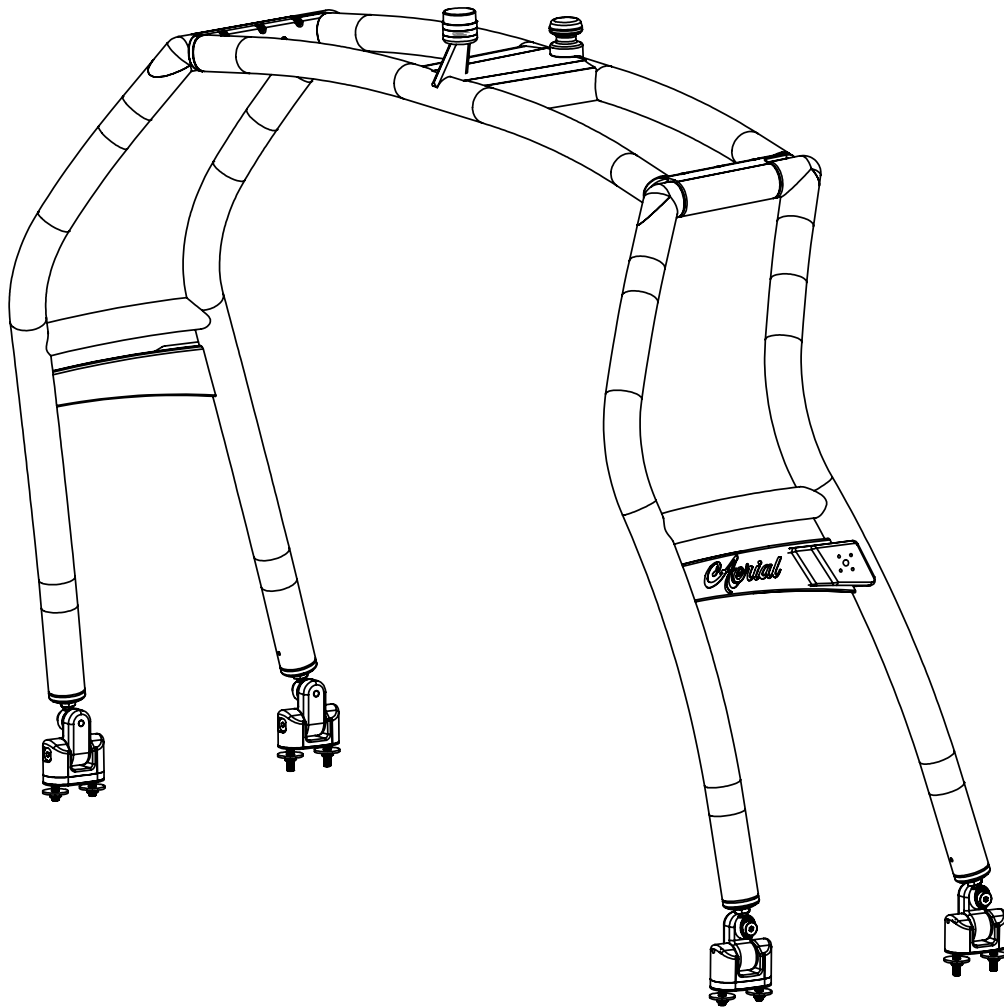


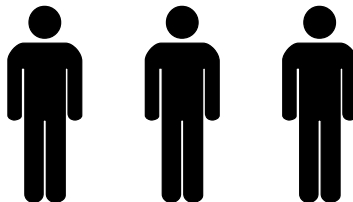


APEX WAKEBOARD TOWER

INSTALLATION GUIDE



INSTALLATION SUPPORT





IMPORTANT INFORMATION

- The Aerial Apex tower fits motor boats with 75-100 inch wide beam widths. *This measurement is taken from the Port to Starboard mounting points.*
- Do not fold the tower without having the top section securely fastened to the side sections with the fasteners provided.
- Do not fold the tower by yourself.
- Do not use impact drivers to install any hardware.
- Torque set screws to 35ft-lbs
- Torque shoulder bolts 50 ft-lbs
- Torque tower foot all-thread to 65 ft-lbs
- All set screws must be installed with threadlocker. *We recomend red Loctite threadlocker.*
- If the area of the deck where the tower will be mounted has a fiberglass thickness of less than $\frac{1}{4}$ inch, a backing plate kit must be purchased and installed to provide adequate support.
- Please leave the foam wrap on the tower until the installing is complete.
- Please note that when towing your boat you may notice what appears to be movement in your tower. It is important to understand that the boat is also moving on the trailer and that this movement can be visually deceiving.

