



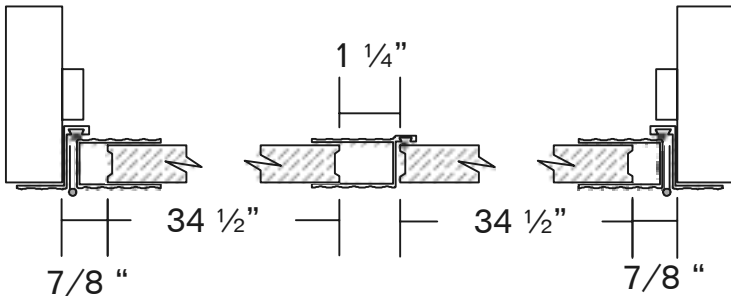
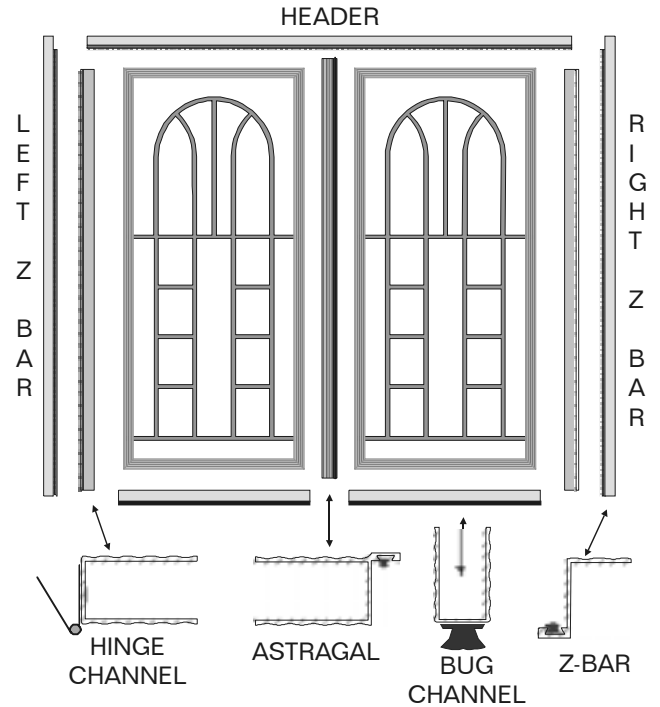
Double Screen Door Installation Instructions

Tools Needed

- Measuring Tape
- Hack Saw or Chop Saw
- Cordless Drill / Screw Gun
- # 2 Philips screw driver bit
- 1/4" drill bit
- 1/8" drill bit

Components

- 2 Screen Doors
- 2 Z-Bars, Left & Right
- 1 Header Z-Bar
- 2 Piano Hinge & Channels
- 1 Astragal with 2 Flush Bolts
- 2 Bug Channels
- 36 # 8 x 1" Philips self tapping screws
- 36 # 8 x 1/2" Philips self tapping screws
- Hydraulic closure tube & Handel kit



For a double door set up we deduct 3" from the daylight opening.

A 72" opening = each door 34 1/2" Tip - Tip
 Add your 2 doors plus 3" this should be your daylight opening

$$34 \frac{1}{2} + 34 \frac{1}{2} = 69$$

$$7/8 + 1 \frac{1}{4} + 7/8 = 3$$

$$69 + 3 = 72$$

1) **Z - Bars:** the left & right z-bars are notched for ease of installation. Measure the inside of each side of the opening, then mark the bottom of the z-bars measuring from where notched (fig.1) and cut. Fasten in place with two (2) # 8 x 1" screws in each for the present. (you may need to adjust them later.)

2) **Header:** measure from z-bar to z-bar, cut the header & then fasten in place.

