

6000 Series Sliding Glass Door Assembly Instructions

For all 6000 Series 2-Door 2-Track units up to 4-Door 4-Track units with and without pockets

(Reference Eastern Architectural Systems drawing A-0036 sheets 1 - 7)

1.0 Frame Assembly

- 1.1 Open up the frame pack and lay the head, sill and jambs (if applicable) out on a flat surface in their correct position in relationship to each frame part. (see sht. 1 of drawing for part identification)
- 1.2 If installing a single pocket unit there will be only one jamb. If installing a double pocket unit there will be no jambs.
- 1.3 Apply a generous bead of silicone to each cut end jambs (if applicable) (see sht. 1 of drawing).
- 1.4 Apply a generous bead of silicone to the face of the sill riser where the jamb will make contact (see sht. 1 of drawing).
- 1.5 Apply a generous bead of silicone to the sill where the jamb will sit on it (see sht. 1 of drawing).
- 1.6 Slide head, sill and jambs together. Wipe excess silicone from track side of joints completely sealing the jamb to the head and sill.
- 1.7 Feather silicone up the back side of the jamb to create a water tight seal at the jamb and sill (see sht. 1 of drawing).
- 1.8 Assemble frame with #8 x 1" PPH Screws (2 per corner). Screws go from head down into jamb and from sill up into jamb.

2.0 Frame Installation of Bypass unit without pocket

- 2.1 If you are installing a unit with single or double pocket skip section 2 and proceed with section 3.
- 2.2 Check opening dimensions and verify that it is the correct size to accommodate the frame. Make corrections as needed to ensure that the frame can be installed level and plumb.
- 2.3 If installing into a framed wood opening, ensure the opening's sill is properly flashed and waterproofed per building code. Apply generous amount of silicone to the bottom of the sill, to include covering the installation holes. When the frame is set into the sill recess, silicone should squeeze up through the installation holes. When the sill is fastened down wipe off the excess silicone. Re-caulk any fasteners as needed. When setting frame in a masonry recess a non-shrink grout or other approved mortar should be used to level the sill and determine its riser height in relation to the interior's finished floor height. After the mortar bed is sufficiently set, attach with approved fasteners to achieve proper imbedment to the structure. Lastly, backfill any voids between the riser and the recess with grout or mortar.
- 2.4 Install the frame into the opening per industry standards, Florida Building Code Standards and applicable Installation Instructions from Eastern Architectural Systems. See Florida Product Approval Number FL 14605 or call Eastern Architectural Systems to obtain applicable Installation Instructions.
- 2.5 After frame is installed seal all installation fastener heads in the sill and jambs with approved sealant. Exterior perimeter of the frame and structure interface may be caulked with an approved sealant if desired.

3.0 Frame Installation of Bypass unit with pocket

- 3.1 If you are installing a unit without a pocket skip section 3 and proceed with section 4.
- 3.2 Check opening dimensions and verify that it is the correct size to accommodate the frame. Make corrections as needed to ensure that the frame can be installed level and plumb.
- 3.3 If installing into a framed wood opening, ensure the opening's sill is properly flashed and waterproofed per building code. Apply generous amount of silicone to the bottom of the sill, to include covering the installation holes. When the frame is set into the sill recess, silicone should squeeze up through the installation holes. When the sill is fastened down wipe off the excess silicone. Re-caulk any fasteners as needed. When setting frame in a masonry recess a non-shrink grout or other approved mortar should be used to level the sill and determine its riser height in relation to the interior's finished floor height. After the mortar bed is sufficiently set, attach with approved fasteners to achieve proper embedment to the structure. Lastly, backfill any voids between the riser and the recess with grout or mortar.
- 3.4 Make sure pocket wall is plumb and square to the opening. Verify that the wall is in the correct location for the hook strip.
- 3.5 Install the hook strip drywall receptor (see sht. 2 of drawing) to the pocket wall face. Use one fastener at the top, one in the middle and one at the bottom to tack the receptor in place. Shim receiver as needed to insure it is plumb and straight.
- 3.6 Notch the top end of the hook strip ("P-hook") to accommodate frame head and the bottom end of the hook strip to accommodate the sill riser (if there is an add on riser, install it now with a bead of silicone). If the unit is a double pocket unit, repeat steps 3.4 through 3.6. See sheet 2 of drawing for notching instructions.

