

Instructions For Creating A Solid Anchor Point In A Foam Filled Hull

1. The following is a step by step guide to creating a solid anchoring point in areas which do not have the wood reinforced backing in foam filled hulls. This is sometimes referred to as creating a "hockey puck".
2. You will need to hollow out the foam behind the area you will be fastening to. First, drill a hole in the location about 1/4" or at least twice the diameter of the screw you will be using.
3. Locate an allen wrench that is small enough to fit inside the hole you have drilled. Then, attach the long end of the allen wrench into a drill. Insert the short end into the hole you have drilled, and position the drill back to 90 degrees of the surface of the fiberglass. Once you have the allen wrench inserted into the hole, trigger the drill so that the short end spins inside the foam behind the fiberglass. This effectively creates a "void" in the foam behind the fiberglass.
4. Once you have created a void in the foam, the next step is to inject epoxy or resin into the void. Once the epoxy/resin has cured, you are left with a very solid anchoring point that you can drill and fasten your screw into. The best way to inject the epoxy is to use one of those non-needle syringes that you can get at any pharmacy, these also come with baby tylenol and similar medicines for kids. You can use any 2 part epoxy, or any fiberglass resin material. Mix the epoxy or resin, draw it into the syringe, and inject it into the void until it is full. Once cured, this area is now ready to fasten to.

Special Note: There is another option for anchoring rail stanchions "stand-offs" in specific, to the inside wall of the boat. The product is a "backing plate" which allows the screws to be through-bolted through the side wall of the boat. You can see this product on our website, SpecialtyMarine.com, simply type P-1 into the search field and it will be shown. The title is [BOSTON WHALER STAND-OFF / STANCHION BACKING PLATE](#). This product was used with some railing as original equipment.