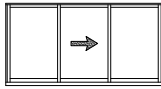


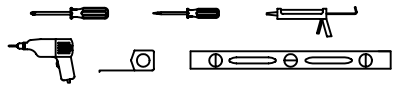
O X-O

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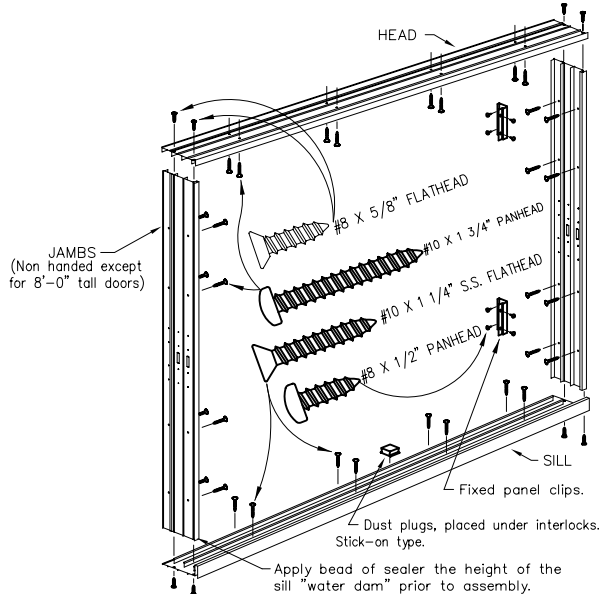


3-Panel Sliding Glass Door Installation Instructions

TOOLS REQUIRED:



- PHILLIPS & SMALL FLAT SCREWDRIVERS
- SEALER & CAULK GUN
- ELECTRIC DRILL / SCREWGUN
- TAPE MEASURE
- LEVEL
- TAPERED WOOD SHIMS
- NAILS FOR OPTIONAL NAILING FIN (CERTAIN APPLICATIONS)
- #8 COLLARLESS MASONRY ANCHORS (CERTAIN APPLICATIONS)



Caution: Before you begin, compare the overall dimensions of the frame to the rough opening. Make sure the opening is square and plumb and that there is adequate clearance (approx. 1/4" all around) for leveling and shimming.

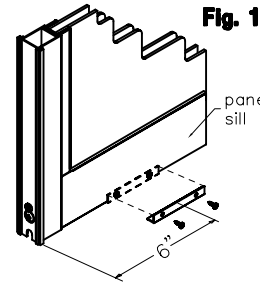
1. Layout head, jambs and sill and assemble with eight # 8 x 5/8" flathead screws. If optional nail fins are used, slide into grooves prior to assembly. Two people are recommended for assembly.

2. Apply a quality brand of non-hardening sealer such as silicone or solvent based narrow joint seamer (Schnee-Morehead #5504) to all outside corners of the frame, making sure to cover screw heads and all threads at sill.

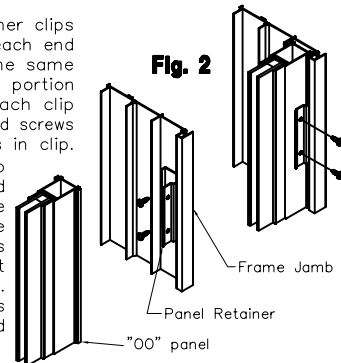
- 3a. FOR APPLICATIONS WHERE THE SILL WILL BE SCREWED DOWN, drill out the pre-formed countersinks in the sill. Apply silicone liberally to underside of sill, full length. Place frame in opening, (square, level & plumb) and install screws in all mounting holes using shims as required. For concrete slab applications, drill through holes in sill and fasten with collarless anchors. Seal all screw heads in sill.

- 3b. FOR APPLICATIONS WHERE THE SILL WILL BE "MUD" LEVELED, the American Architectural Manufacturers Association (AAMA) advises that aluminum that will be in contact with mortar or plaster should be painted with an alkali resistant paint. Prepare mortar and install frame and fasten as in 3a.

