

Frame and Interlock Weatherstrip Replacement Guide

for Andersen® 200 Series Perma-Shield® Gliding Patio Doors, 1978-1981



IMPORTANT

Read all instructions carefully before attempting this procedure. If you have any questions about your ability to complete this procedure, call Andersen at 1-888-888-7020 for further direction. Andersen WindowCare® service center hours are Monday through Friday, 7 a.m. to 7 p.m. Central Time and Saturday, 8 a.m. to 4 p.m. Central Time. Thank you for choosing Andersen® products.

Important Safety, Assembly, and Installation Information

Every assembly and installation is different (windloads, structural support, etc.), and Andersen strongly recommends consultation with an Andersen supplier or an experienced contractor, architect, or structural engineer prior to the assembly and installation of any Andersen product. Andersen has no responsibility in regard to the post-manufactured assembly and installation of Andersen products.

⚠ WARNING

Use of ladders and/or scaffolding and working at elevated levels may be hazardous. Follow equipment manufacturer's instructions for safe operation. Use extreme caution when working around window and door openings. Falling from opening may result in personal injury or death.

⚠ WARNING

Improper use of hand or power tools could result in personal injury and/or product damage. Follow equipment manufacturer's instructions for safe operation. Always wear safety glasses.

⚠ WARNING

Weight of window and door unit(s) and accessories will vary. Use a reasonable number of people with sufficient strength to lift, carry, and install window and door unit(s) and accessories. Always use appropriate lifting techniques.

Parts Included

- (1) Installation Guide (Frame and Interlock Weatherstrip Replacement)
- (1) Installation Guide (Frame Assembly and Installation)
- (1) Head Installation Flange
- (2) Side Installation Flanges
- (1) Sill
- (1) Head Jamb
- (1) Left Side Jamb
- (1) Right Side Jamb
- (1) Head Flashing
- (1) Silicone Sealant
- (1) Screw Pack
- (1) Stationary Panel Interlock Weatherstrip
- (1) Operating Panel Interlock Weatherstrip
- (1) Head Bracket
- (1) Screen Latch

Tools & Supplies

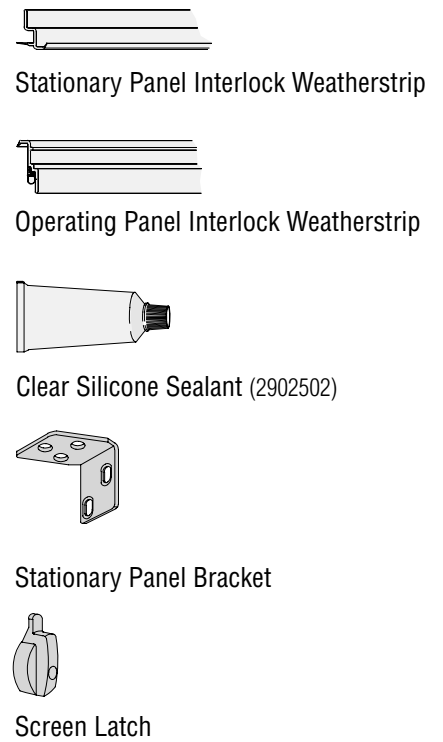
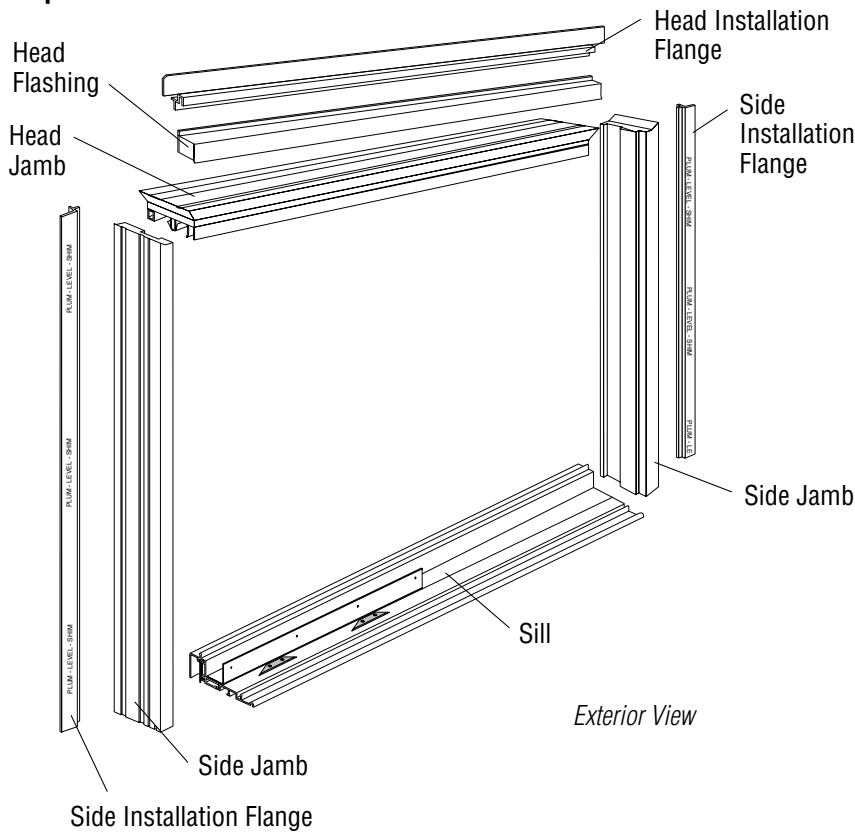
- Safety Glasses
- Carpenters Level
- Phillips Screwdriver
- Flathead Screwdriver
- Caulk Gun
- Silicone Sealant
- Clamps
- Shims
- Small Wood Blocks
- Hammer
- Drill
- 1/16" Drill Bit
- Pry Bar
- Putty Knife
- 2" x 4"