3) **Hinge:** to install measure from the header to the floor, deduct 2 1/2", then cut the hinge off at the bottom. (2 1/2" will allow the bug channel to fit up under the hinge Fig. 2)

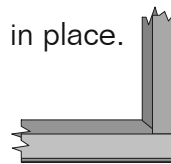


Fig. 2

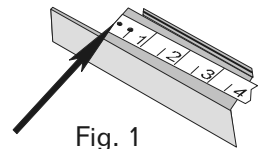


Fig. 1

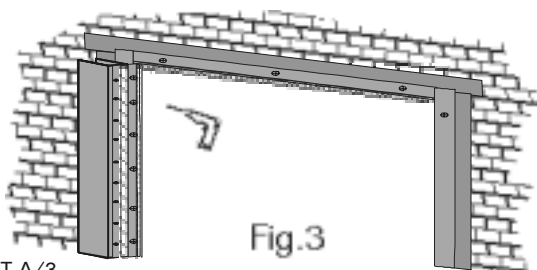
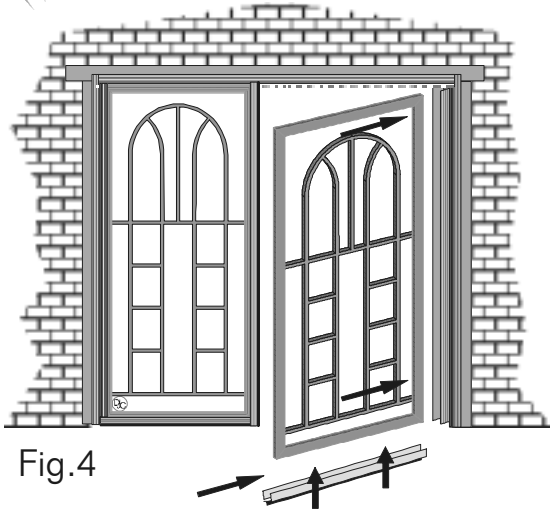
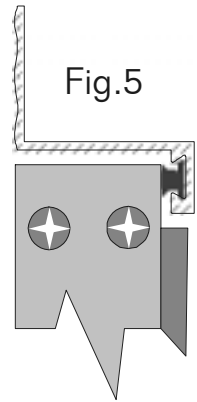


Fig.3

Fasten the hinge 1/8" - 3/16" down from the header approximately 3/16" from the felt with 2 #8 x 1" Use the slotted holes at the top and bottom, then adjust the hinge to close against the felt without binding. Fasten off rest of hinge screws. (fig.3)



4) **Doors:** fit into the hinge channels (*Screen to inside on all Suntech Doors*) (fig.4) position doors to give a 1/8" - 3/16" reveal along header and a 1 1/4" space between doors. Screw a #8 x 1/2" screw near the top and bottom of the hinge channels. Recheck the reveal (it may be necessary to adjust z-bar, header or door if the door frame of the house is out-of-square.)



5) **Astragal:** measure from header to floor deduct 1/8" then cut off bottom. Notch felt lip at top (Fig 5) of astragal to fit under header. Install flush bolts then fit astragal onto stationary door, adjust to give an even reveal between active door & astragal. Fasten off screws 5 # 8 x 1/2" on each side of astragal. With door in closed position move flush bolt lever & mark where to drill 1/4" hole to accept flush bolt pin. Drill hole check to make sure flush bolt moves without binding.

5) **Bug Channels:** with the doors closed measure from the edge of the active door to the z-bar & from astragal to z-bar on stationary door. Cut the bug channels, and then slide onto the bottom of the doors. (fig.3) lift up to meet the hinge channel and adjust other end. Fasten to doors with 3 #8 x 1/2" screws on both sides of doors.

6) **Hardware: Latch** locate it where it will not interfere with the door knob, dead-bolt, spreader bar, etc. Using template (fig.4) drill 3 1/4" holes thru door frame on the center rib, assemble latch (fig.5) & mount on door. The latch will latch onto the astragal.

Hydraulic closure tube: locate a position on the spreader bar, kick bar or door frame to mount closure tube. Line up jamb bracket with open side towards z-bar on house jamb, fasten with screws provided. (fig.6) place hold open clip on shaft against lugs to set closure with correct tension for installation, insert shaft into jamb bracket with pin. Attach door bracket on other end, position on door & screw bracket to door. Release hold open clip. Check for closing speed & rotate barrel to adjust if necessary.

