

# INSTALLATION INSTRUCTIONS



**FIX MARINE SUPPLY (866) 998-3625**

Special Notes: Improper installation-assembly, or overloading Boat Lift beyond rated capacity will void manufacturer's warranty. Electrical connection MUST be grounded with a GFCI device. Proper line voltage only. No Generators! **Generator use will void motor's warranty!**



## BOAT LIFT U.S.

*a Fix Marine Supply company*



\*NOT FOR LIFTING/LOWERING HUMANS

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***Caution: Failure to adhere to the following instructions will void manufacturer's warranty:***

**Step 1** – Setting **TOP BEAMS**.

- a.) The following instructions trust that your pilings have been set according to **BOAT LIFT US** piling specs.

*Available online at:*     [www.fixmarinesupply.com](http://www.fixmarinesupply.com)  
                                      [www.boatliftus.com](http://www.boatliftus.com)

*Or by calling:*     (866) 998-3625

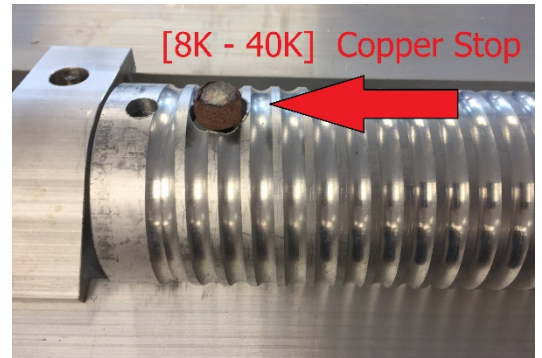
- b.) Start by setting TOP BEAMS on top of your pilings. Once in place, secure using supplied PILE-MOUNT BRACKETS. We recommend “thru-bolting” these to your pilings using stainless hex bolts, and mounting to the inside of each piling face.





## **Step 2** – Installing **CABLES**.

- c.) [8K-40K] Begin by running plain end of cable through hole on grooved aluminum cable-winders found inside each TOP BEAM until seated firmly at cable's copper stop.



[6K Lifts Only] Insert the plain end of cable into hole of grooved aluminum cable-winder. Continue feeding until it comes out end of pipe. Then, attach supplied "Cable Tie" four inches from end of cable. To complete, pull cable back into the drive-pipe until seated firmly.



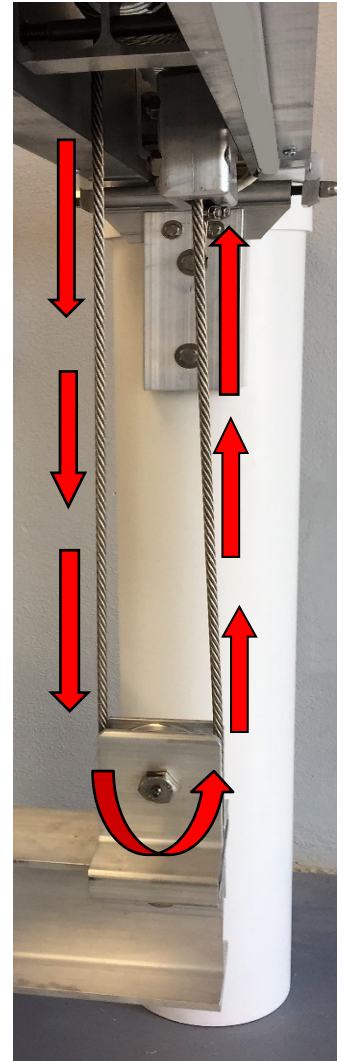
*Note to 6K Lift users:*

*When hanging cables, it is helpful to put a 4" pitch towards bow of boat to assist draining rainwater. (with plug out!)*

## **Step 3** – Hanging **Cradle Beams**.

- a.) With your work platform in place, set each CRADLE BEAM down beneath its respective pair of cables.
- b.) Next, take each cable, one at a time, and run it through the sheave wheel mounted to the cradle beam's end.

- c.) Take plain end of cable and attach it to the DEADMAN cable-locking mechanism located under the top beam. Start by pushing the pinch-plates **UP**. (when pushed upwards they open wide, when pulled down they PINCH the cable)
- d.) **Do NOT disassemble the DEADMAN!**
- e.) With pinch plates pushed upwards, start feeding your cable upwards until it comes out of the top. Next, run the cable back and down into other side of DEADMAN so that the cable is now pointing downwards. Pull snug, and attach stainless cable tie for additional measure of safety.

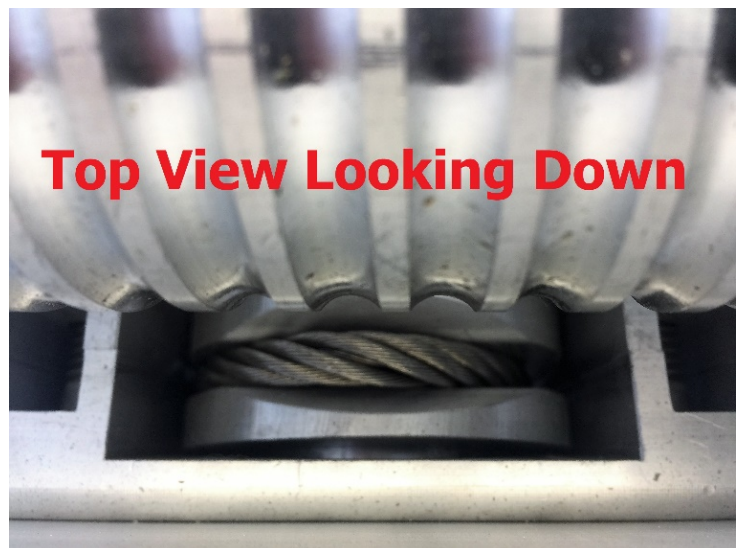


## **Step 4** – Setting Cable **DEADMAN**

You may want to add some pitch to the front of your Cradle System to assist in draining rainwater from your boat. Do so by pulling 6" to 8" more cable through the front two DEADMEN cable locking mechanisms.

