



Screen Door Installation Instructions

Tools Needed

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

Components

- Screen Door
- Left & Right Z-Bars 83" each
- Header Z-Bar 42"
- Piano Hinge & Channel 82 1/2"
- Bug Channel 38 1/2"
- 18 # 8 x 1" Philips self tapping screws
- 18 # 8 x 1/2" Philips self tapping screws
- Hydraulic closure tube & Handel kit

1) 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 off. Fasten in place leaving 1/16" space for header with two (2) # 8 x 1" screws in each for the present. (you may need to adjust them later.)

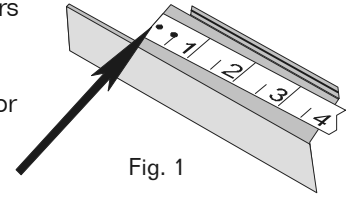


Fig. 1

2) Measure from z-bar to z-bar, cut header and then fasten in place.

3) Measure from header to floor on hinge side. Deduct 2 1/2", then cut hinge off at the bottom. (2 1/2" will allow the bug channel to fit up under the hinge so the bug channel will fit from z-bar to z-bar.) Fasten the hinge 1/8" - 3/16" down from the header - approximately 3/16" from the felt. Use slotted holes at top and bottom, then adjust hinge to close against the felt without binding. Fasten off rest of hinge screws. (fig.2)

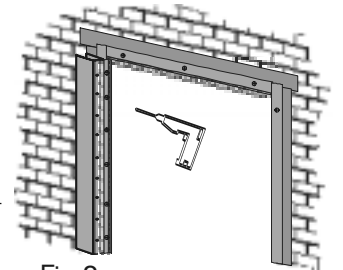


Fig.2

4) Fit door into the hinge channel (Screen to inside on all Suntech Doors) (fig.3) position door in place and adjust to give 1/8" - 3/16" reveal along header and side jamb. Screw a #8 x 1/2" screw near the top and bottom of the hinge channel. 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.) fasten off hinge and z-bars.

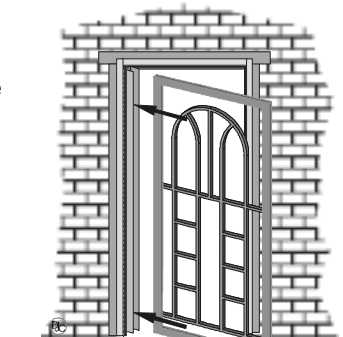
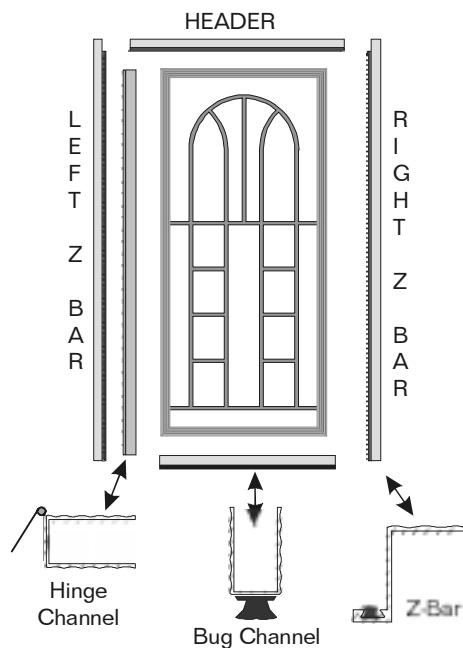


Fig.3

5) With the door closed measure from the edge of the door to the z-bar on the hinge side. Cut bug channel, and then slide onto the bottom of the door. (fig.3) lift up to meet the hinge channel and adjust other end. Fasten to door.

6) Install the hardware, locate the latch 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. Line up & attach keeper on jamb adjust to firmly engage latch.



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.

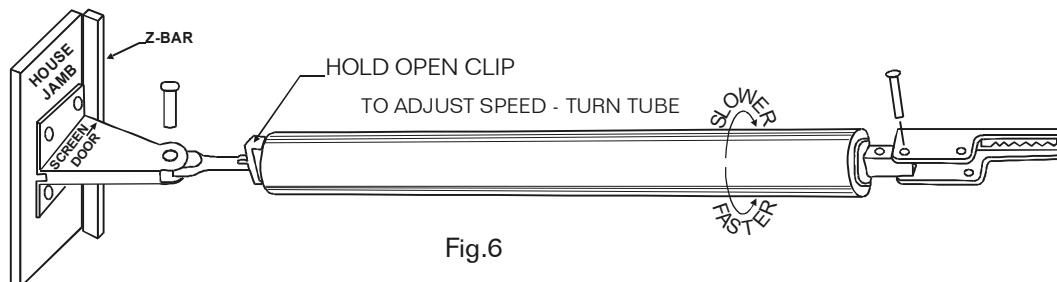


Fig.6

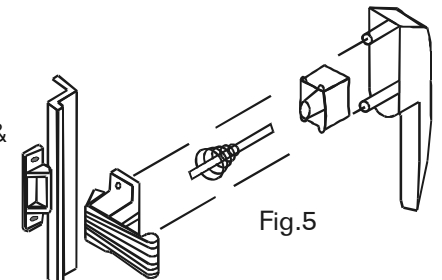


Fig.5

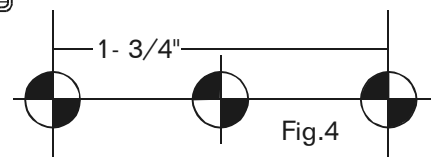


Fig.4