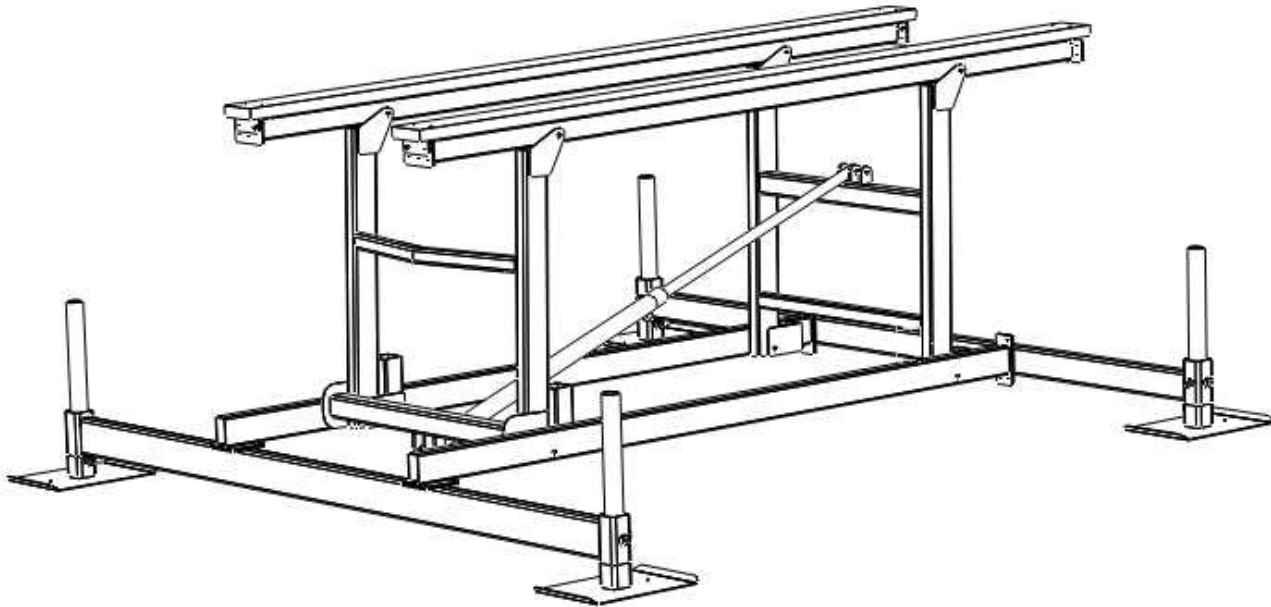




**Basta Marine**  
Bellevue, Washington 98005  
1-866-GO-BASTA  
Phone: 425-641-8911 Fax: 425-644-5065  
Email: [Parts@bastamarine.com](mailto:Parts@bastamarine.com)  
[www.bastamarine.com](http://www.bastamarine.com)

## OWNERS MANUAL BASTA MARINE BOAT LIFTS Over-Center™ MODEL # 4032SP-01

Thank you for your purchase of a Basta Marine Over-Center™ Boat Lift. The staff at Basta Marine hopes that you will enjoy the use of your new lift year round. To ensure proper installation and operation of your new lift, we encourage you to carefully follow the instructions and to note all safety procedures detailed within this manual. We cannot stress enough the importance of water safety when installing your new lift. Thank you for your purchase.



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# Warning!