CLEANING

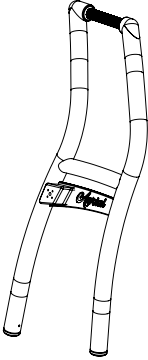
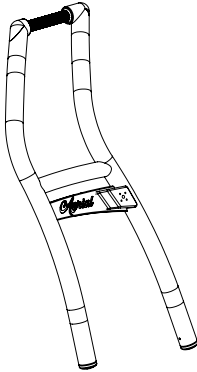
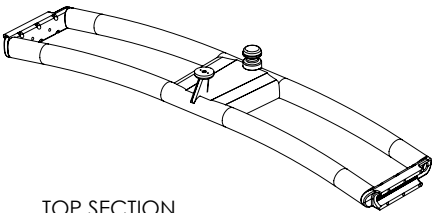
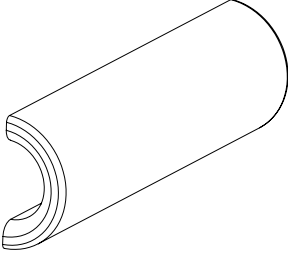
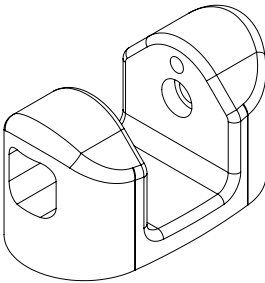
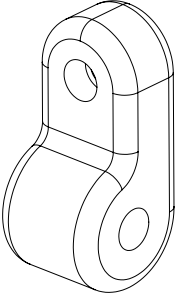
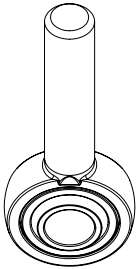
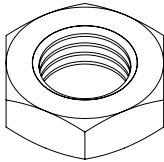
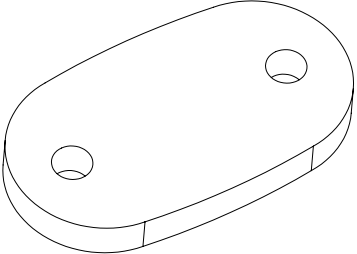
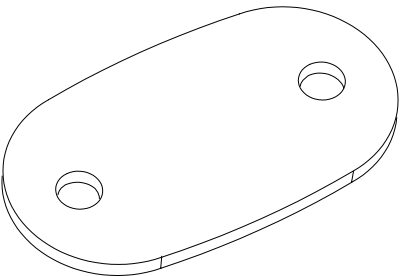
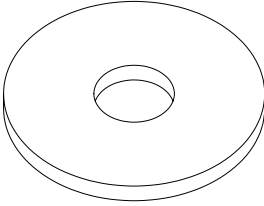
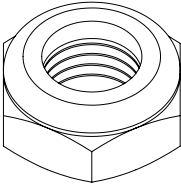
- Frequently wash your tower with soap and water.
- As required, use Mothers Mag & Aluminum polish to restore your tower to its original finish.

WARNING

- BE CAREFUL when assembling this product.
- NEVER modify this product in any way.
- NEVER climb, stand or ride on this product.
- NEVER tow watersport tubes or inflatable's with this or any other Aerial Wakeboard Tower.
- ALWAYS use caution with approaching bridges or overpasses.
- ALWAYS inspect this product for loose bolts, fittings or damage before each use.
- Always carefully CONSULT the user manual for proper installation, maintenance and usage.
- AERIAL WAKEBOARDING is not liable for personal injury or property damage from the use of this or any other Aerial product.



PARTS LIST

 <p>STARBOARD SIDE</p> <p>1x</p>	 <p>PORT SIDE</p> <p>1x</p>	 <p>TOP SECTION</p> <p>1x</p>
 <p>CLAMP</p> <p>2x</p>	 <p>MOUNTING FOOT</p> <p>4x</p>	 <p>MOUNTING FOOT CONNECTION</p> <p>4x</p>
 <p>H-JOINT</p> <p>4x</p>	 <p>H-JOINT M16 NUT</p> <p>4x</p>	 <p>MOUNT SPACER</p> <p>2x</p>
 <p>RUBBER - USED UNDER MOUNT</p> <p>4x</p>	 <p>12MM WASHER</p> <p>8x</p>	 <p>M12 NYLON LOCK NUT</p> <p>8x</p>

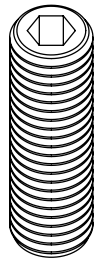


PARTS LIST



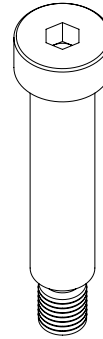
MOUNTING THREADED ROD
M12 X 70MM

8x



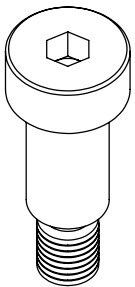
MOUNT SETSCREW
M8 X 30MM

4x



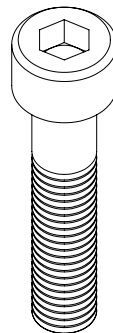
MOUNT SHOULDER BOLT - A
- M12 THREAD
- 16MM DIAMETER
- 70MM LENGTH

4x



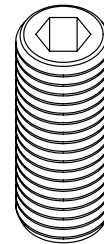
MOUNT SHOULDER BOLT - B
- M12 THREAD
- 16MM DIAMETER
- 30MM LENGTH