Optional Accessories

- Corrosion Resistant Screw Kit
- Insect Screen
- Sill Support
- Exterior Keyed Lock
- Auxiliary Sill Lock
- Interior/Exterior Grilles
- Oak Threshold

Frame and Interlock Weatherstrip Replacement Guide

Component Identification

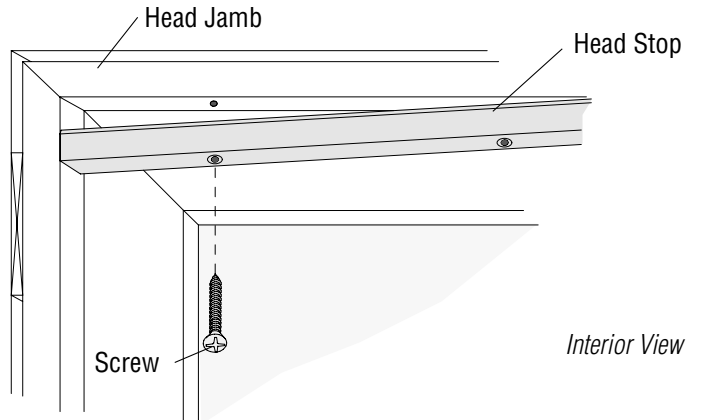


1. Remove Head Stop

⚠ WARNING

Support Operating Panel in frame at all times while Head Stop is being removed and until Operating Panel is removed from frame. Failure to support panel could result in panel falling out causing personal injury, property damage and/or product damage.

- Remove screws holding *Head Stop* to *Head Jamb*. Save screws for use when reinstalling *Operating Panel*.