- 3.7 Temporarily tack the hook strip interlock to the receptor with a single fastener. It will need adjusting once the door panels are loaded into the track and their final adjustments are made. **Be sure to read all notes on sheet 2 before proceeding with hook strip installation.**
- 3.8 Using the tacked hook strip as a guide, butt the back of the sill riser against the hook strip, and the frame header against the hook strip. Make sure they are seated in their corresponding notches. See sheet 2 of drawing for frame alignment and offset to hook strip and pocket wall face.
- 3.9 Loosely tack the frame head near the hook strip and again at the jamb side of the header, measuring and verifying level, header (tie beam or lintel) height and plumb.
 - 3.9.1 Install frame into opening per industry standards, Florida Building Code Standards and applicable Installation Instructions from Eastern Architectural Systems. See Florida Product Approval Number FL 14605.9 or FL 14605.10 or call Eastern Architectural Systems to obtain applicable Installation Instructions.
 - 3.9.2 It is recommended that a laser level is used when installing taller, single pocket units with a jamb, or a unit with double pockets to insure that the head and sill maintain their proper alignment with each other. Otherwise, simply measure the header and jamb's interior returns to achieve a consistent and plumb finish of the frame within the opening.
- 3.10 After frame is installed seal all installation fastener heads in the sill and jambs, if applicable, with approved sealant.

4.0 Panel Installation

- 4.1 Install all panels by holding the panel upright and inserting the head of the panel into the frame header. Make sure you lift it all the way until it bottoms out in the frame head, then swing the bottom into position over the corresponding "t-rail" then carefully resting it on the track sill. Start with the primary panel located on the interior most track and work out. If installing panels in a pocket door opening, the "P-hook" panel is installed first, working out.
- 4.2 Using a #2 Phillips head screwdriver, lower the rollers enough to allow the panels to roll freely. **Do not slide panel bottom over tracks until they are adjusted enough to roll freely.** This could damage the wheels and will damage the "t-rail" of the track sill.
- 4.3 Install door pulls, thumb latches and keepers.

5.0 Panel Adjustment and Fuzzy Weather Strip Pad installation

- 5.1 Once all panels are installed start with the locking (primary) panel and adjust the rollers until panel is plumb with the jamb and the reveal is good. **Do not adjust the rollers with a screw gun, only use a hand screw driver with a #2 Phillips head tip. Always lift the end of the panel that you are adjusting to take the load off the rollers while adjusting. Failure to do so can result in stripping the adjustment screw.**
- 5.2 Repeat the adjustment procedure for each panel in the stack.
- 5.3 Adjust locks and keepers on all locking panels to insure units lock correctly.
- 5.4 For pocket door units, after all panels are adjusted, set the final P-hook position with the appropriate fasteners per engineering.
- 5.5 With doors in the closed and locked position mark the head track and sill track with a pencil at the center of each interlock meeting condition. Unlock and open doors to expose the area at the interlock meeting condition. In between the tracks at the center point of the interlock meeting condition clean the head track and sill track with rubbing alcohol to remove dirt and oils. Peel the backing off of the pad and apply it to the cleaned area with the fin orientation same as panel rolling direction. Push firmly on the pad and hold it for 20 seconds to bond it in place. Slide panels back over the pad and repeat at all interlock meeting conditions. (see sht. 4 of drawing)

6.0 Fixed Panels

- 6.1 Fixed panels reside on the exterior track. Before loading fixed panel into frame attach the two jamb clips to the jamb, spaced 6" down from header and 6" up from sill with (1) each #8 x 1/2" PPH Tek screw (see sht. 4 of drawing). The 2" face of the clips will be to the interior of the opening. Load the fixed panel and slide it all the way into the jamb. Attach the jamb clip to the face of the interior face of the fixed panel with (1) each clip #8 x 1/2" PPH Tek screw (see sht. 5 of drawing). Install the Fixed Panel Head Clip (see sht. 6 of drawing) to the frame head only with (2) #8 x 1" PPH Tek screws. At the sill back the panel assembly screw out and attach the sill clip to the back face of the panel with the panel assembly screw (see sht. 7 of drawing). The sill clip is attached through the sill into the floor with the same installation screws used to attach the sill to the floor (2) per clip. Ensure that all panels are fully adjusted prior to locking-down the fixed panel with the sill installation anchors.

7.0 Final Installation

- 7.1 If your unit has an additional add-on sill riser install it at this time. Secure with a bead of silicone.

- 7.2 **Units with pockets only.** Install panel bumpers at this time. One bumper is supplied for each panel excluding the lead panel, i.e. 3Door 3Track Right Pocket would get three bumpers, two bumpers one each for second and third panels and one bumper for the track sill in the pocket (see sht. 3 of drawing).
- 7.3 **Units without pockets only.** Install panel bumpers at this time. One bumper is supplied for each panel excluding the lead panel, i.e. 3Door 3Track would get two bumpers, one each for second and third panels (see sht. 3 of drawing).
- 7.4 If your unit has screens load them into the frame at this time. Adjust with #2 Phillips head screwdriver for proper operation.