4x



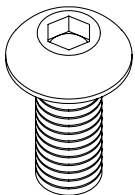
CLAMP BOLT
M8 X 40MM

12x



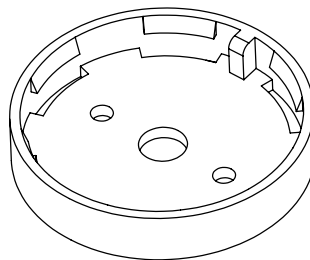
CLAMP SETSCREW
M10 X 30MM

4x



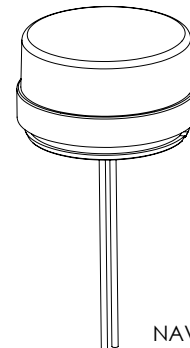
NAVIGATION
MOUNT BOLT
M4 X 10MM

2x



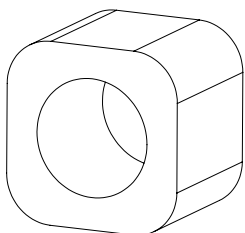
NAVIGATION LIGHT MOUNT

1x



NAVIGATION LIGHT

1x

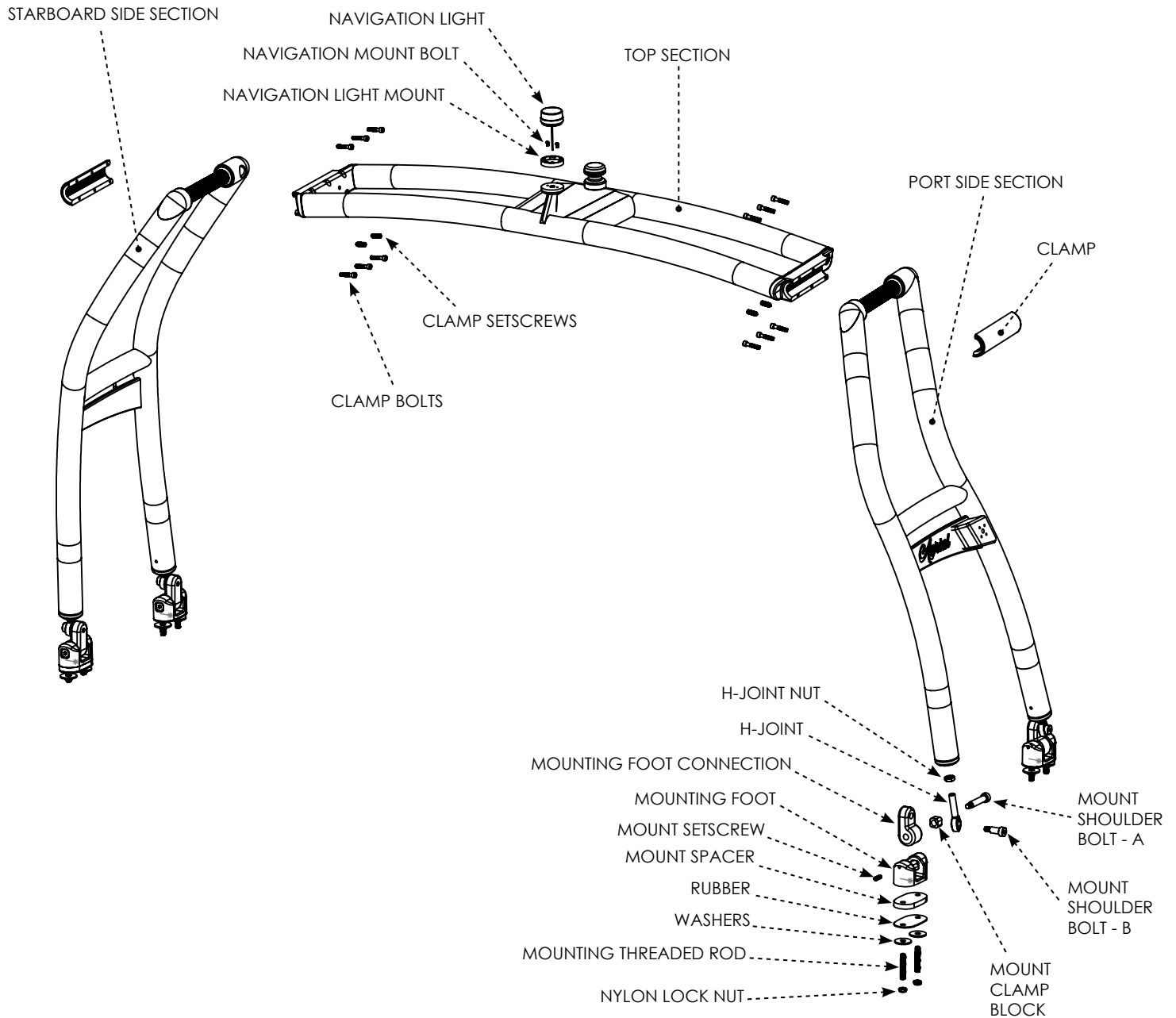


MOUNT CLAMP BLOCK

4x

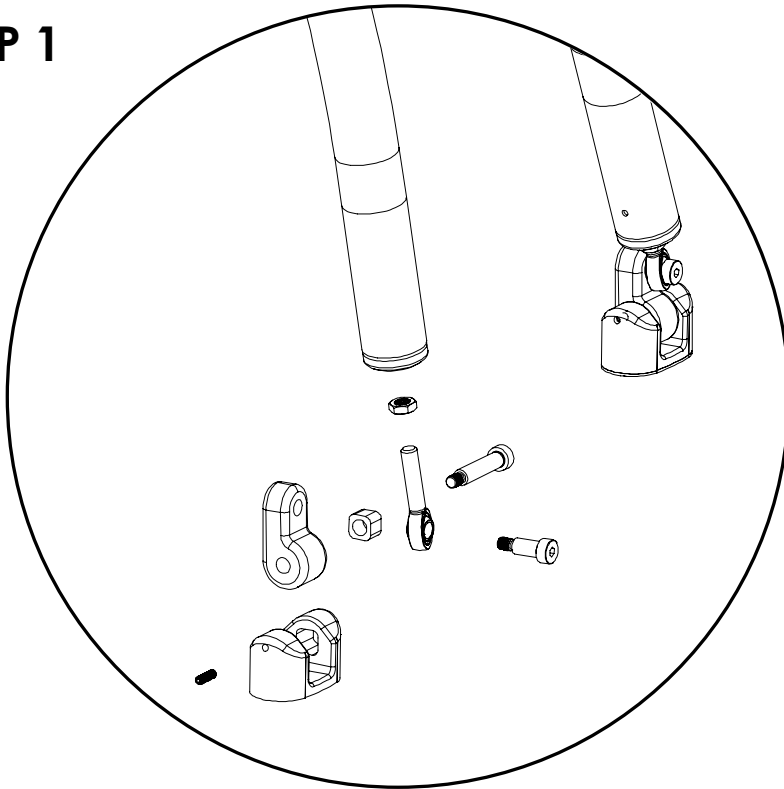


EXPLODED OVERVIEW



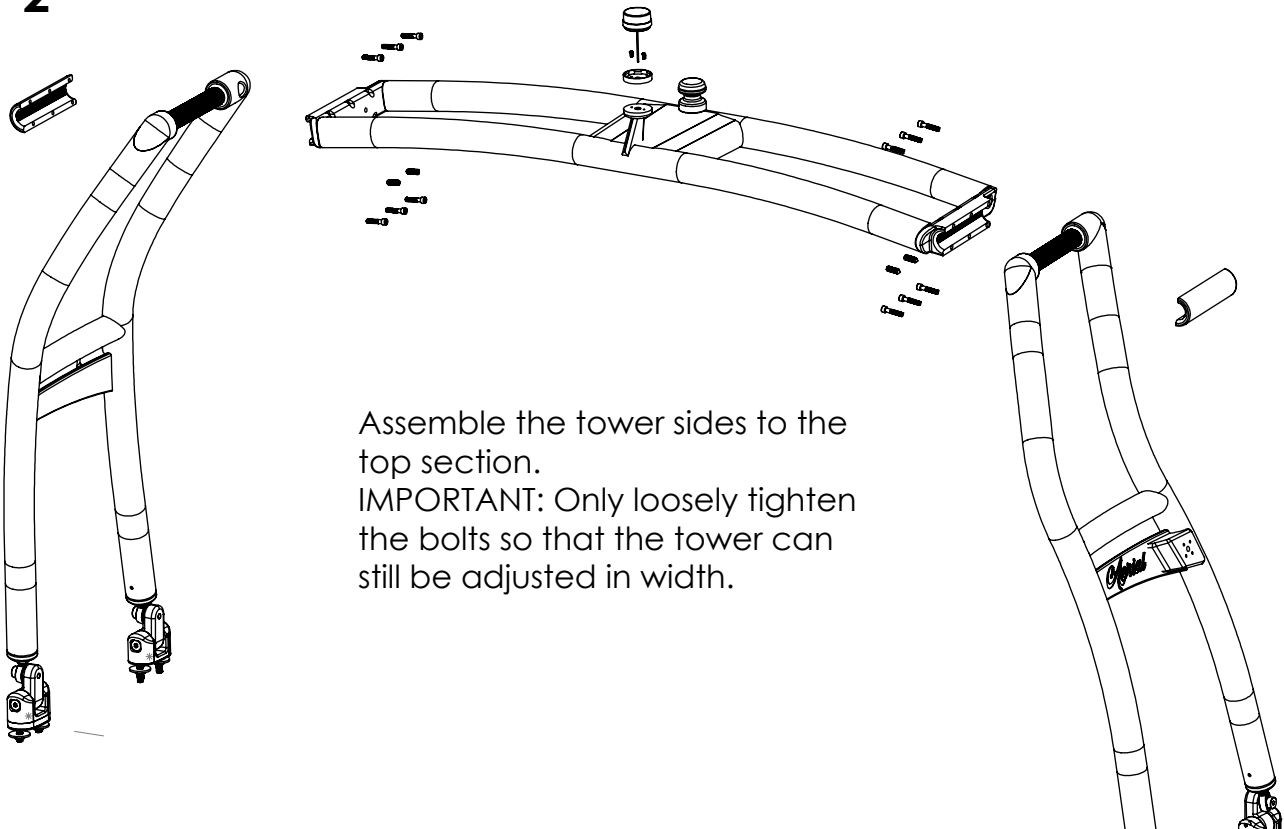


STEP 1



Assemble the tower mounting feet to the tower legs.
Do not install the threaded rods into the mounting feet at this time.

