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INSTALLATION INSTRUCTIONS FOR SLIDING DOOR WITH ROLSCREEN® RETRACTABLE SCREEN

WARNING SCREEN IS NOT DESIGNED TO KEEP CHILDREN OR ANIMALS IN OR OUT. KEEP SMALL CHILDREN AND ANIMALS AWAY FROM SCREEN.

IMPORTANT! *Pella recommends finishing the cover, lead stile, handle insert, wood filler strip and upper track prior to installation.*
Finish door where previous screen track was removed. (See Step 1)
Follow finishing instructions in your owner's manual or ***www.pella.com*** to complete this task.

TOOLS REQUIRED:

- Pencil
- Tape Measure
- Hammer
- Handsaw
- 4' Level
- Screwdrivers (Phillips, Standard and Flat blade)
- Drill
- Sidecutters
- Step Ladder

REMEMBER TO USE APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.
Pella recommends that you have someone there to assist you with the installation.

SLIDING DOOR WITH A ROLSCREEN® RETRACTABLE SCREEN

Verify the contents of the package to ensure that you have received all the pieces indicated below.

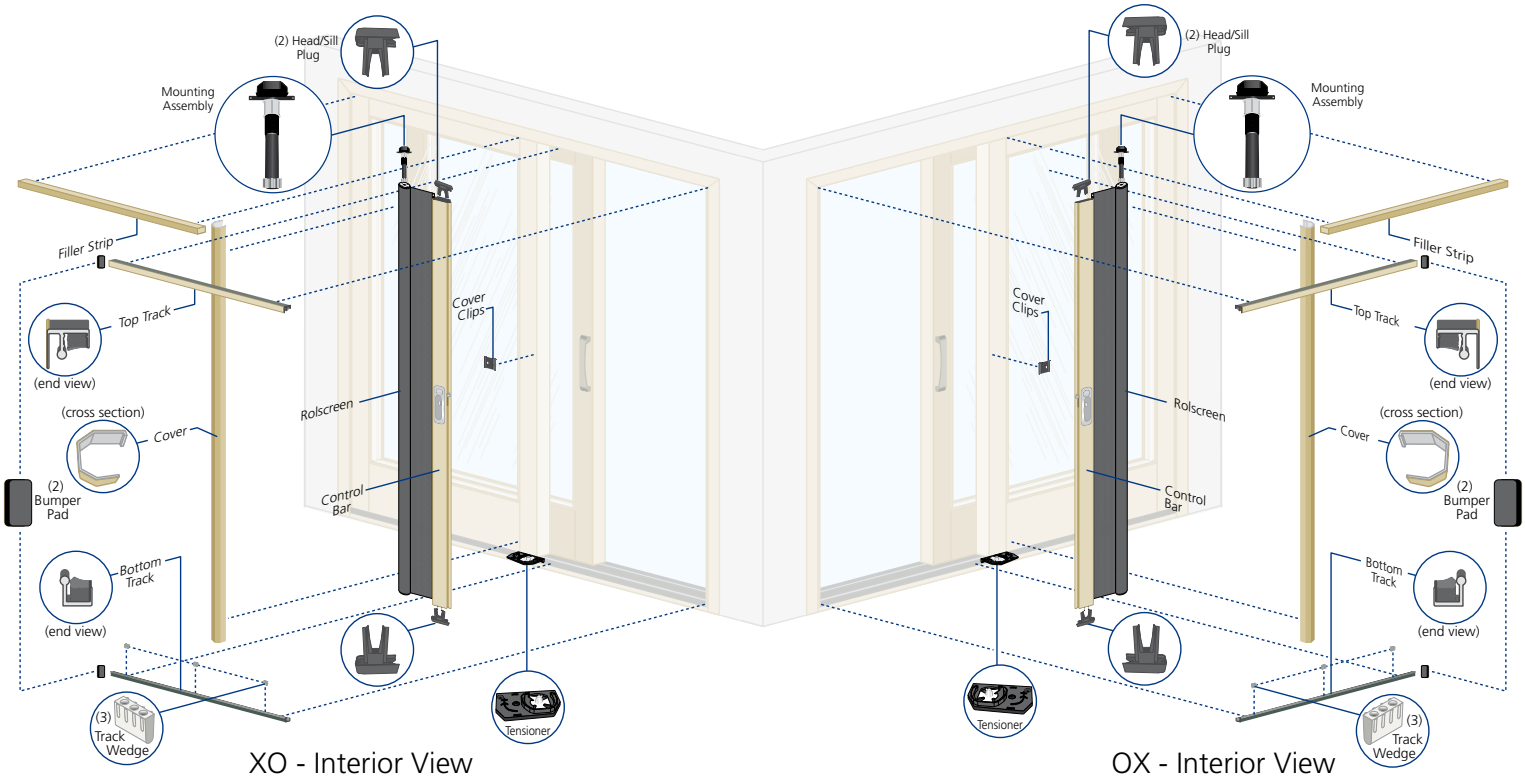
CAUTION Operating a retractable screen may result in a static discharge. A static discharge in the presence of a flammable substance such as aerosol lubricant could cause ignition. To avoid injury and/or property damage, do not use any flammable substance on a retractable screen.

