

**SAVE-T®**

**Chain Hoist**

**SCREEN-PRO™**

**All Season Roll-Up Doors**

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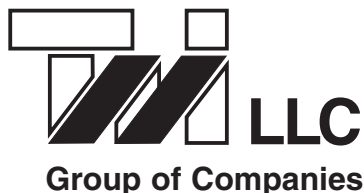
**STAND-OFF MOUNTING METHOD  
INSTALLATION INSTRUCTIONS**



**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**

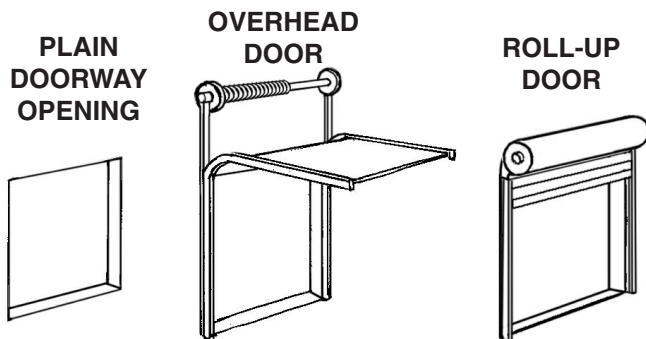
### **To Reduce the Risk of Injury, Observe the Following:**

- 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.

### ***Read and Save These Instructions***

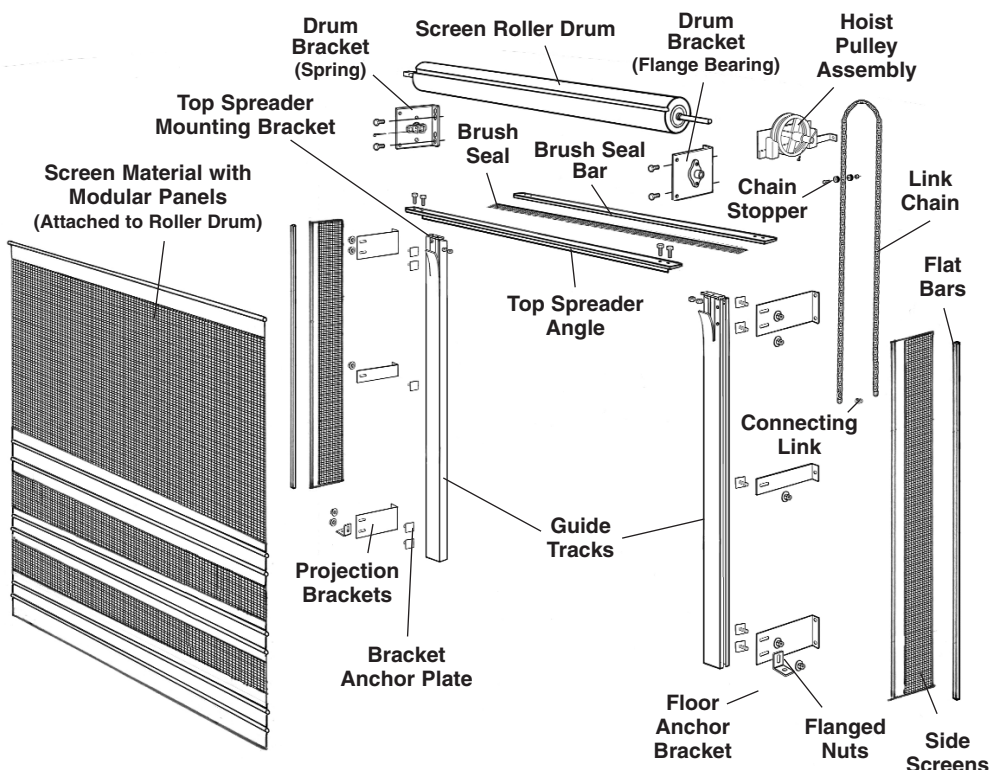
Please read the "READ THIS FIRST" note on the front cover of this manual before proceeding.

## **TYPES OF DOORS**



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 a Stand-Off Mounting Method. It should be mounted in front of any rails or guide tracks and centered on the doorway opening. Also, the Screen-Pro guide tracks should be on the outside of any rails or tracks used with the security (regular) door.

## **SCREEN-PRO COMPONENTS**



### **REQUIRED TOOLS**

It is recommended that two people install the door together.

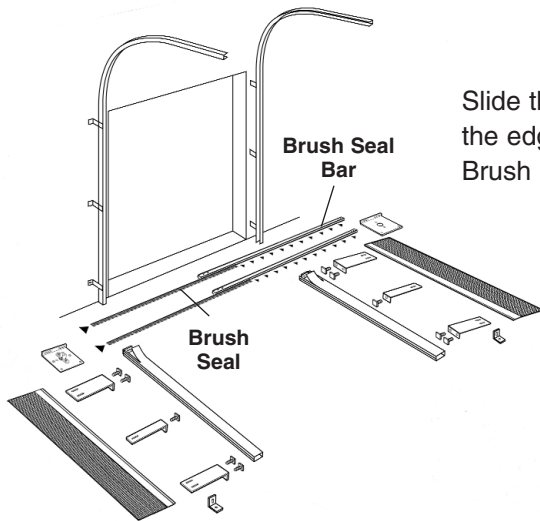
The following tools will be needed for installation:

