

Flying Scot Transom Port

Kit includes:

1 – port with screws

Tools required:

½" drill (one with extra side handle works best)

4 ½" hole saw (you can cut it with a saber saw, but the hole saw is easiest)

60 grit sand paper (tear sheet in half and fold half into thirds)

9/64" drill bit

Countersink (a larger drill bit can be used, but you need to be very careful)

Phillips screwdriver

Pencil or marking pen

Small tape measure

Installation:

Get into the boat and slide under the aft deck on your stomach. Mark a point on the inside of the port transom that is midway between the raised areas of the center rudder glass over plywood and the motor bracket glass over plywood reinforcements. Measure up 5 ¾" from the floor and mark a point where the two lines intersect. Drill a 9/64" hole at this point.

Note - If getting under the aft deck is too difficult, you can mark a point from the outside that is 6 ½" to port of the rudder pin and 4 ¼" above the molded in waterline stripe groove. There is a greater chance that you may expose plywood and you must seal it well if you do.

From the outside of the boat, place the center-drill bit of the hole saw on the 9/64" hole you just drilled and cut the hole. Test the fit of the port and sand if necessary to allow the port to easily fit the hole. Hopefully, by centering the port between the plywood reinforcements, you have not exposed any wood. If wood is exposed, seal it with resin or gelcoat or a good marine sealant.

With the lid installed in the ring, hold the port in the hole so that the grips are parallel to the waterline stripe. Use the port ring as a template to drill 9/64" holes to mount the port. Before installing the screws, countersink the holes so that the screws do not chip or crack the gelcoat. Install the port.

The port lid should be installed hand tight. If it is necessary to use the port, chances are that it will be under water and not easy to work on. Periodically check the port to be sure it opens easily and lubricate the threads with McLube or a light, non-petroleum grease.