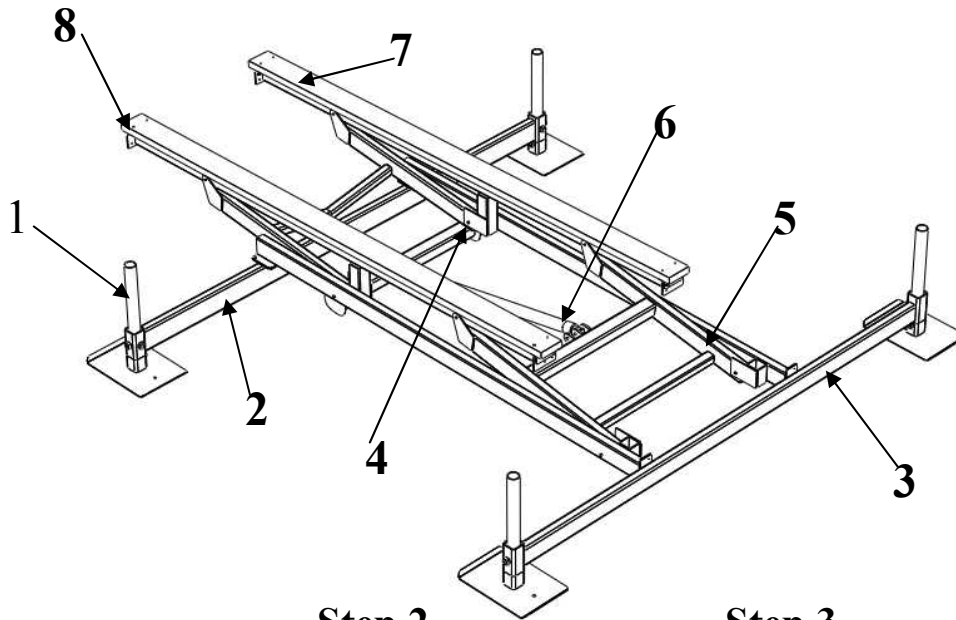
**NOTE:** A boat lift is considered a heavy piece of equipment. Improper use could result in serious injury or death. For the safety of people and property please review the safety guidelines below for your new boat lift.

- |  |  |
|--|--|
| <ul style="list-style-type: none"><li>❖ Visually inspect all parts and assemblies for defects and damage prior to assembling the lift.</li><li>❖ Use moly lube to prevent the stainless bolt &amp; nut sets from galling.</li><li>❖ Do not install the lift alone.</li><li>❖ Install the lift on firm and level ground.</li><li>❖ Verify the lower frame of the lift is level before each use.</li><li>❖ Turn the power off during periods of non- use.</li><li>❖ This hoist is a heavy piece of equipment please use with care.</li><li>❖ The lift should not be used for any other purpose besides the lifting of boats.</li></ul> | <ul style="list-style-type: none"><li>❖ Do not exceed the maximum weight capacity specified for the lift.</li><li>❖ Passengers should stand clear of the lift and not be aboard when the lift is in operation.</li><li>❖ Do not play on or near the lift.</li><li>❖ Leave your automatic bilge pump turned on the automatic setting to prevent the accumulation of rain water.</li><li>❖ Service your lift regularly.</li><li>❖ Do not service the hoist with the boat on the lift.</li><li>❖ Use a mooring line for additional security.</li><li>❖ Only use Basta Marine Factory oil in lift. EPA approved biodegradable non-toxic oil part # 081591X</li></ul> |
|--|--|

  
Patented Basta™ Design

Manufactured under one or more of the following patents:  
USA: # 4895479, #4900187, # 5143182, #5184914, #5311970,  
CANADA: #2089044  
Other Patents pending

# ASSEMBLY INSTRUCTIONS



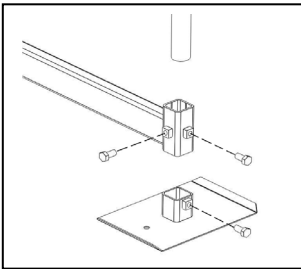
Model Number  
4032SP-01

**Note:**

Start squaring the lift;  
do not tighten down  
the fittings all the way  
until the H-Frame and  
Bunks have been  
installed