- 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)

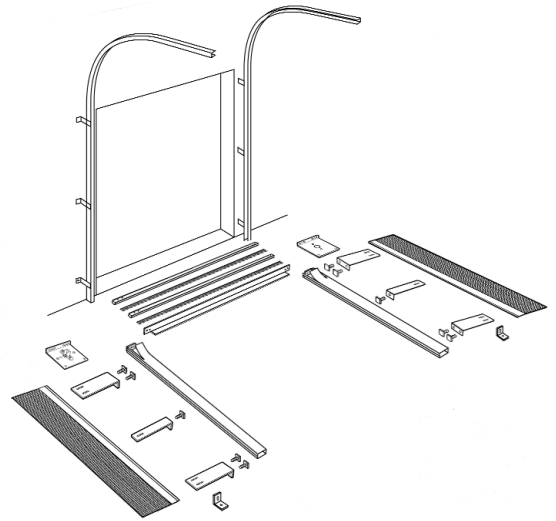
## STEP 1

Lay the basic components in front of the doorway opening.

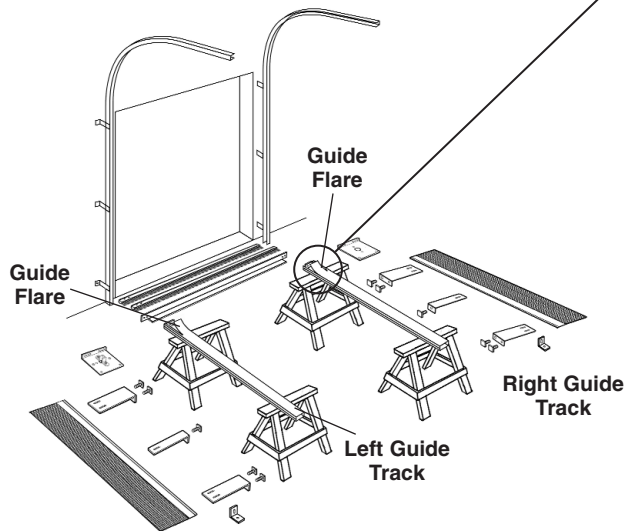
## STEP 2



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



## STEP 3



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

### IMPORTANT

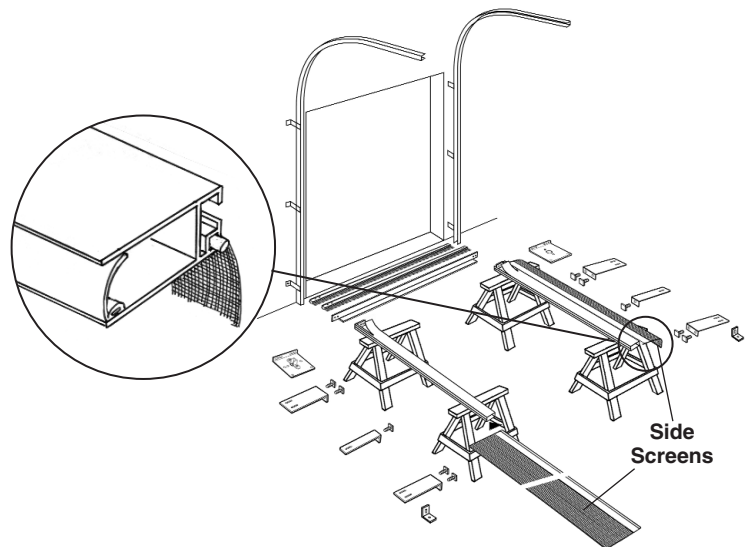
The Guide Track Flare Plate ships flat and must be bent out 1 1/2" before any assembling takes place.

**NOTE:** There is a left and a right Guide Track.

## STEP 4

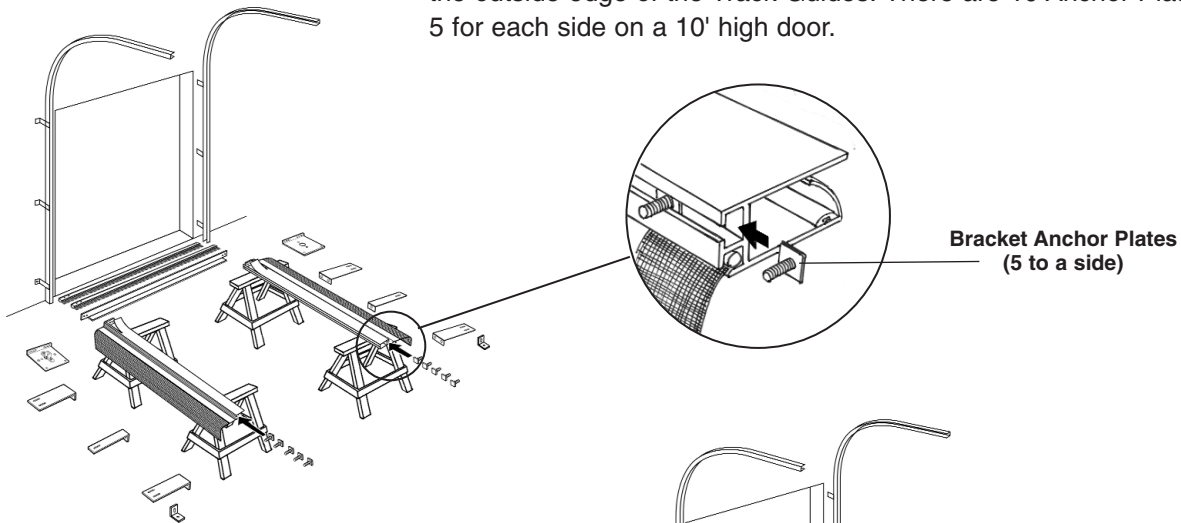
Slide each Side Screen into the groove that is at the bottom outside edge of the Track Guides.