Note: When inserting screws, DO NOT overtighten.

(13) #6 x 5/8" Pan Head screw

(2) #6 x 5/8" Pan Head Low Profile screw

(2) #6 x 1" Flat Head screw



1 PREPARE FOR THE INSTALLATION

A. **Remove all components from the package** and compare them to the illustration of included components. Make sure that the lead stile is correct for your door.

Note: If any components are missing or incorrect, contact your Pella dealer.

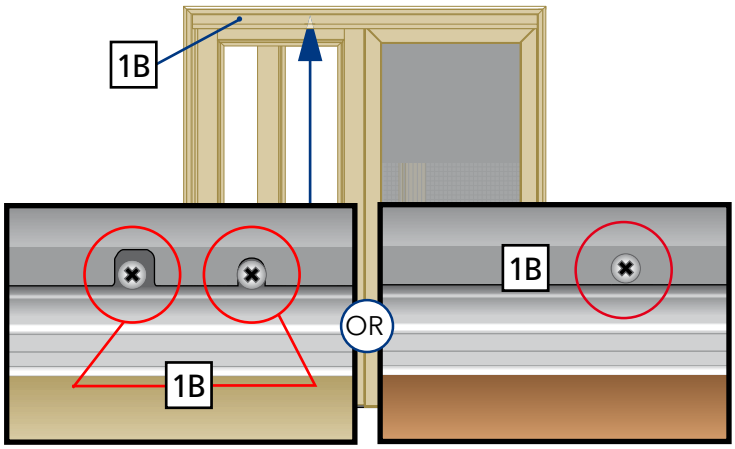
B. **Remove the screen track.** Screen track will be a one or two-piece track depending on the vintage. Disconnect the cord from the cord/screen holder. Remove cord/screen holders. Remove the attachment screws at the head of the door frame. There will be 4 to 8 screws depending on the vintage. The two-piece track will have 8 screws.

C. **If necessary, apply paint, stain or other finish** to the top of the doors now exposed by the removal of the track.

Note: The Screen track and filler strip are narrower than the track that was removed, therefore more of the door will be visible.

D. **Apply finish to the wooden components of the screen** prior to installation.

Note: Refer to the Pella Homeowners Guide or www.pella.com for specifications.

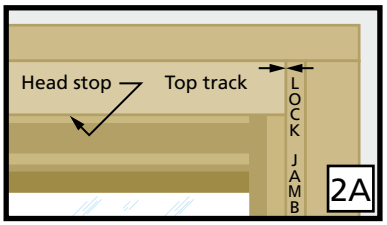


Two-Piece Track One-Piece Track

2 INSTALL THE TOP TRACK

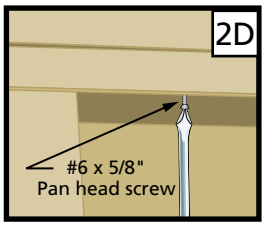
Note: The illustrations in this step depict an XO door.

A. **Locate the top track and position it at the top of the door** so that it is flush with the front of the head stop, and the end is flush with the lock jamb.



B. **Mark the location of the three track attachment screws.**

C. **Drill 1/4" deep pilot holes with a 1/16" bit in the three marked locations.**



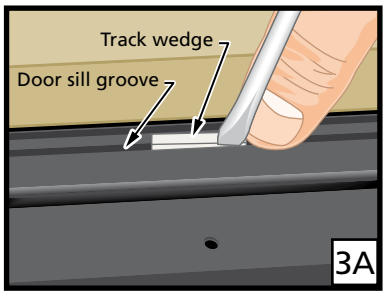
D. **Position the top track as described in 2A** then insert a #6 x 5/8" screw into each of the pilot holes to secure the top track.

