**



READ THIS FIRST

Carefully examine the crate(s) for damage before opening. If the carton is damaged, immediately notify shipping company. Open the carton(s) and remove all protective packaging. Retain the shipping carton(s) until the unit(s) is installed and properly operating. TMI, LLC. is not responsible for delayed or late claims.

Serial No: _____ Model #: _____ Date Purchased: _____



Warning

To Reduce the Risk of Fire, Electrical Shock, or Injury, Observe the Following:

- Use this unit only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
- Installation work must be done by a qualified person(s) in accordance with all applicable codes and standards.
- When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
- All electrical work should be performed in accordance with local and state building codes. If you are in doubt of proper wiring installation, we recommend acquiring the services of a certified electrician.

Read and Save These Instructions

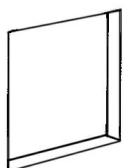
Please read the “READ THIS FIRST” note on the front cover of this manual before proceeding.

IMPORTANT NOTE

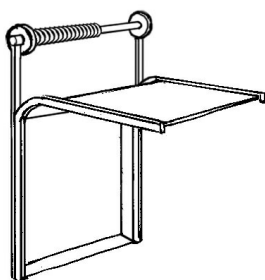
If the Screen-Pro was ordered with optional electrical components and accessories (door switch, control panels, mounting brackets, etc), the accessories may be found in an additional box. Check all of the boxes before disposing

TYPES OF DOORS

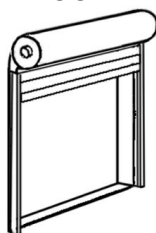
**PLAIN
DOORWAY
OPENING**



**OVERHEAD
DOOR**



**ROLL-UP
DOOR**

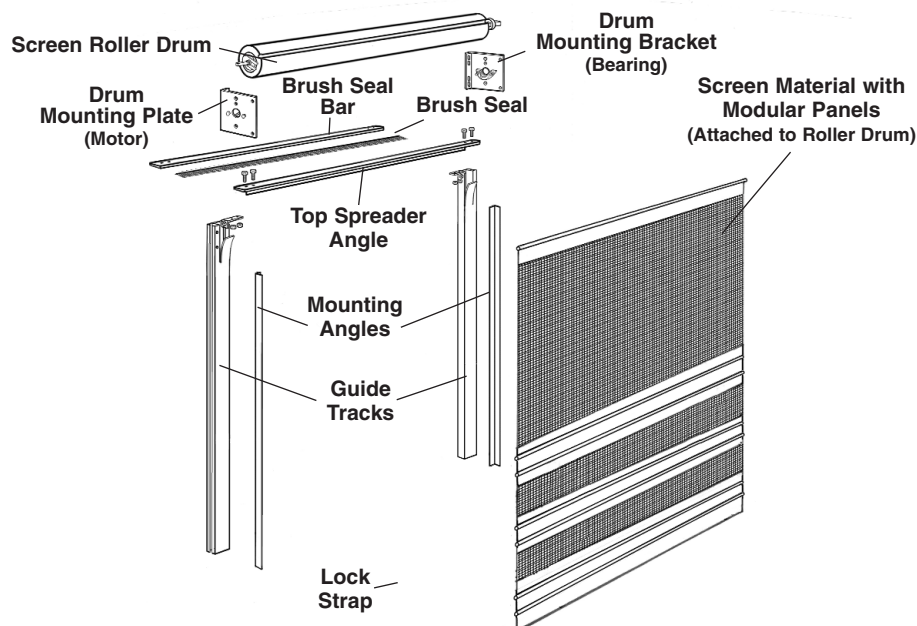


There are a variety of doors used at both industrial and commercial facilities. Each has its specific opening/closing mechanism. This Screen-Pro unit has been shipped with hardware to accommodate an In-Jamb Mounting Method. It should be mounted inside a plain doorway opening using the door jambs to attach the Guide Tracks.

—IMPORTANT—

This Screen-Pro model has been designed to fit inside a doorway opening that has an 8" jamb width or larger.

SCREEN-PRO COMPONENTS



REQUIRED TOOLS

It is recommended that two people install the door together.