**Note:** If unit is being mounted directly to the wall (not standoff) Side Screens are not necessary and you can skip Step 2.



## STEP 5

Slide the Bracket Anchor Plates into the guide channel that is on the outside edge of the Track Guides. There are 10 Anchor Plates, 5 for each side on a 10' high door.



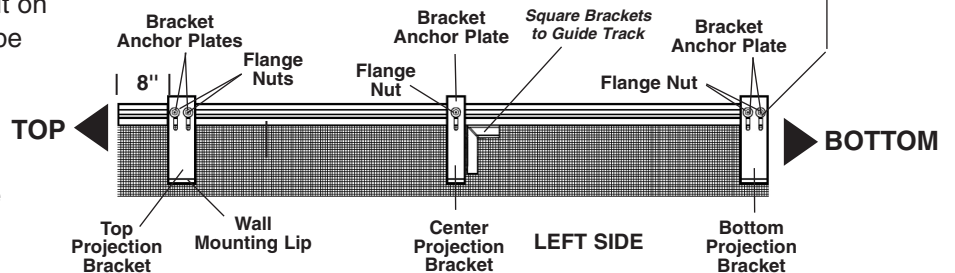
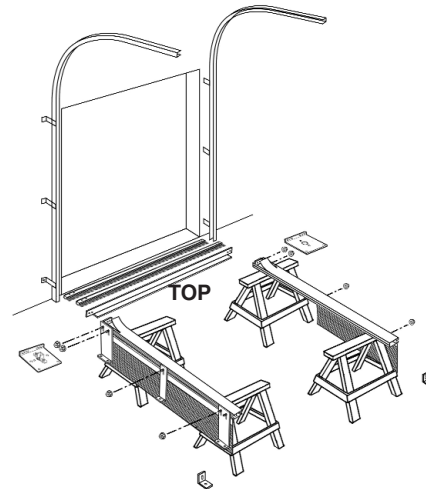
## STEP 6

Place a Projection Bracket on each Bracket Anchor Plate. **IMPORTANT:** The Wall Mounting Lip should be facing outward. The top and bottom braces have 2 slots, the center brace has only 1 slot and should be centered on the Guide Track. All 5 slots must be used.

**Place a Flange Nut on each Bracket Anchor Plate to secure the Bracket and hand tight-en.** However, do not attach a Flange Nut on the very bottom Anchor Plate. That will be done in Step 7.

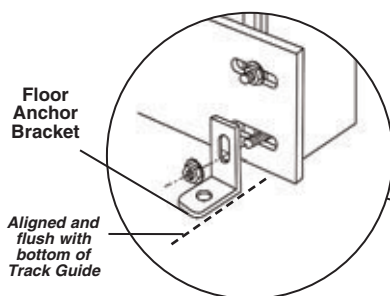
The top edge of the Top Projection Bracket should be mounted 8" from the top of the Guide Track. The bottom edge of the Bottom Bracket should be even with the bottom of the track.

Use a square to make sure that each Projection Bracket is perpendicular to the Guide Track. Then tighten with a wrench.



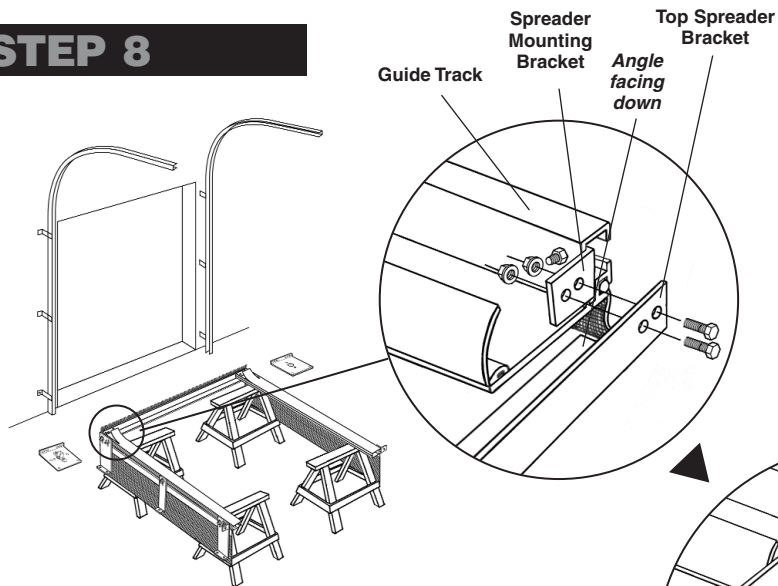
## STEP 7

Next, attach a Floor Anchor Bracket to the bottom of each Guide Track using the Bracket Anchor Plate. Place the oval hole over the bolt and tighten with a flange nut. The Floor Anchor Bracket should be at right angles with the Track Brace and flush with the bottom of the Guide Track.