STEP 2

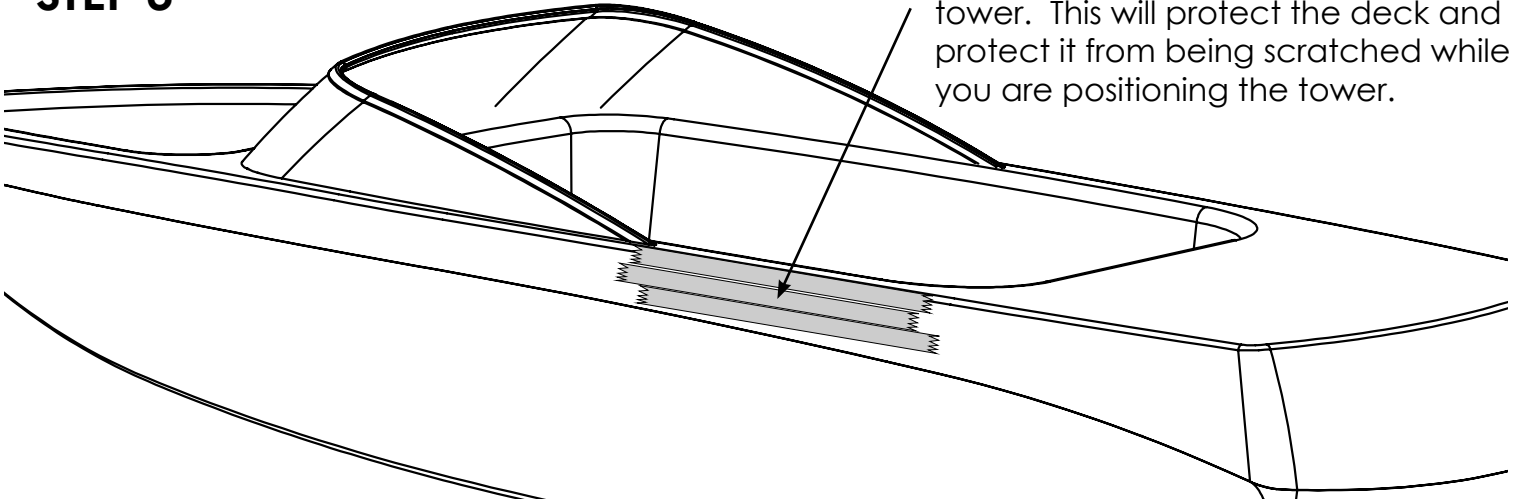


Assemble the tower sides to the top section.
IMPORTANT: Only loosely tighten the bolts so that the tower can still be adjusted in width.



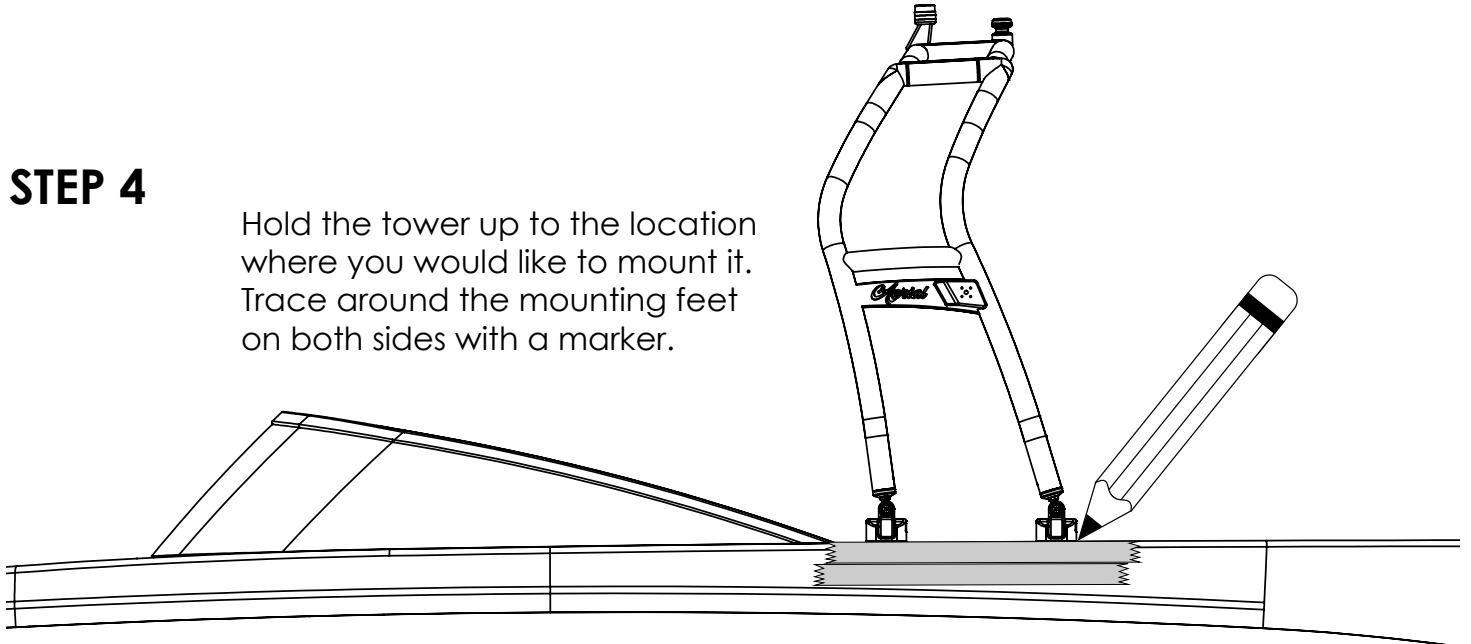
STEP 3

Tape off the side of the deck in the area where you plan to mount the tower. This will protect the deck and protect it from being scratched while you are positioning the tower.