The following tools will be needed for installation:

- Carpenter's Level (Min. 4' Length)
- Carpenter's Square
- Hammer Drill
- Masonry Drill Bit (For 3/8" Diameter Anchors)
- 3/8" Diameter and Various Wall Anchors
- Assorted Shim Stock
- Socket and Wrench Set
- Hand Tools
- Four Bar Clamps (36" Long)
- Two Ladders
- Forklift (Supplied by Dealer or Customer)

STEP 1

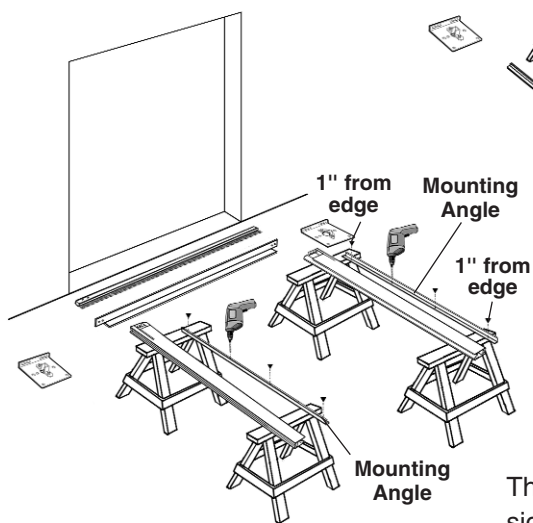
Lay the basic components in front of the doorway opening.

Using work horses will make the assembly process easier although it is not essential. Place the Guide Tracks with the Guide Flare facing up.

STEP 2

Slide the Brush Seal into the edge groove of the Brush Seal Bar.

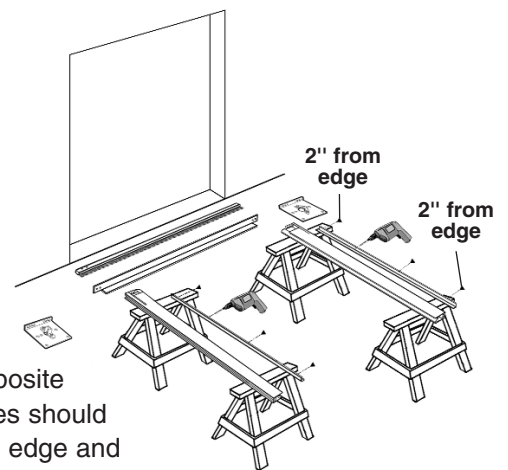
STEP 3



Drill 4 mounting holes on one side of each Mounting Angle. The holes should be placed approximately 1" from each edge and equally spaced between those holes.

NOTE:

There is a left and a right Guide Track.

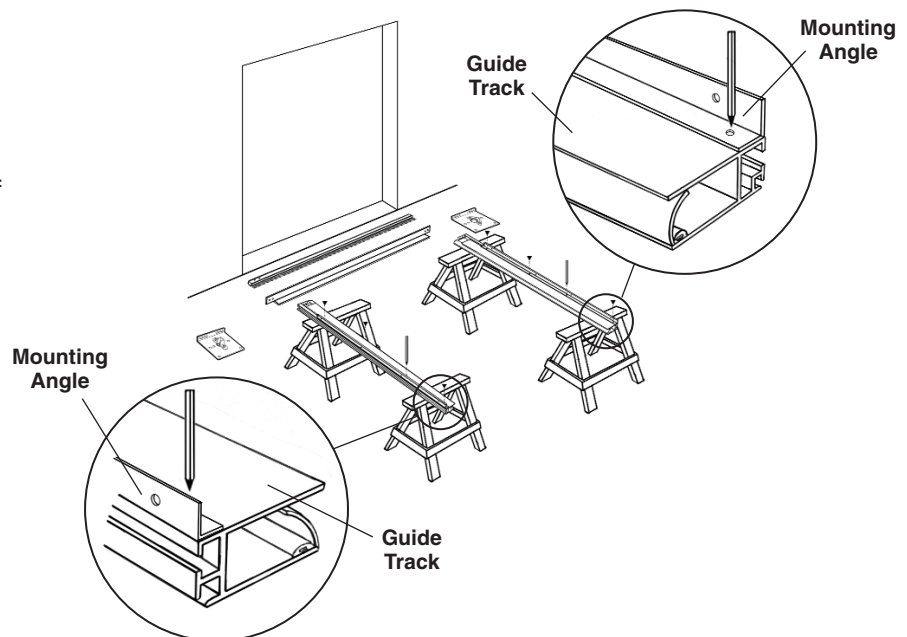


Then drill 4 mounting holes on the opposite side of each Mounting Angle. The holes should be placed approximately 2" from each edge and equally spaced between those holes.