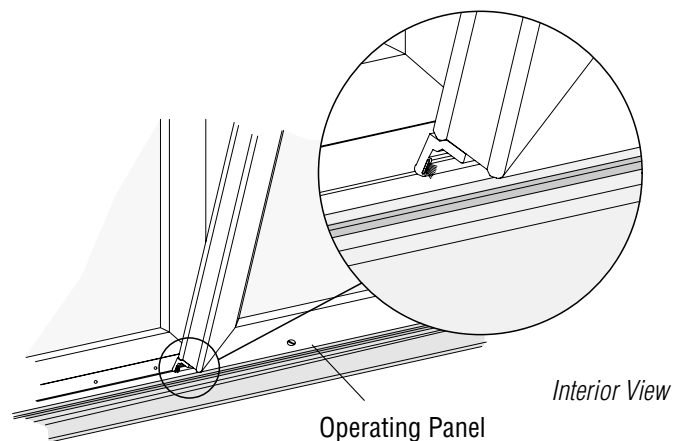


2. Remove Operating Panel

⚠ WARNING

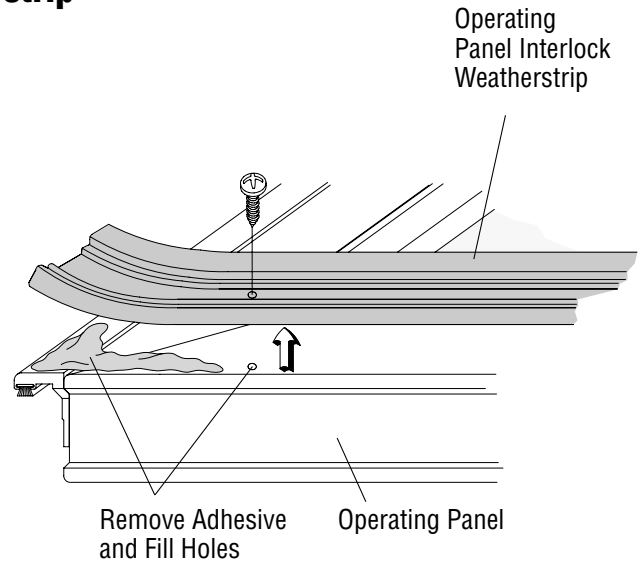
Weight of door panels will vary. Use a reasonable number of people with sufficient strength to lift, move and carry door panels. Always use appropriate lifting techniques.

- Lift *Operating Panel* out of frame from interior, tilting top of panel back slightly before lifting out.
- Place *Operating Panel*, exterior side up, on a clean flat work surface.



3. Remove Old Operating Panel Interlock Weatherstrip

- Remove screws holding *Operating Panel Interlock Weatherstrip* to *Operating Panel*.
- Remove old *Operating Panel Interlock Weatherstrip*, from *Operating Panel*. If necessary, use pry bar to gently lift *Operating Panel Interlock Weatherstrip* and free old adhesive holding *Operating Panel Interlock Weatherstrip* to bottom of *Operating Panel*.
- Remove old adhesive from bottom of *Operating Panel* using putty knife. Clean entire surface where *Operating Panel Interlock Weatherstrip* was attached to the *Operating Panel*.
- Fill holes in *Operating Panel* using silicone sealant and tool smooth.



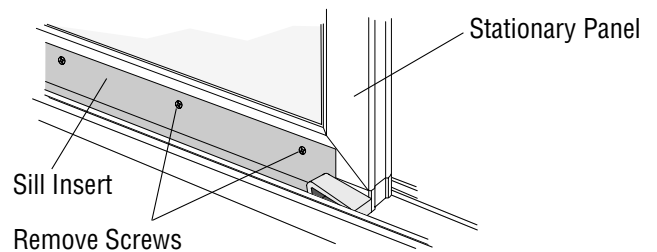
Exterior Side Up

4. Remove Stationary Panel

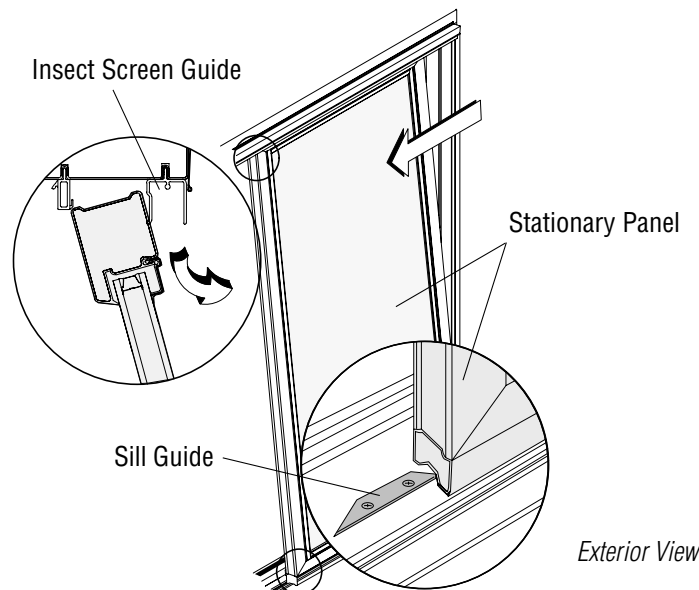
⚠ WARNING

Weight of door panels will vary. Use a reasonable number of people with sufficient strength to lift, move and carry door panels. Always use appropriate lifting techniques.

- Remove and retain screws holding *Stationary Panel* to *Sill Insert*.
- Slide *Stationary Panel* out of frame pocket.
- Using both hands, lift and tilt *Stationary Panel* out of frame.
- Place *Stationary Panel*, interior side up, on a clean flat work surface.



