

## Mechanical Attachment of PortVisors™ to Cabin Side

We recommend using #6 or #8 pan head screws, if you have determined that the tape's adhesive bond is not suitable to your application.

For installation on **fiberglass** boats, self-tapping stainless steel screws of minimum length 5/8" are preferred. Check that your screw length will penetrate the exterior cabin molding, but not the cabin liner. For **wooden** boats use wood screws. On **metal** boats it may be necessary to drill and tap holes for machine screws, depending on the gauge of the cabin sides.

The adhesive tape supplied with the PortVisor™ is useful for final positioning when attaching the visor to the boat. Therefore, we recommend that you do not remove the tape backing until it is time for attachment.

### Drill Procedure

1. Mark and drill small pilot holes along the outer rim (detail A ) in the general locations shown.
2. Enlarge holes with a drill bit one size larger than the screw diameter. This is necessary to relieve localized stress on the visor when the screws are applied.
3. Position the PortVisor™ over the port in the desired location. Mark and drill pilot holes in the cabin side.

### Attachment Procedure

1. Clean and dry the cabin side surface.
2. Apply 1/8" dots of sealant over the pilot holes. We recommend a marine grade silicone or polysulfide caulk that is compatible with Lexan.
3. Remove backing from 3M tape, position visor, and press on taped area to fix visor in place.
4. Install screws with a screwdriver. "Run down" screws until head contacts the surface of the visor, making a snug fit. Check that there is no local distortion of the plastic around the screw head. If so, back off the screw until distortion disappears.

Screws are sometimes used because the cabin side is curved so that the adhesive tape will not form a uniform bond. In this case, the best method is to install and tighten screws beginning at the center of the PortVisor™ and working outward, alternating sides.

### Optional

Screw heads can easily be spray painted a dark grey or brown so they will be less noticeable. Run all screws loosely into wood scrap to hold them upright, then paint.