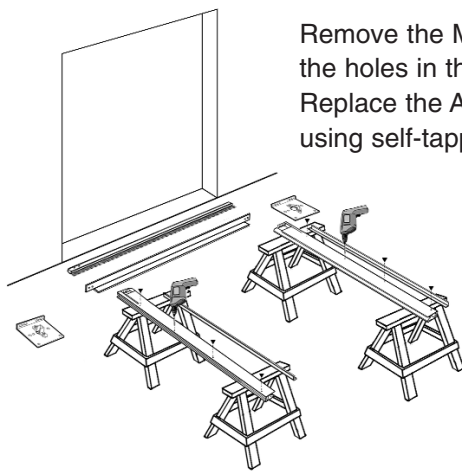
STEP 4

Place each Mounting Angle on the outer edge of each Guide Track. The bottom of the Mounting Angle should be flush with the bottom of the Guide Track (See illustration).

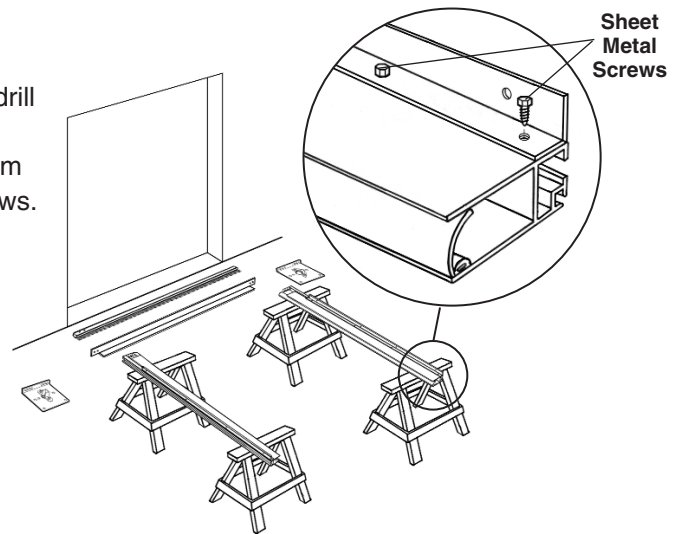
Then mark each hole.



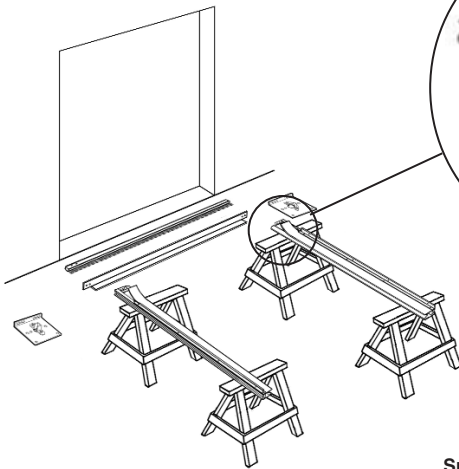
STEP 5



Remove the Mounting Angles and drill the holes in the Guide Tracks. Replace the Angles and secure them using self-tapping sheet metal screws.