STEP 4

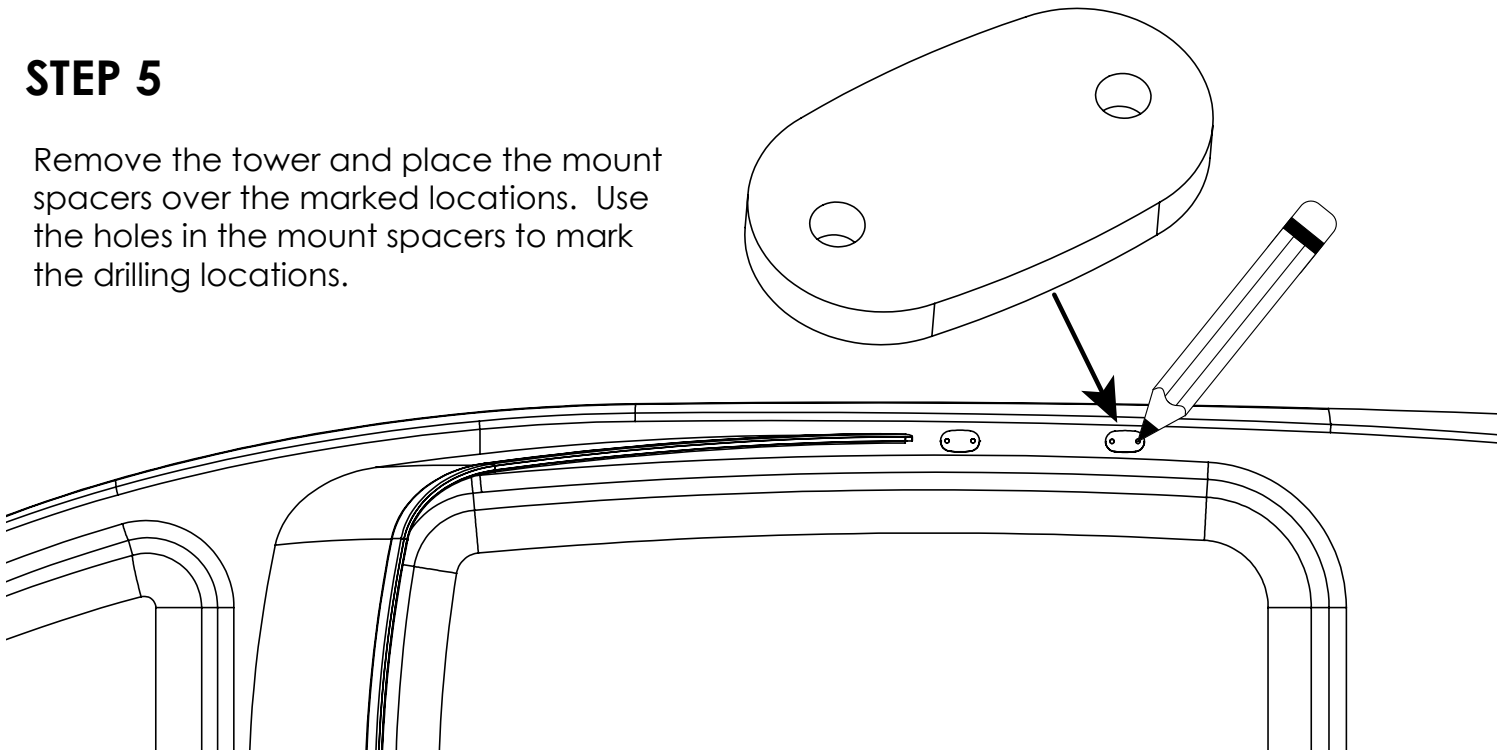
Hold the tower up to the location where you would like to mount it. Trace around the mounting feet on both sides with a marker.





STEP 5

Remove the tower and place the mount spacers over the marked locations. Use the holes in the mount spacers to mark the drilling locations.

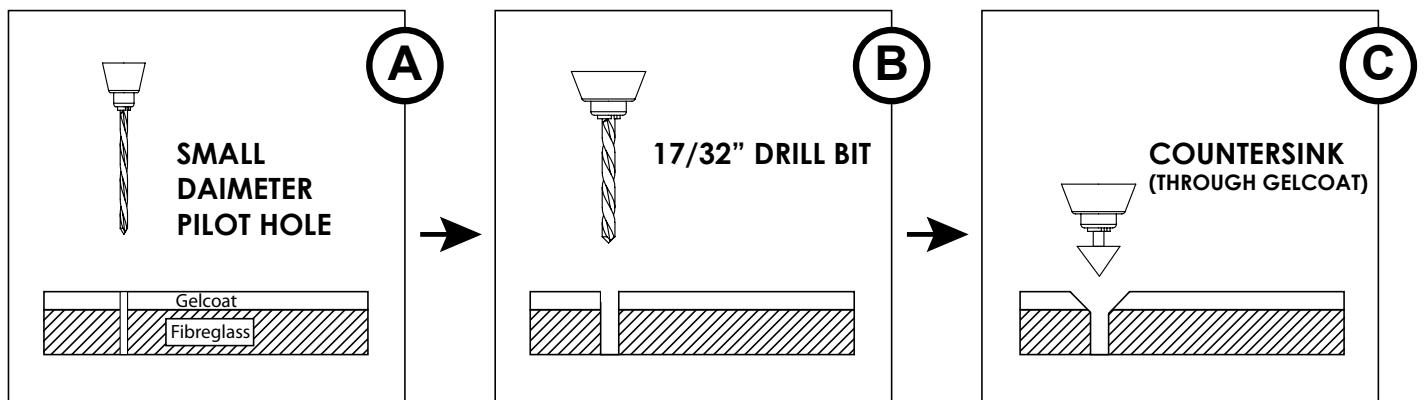


STEP 6

Drill the mounting holes as per the diagram below.

IMPORTANT: Check the underside of the deck in the areas where you plan to drill the mounting holes.

