



7500 SERIES
SLIDING PATIO DOOR
OEM INSTALLATION MANUAL

L I P P E R T
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TABLE OF CONTENTS

Introduction	2
Safety	2
Resources Required	2
Preparation	3
Installation	4
Screen Door	7
Post-Installation Check	9

Introduction

The 7500 Series Sliding Patio Door comes fully assembled. There are two versions available, one for curbside installation and one for roadside installation. The fixed panel of the sliding door should be towards the front of the unit.

Safety

Read and understand all instructions before installing or operating this product. Adhere to all safety labels. This manual provides general instructions. Many variables can change the circumstances of the instructions, i.e., the degree of difficulty, operation and ability of the individual performing the instructions. This manual cannot begin to plot out instructions for every possibility, but provides the general instructions, as necessary, for effectively interfacing with the device, product or system. Failure to correctly follow the provided instructions may result in death, serious personal injury, severe product and/or property damage.

WARNING

The "WARNING" symbol above is a sign that a procedure has a safety risk involved and may cause death or serious personal injury if not performed safely and within the parameters set forth in this manual.

WARNING

Failure to follow instructions provided in this manual may result in death, serious personal injury and/or severe product and property damage, including voiding of the component warranty.

CAUTION

The "CAUTION" symbol above is a sign that a safety risk is involved and may cause personal injury and/or product or property damage if not safely adhered to and within the parameters set forth in this manual.

CAUTION

Always wear eye protection when performing service, maintenance or installation procedures. Other safety equipment to consider would be hearing protection, gloves and possibly a full face shield, depending on the nature of the task.

CAUTION

Moving parts can pinch, crush or cut. Keep clear and use caution.

Resources Required

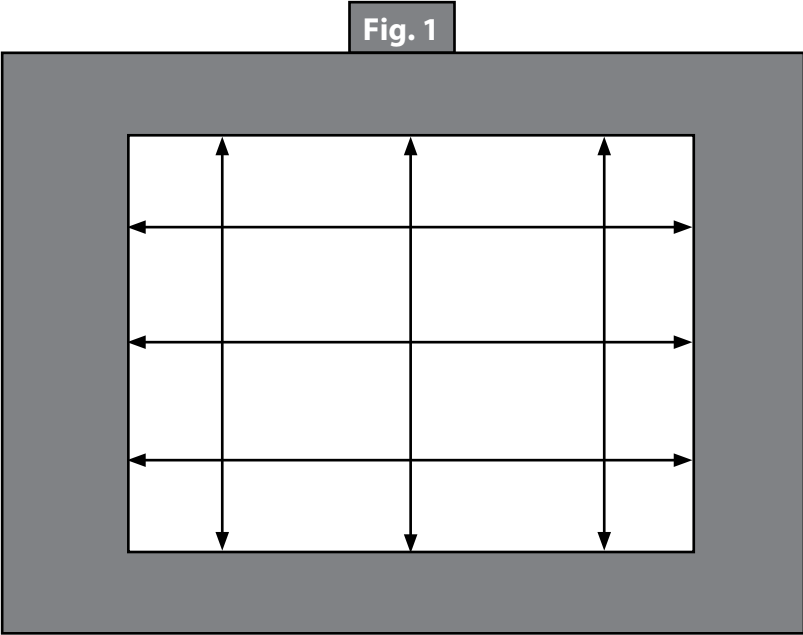
- Cordless or electric drill or screw gun
- Appropriate drive bits
- Tape Measure
- Square
- Sealant, gunnable or tape (putty or butyl type)
Sealant should be high quality, water-resistant, non-hardening.
- Level
- Fasteners - Any of the fasteners listed below can be used for installation.
 - 6D smooth shank nails
 - 6D ring shank nails
 - #8 pan head screws
 - 16 gauge adhesive coated staples 7/16" crown