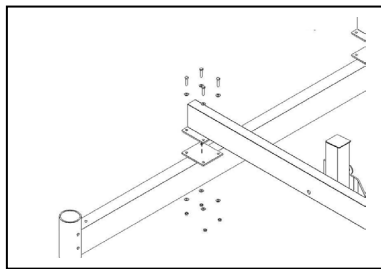
## Step 1

**Foot and Leg Sockets**  
12) 3/4 x 1.15 Bolts



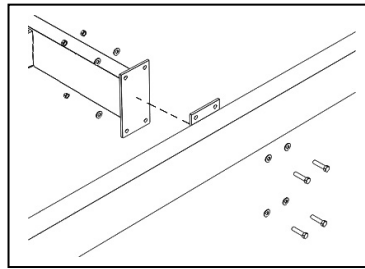
## Step 2

**Rear X-Member**  
8) 3/8 x 1.5 Bolts  
16) 3/8 Washers  
8) 3/8 Nuts



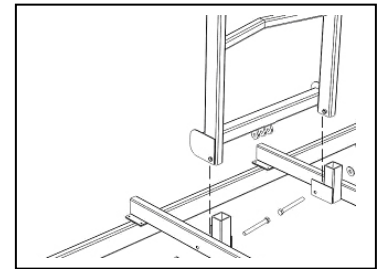
## Step 3

**Front X-Member**  
8) 3/8 x 1.5 Bolts  
16) 3/8 Washers  
8) 3/8 Nuts



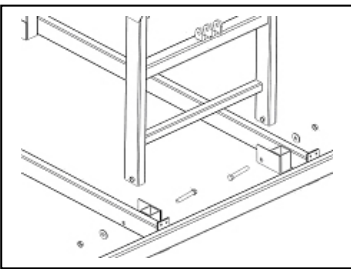
## Step 4

**Rear H-Frame**  
4) 3/4 x 6.50 Bolts  
4) 3/4 Lock Washers  
4) 3/4 Nuts



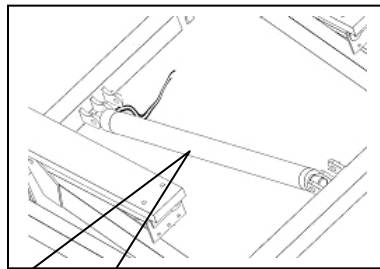
## Step 5

**Front H-Frame**  
4) 3/4 x 6.50 Bolts  
4) 3/4 Lock Washers  
4) 3/4 Nuts



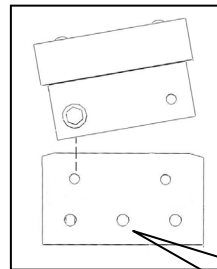
## Step 6

**Cylinder**  
2) 3/4 x 4.25 Pivot Pins  
2) Cotter pins



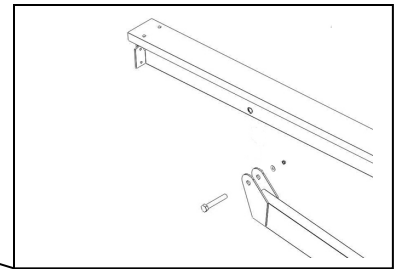
## Step 7

**Bunks**  
4) 5/16 x 1.00 Bolts  
4) 5/16 Nuts  
8) 5/16 Washers



## Step 8

**Bunks**  
4) 3/4 x 4.00 Bolts  
4) 3/4 Nuts  
4) 3/4 Lock Washers



Rear H-frame

**Note:**

Use alternate position if  
boat is equipped with skegs

**Note:**

Place hoses at rear of  
lift facing toward pump

**Note:**

Place bolts toward center of lift  
opposite decals tighten all bunk clip  
carriage bolts

**Having Trouble!**

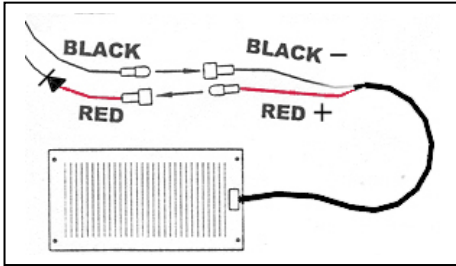
Call Basta Marine at  
1-866-GOBASTA or contact  
your local dealer for help  
with assembly and installation.