3 INSTALL THE BOTTOM TRACK

A. **Lay the bottom track against the sill.** Insert the three (3) bottom track wedges in the door sill groove aligned with each of the holes in the track. Make sure the tops of the wedges are flush with the lower level of the inner sill.

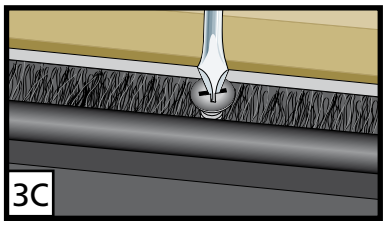
B. **Position the bottom track** onto the bottom of the door frame.

Note: Make sure the bottom track is flush with the threshold and the lock jamb. If the bottom track is not flush, it may cause the sill lug to drag and the screen will not operate smoothly or will not retract completely. Also be sure the plastic protective sill cover has been removed.



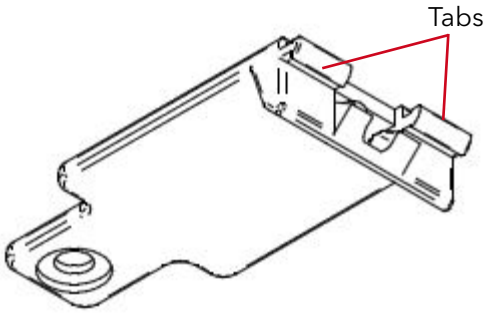
C. **Use a screwdriver to insert a #6 x 5/8" screw** into each of the holes in the track, driving the screw through the bottom track wedges in the door sill groove to secure.

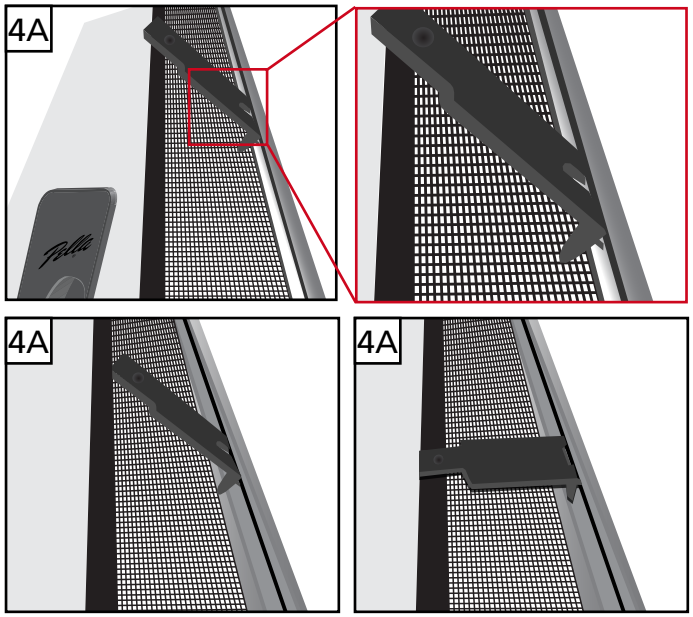
Note: The bottom track must be tight against the threshold and the bottom of the door frame to ensure the screen can operate smoothly. DO NOT overtighten the screws to avoid damaging the track.



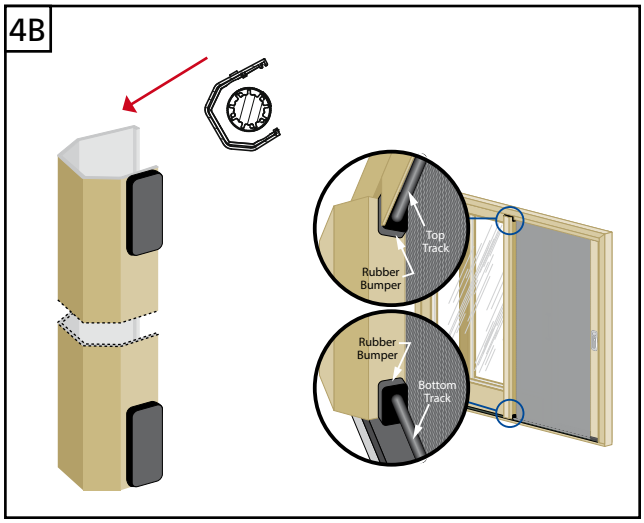
4 PREP THE SCREEN CARTRIDGE FOR INSTALLATION

A. **Install the Center L-Bracket onto the Rolscreen cartridge.** Place the edge tabs of the bracket into the groove of the Rolscreen cartridge as shown. Position the bracket down against the screen.