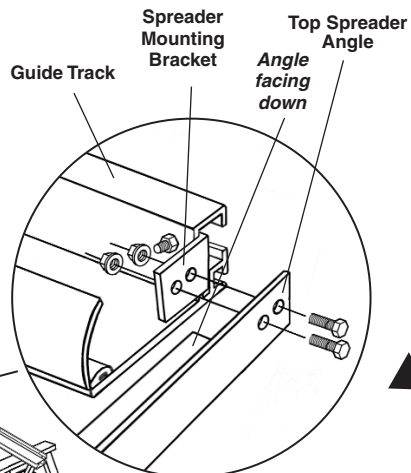
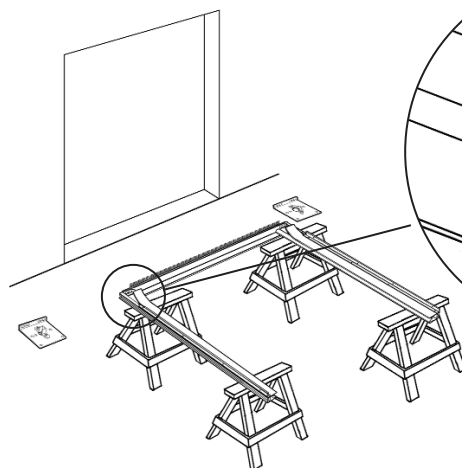


STEP 6

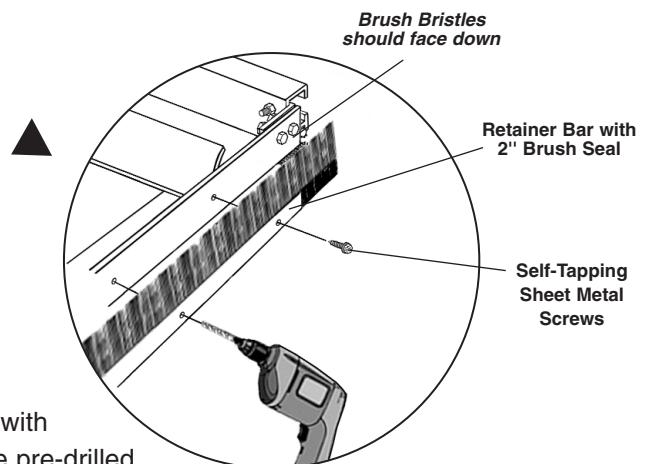


IMPORTANT
The Guide Track Flare Plate ships flat and must be bent out 1 1/2" before any assembling takes place.

STEP 7



Attach the Top Spreader Angle to the top of the Guide Track using the Spreader Mounting Bracket. Make sure the back of the Spreader Angle is facing down and toward the wall. Use 2 bolts and flange nuts on each side to secure all the components..

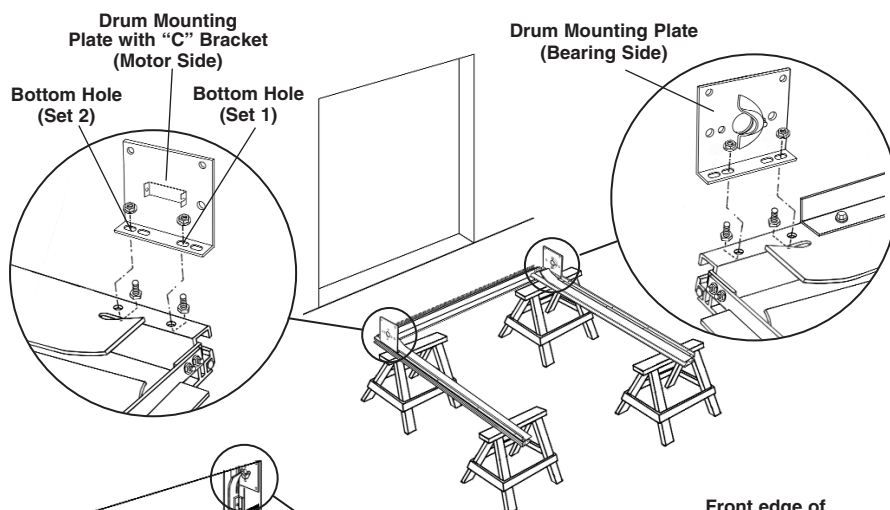


With the brush bristles facing down, center the Retainer Bar with the 2" Brush Seal on top of the Spreader Angle and mark the pre-drilled holes on the Spreader Bracket. Remove the brush and drill the holes. Reposition the Brush and use the supplied Self-Tapping Sheet Metal Screws to attach the Brush Bars to the Spreader Angle.