Preparation

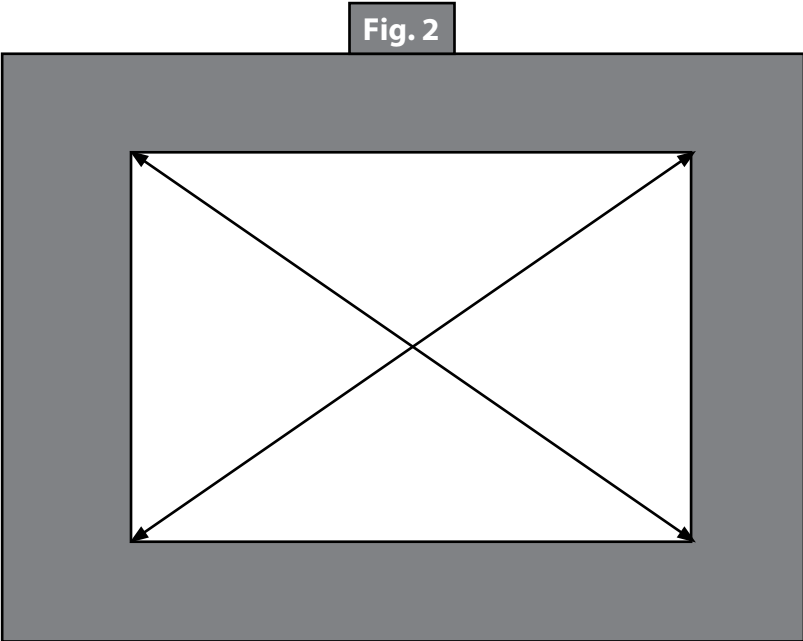
1. Check rough opening. **DO NOT** install the door unless the rough opening is correct.

Call Size	Net Frame Size	Recommended Rough Opening
6' 0" x 6' 4"	71 1/2" x 75 1/2"	72" x 76"
6' 0" x 6' 8"	71 1/2" x 79 1/2"	72" x 80"
8' 0" x 6' 4"	95 1/2" x 75 1/2"	96" x 76"
8' 0" x 6' 8"	95 1/2" x 79 1/2"	96" x 80"

2. Check rough opening width and height at three points. There should be no more than 1/8" variation between these measurements (Fig. 1)



3. Check squareness of the rough opening. Measure the opening two ways diagonally. Diagonal measurement will be the same if the opening is square and the variation does not exceed 1/4" (Fig. 2).



Installation

There are roadside and curbside versions of this door assembly. Make sure that the correct door is being installed in the unit. The fixed panel side of the door assembly should be towards the front of the unit.