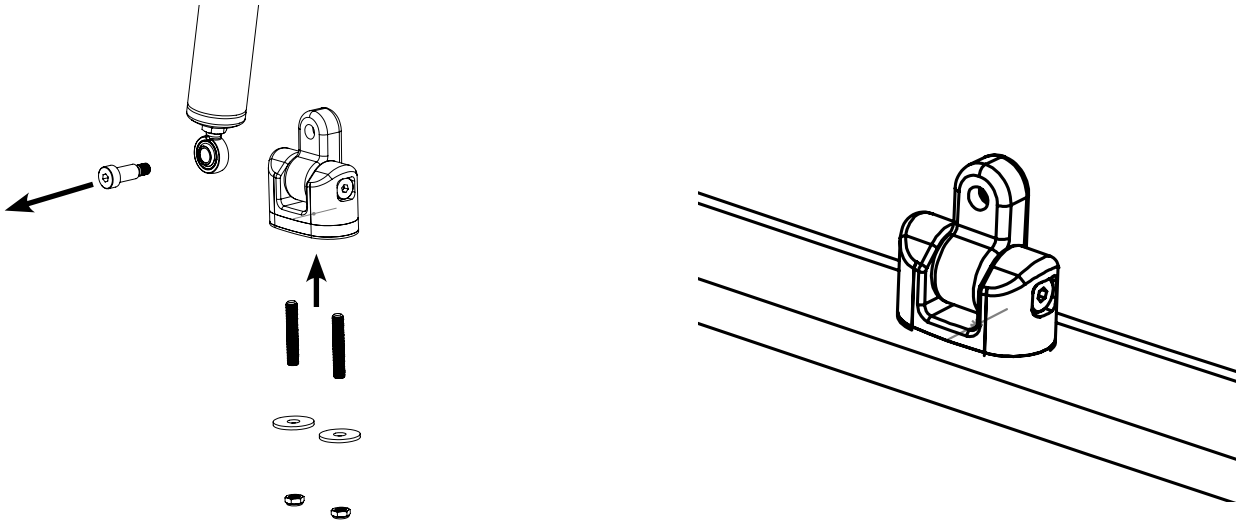
Make sure the area is accessible and free from wires and other items that you wouldn't want to damage while drilling holes and mounting the tower.



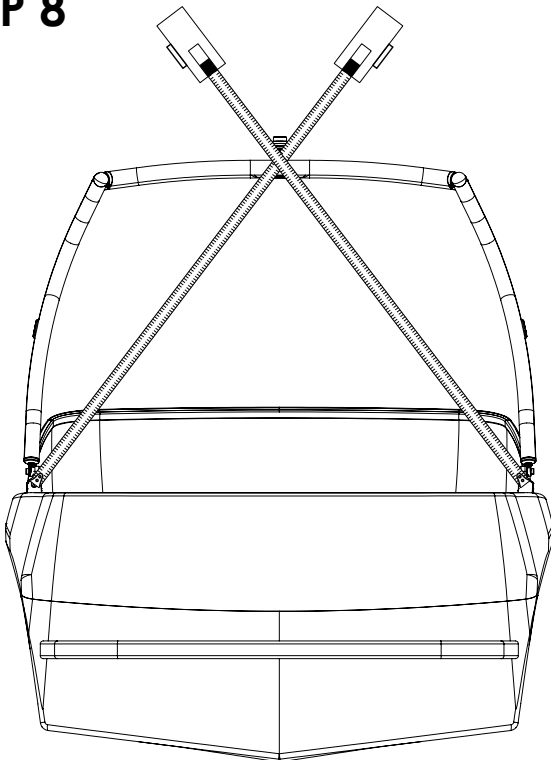


STEP 7

Remove the mounts from the tower by disconnecting the shoulder bolt that passes through the h-joint.
Install the threaded rod into the mounts and then install and fasten the mounts to the deck.



STEP 8

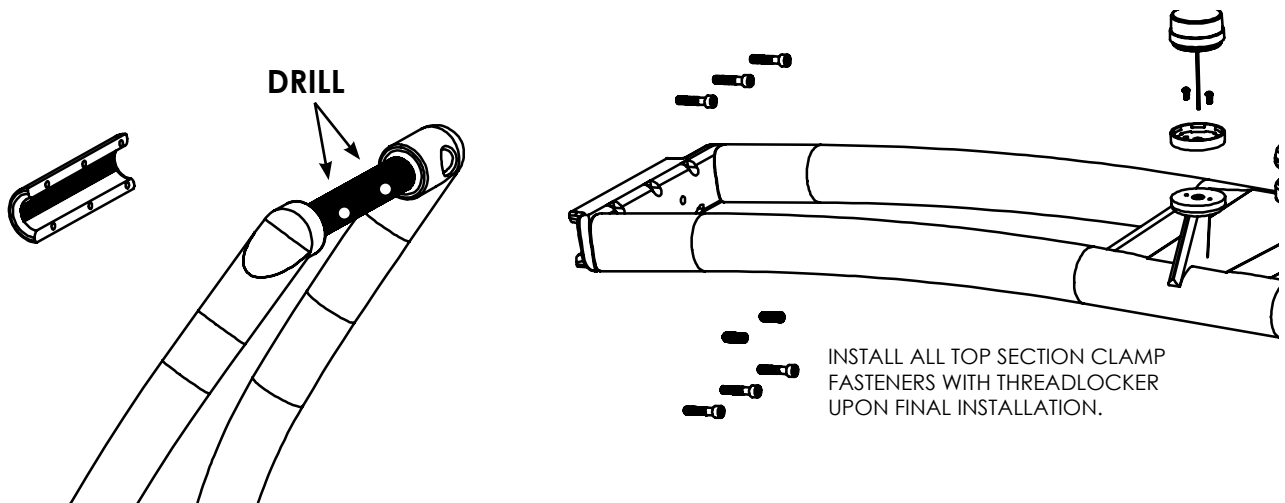


Assemble to the tower to the mounts and align the tower so that it is centered.
The X measurement is a great way to make sure that your tow point is in the center of your boat. To do this, measure from the tow point to your rear foot, then to your other foot. once centered, tighten up the clamp and the clamp set screws so that they make an impression on the side sections.