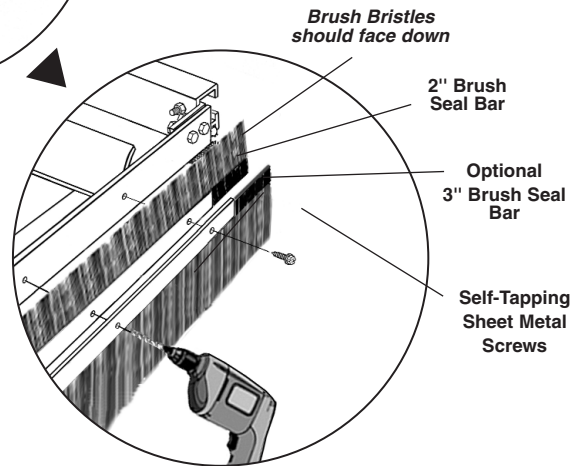
## STEP 8



Attach the Top Spreader Bracket 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. Place the 2" Brush Seal Bar on top of the Spreader Bracket with the brush facing in. **NOTE:** If you are using an optional 3" Brush Seal Bar, it should be placed on top of the 2" Brush Bar facing out. Use 2 bolts and flange nuts on each side to secure all the components..

With the brush bristles facing down, center the 2" Brush Seal Bar on top of the Spreader Bracket and mark the pre-drilled holes on the Spreader Bracket. **NOTE:** If you are using an optional 3" Brush Seal Bar, it should be placed on top of the 2" Brush Bar facing out.

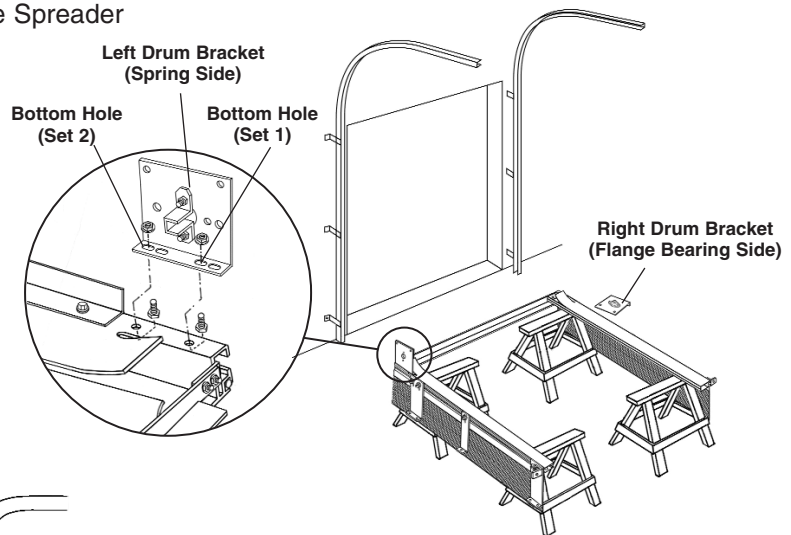
Use the supplied Self-Tapping Sheet Metal Screws to attach the Brush Bars to the Spreader Bracket.



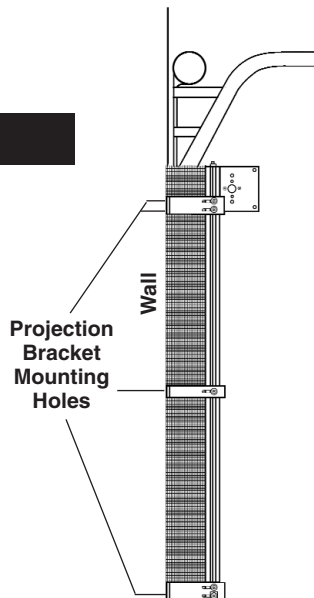
## STEP 9

Attach just the Left Drum Bracket to the top of each Track Guide using 5/16" x 1-1/4" bolts with flange nuts. The square cradle should be facing inward toward the center of the unit.

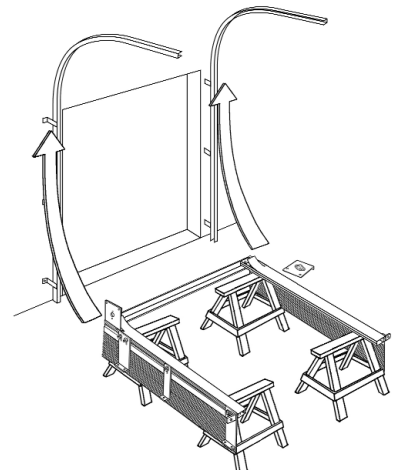
**IMPORTANT:** Use the top hole of each set of holes.



## STEP 10

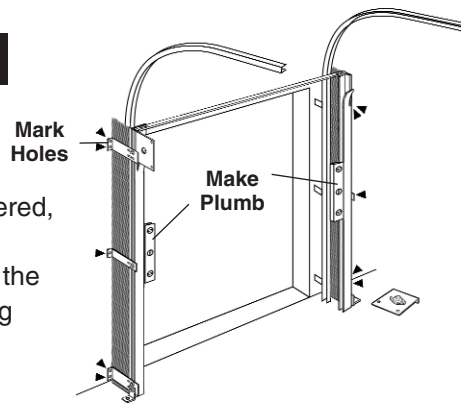


Using a helper, swing the assembly into place and center on the doorway opening. The bottom of Guide Tracks should be on the floor and the wall mounting holes on each Projection Bracket should be flush against the wall.