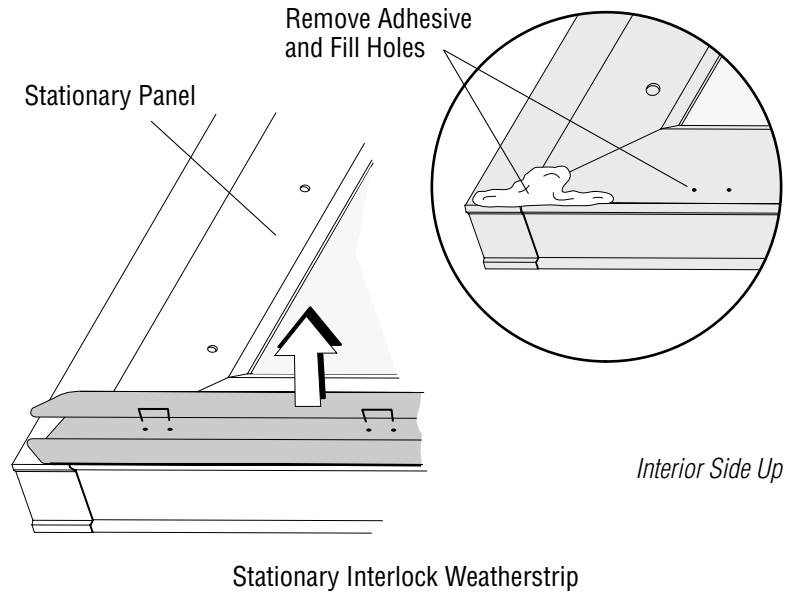
Interior View



Exterior View

5. Remove Old Stationary Panel Interlock Weatherstrip

- Remove staples holding *Stationary Panel Interlock Weatherstrip* to *Stationary Panel*.
- Remove old *Stationary Panel Interlock Weatherstrip* from interior edge of *Stationary Panel*. If necessary, use pry bar to gently lift *Stationary Panel Interlock Weatherstrip* and old adhesive holding *Stationary Panel Interlock Weatherstrip* to bottom of *Stationary Panel*.
- Remove old adhesive from bottom of *Stationary Panel* using putty knife. Clean entire surface where *Stationary Panel Interlock Weatherstrip* was attached to the *Stationary Panel*.
- Fill holes with silicone and wipe smooth.



Before proceeding to Step 6, replacement frame must be assembled and installed. Frame assembly and installation instructions are not included in this guide. Refer to frame assembly and installation instructions included in kit and follow instructions for standard Perma-Shield® Gliding Patio Door products.

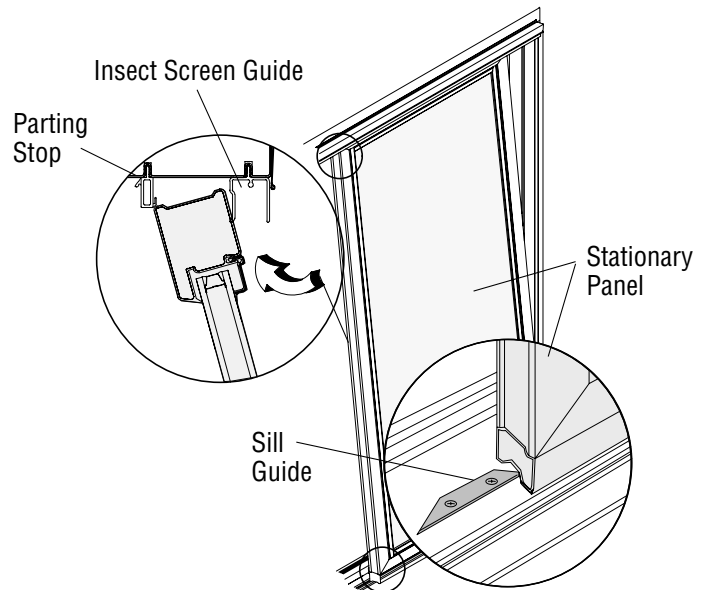
Return to this instruction guide after frame is installed.