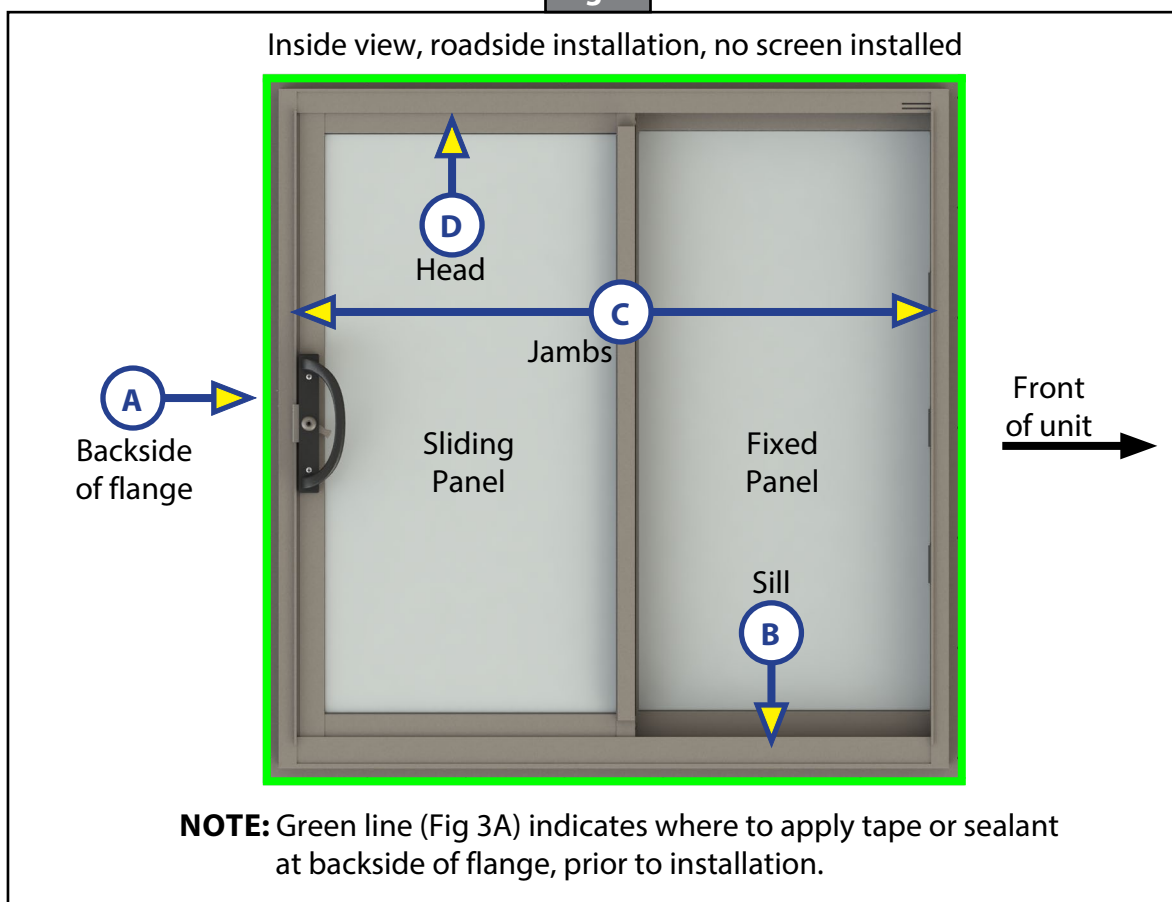
⚠ CAUTION

Do not use a sealant that contains solvents that may chemically attack vinyl.

1. Apply a 1/8" thick, suitable, good-quality, non-hardening water-resistant sealant tape (putty or butyl type) to the full perimeter of the backside of the mounting flange (Fig. 3A). If a gunnable sealant is used, a minimum 1/4" bead should be applied. The bead should be centered over the mounting holes on the interior surface of the mounting flange.

NOTE: The use of foam tapes is not recommended for door installation.

Fig. 3



2. Place door into rough opening, then center the door in the opening, making sure it is square in the opening. Level the frame sill (Fig. 3B) and shim if necessary.

NOTE: Keep the moving panel closed and locked during installation.

3. Drive the first fastener in to the mounting flange, at approximately the center of the frame sill (Fig. 3B). All fasteners installed from the exterior of the unit. Square and plumb the jambs (Fig. 3C). Then, drive a fastener in to the mounting flange at each jamb, approximately at midpoint. Align frame head (Fig. 3D) and secure with a fastener in to the mounting flange, approximately at midpoint.

⚠ CAUTION

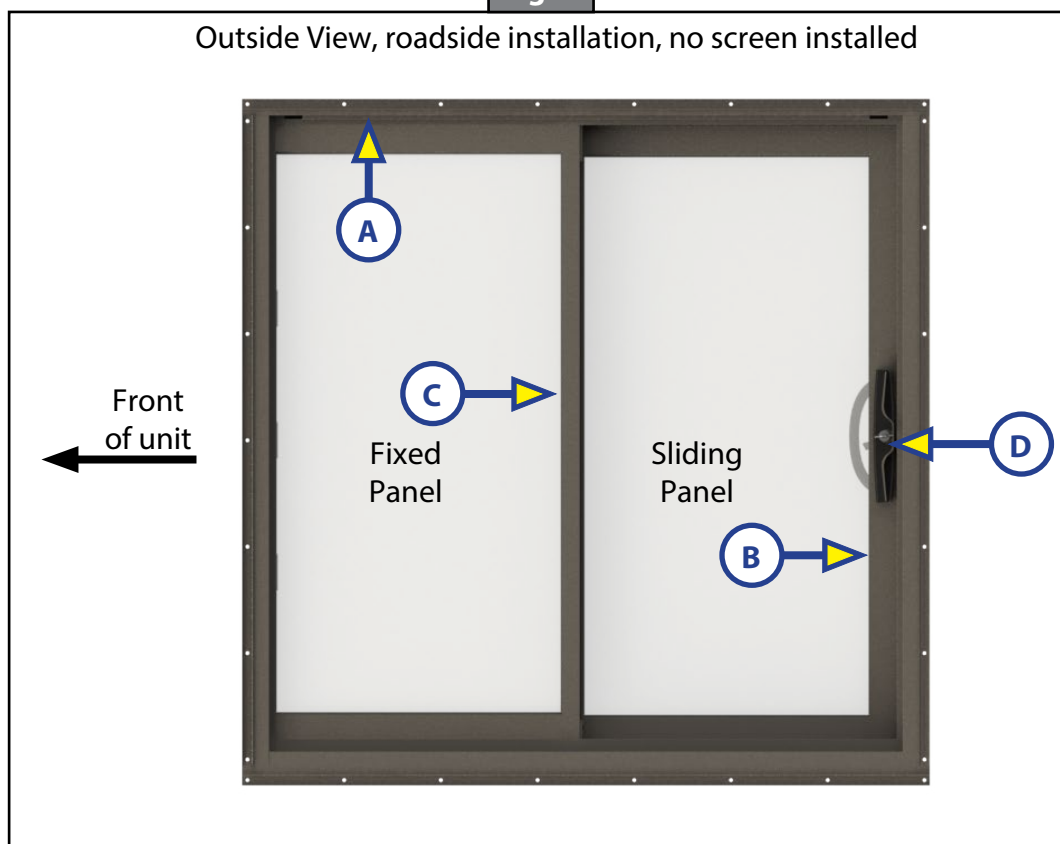
The drill should be adjusted so that there is not excessive dimpling or fracturing of the mounting flanges, which could cause distortion of the door frame.