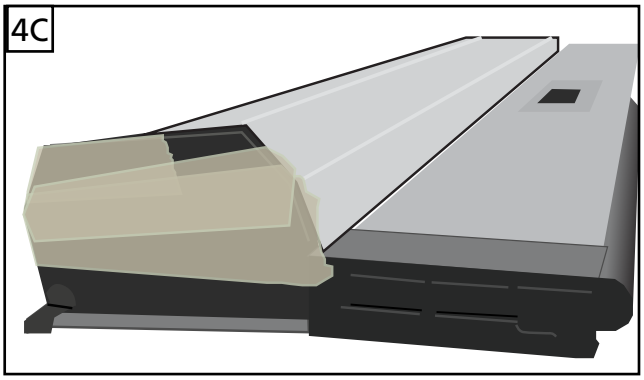




B. **Peel the backing off of the rubber bumpers** and place one on the top and one at the bottom of the screen cartridge on the side opposite the screen tensioner. The bumpers will align at the top and bottom with the screen tracks.

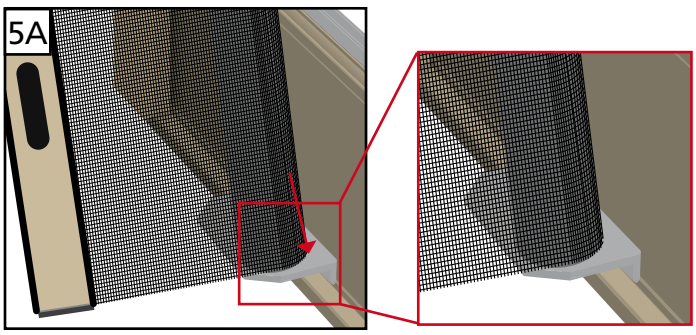


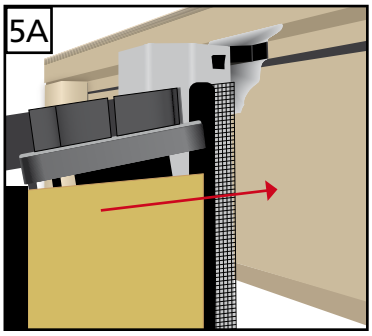
C. **Remove tape after the screen is installed** or make sure to support pin wheel when removing tape as to not disturb the pin wheel (which is located at the bottom of the Rolscreen cartridge).

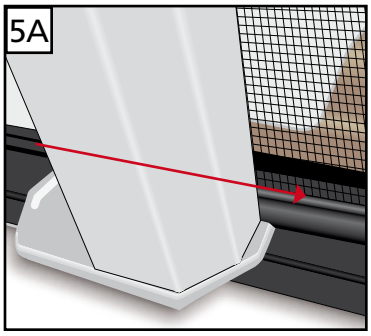


5 INSTALL THE SCREEN CARTRIDGE

A. **Install the screen cartridge** by inserting the tensioner on the bottom of the cartridge into the bottom track. Tilt the cartridge up against the fixed panel and then over against the Rolscreen top and bottom tracks.

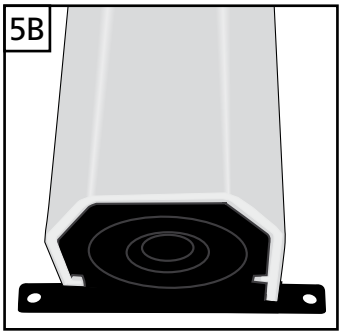


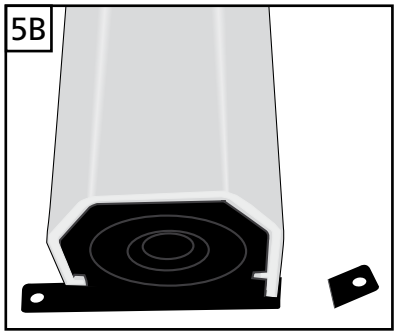




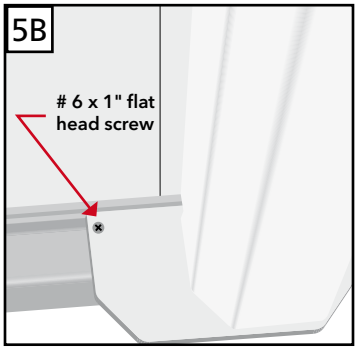
B. **At the cartridge head (top) are two screw holes in tabs on the mounting bracket,** one on each side of the cartridge. Cut off the screw hole tab on the side of the cartridge with the control bar.

