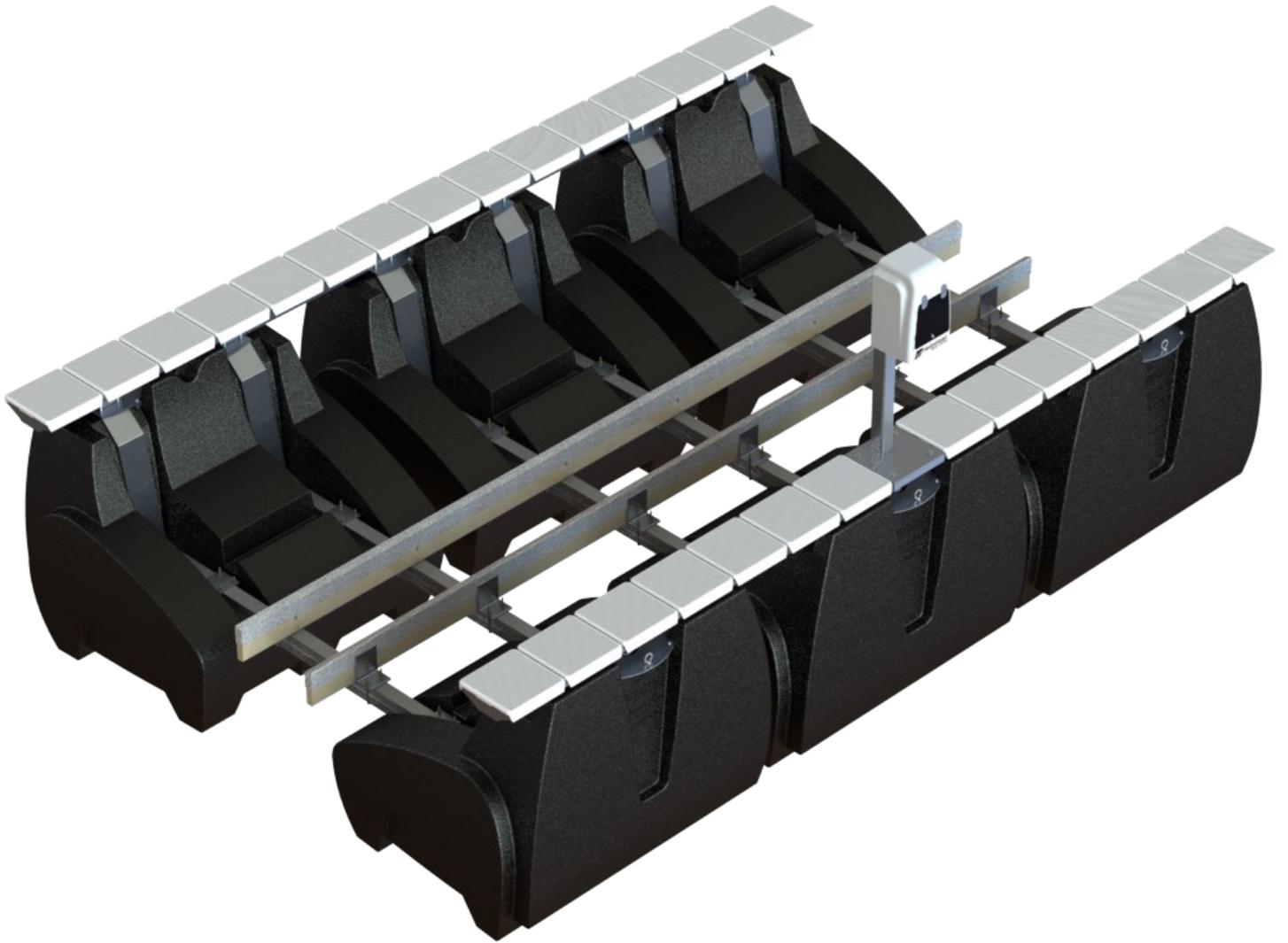


# HarborHoist™

BY HYDROHOIST BOATLIFTS



## OWNER'S MANUAL

US PATENT # 6,422,167 B1

REVISED: 3/7/2018

800.825.3379

BOATLIFT.COM

# OPERATION

## Thank You

We would like to a moment to thank you for purchasing a HarborHoist™ G1.5 lift. We believe our lifts are the easiest to use on the market today, and know that your new lift will give you many years of trouble free service. The following pages will provide you the necessary information for maintaining your new lift, as well as instructions on it's use. Your new HarborHoist™ G1.5 lift is the result of extensive research, design and development in environments where corrosion, marine growth, and severe weather encourage lifting boats out of the water to help protect your investment. As the leader in the industry, the HarborHoist™ G1.5 lift offers features provided exclusively by HydroHoist® Marine Group.

## General Operation

Familiarize yourself with the Control Box. We have created a simple to use 3 BUTTON user interface, consisting of a raise, stop, and lower button, and simple power indicator led. These are the basic components for the operating the HarborHoist™ G1.5 lift. Internal to the Control are state of the art valve controls and circuitry that will insure that your lift comes up level each and every time you lift your boat from the water.

### Lowering the Lift

- 1) Make sure the Power LED is illuminated
- 2) Press the lower button. This will open the valves.
- 3) Allow the lift to submerge (Walkways will remain above water)
- 4) Untie lift safety lines from boat
- 5) Everyone may board the boat after the boat clears the lift

### Raising the Lift

- 1) Float boat into established pick up position on lift
- 2) Tie off safety lines to the boat
- 3) Everyone must exit the boat before lifting.
- 4) Press raise button
- 5) Once the lift is fully raised, air bubbles will be visible exiting from all tanks.
- 6) Press Stop on Control
- 7) If the lift needs to be leveled once it is in the raised position, press the yellow level button and the lift will automatically level to lift.