4. Shim around the jambs as necessary and drive rest of the fasteners through all the holes provided around the perimeter (Fig. 4A). Screws, nails or staples may be used for the installation, but the fastener must penetrate the stud at least 1", allowing for exterior sheathing. The pre-punched mounting holes in the flanges are to assist when using #8 pan head screw fasteners.

⚠ CAUTION

Any fastener that is left exposed to the weather shall be of a plated type that will not corrode.

Fig. 4



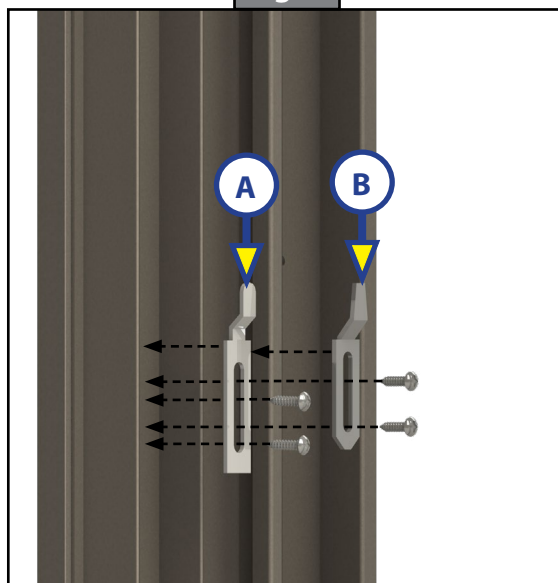
5. Adjust rollers in the moving panel by turning the screw inside the hole (Fig. 5A) at the bottom of the moving panel with a Phillips head screwdriver. When adjusting the rollers, lift up on the panel to take the load off the adjusting screw. Move the rollers either up or down until the panel has an even reveal at the lock side frame jamb (Fig. 4B) and/or fixed meeting rail (Fig. 4C).

Fig. 5



6. Shim between wall studs and the door frame behind the lock keeper (Fig. 4D). Remove the two #8 x 1/2" Phillips pan head (PPH) screws from the lock keeper and discard.
7. Install the four provided #10 x 2 1/2" PPH screws into the striker (Fig. 6A) and lock keeper (Fig. 6B) into the door frame. Make sure the lock engages the keeper properly and make necessary adjustments by moving the lock keeper up or down.