6. Install Stationary Panel

⚠ WARNING

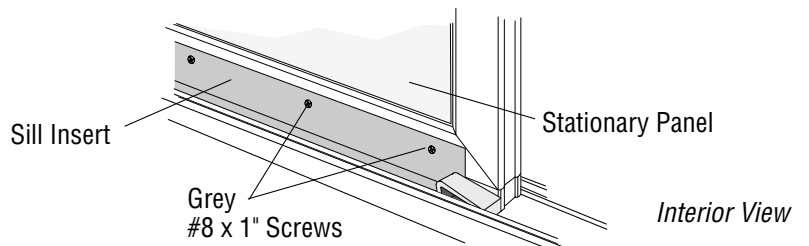
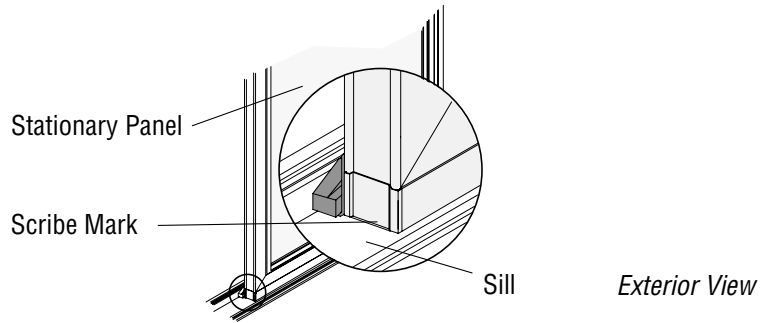
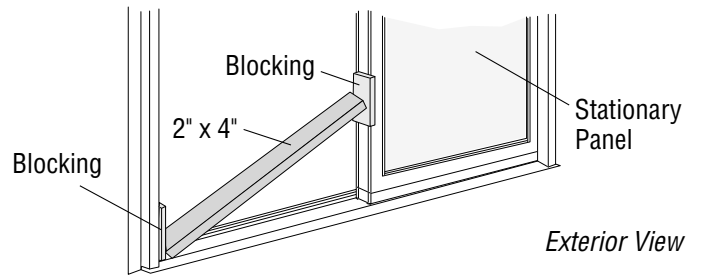
Weight of door panels will vary. Use a reasonable number of people with sufficient strength to lift, move and carry door panels. Always use appropriate lifting techniques.

- From the exterior, lift the *Stationary Panel* and insert top between *Insect Screen Guide* and *Parting Stop* into operating side of frame.
- Set bottom of *Stationary Panel* onto *Sill* and slide sideways, over *Sill Guide* toward *Stationary Side Jamb*.



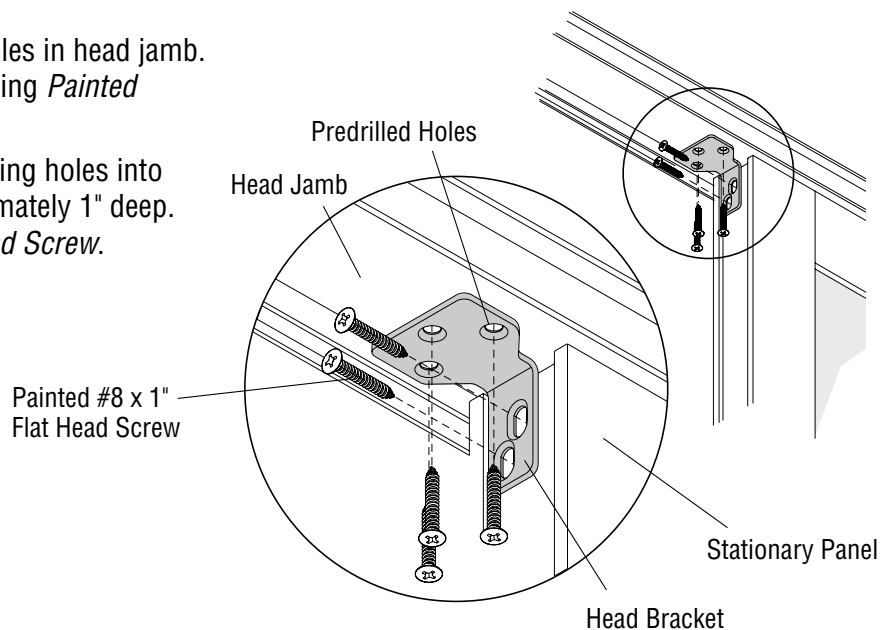
7. Install Stationary Panel

- Place a 2" x 4" wedge into opening to force *Stationary Panel* into *Stationary Side Jamb*. Use wood blocking at each end of wedge to protect unit.
- Check position of *Stationary Panel* by aligning with scribe mark on *Sill*.
- Drill 1/16" diameter holes, 3/8" deep, into *Stationary Panel*, using holes in stationary *Sill Insert* as a guide.
- Fasten using *Grey #8 X 1" Screws*.



8. Fasten Head Bracket

- Align *Head Bracket* with predrilled holes in head jamb. Fasten *Head Bracket* to head jamb using *Painted #8 x 1" Flat Head Screws*.
- Drill 1/16" pilot holes through remaining holes into *Stationary Panel*. Drill holes approximately 1" deep. Fasten using *#8 x 1" Colored Flat Head Screw*.