STEP 8

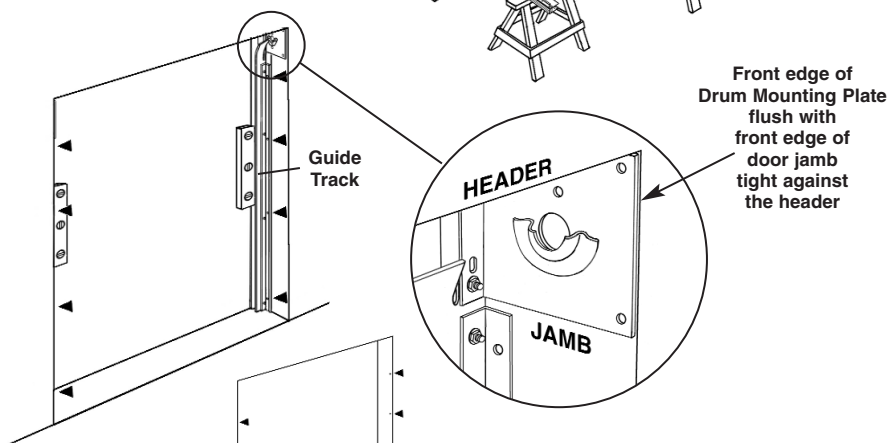
Attach a Drum Mounting Plate to the top of each Track Guide using 5/16" x 1-1/4" bolts with flange nuts. The "C" Bracket (motor side) goes on the left and the round cradle (bearing side) is on the right, unless ordered otherwise.

IMPORTANT: Use the bottom hole of each set of holes.



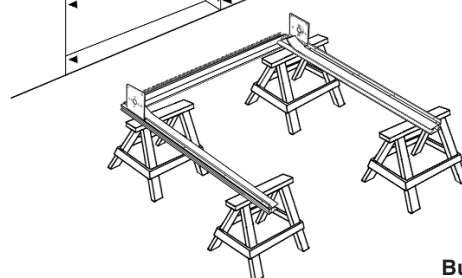
STEP 9

Place the assembly into the doorway opening. The bottom of each Guide Track should be resting on the floor. The front edge of the Drum Mounting Plates should be flush with the front edge of the door jamb tight against the header. Make sure the assembly is plumb. Mark the 4 mounting holes on each of the jamb.



STEP 10

Remove the assembly and drill the holes. If the jamb is wood, a lag screw with washer is all that is needed. If the jamb is concrete or steel & concrete, a wall anchor should be placed in each hole.



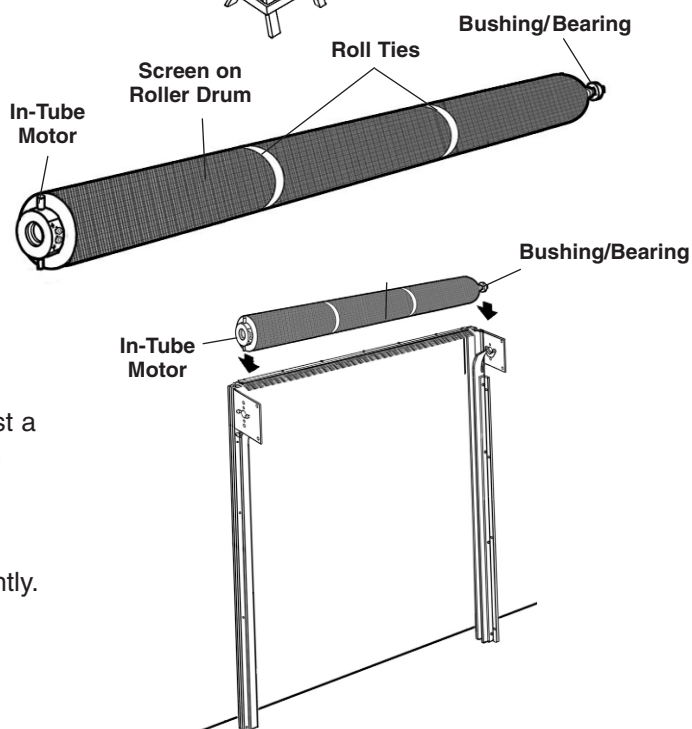
WARNING

DO NOT remove the Roll Ties until the Roll Tube is secured to both Drum Mounting Plates.