Fig. 6



8. Seal the entire perimeter of the door with a good quality sealant (Fig. 7).

Fig. 7

Outside view, roadside installation, no screen installed

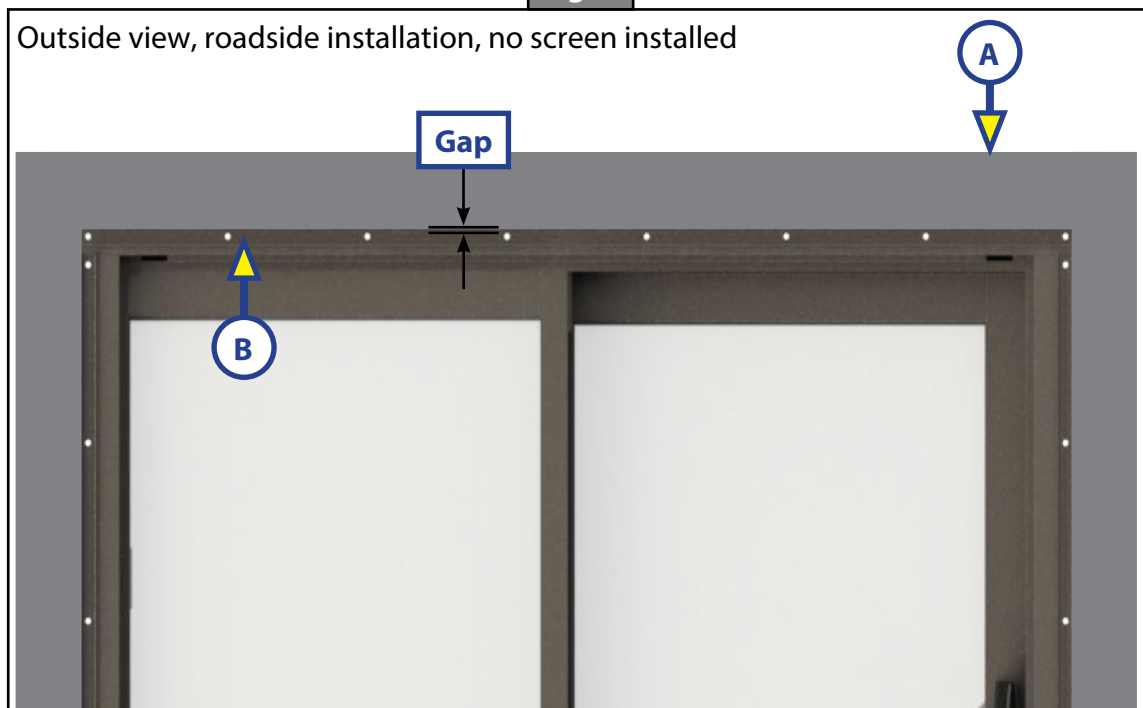


NOTE: Green line indicates where to apply sealant



9. After the door has been installed, the perimeter of the mounting flange should be covered with siding material. Leave a gap between the edge of the siding material (Fig. 8A) and the door frame (Fig. 8B) to allow for siding expansion and contraction.