4. Identify your "OO" panel. This panel has no interlocks on either jamb. Weatherstripping is present on both jambs. Determine handing for "OO" panel installation. Standing outside, your "OO" panel will be installed on the side of the opening you wish the operating panel to close toward. Before installing panel, attach one of the 3" long "L" shape clips 6" from the side of the panel that will be toward the center of the opening. The clip is attached with (2) # 6 x 3/8" phillips screws as shown at right in (Fig. 1) to the inside of panel sill. After clip is attached to panel sill, install panel from outside by lifting panel so that panel guide straddles leg on frame head and swinging bottom of panel inward until panel sits on innermost track of frame sill. Adjust panel rollers so that panel jamb is parallel to frame jamb. Slide panel to center of frame.



5. Attach 3" long panel retainer clips to frame jambs 12" from each end of jambs. Attach clip in the same track with "OO" panel. Flat portion of clip to jamb. Attach each clip using (2) # 8 x 1/2" panhead screws through pre-punched holes in clip. Slide "OO" panel toward jamb with retainer clips. Panel should slide as far into jambs as the clips will allow. Using the pre-punched holes in clips as a guide, drill 1/8" pilot holes in "OO" panel jamb. Secure panel to retainer clips using (2) # 8 x 1/2" panhead screws.



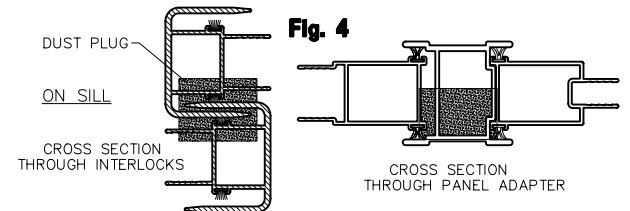
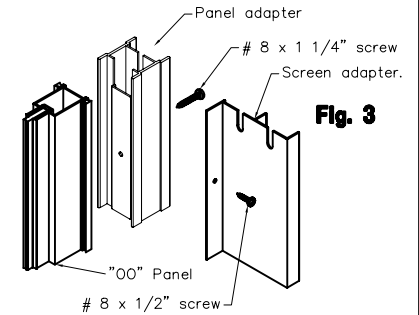
6. Install the "X" (operating panel). The "X" panel is the panel with a handle set on one jamb and interlocks on the other jamb. Before installing, attach 3" long "L" shape clip 6" from interlock on interior of panel sill as you did to "OO" panel in step 4. Attach using (2) # 6 x 3/8" panhead screws. Install panel so that handle is toward "OO" panel. From outside, lift panel so that plastic guide straddles leg on frame head and swing bottom of panel inward until panel sits on innermost track of frame sill. Adjust rollers so that panel jamb is parallel to "OO" panel jamb.

7. Install one 3" long panel retainer clip 12" from each end of frame jamb in center track of jamb that your "O" fixed panel will be located in. Attach clip so that flat portion of clip will be to frame jamb. Attach using (2) # 8 x 1/2" panhead screws per clip as in step 5.

8. Determine orientation of "O" fixed panel. Standing outside, panel will be installed with interlocks toward center of frame so that panel will interlock with "X" operating panel. Before installing, attach 3" long "L" shape clip to interior of panel sill 6" from interlock using (2) # 6 x 3/8" panhead screws as in step 4.

9. Install "O" fixed panel from outside by lifting panel so that guide straddles leg on frame head and swing bottom of panel inward until panel sits on center track of frame sill. Adjust panel rollers so that panel jamb is parallel with frame jamb. Slide panel toward frame jamb so that panel jamb is as far as possible into frame jamb. By using pre-punched holes in retainer clips as a guide, drill 1/8" hole in panel jamb. Attach panel to clips using (2) # 8 x 1/2" panhead screws as you did to "OO" panel.