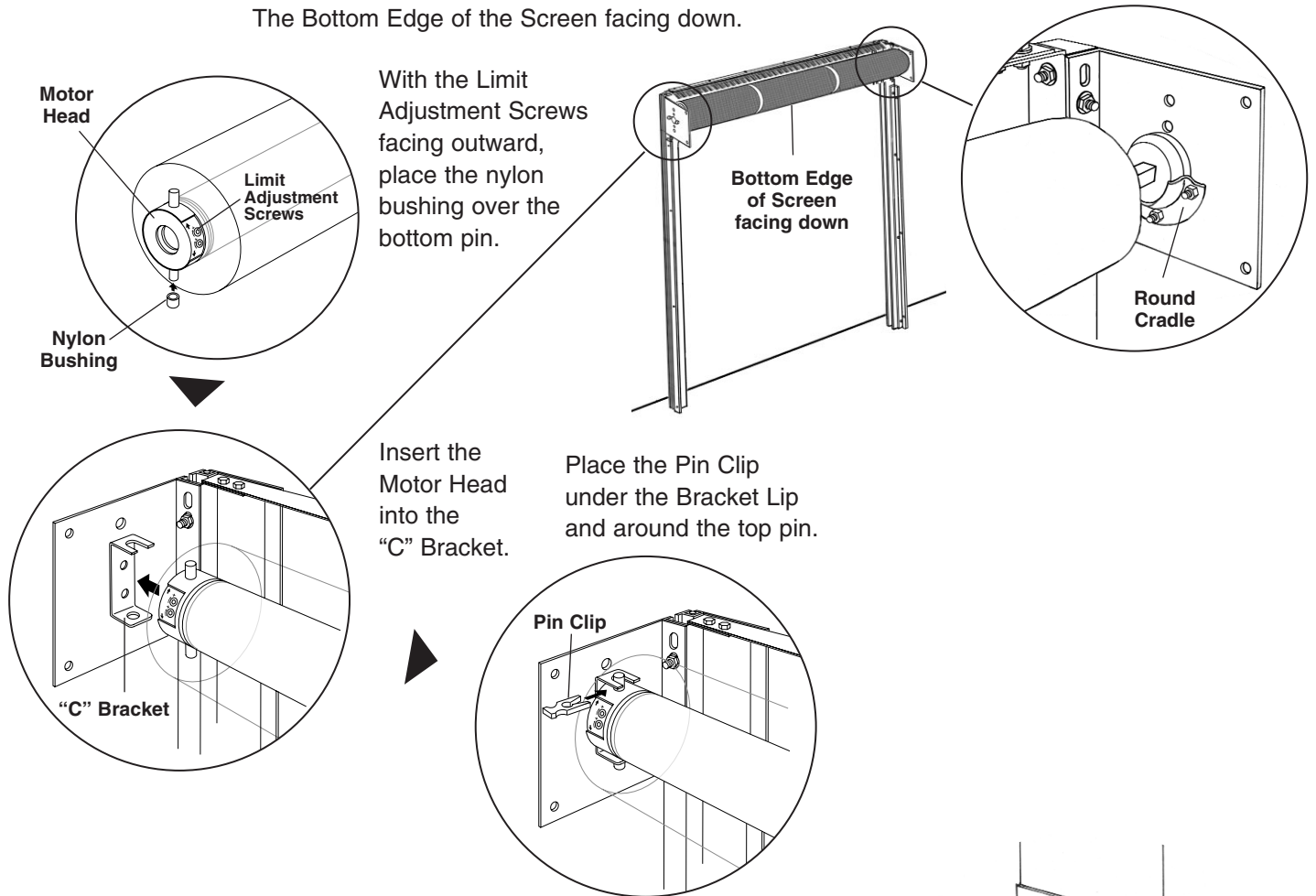
STEP 11

Stand the assembled unit upright and lean it against a wall. Place the Screen Roller Drum into each Drum Mounting Plate.

The In-Tube Motor should be to the left and the Bushing/Bearing to the right unless ordered differently.