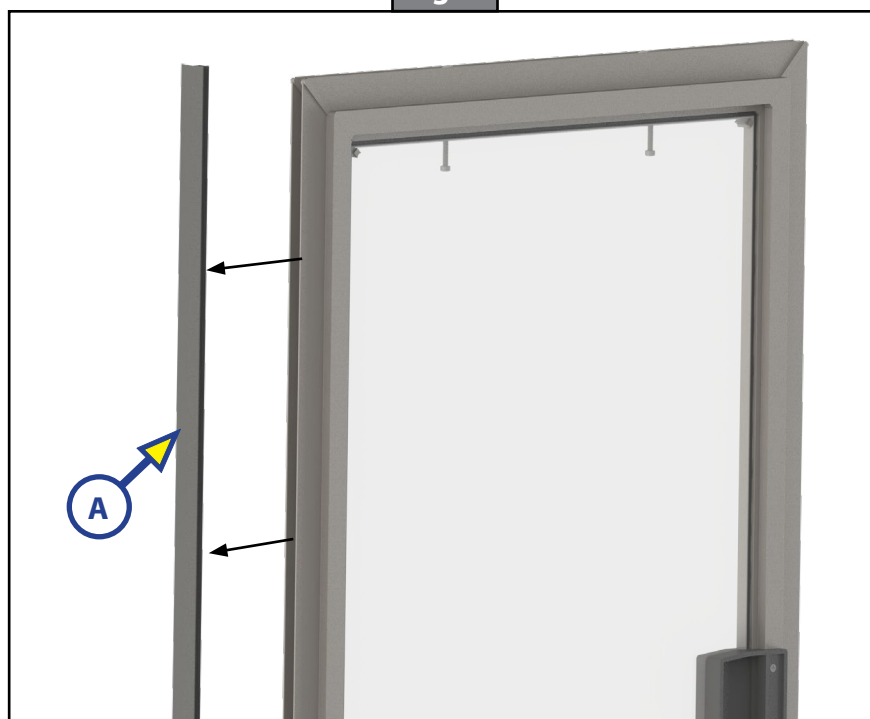
Fig. 8



Screen Door

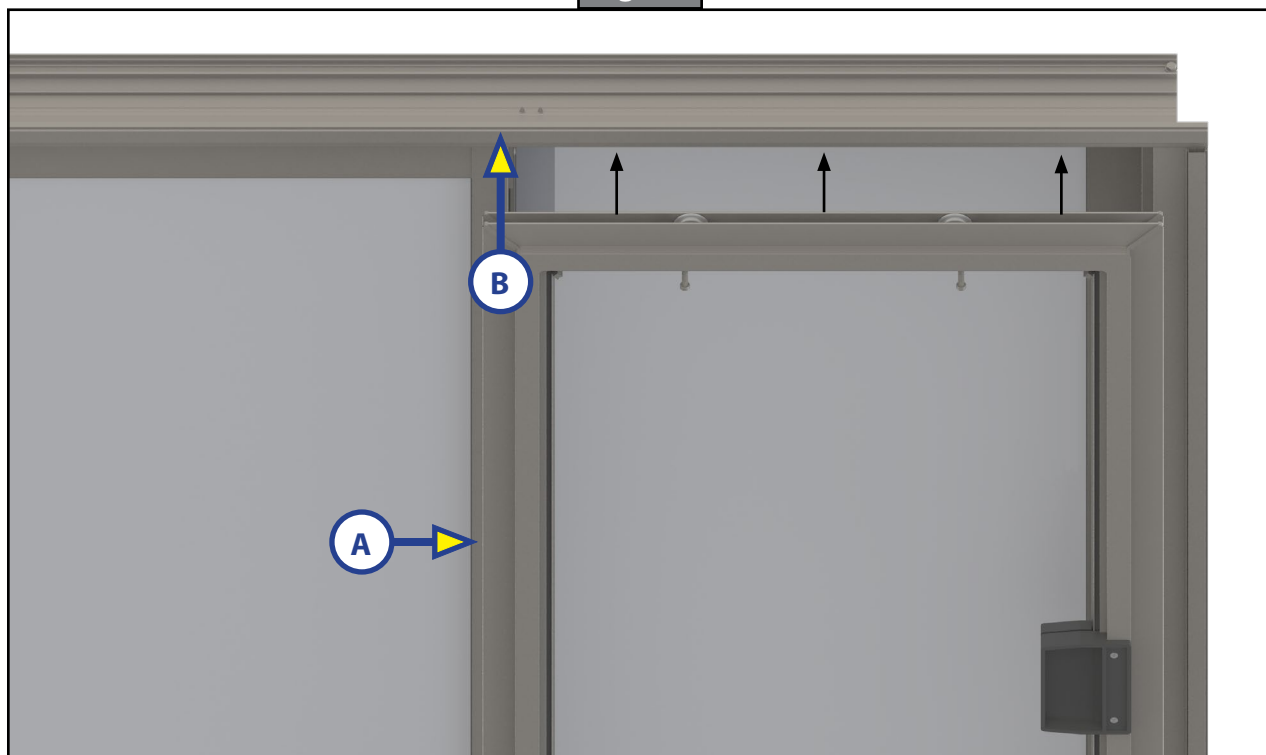
1. Make sure the sliding screen handle is on the same side as the sliding door handle. Rotate the screen door if necessary. The handle lever should face the outside.
2. Remove bug sweep (Fig 9A) from the edge of the screen door.