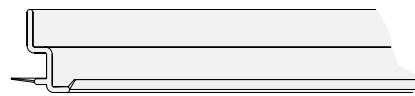
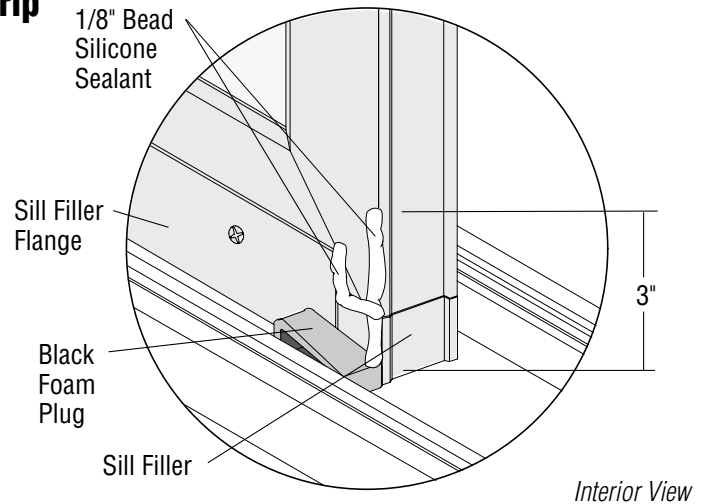


9. Attach Stationary Panel Interlock Weatherstrip

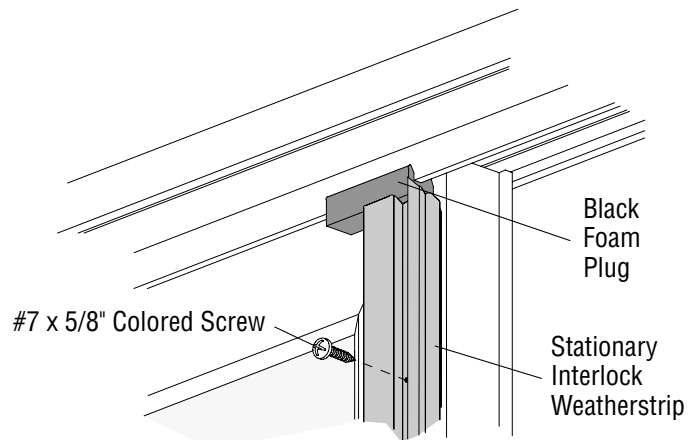
CAUTION

Interlock Weatherstrip must contact Black Foam Plug at top of unit and Black Foam Plug on bottom of unit to achieve a weathertight seal. Failure to do so may result in water infiltration and product or property damage.

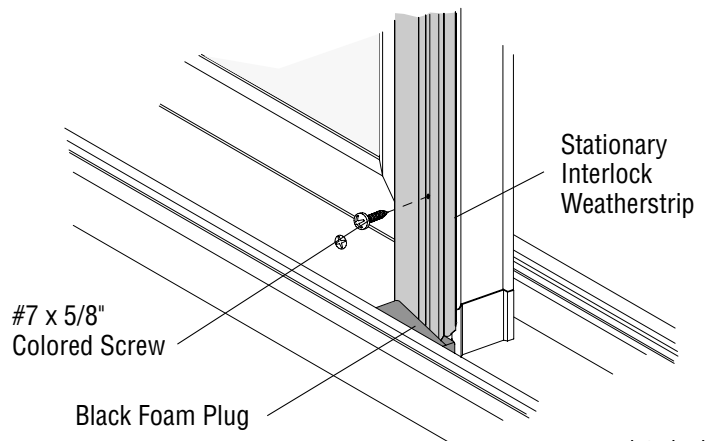
- Apply a 1/8" bead of *Silicone Sealant*, 3" long up the vertical edge of *Stationary Panel*, starting at bottom edge of the panel.
- Apply a 1/8" bead of *Silicone Sealant* to end of *Sill Filler* between *Sill Filler Flange* and *Stationary Panel* to prevent water infiltration.
- Position *Stationary Interlock Weatherstrip* on the interior edge of *Stationary Panel* as shown. Ends of *Stationary Interlock Weatherstrip* must be in contact with black *Foam Plugs* located at the *Head* and *Sill*.
- Hold *Stationary Interlock Weatherstrip* tight to *Stationary Panel* edge and drill 1/16" pilot holes through existing holes into *Stationary Panel*. Drill holes approximately 3/8" deep.
- Fasten *Stationary Interlock Weatherstrip* to *Stationary Panel* using #7 x 5/8" *Colored Screws* provided.