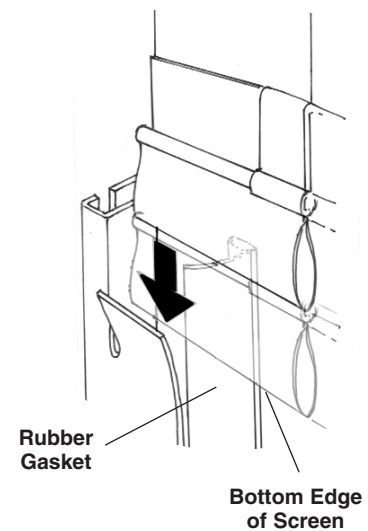


The Bottom Edge of the Screen facing down.



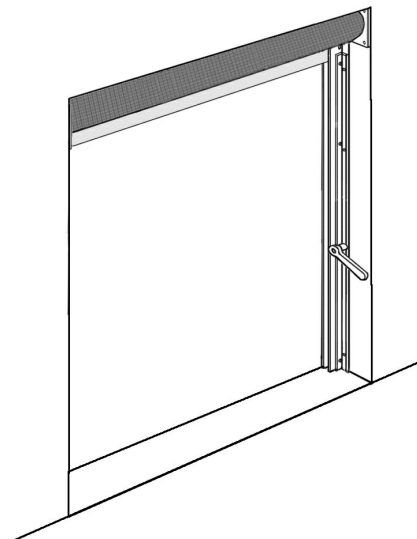
STEP 12

Then carefully cut the Roll Ties without cutting the screen. Slip the bottom edge of the screen into the Guide Tracks. Place the leading edge in front of the Rubber Gasket to create a seal.



STEP 13

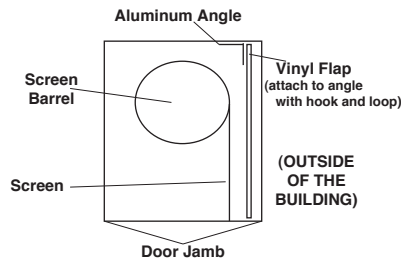
Reposition the assembly in the doorway opening and fasten it securely against the jambs with lag screws and washers.



STEP 14

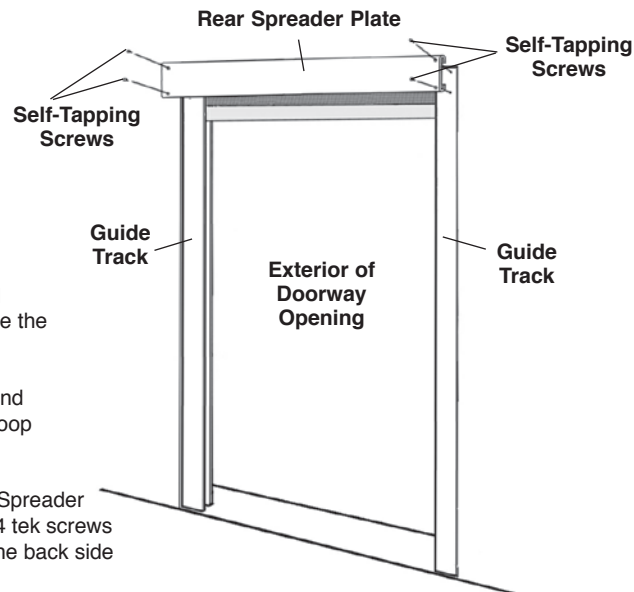
After all adjustments are made the Rear Spreader Plate can be attached. It is fastened to the back (exterior) of the Guide Tracks. Use 4 self-tapping screws.