### Safety Tips

- Test GFI on a monthly basis
- Keep Children away
- Do not overload the lift.
- Do not allow yourself to be distracted or walk away from the lift during operation.

## Safety Tips Cont'd

- Make sure bilge pump is set for automatic or remove the drain plug while lifted.
- Significant water accumulation in the bilge may overload the lift.
- Make sure any ballast tanks are empty before lifting the boat.
- Lift is not designed for lifting people.
- No persons should be under the boat while it is in the suspended position.
- Weight must be distributed equally side to side and bow to stern before lifting. Otherwise the boat will not center properly and appear to be crooked on the lift.



TEST

RESET

INDICATOR  
LIGHT



## INITIAL CONTROL SET-UP

**PRIOR TO LIFT OPERATION AND/OR ATTEMPTING TO LOAD A BOAT:**

STEP 1: Determine the control position of the boat: Starboard or Port

A: While facing the control if the front of the boat is to the right, it is Starboard.

B: While facing the control if the front of the boat is to the left, it is Port.

STEP 2: Program the control in relation to boat placement

A: For a Starboard control placement: press STOP and UP at the same time until the Starboard LED lights.

For a Port control placement: press STOP and DOWN at the same time until the Port LED lights.

B: When the corresponding LED light (starboard/port) remains on, the control is set.

C: **PRECAUTIONARY NOTE:** If the valves actuate (open), press STOP and begin again.

STEP 3: Program the control level

A: Press the UP button; this will raise the lift to its highest point.

B: Each tank must be bubbling from the relief hole before hitting STOP.

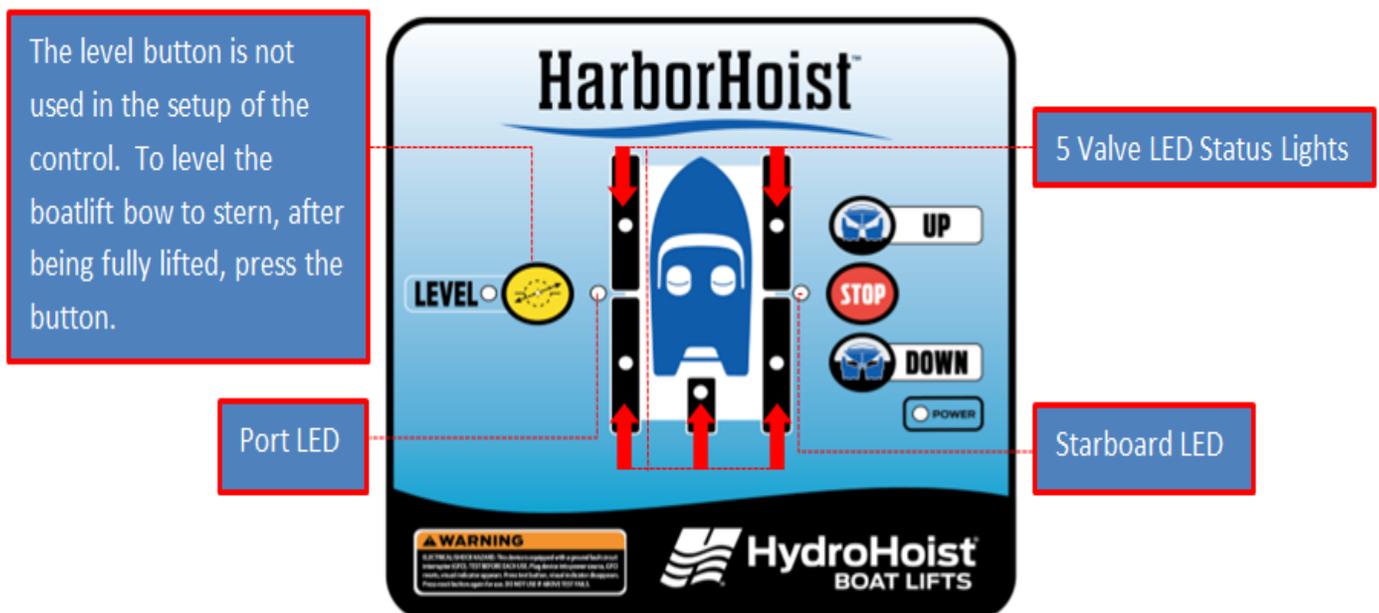
If a tank does not bubble out hit STOP and zero the control.

-To zero the control, push and hold the UP and DOWN buttons at the same time until the 5 valve LED's flash.

-Press UP, and allow additional time for all tanks to bubble from the relief holes; only then press STOP.

-To zero the control, push and hold the UP and DOWN buttons at the same time until the 5 valve LED's flash.

C: Your lift is now set and ready to use.



## **Preventative Maintenance**

Because of the harsh environments in which the HarborHoist™ G1.5 can be installed, it is very important to inspect your HarborHoist™ occasionally to ensure it is at peak performance. On a monthly basis inspect the following:

- 1) GFI trips and resets properly when the TEST and RESET buttons are pressed.
- 2) All air hoses are firmly attached and there are no apparent leaks present.
- 3) All the aluminum components are structurally sound and no heavy corrosion is visible.
- 4) The wood hull pads are structurally sound with no severe cracking.
- 5) All mounting / attachment brackets are secure.
- 6) If rope mooring is used, inspect the ropes for any issues that may compromise there integrity.

Most importantly, run your blower fan at least once a month even during the off season. Press the Raise button on the control and let it run about a minute to help keep the motor contacts and brushes clean.

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