Stationary Panel Interlock Weatherstrip



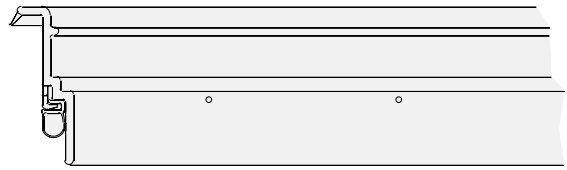
Interior View



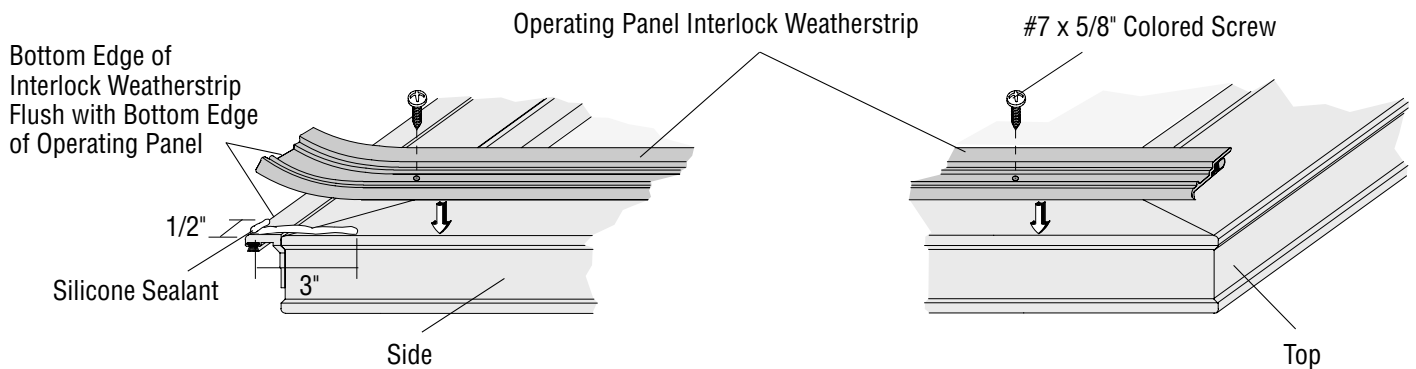
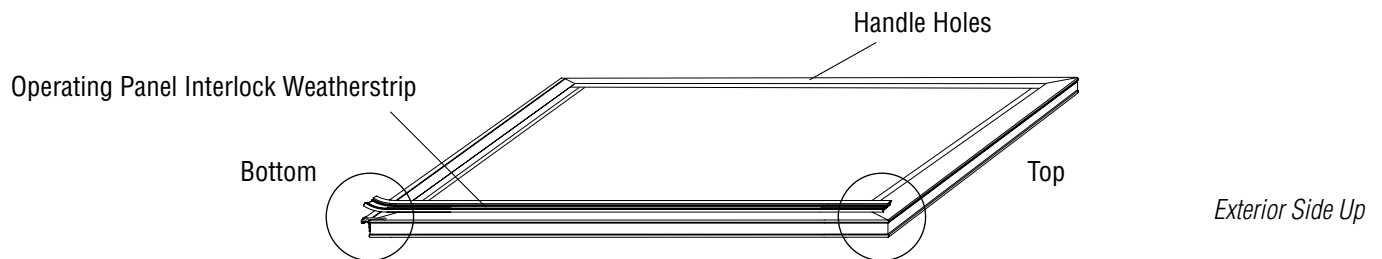
Interior View

10. Attach Operating Panel Interlock Weatherstrip

- Place *Operating Panel* exterior side up on a clean flat work surface.
- Apply a 1/8" bead of *Silicone Sealant* 3" up vertical edge of panel and 1/2" across bottom edge of panel, opposite side of handle holes.
- Position *Operating Panel Interlock Weatherstrip* on the exterior edge of *Operating Panel*, opposite the side with handle holes and flush with bottom edge of door.
- Hold *Operating Panel Interlock Weatherstrip* firmly in place and drill 1/16" pilot holes through prepunched holes into *Operating Panel*. Drill holes 3/8" deep.
- Fasten *Operating Panel Interlock Weatherstrip* with *#7 x 5/8" Colored Screws* provided.