Fig. 9



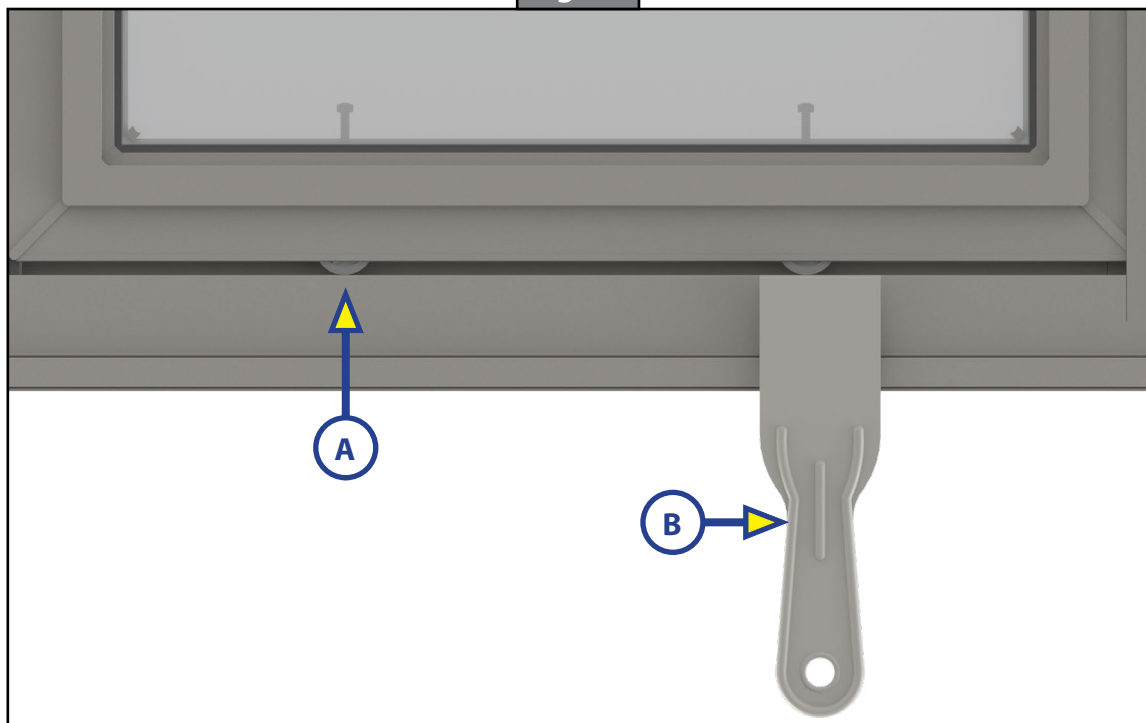
3. Fit the screen door (Fig. 10A) into the top sill track (Fig. 10B) of the sliding door frame.

Fig. 10



4. Once the screen in the top sill track, lift the bottom of the screen (Fig. 11A) with a putty knife or similar flat-blade tool (Fig. 11B). Make sure the putty knife goes under each wheel in the door and lift it onto the sill guide rail.

Fig. 11

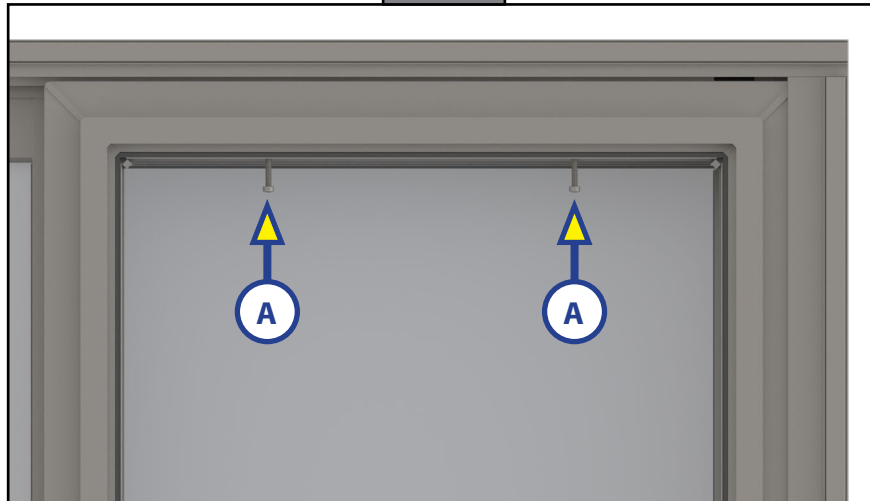


NOTE: The bottom rollers must sit on the rail for the screen door to function properly.