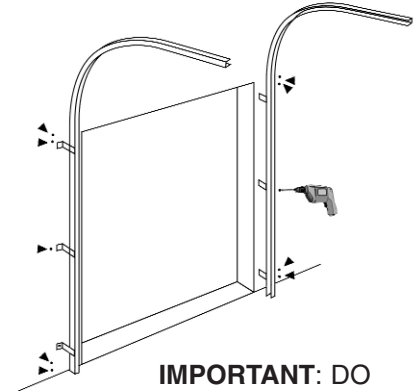


## STEP 11

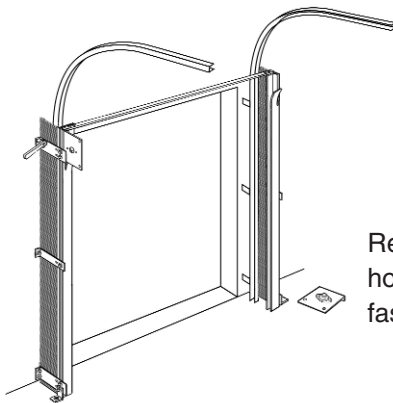
Once the assembly is centered, make sure that each Guide Track is plumb. Then mark the Projection Bracket mounting holes.



Remove assembly and drill all 10 holes. If you are mounting to a concrete wall or concrete block, wall, anchors will be necessary (not supplied).



**IMPORTANT:** DO NOT mark or drill the Floor Anchor Bracket mounting holes. That is Step 13, Page 7.

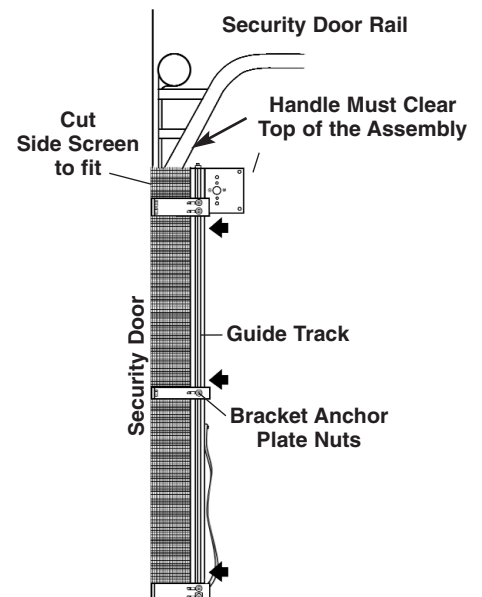


Replace the assembly and align all the mounting holes. Fasten the unit to the wall using appropriate fasteners for the mounting surface.

## STEP 12

The assembly might need to be moved toward the wall. The distance is determined by the space needed for any door handle(s) that are attached to the security door. First, slightly loosen all Bracket Anchor Plate Nuts. Then run the security door up the rail to make sure the handle(s) clear the top of Screen-Pro assembly. Once the adjustment is made, make sure the track is plumb and tighten all Bracket Anchor Plate Nuts.

At this point the Side Screens might need to be trimmed using scissors or a utility knife. The Screen should be 3" wider than the distance from the Guide Track to the wall. Carefully place the excess material against the wall, fold it toward the doorway opening and secure it with the supplied aluminum bar.