# ASSEMBLY INSTRUCTIONS *Cont.*

## Step 9

4) 1/2" Screws

Connect to power supply inside box

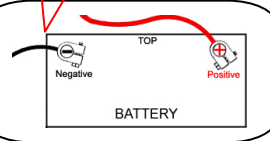
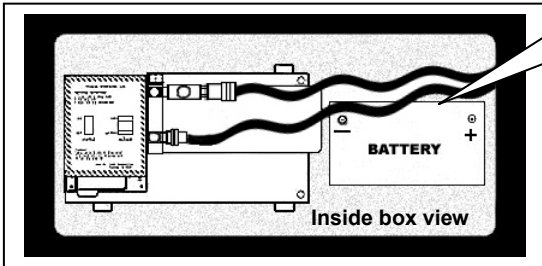


### Note:

Ensure correctly connected

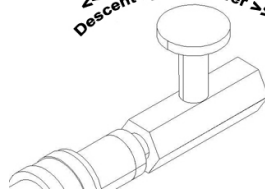
## Step 10

Connect Battery



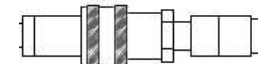
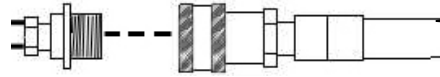
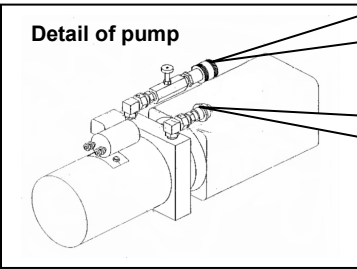
### Flow Control Valve

Descent speed faster  
Descent speed slower



## Step 11

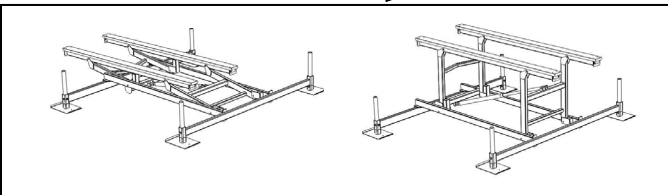
Connect Hoses to pump X 2



Note: No gaps on connection

## Step 12

Test Lift on dry ground

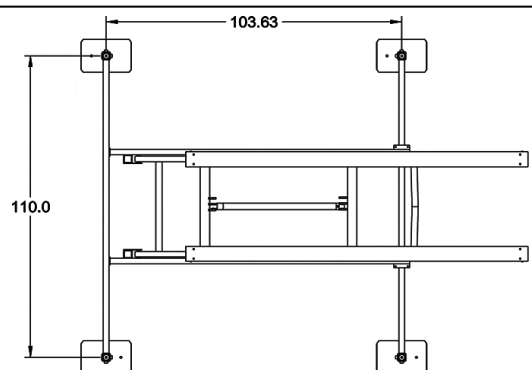
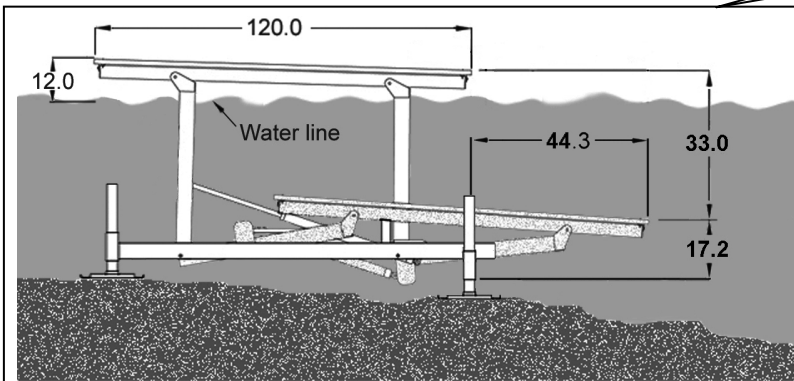


### Note:

Lift should be up in Over-Center position

## Step 13

Install the lift



Use these diagrams to help place the lift

# **FIRST USE AND ADJUSTMENTS**

**NOTE:** Follow this “first use section” during your first loading of a boat onto the boat lift. These are required adjustments to make the lift work correctly.