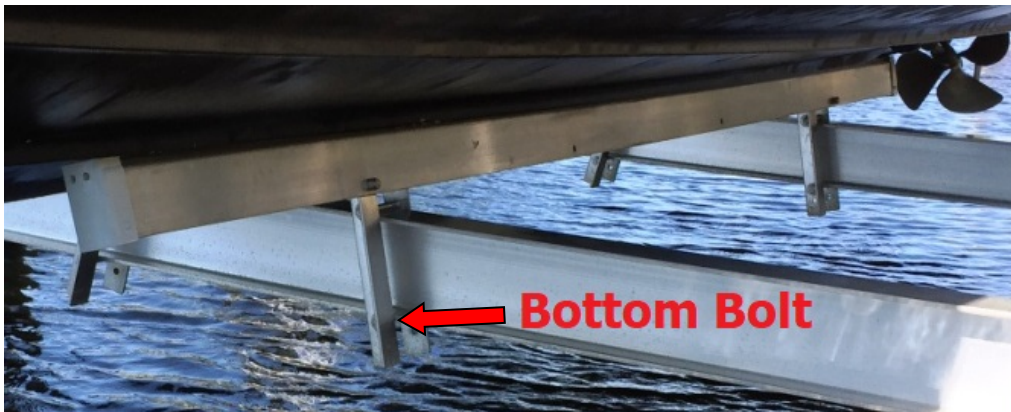


- At this point you should now have your cable lengths adjusted properly. If so, it is now time to SET the Deadman.
- IMPORTANT – Supplied stainless cable ties should be installed on the plain ends all (4) cables before setting Deadman. Leave about 2" – 4" of cable.
- Begin by holding tension on the cable leading to cable-winder so it will not unspool from the cable-winder during the next step.
- Now, raise your CRADLE BEAM up 2' and DROP sharply to set & lock pinch-plates in the Deadman. Check to be sure your cable is now seated snugly between the pinch-plates. Do this to all (4) cable DEADMEN on your lift.



## **Step 5** – Installing ALUMINUM **BUNKS**.

- a.) Your Aluminum Bunks come to you with their mounting brackets pre-installed. Simply remove the bottom bolt from front & rear pair of bunk brackets. Next, slip bunks onto the Cradle Beams and replace bottom bolts to the bunk brackets.
- b.) Before tightening down, move bunks into correct position for your boat. Be especially mindful of thru-hull fittings, transducers, raw water intakes, etc. You do NOT want these resting on the bunks. Serious damage can occur to your boat, and your bunks!



*\* Use Never-Seez™ thread lubricant on the hex-bolts threads so adjusting at a later date is an option.*



## Step 6 - Installing **GUIDE POSTS**.

- a.) The GUIDE POSTS of your boat lift guide the cradle system into place under while under the boat. Once boat is ON THE LIFT install each guide post so that there is ample tension pressing against your boat's rub-rail.

*The GUIDE POST is a 3-piece design consisting of:*

- 1.) guide post **BRACKET**.
  - 2.) guide **POST**. (insert)
  - 3.) **PVC** guide post cover.
- Begin by 1<sup>st</sup> installing the guide post BRACKET. This is secured with stainless J-Bolts. Place bracket onto CRADLE BEAM, insert the J-Bolts, and move into position. (don't tighten hex nuts yet)
  - Next, insert the guide POST. (insert)
  - Finally, slip the PVC guide post over with cap over the guide POST.
  - Now make necessary adjustments to guide post BRACKET placement and tighten down.

*\* Use Never-Seez™ thread lubricant on the J-bolt's threads so re-adjusting at a later date is an option for you.*



### Final Notes:

- Before running lift up/down **GREASE ALL fittings.**
- 6K 8K 10K 13K , and 16K (4-Piling) lifts will have (12) fittings.
- 16K (6-Piling) 20K 24K 27K have (14).
- 35K and 40K lifts will have (24) fittings.

**\*\* Must grease BEFORE using lift! \*\***

- Be completely sure that the motors receive a full 115/230v while under load, and are not suffering from "voltage drop". Proper line voltage only. No Generators! **Generator use will void motor's warranty!**

**Note: 13K lifts and above must run on 230v ONLY!**

- The supplied GFCI cords on your motors are for the safety, and convenience of the installing contractor. These have been sent for temporary use – PROFESSIONAL electrical hook-up is required! (Electrician will remove GFCI plugs and "hard-wire" your lift into a watertight junction box according to NEC and local codes.
- If you have your cables properly set/locked in the DEADMEN you're ready to lift your boat.
- It is absolutely imperative that your boat's weight is CENTERED between the (4) lifting cables.
- Do NOT allow your cable to go slack. Be sure not to "hit bottom" with your CRADLE BEAMS, and always ensure that your cable is wound properly on the grooved cable-winders.