

# **Bottom Deck Mount for Pontoon Boats**



This mounting kit for the DockStar Smart Thruster is for installations where it is required to mount the Thruster below the deck of the pontoon or houseboat. The basic instructions are as follows:

- Attach the stanchion base and stanchion braces to the King Starboard sheet with the stanchion base on the opposite side of the T-nuts.
- Identify a location on the boat that does not interfere with the boat's trailer (the thruster will need to be removed from the T-track when trailering, but you still need to make sure the mount itself does not hit the trailer).
- The King Starboard sheet must be able to sit flat relative to the bottom of the boat's aluminum structural members. If there are rivets preventing this, route or drill out space on the King Starboard.
- Clamp the King Starboard sheet with the stanchion fully assembled to it to the bottom of the boat's deck. The stainless tube will be located outboard of the boat's decking edge trim.
- If the boat has a curved bow or stern, angle the mount assembly such that the face of the T-track is perpendicular to the length of the boat.
- For a curved bow or stern, it may be necessary to trim the King Starboard sheet so that it does not protrude out from under the deck of the boat.
- Drill holes through the King Starboard and into the aluminum structural members or the part of the boat that it will be mounted too. This is usually along the bottom of the aluminum extrusion and along the next nearest lateral aluminum joist. The drilled hole size and bolts used to secure the King Starboard sheet to the boat should be at least 1/4" in diameter and stainless steel. The bolts and holes should be located as close to the corners of the King Starboard sheet as possible to distribute the torque force of the Thruster and secure the King Starboard to the boat. Ensure that there is at least 4 - 1/4" bolts securing the Thruster to the boat.
- Because boat makes and manufacturing methods vary widely, it may be found that use of the King Starboard sheet is not needed at all, or that it would be better to use only parts of the King Starboard.
- That's it. The Smart Thruster can now be slid onto the T-track and its lanyard secured to the boat.