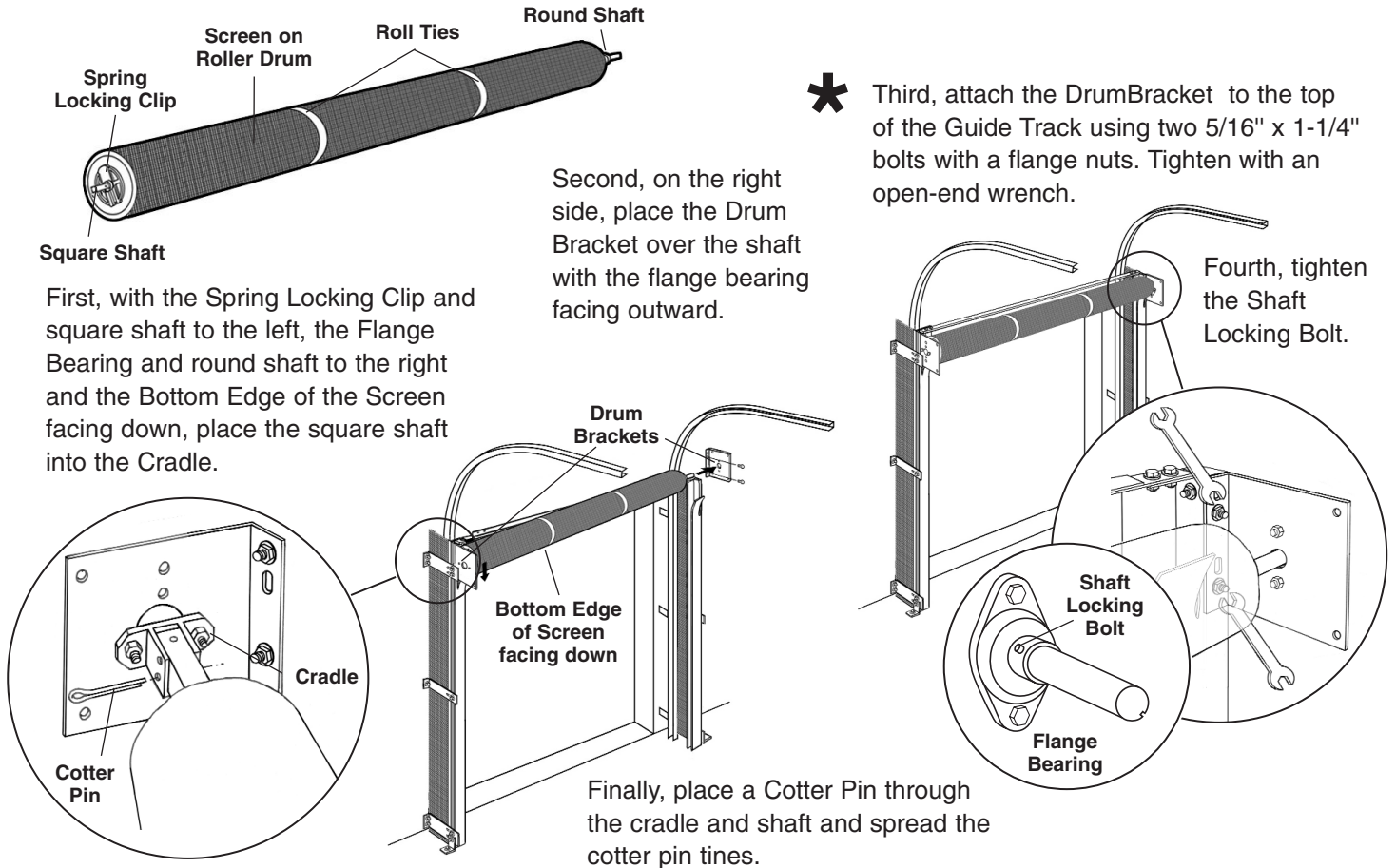


**TIP:** It is much easier to do this procedure when the security door is open.

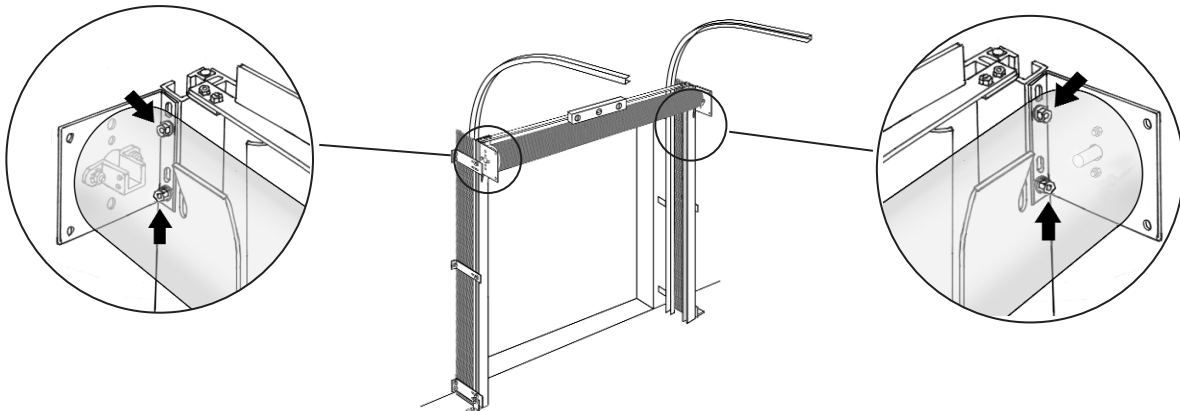
## STEP 13

### WARNING

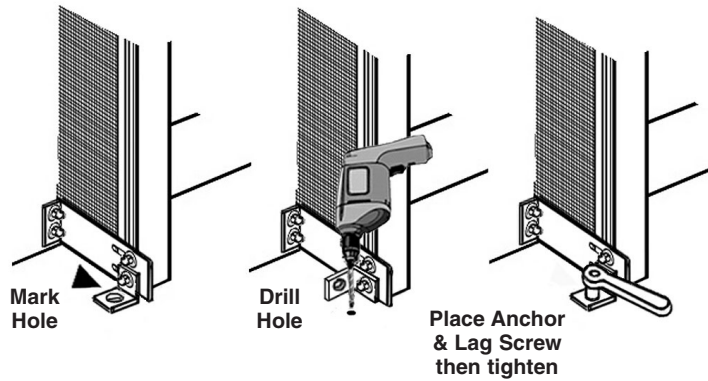
The spring tension for the Roller Tube is pre-set at the factory and is shipped with the Lock Plate in place. DO NOT remove the Spring Locking Plate until the assembly process is completed. Also DO NOT remove the Roll Ties until the Roll Tube is secured to both End Plates.



**\*** At this point the Screen Roller Drum must be leveled. The Drum Bracket Mounting Bolts on one or both sides can be loosened and the drum can be accurately leveled.