SIDE VIEW OF SCREEN BARREL & DOOR OPENING

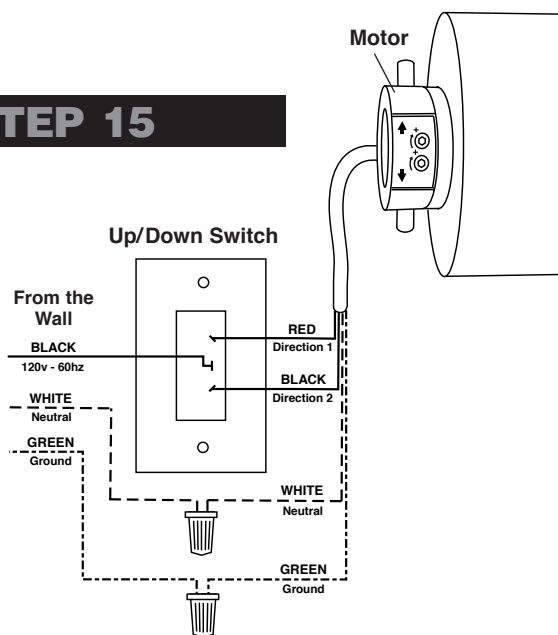


Rear Vinyl Cover

1. Rear Vinyl Cover will attach behind the screen barrel when standing inside the building looking out.
2. Mount aluminum angle to header and then attach vinyl flap using the hook/loop provided.
3. If you ordered the Aluminum Rear Spreader upgrade, then you will only need the 4 tek screws to fasten the Aluminum Spreader to the back side of the guide tracks.



STEP 15



IMPORTANT

All electrical work should be performed in accordance with local and state building codes. If you are in doubt of proper wiring installation, we recommend acquiring the services of a certified electrician.

Next, the motor should be connected to a 120 v, 60 hz power source. The location of the Up/Down Switch is up to the installer but it should be convenient for the operator. Follow the wiring diagram to the right.

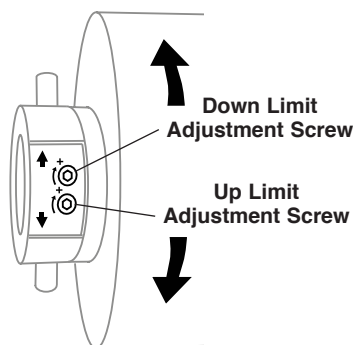
STEP 16

Set the up limit and the down limit. Use the supplied Black Plastic Tool to set the limits.

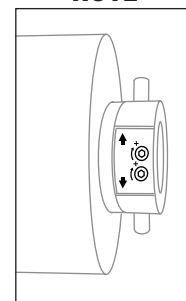
Note: The screw on top sets the "Down/Lower" limit. The switch on the bottom sets the "Up/Top" limit. Material should roll off the back side of barrel towards the outside or exterior of the building.

Important: The large arrows on the far left of the drum by the limit adjustment screws refer to the drum rotation.

- A. It is important to note that the arrows by the limit adjustment screw refer to the drum rotation. The door panel comes off the tube on the back side and the limit adjustment faces the front of the door assembly.
- B. Turning an adjustment screw clockwise will increase the maximum travel in the direction that it controls, and turning it counterclockwise will decrease the maximum travel.
- C. To set a limit, run the motor in the selected direction.



- NOTE -



Some models have the motor on the right but the limit adjustment screw configuration and graphics are the same as the more common left motor positioning.

STEP 16 continued

D. If the motor stops on its own before reaching the desired stop, turn the appropriate limit screw positive (clockwise). Every 3-4 turns of the limit adjustment screw equals approximately 1" of screen travel. After turning the limit adjustment screw, use the control switch to move the motor to the new limit position.

NOTE: If the motor does not stop on its own before reaching the desired limit, go to Step F.

E. When you are approximately at the desired limit position, use the control switch to run the motor away from the limit, 2' to 3' and then back. This will allow you to see precisely where the limits are set. Make small adjustments if required.

F. If the motor does not stop on its own at least 6" before the desired limit position, stop the motor with the control switch. Then turn the adjustment screw counterclockwise (negative) direction. Confirm that the motor is at the limit and set the limit as per Steps D & E. If the motor has not stopped at the limit, continue turning the screw counterclockwise (up to 120 turns may be needed).

NOTE: The motor has a built in thermal cut-off. If after several minutes of use the motor will not run in either direction, allow the motor to cool for approximately 20 minutes before using again.

NOTES

800-888-9750

TMI, LLC • 5350 Campbells Run Road • Pittsburgh, PA 15205-9738 • 412.787.9750
Fax: 412.787.3665 • Web Site: www.tmi-pvc.com • E-Mail: customer-service@tmi-pvc.com