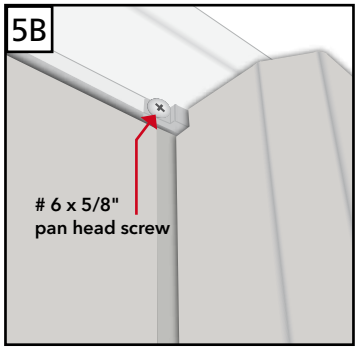
Note: This screw hole tab may have been already cut off at the factory.

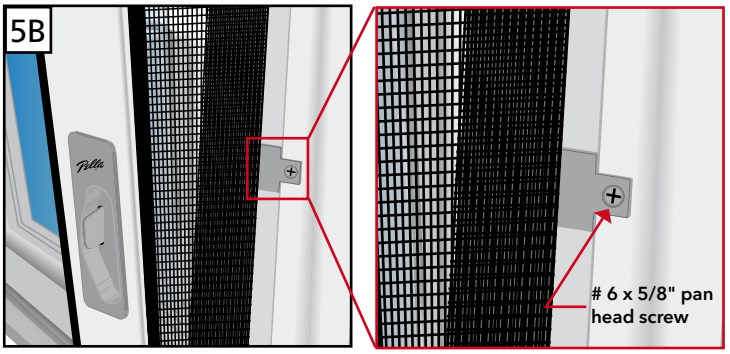




Attach the cartridge using the provided screws. Use #6 x 5/8" pan head at the head and in the center L-bracket and use #6 x 1" flat head at the sill. To access the center L-bracket move the screen out of the way.

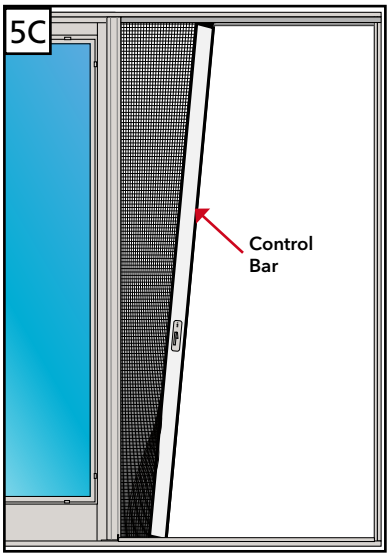


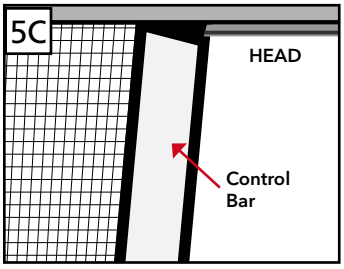


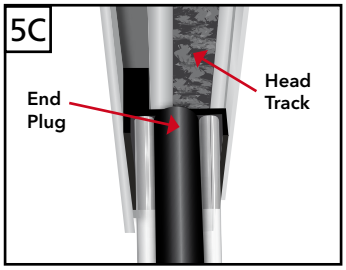


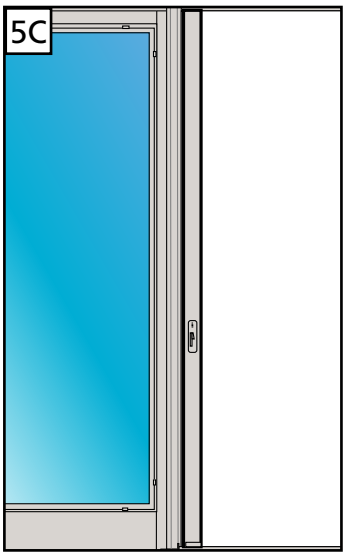
5 INSTALL THE SCREEN CARTRIDGE (continued)

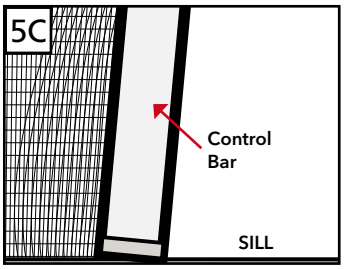
C. **Install the screen control bar** onto the screen track by tilting the control bar enough for the end plugs to engage the head and sill screen tracks.

