

Tools you will need:

Drill
Phillips headed screwdriver
Needle-nosed pliers (optional)

Flat headed screwdriver
Screen spline roller (handy but not necessary)

Step 4: If the pet door has not already been factory modified for a certain position, determine which corner of the screen door is to be used for installing the pet door.

Step 5: Remove the screen window or door from its track. The screen door can generally be removed by lifting it upward and swinging the bottom outward. Occasionally the wheels will interfere with removal. In this case, the wheels will need to be lifted upward to clear the track.



Step 6: Lay the screen window or screen door on a flat surface with the screen spline facing upward.

Step 7: Remove the screen spline (the ribbed rubber around the screen) from the installation corner. Needle-nosed pliers



work very well for removing the screen spline or you can also carefully use a screwdriver at the corner to get started. If using a screwdriver, be careful not to cut into the spline or slice into the finish of the door frame. HINT: Only remove the spline



from the corner you will be working on, going a little bit farther than the finished size of the pet door. Leave the spline attached for the moment and just push or fold it out of the way.

Step 8: Slide the pet door over the frame at the corner. Make sure the pet door is adjusted properly and operates smoothly while in position. It should be flush against both the bottom and side edges. If the screen

model was not factory modified, there should be a U-shaped track that slides over the edge

of the door frame. If the screen door is wider than 1/2" and the screen model was factory modified, there should be an L-shaped channel that rests on the top of the frame that allows the pet door to fit flush against the screen door frame. If your frame is wider than 3/4" and your screen mesh fabric and screen spline are on the inside of your screen door, lay this channel on the inside face of the door and the screws will be inserted from the inside. If your frame is wider than 3/4" and your screen mesh and spline are on the outside of your screen door, lay this channel on the outside face of the door and the screws will be inserted from the outside.



NOTE: If there is not enough clearance on the inside frame for the screw heads due to a stationary door or a narrow screen frame, the screen model must be attached from the outside.



Step 9: Drill through the sides and bottom of the inner pet door frame and screen frame with the 7/64" drill provided. Insert the #6 screws with a Phillips screwdriver. Be sure the screws will not interfere with the operation of the screen door.

Step 10: Lay the screen material over the pet door. Pull the screen material taut. To hold the screen fabric around the pet door, insert the screen spline with a flat headed screwdriver or screen spline roller.

NOTE: Depending on the size of your screen door and the pet door you are installing, you may be able to use the excess screen spline that is still attached to your screen door. Simply turn a 90° corner with both sides of the spline and press them into the pet door spline frame track until they meet. If there is not enough excess spline from your screen door or if you do not wish to use it, simply insert the screen spline that came with your pet door.

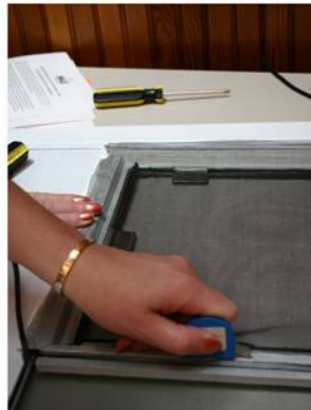


When installing the spline in the corner of the pet door unit, it may be necessary to cut a small diagonal slit up into the screen material in order to relieve the tension on the screen

fabric and allow it to be pulled down into the spline frame track. NOTE: Be careful not to cut too far into your screen fabric or you will have a hole at the corner of your pet door. See the picture to the right for a close up of a correctly installed pet door.



Step 11: Cut away any excess screen spline with a razor blade or scissors. Cut away the excess screen material with a razor blade being careful not to cut into the screen spline or the finish of the pet door. If you are installing a stabilizer bar (see next section), leave some excess screen material at this time. You can trim it later after installing the stabilizer bar kit.



Step 12: Re-install the screen door or screen window.

Step 13: After re-installing the screen into a vertical position, adjust the magnets in the pet door upward or downward if needed. The magnets are pressure fitted and can be adjusted downward by tapping lightly with the handle of your screwdriver. They can be adjusted upward by twisting a flat headed screwdriver below the magnet between the magnet and frame. **Be sure to adjust the magnets upward from the inside of the door so as not to mar the outer door finish.**



Installed Hale Screen Models



Above two units factory modified and screwed into door frame from outside.

TECHNICAL SPECIFICATIONS:

Flaps: Single flap made of flexible 3/16" clear PVC vinyl.

Main Frame: Extruded 6063-T5 aluminum with .063" wall thickness. Straddles the screen frame on outside and bottom. Designed to accept frame thicknesses up to 1/2". Can be factory modified for thicker frames by removing the outside leg.

Spline Frame: Extruded 6063-T5 aluminum with .063" wall thickness. Attached to main frame and is the top and inner side of the pet door.

Alnico5 Magnets: A 1/4" rod magnet 1 1/2" long made from an aluminum, nickel and cobalt alloy known for its strength and durability. Door size determines number of magnets.

Strikes: Made of ferrous stainless steel. 1 1/2" long, 3/4" tall and 1/32" thick. U- shaped with interior prongs, when pressed onto the vinyl flap, the barbed prongs hold firmly.

Weather-stripping: Flap is surrounded by 1/2" nylon pile for maximum insulation. Nylon is woven into a backing 9/32" wide and 1/32" thick.