## STEP 14

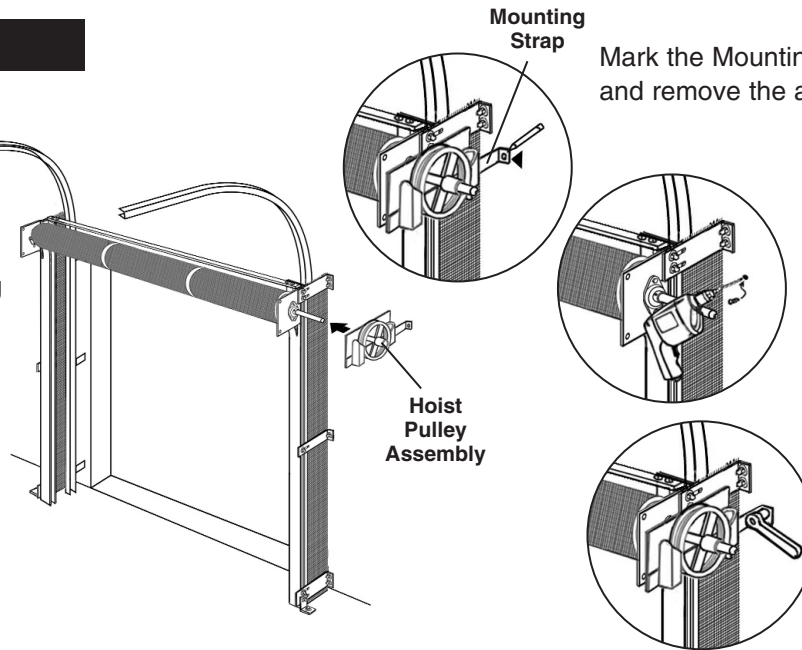


Next, the Screen-Pro should be fastened to the floor using the Floor Anchor Angles which were attached to the Bottom Track Braces (left & right) in Step 6. First, mark the holes. Second, drill the holes. Finally, place the screw anchors and secure with a lag screws.

**Test the unit for free movement and spring tensioning.**

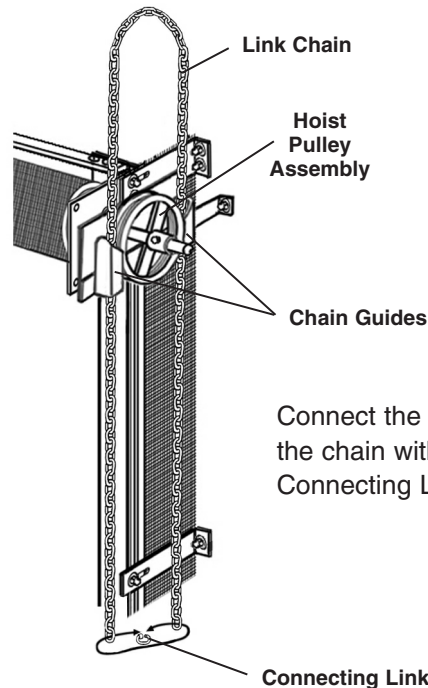
## STEP 15

Place Hoist Pulley Assembly onto the Drum Shaft aligning the keyway groove with the hub pin.



## STEP 16

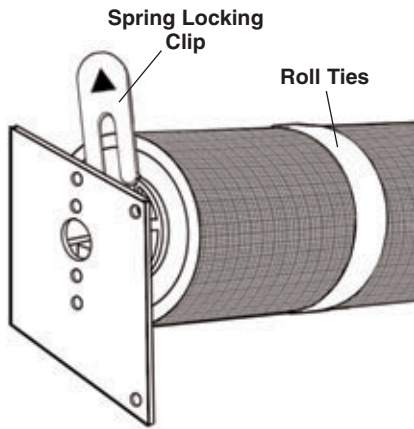
Feed the Link Chain from the top of the Hoist Pulley Assembly through the 2 Chain Guides.



Connect the 2 open ends of the chain with the supplied Connecting Link.

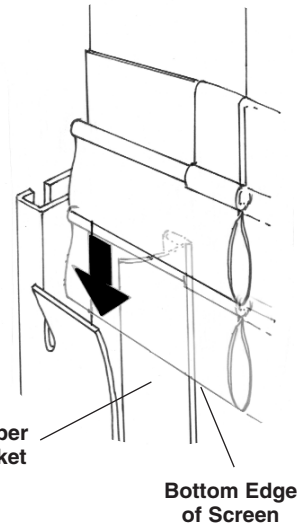


## STEP 17

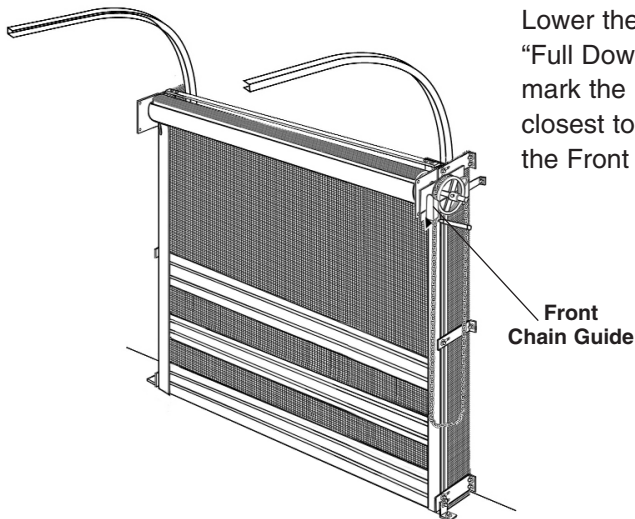


With the Screen Roller Drum in place, remove the Spring Locking Clip.