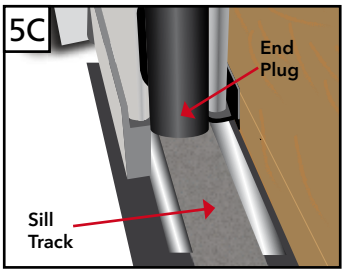












6 CHECK THE OPERATION

⚠ CAUTION Operating a retractable screen may result in a static discharge. A static discharge in the presence of a flammable substance such as aerosol lubricant could cause ignition. To avoid injury and/or property damage, do not use any flammable substance on a retractable screen.

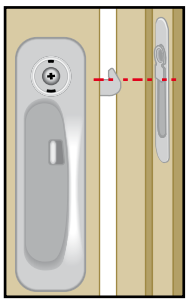
A. **Hold the screen control bar in place** and open and close the screen to ensure that it operates properly.
Note: If the screen roller is not held in place at the mounting bracket, it may pop out of position.

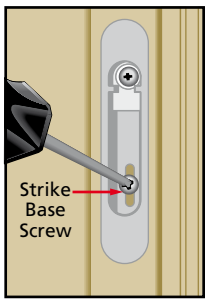
B. **If the screen does not retract completely,** add tension with a flat blade screwdriver.

7 HARDWARE INSTALLATION

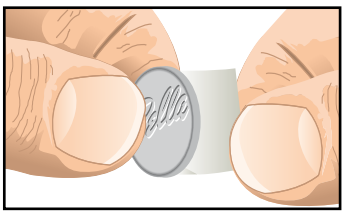
A. **Align the bottom edge of the strike** with the lock catch as shown. If necessary, for proper alignment the following adjustments can be made:

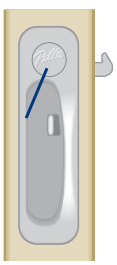
- Loosen the strike base screw and adjust the base up or down. Tighten the strike base screw to secure in place.
- Loosen the screw at the top of the handle and adjust the handle up or down, tighten the screw to secure in place.
- Sill plug spacers can be added or removed to adjust the control bar up or down to align the strike with the lock catch.



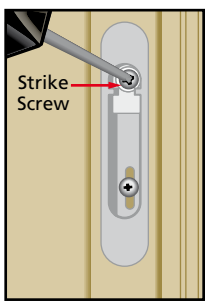


B. **Locate the Pella penny in the strike kit.** Remove the release paper from the backside of the Pella penny, align the penny tabs with the slots in the interior handle and press in place.





C. **Slide the Screen closed.** If the lock will not engage the strike, adjust the strike screw out until the lock will engage.

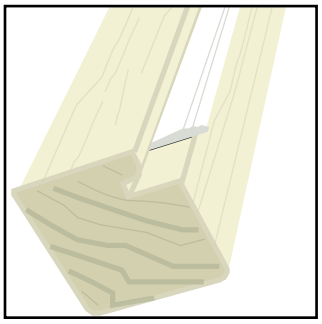


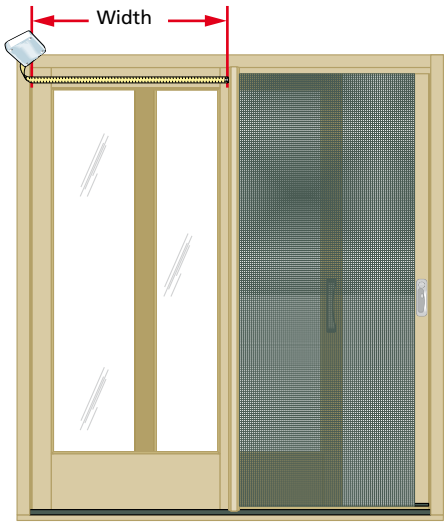
8 INSTALL THE FILLER STRIP

A. **Measure the distance from inside the door frame to the cover** at the top of the door as shown.

B. **Cut the filler strip to length.**

C. **Install the filler strip** by aligning the barbs with the accessory groove at the top of fixed panel. Press the strip into place, by making sure the barb is fully seated into the groove. Position the barbs to avoid interference with screws and spacers when installing the Rolscreen at the head of the unit.





Optional additional fastening method:

D. **Drill two or three pilot holes** through the filler strip with a 1/16" drill bit.

E. **Attach the filler strip** with 1-1/2" finish nails.

TROUBLESHOOTING

If the screen locks up while retracting, pull it toward the lock/latch side to release the spring.

If the screen locks in the latched position, carefully apply pressure to the screen cloth to release the spring.

If the screen does not retract fully after being in the latched position for an extended period of time, open and close it a few times to return the spring to the original tension or add tension to the tensioner adjuster using a flat blade screwdriver.