



Installation Instructions

Warning: When installing Lift Assist, appropriate hand and eye protection should be worn.

Preparation:

Lift Assist will be mounted to two posts. The configuration is at the preference of the owner.

Configuration 1 – Both units on one side, creating a hard stop to hold the boat centered and square with the lift. When using this configuration, select one post in the front half of the boat and one in the back half of the boat.

Configuration 2 – Two units at the entrance end of the slip. This will hold the back square in the center, but will require the front to be held. Select two posts at the rear of the boat.

Configuration 3 – Requires multiple units, two on each side.

When the posts are selected, any attachments such as bumpers must be removed.

Measure the distance from the contact point to the pole. This measurement will be needed for the set-up later.

Installation:

With the boat floating in the water, Lift Assist should be mounted with the contact point, typically the rub rail or floor rail positioned level with the lower pivot point of the mount bracket. Note when extended, the arms should be horizontal. Ref Illustration

Attention must be taken to position unit correctly. Mounting too high could cause excessive stress and damage the backing plate.



Once the level has been determined, mount the side mount bracket to the side of the post. The bracket is predrilled with 5/16" holes for 1/4" bolts. Mount the bracket to the post using the holes in

the center of the bracket. The off-set holes are for mounting the unit. Mount with the mounting leg to the inside of the dock.

Position the bracket in the desired position and use the bracket as a template to mark the hole locations three (3) places. It is recommended to use 1/4-20 self-tapping screws available at most hardware stores.



Before mounting the unit, extend and measure the overall distance. Adjust the distance to the premeasured distance and add approximately 1". The length of the arms can be adjusted by loosening the set screws and sliding the arms. It is strongly recommended to adjust the top arm first and tighten down. Once the distance is close, mount the unit.

Once the bracket is mounted, attach the Lift Assist unit to the bracket with the supplied screws. It is recommended to place the screw head on the outside as this will not create a sharp point sticking out from the bracket.



Once the unit is installed, adjust the top arm to the desired length. Loosen the lower set screw and return to the upright position. Then tighten the lower screw. Typically ½” – 1” clearance works best with these units. Repeat this step if necessary.

When complete, the unit should snap into place in a vertical position. The pad should be close to the post and give the appearance of a typical dock pad.