1. Place the boat over the lift to the following specifications:
  - a. If your boat is an outboard, inboard/outboard, or V-drive, the transom should be 2 inches off of the end of the bunk boards.
  - b. If your boat is a mid-engine or shaft-drive, the transom should be 12 to 24 inches off of the end of the bunk boards.
2. Disembark and raise the boat slowly. If more than two inches of settling occurs, stop, carefully lower the lift to remove the boat and re-level the boat lift. Continue repeating this step until the boat can be raised into the full Over-Center™ position without settling.
3. Remove the boat. Verify that the lift frame is level. Re-level the framework if necessary.
4. The loaded boat lift should raise and lower smoothly at the same relative speed.
  - a. If the lift moves too fast or jerks when lowering, adjust the flow control valve in a clockwise motion.
  - b. If the lift lowers too slowly, relative to the lifting speed, adjust the flow control valve in a counter-clockwise direction.

**NOTE:** If you purchase a new boat, be sure it is within the weight capacity limits of the lift. Also remember that these adjustments will have to be done again to accommodate the new boat.

**NOTE:** The hydraulic fluid should be completely change at least one a year to ensure successful continued use

## **Basta Marine Boat Lift Accessories**

The items below are only brief descriptions of Basta Marine’s Boat Lift Accessories For additional information and images and to see the latest in Basta Marine products and services visit our web page [www.gobasta.com](http://www.gobasta.com). or contact Basta Marine at 1-866-GOBASTA for a catalog.

### **Basta Canopies**

Protect your boat from the harmful effects of the sun, wind, and snow.

### **Centering Devices**

These vertical reference guides gently center your boat over the lift providing a constant reference point for front/back positioning.

### **Bow Stop**

This stop will help keep you from placing your inboard ski-boat too far forward on your boat lift. They are adjusted for the length and boat height

### **Motor Stop**

For boats with out drives, these lower unit stops assist in proper placement of you boat by gently stopping your forward motion.

### **Side Deck**

One of the many advantages of using a boat lift is the increased accessibility to you boat for maintenance. Side Deck attaches to the existing boat lift or canopy leg. (*Lumber not included*)

### **Platform Kit**

Design specifically for pontoon boats and seaplanes. This kit, with you locally supplied lumber, easily converts your lift to a platform with adjustable center guides.