Operating Panel Interlock Weatherstrip



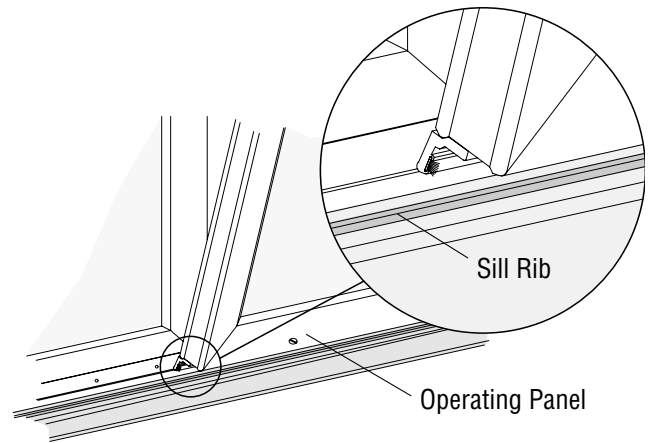
11. Install Operating Panel

⚠ WARNING

Weight of door panels will vary. Use a reasonable number of people with sufficient strength to lift, move and carry door panels. Always use appropriate lifting techniques.

⚠ WARNING

Support Operating Panel in frame at all times until Head Stop is attached in Step 12. Failure to do so could result in the panel falling out causing personal injury, property damage and/or product damage.

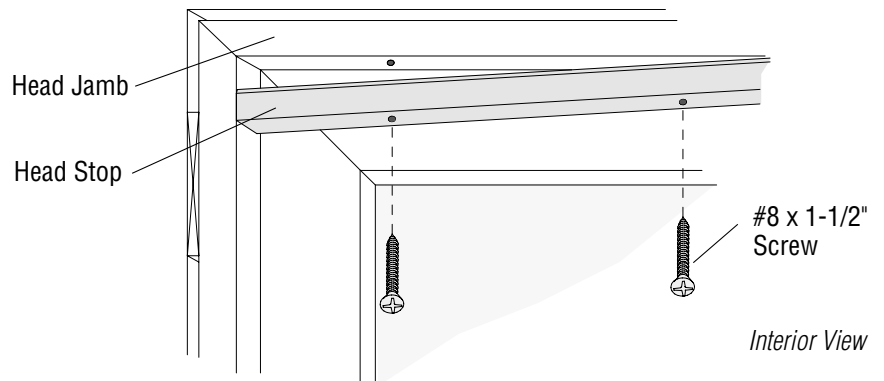


Interior View

- Lift *Operating Panel* into frame from the interior and position Rollers on top of the *Sill Rib*. Tip top of *Operating Panel* in, slide panel closed, and hold in position.

12. Reattach Head Stop

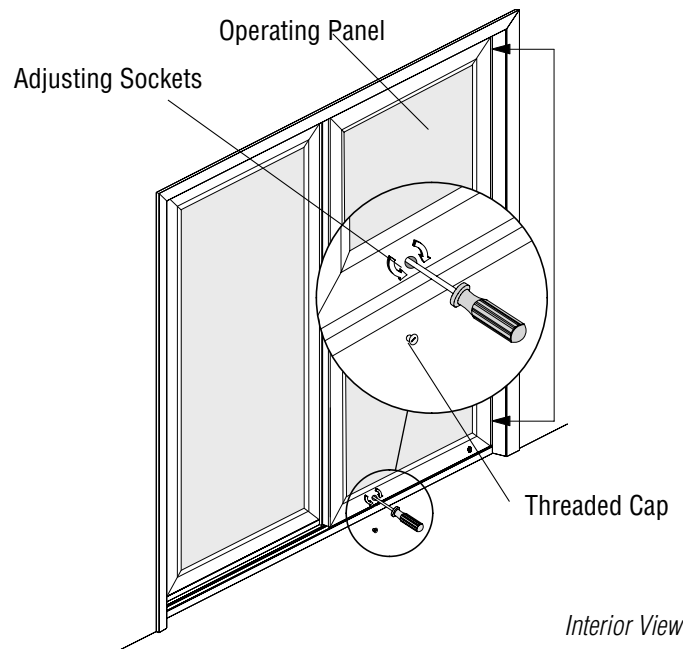
- Position *Head Stop* on *Head Jamb*.
- Fasten *Head Stop* with previously removed screws. **DO NOT** overtighten screws.



Interior View

13. Adjust Panel, Lock and Latch if Required

- Slide *Operating Panel* open until a narrow gap exists between *Operating Panel* and *Side Jamb*. The narrow gap should be equal from top to bottom.
- If gap is not equal, remove the (2) *Threaded Caps* located on *Bottom Rail* of *Operating Panel* using a large flat head screwdriver.
- Adjust rollers by inserting a screwdriver into *Adjusting Sockets*, turning clockwise to raise panel or counterclockwise to lower panel.
- Replace caps when adjustment is complete.



Interior View