

# SLIDING PATIO SCREEN DOOR ASSEMBLY AND INSTALLATION NOTES

Congratulations on purchasing the highest quality extruded aluminum alloy sliding screen door, manufactured to meet or exceed most OEM standards for durability and longevity!

## Layout and Assembly

Place the parts on a flat surface and assemble the 4 frame sides using the 4 corner pieces. Make sure the spline channels align before seating the side frame rails. If the corner pieces fit too tightly, there may be saw burrs on the inner surface at the edges. A quick touch up using a metal file will usually do the trick.

The wheel assemblies have been pre-installed into the top and bottom frame pieces. Don't worry about which of the pieces are the top and the bottom. They are identical and interchangeable. You also need not worry about which longer piece is the left or right side. Once assembled, the door can be turned so that the handle is on either side.

Put aside the handle assembly and vinyl bug-strip until after the screening material has been installed.

## Installing the Screening Material to Your Sliding Screen Door

NOTE: No matter how strong the door frame is, if you install the fiberglass screening material too tightly, it will bow in both sides.

The following installation method will help to prevent this from happening:

Lay the door on a flat surface and roll in the screen spline on 1 long side. For the opposite side, put your hand in the middle of the screening material, press down, and roll in the spline (keep pressure in the middle until you've finished that side). This will prevent the sides from pulling in. Then you can finish up by inserting the spline into the top and bottom channels.

An alternate method is to use a thin strip of wood, cut to fit between the 2 inside edges of the door sides. The wood will prevent the door from bowing inward.

If you discovered the bowed in sides after the screening material has been trimmed, you'll probably have to visit your local hardware store to purchase a new piece of screening as it won't be wide enough to reuse.

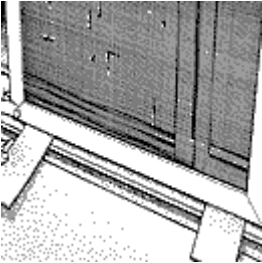
## Handle & Latch Assembly

The handle and latch assembly have been preinstalled. Position the remaining handle half to the frame rail with the 2 supplied screws (screw holes have been pre-drilled).

## Bug Strip

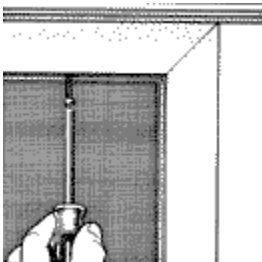
Trim the strip to the desired depth so that it seals tight against the patio door. Use the grooves as a guide line for cutting. The bug strip should not be so tight that it forces the screen to bow outward away from the patio door. Install the bug strip on the side frame rail opposite the handle. Position the strip with the flap facing the inside face of the door. The protruding edge faces the glass patio door.

## Screen Door Installation:



The adjusting screws have been turned nearly all the way in for shipping purposes. Turn them out until all four rollers are loosely protruding from the frame about  $\frac{1}{4}$ ". Start by installing the door in the center of the patio door. Slip the top of the door up into the upper channel and push in the bottom. Get the rollers on top of the screen door onto their track. Then push the door back to the vertical position. Don't force the bottom rollers on to the bottom track. Use a flat screwdriver to gently pry them over and onto their track. Then adjust the rollers to raise the door. Adjust the rollers until the door slides easily on the track.

Another way to keep the rollers up in place until they are positioned over the tracks is to lay a couple of thin pieces of cardboard or shingle tips over the tracks at the roller locations. Hold the door with the wheels over the tracks and slip out the shims one at a time.



### Final Roller Adjustments:

The rollers can be adjusted at the top and the bottom. Turn the adjustment screws in or back them out to raise and lower the screen door until the door frame is up off the track, the door slides smoothly, and the door side meets the doorjamb evenly.

## Door Catch

Mount the catch to align with the door lock, so that when pressing down on the sliding thumb piece, the metal catch of the lock assembly will slide down and over the catch.

**Enjoy your new screen door!**

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