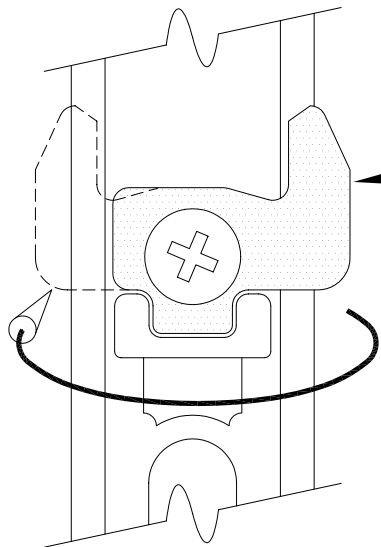
10. Attach panel adapter to "OO" panel. Place adapter over "OO" panel so that fabrication for lock is toward the operating panel. Using pre-punched holes in panel adapter as a guide, drill 1/8" hole in panel jamb taking care not to drill into glass. Attach adapter to panel by using # 8 x 1 1/4" panhead screw through each pre-punched hole. Place screen adapter onto panel adapter with the two legs pointed away from the "OO" panel. By using the pre-punched holes in screen adapter as a guide, drill 1/8" holes in panel adapter. Attach screen adapter to panel adapter using # 8 x 1/2" panhead screws through each pre-punched hole. (See Fig. 3) screen adapter only if ordered with screen.



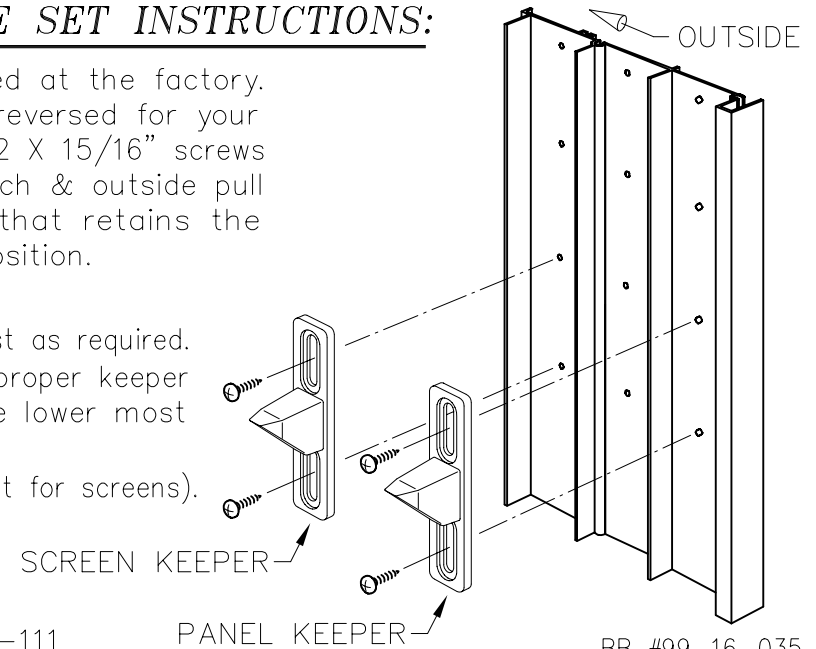
11. Install stick-on dust plugs at each end of panel interlocks and panel adapter as shown in Fig. 4.
12. Install locking hardware as per separate instruction sheet. Check operation; adjust rollers if necessary.

(over)

#99-04-145 (White) & 99-04-146 (Black) HANDLE SET INSTRUCTIONS:



- 1) The inside lock and outside pull are installed at the factory. The handing of the latch may need to be reversed for your application. To reverse, remove the two #10-32 X 15/16" screws on the inside of the handle. Remove the latch & outside pull from the panel stile. Remove the screw that retains the latch pawl and switch it to the opposite position.
 - 2) Re-assemble in reverse order.
 - 3) Install keepers with #8 X 5/8" screws and adjust as required. (Some roller adjustment may be required for proper keeper adjustment. Roller adjustment screws are the lower most screws at the bottom of the panel.)
- An optional inside wood pull handle is available (not for screens).
 - Specify 99-04-116 for white,
 - or 99-04-112 for black.(Longer #10-24 X 1 w " screws will be included.)
 - An optional key lock is available; specify 99-04-111



* AAMA is the American Architectural Manufacturers Assoc. This product is tested and certified to AAMA specifications.

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