STEP 9

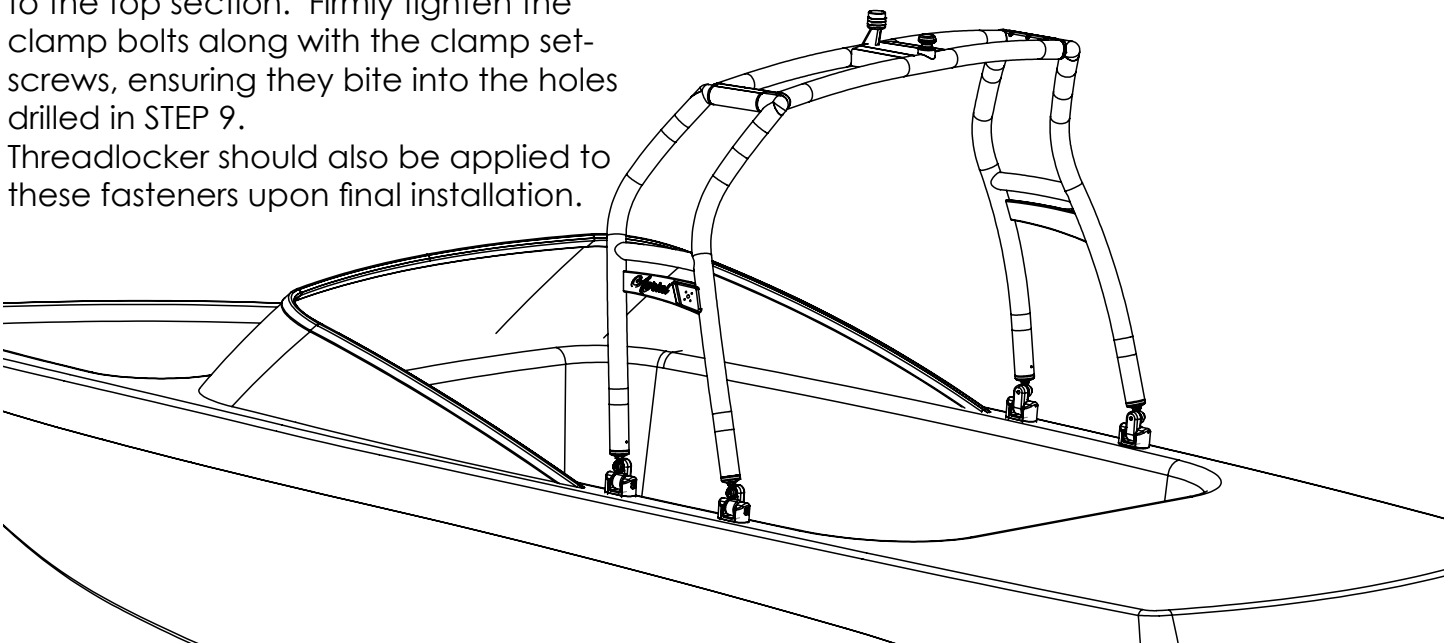
Disconnect the top section clamps from each side section to expose the clamp set screw impressions on the side sections. Using a 1/4" drill bit, drill a 1/4" deep hole into the side section, centered on the setscrew impression. **This is a very important step as once the tower is assembled again it allows the set screws to firmly hold the tower in place and prevent any movement during use.**



STEP 10

Re-connect the side sections of the tower to the top section. Firmly tighten the clamp bolts along with the clamp set-screws, ensuring they bite into the holes drilled in STEP 9.

Threadlocker should also be applied to these fasteners upon final installation.



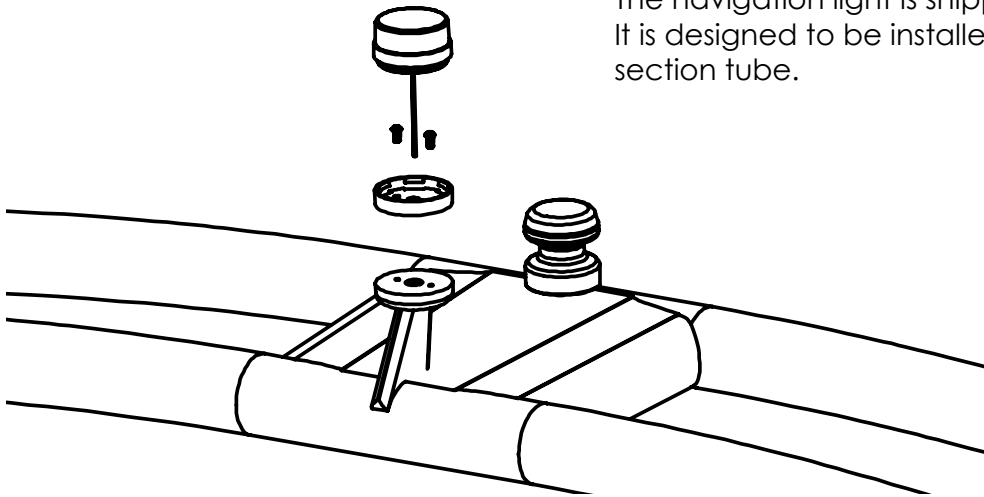


STEP 11

Now that the tower installation is complete, double check that all fasteners are all firmly tightened.

INSTALLING THE NAVIGATION LIGHT

The navigation light is shipped separately. It is designed to be installed on the top of the front top section tube.



Questions?



www.aerialwakeboarding.com