5. Test the screen door to make sure it opens and closes smoothly.

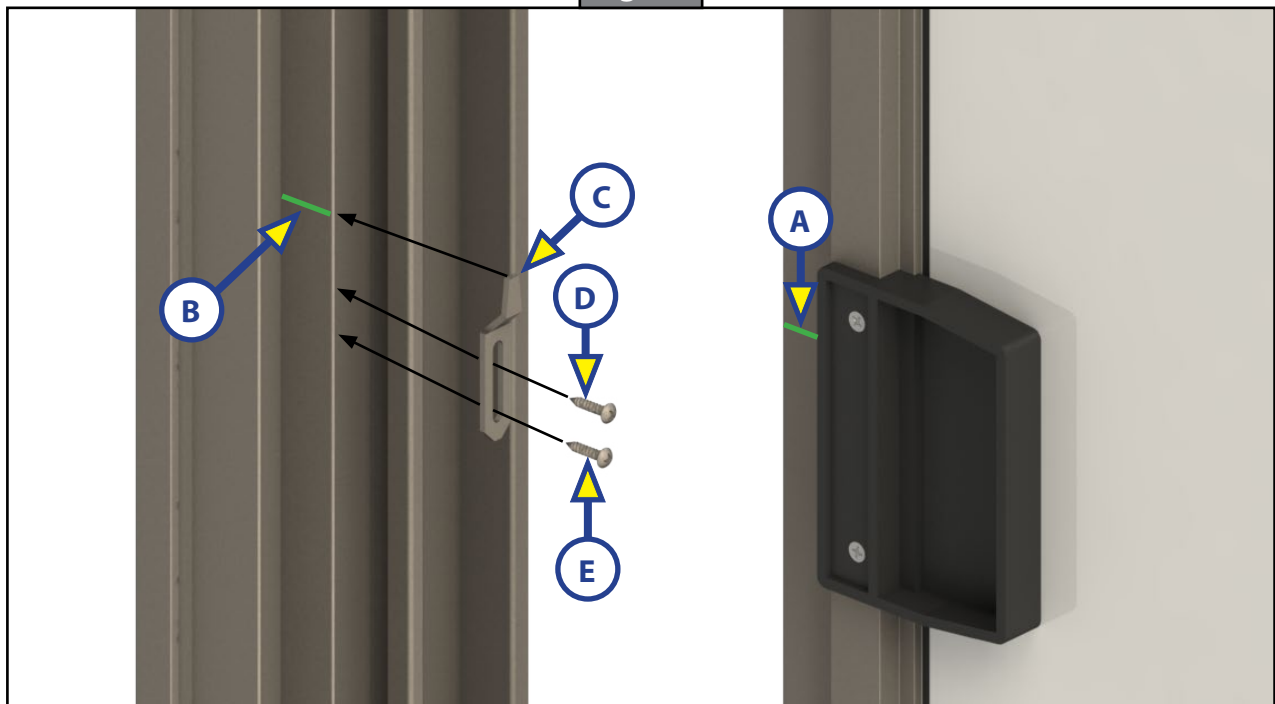
6. If the screen door needs to be adjusted, adjust the height of the rollers by adjusting the screws at the top and bottom of the screen (Fig. 12A).

Fig. 12



7. Attach the bug sweep by pressing it into the bug sweep channel. Trim the excess where the bug sweep is flush with the bottom of the screen.
8. With the latch handle in the up position, mark where the bottom of the latch rests (Fig 13A) on the side of the screen door. Close the screen almost completely and mark that same location on the patio door frame (Fig. 13B).
9. Align the latch hook so that the top of the hook is even with the mark made on the patio door frame (Fig 13C).
10. Attach one screw (Fig. 13D) in to the oblong slot. Adjust until the screen door latches, then drill a second pilot hole and attach the second screw (Fig. 13E).

Fig. 13



Post-installation Check

After installation, check the following for functionality:

1. Slide the door open and closed to make sure there is no binding of the door. If the door is not opening correctly, re-check that the door frame is square in the opening.
2. Check the locking mechanism to make sure it is correctly aligned and works properly. If necessary, adjust the striker and lock keeper.



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