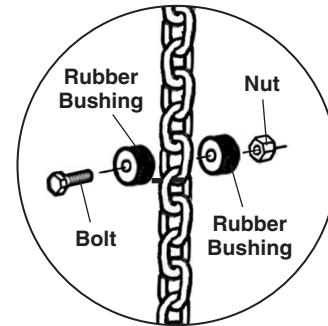
Then carefully cut the Roll Ties without cutting the screen. Slip the bottom edge of the screen into the Guide Tracks. Place the leading edge in front of the Rubber Gasket to create a seal.



## STEP 18

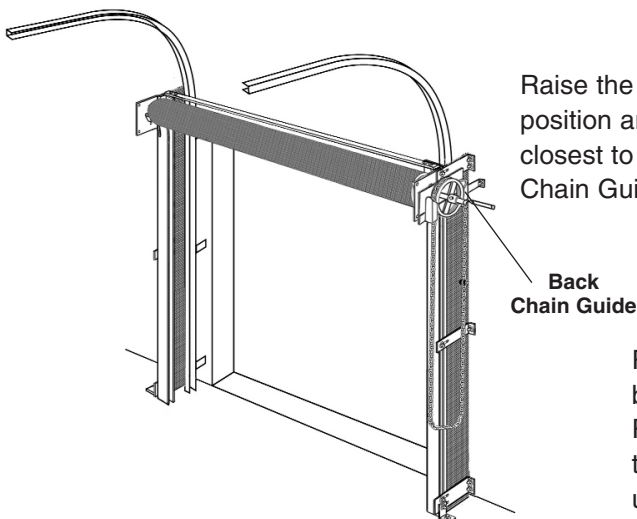


Lower the Screen to the "Full Down" position and mark the link that is closest to the bottom of the Front Chain Guide.



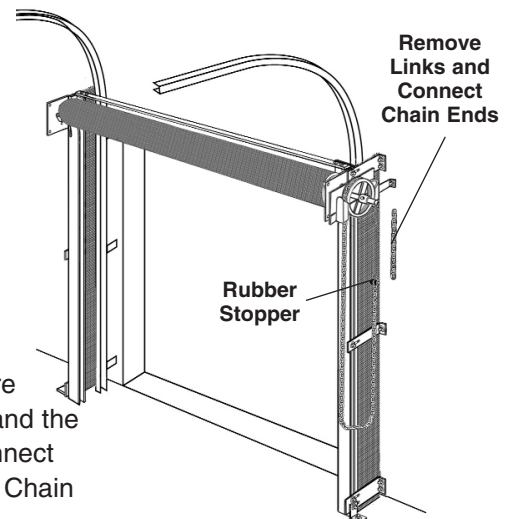
Affix the Rubber Bushing Chain Stopper through the marked link like the illustration above.

## STEP 19



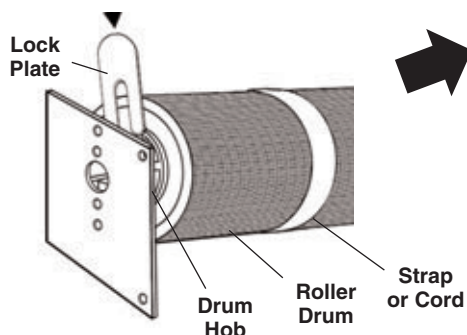
Raise the Screen to the "Full Up" position and mark the link that is closest to the bottom of the Back Chain Guide.

Remove the links that are between the new mark and the Rubber Stopper and connect the two ends of the Link Chain using a connecting link.

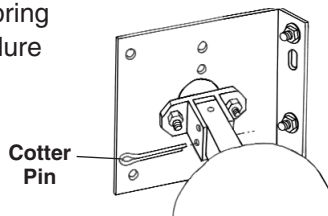


## ADDING TENSION TO THE SPRING

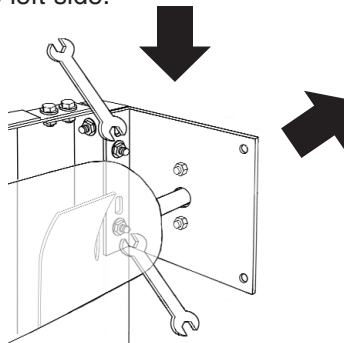
If after testing the door movement, the spring needs more tension, the following procedure should be taken.



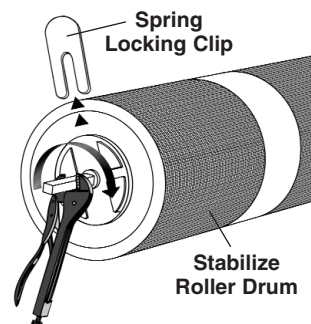
First, wind up the screen so it is completely on the Roller Drum. Using a strap or cord, secure the screen so it is unable to unwind. Place the Lock Plate into the Drum Hub.



Then, remove the Cotter Pin on the left side.



Next, detach the right side Drum Bracket from the right Guide Track. Then lift the Screen Roller Drum out of the left Drum Bracket cradle.



Finally, with the Roller Drum totally stabilized, lock a Vise Grip onto the shaft. Keeping everything in tension, remove the Lock Plate. Turn the shaft clockwise one complete turn and replace the Spring Locking Clip.

***After tensioning, replace the Roller Drum in reverse order.***

## 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](http://www.tmi-pvc.com) • E-Mail: [customer-service@tmi-pvc.com](mailto:customer-service@tmi-pvc.com)