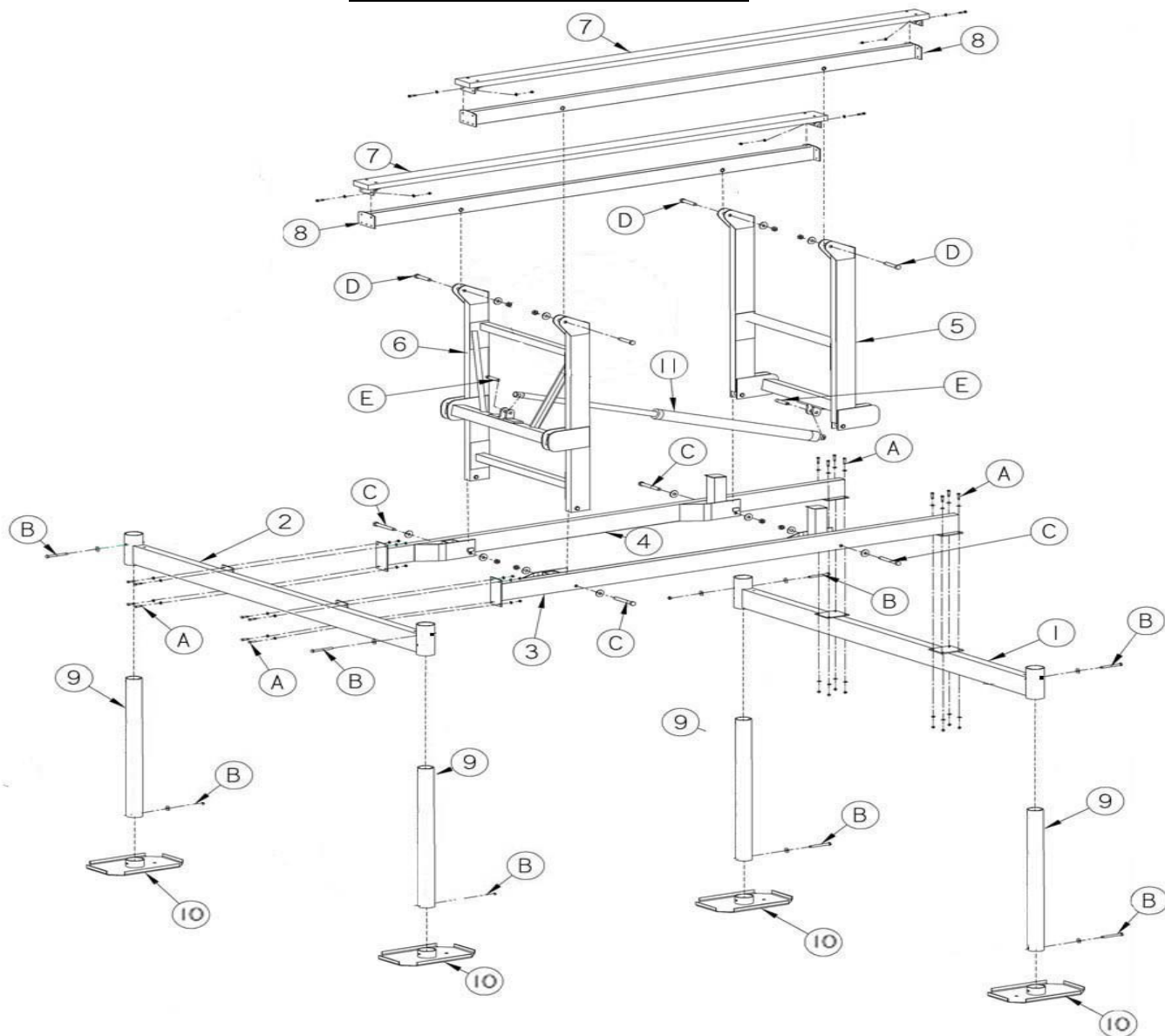
### **Control Lighting**

Install these lights above or below the water. They turn on with your remote control key fob.

### **Pump Mount Box Kit**

Safely secure the pump box to a boat lift leg, canopy leg, or the side of your dock.

# ASSEMBLY DIAGRAM



## Assembly Item List

**Note:** Items A-E is referred to as sets i.e.; A = bolt, washer, and the nut.

Part #.	Item #	Description	Qty	Part #.	Item #	Description	Qty
HS4012T	1	Rear X Member	1	GS010-26	C	Hex Cap Screw 3/4-10 x 6.50 L	4
HS4013T	2	Front X Member	1	GS028-01	C	Nut- Hex Full 3/4-10 GALV	4
FL4001	3	Left Pivot Rail	1	GS022-01	C	Lock Washer 3/4 GALV	4
FL4002	4	Right Pivot Rail	1	GS010-16	D	Hex Cap Screw 3/4-10 x 4.00 L	4
FL4042	5	Rear Pivot H-Frame	1	GS028-01	D	Nut- Hex Full 3/4 -10 GALV	4
FL4028	6	Front Pivot H-frame	1	GS022-01	D	Lock Washer 3/4 GALV	4
4063-.01	7	Bunk Board Assembly	2	1857-01	E	W/A Pivot Pin 3/4 DIA x 4.25	2
FL4054	8	Galvanized Bunk Rail	2	SS009-32	E	Cotter Pin 1/8 x 2.0 L	2
FL4080	9	Adjustable Support Leg	4	SS003-04	F	Hex Cap Screw 5/16-18 x 1.00 L	4
E3685	10	Foot Base	4	SS007-06	F	Full Nylock Nut 5/16-18 316	4
020182C-36	11	Hydraulic Cylinder Assembly	1	SS018-01	F	Washer Flat 5/16	4
GS007-06	A	Hex Cap Screw 3/8-16 x 1.50 L	16	M1765-01		Stick-on Levels	2
GS025-01	A	Nut- Hex Full 3/8-16 GALV	16	GH028-01		Moly Assembly Lube	2
GS013-01	A	Washer Flat 3/8 GALV	32	GH071-01		Oil Absorbing Towel	1
SS007-06	B	Hex Cap Screw 3/4-13 x 1.5 L	12				



# **TROUBLESHOOTING PROBLEMS AND FAQ**

## **Q: THE PUMP DOESN'T RUN**

- A:** Check the battery charge, recharge if necessary.
- A:** Check the battery connections, clean and re-secure if necessary.
- A:** Check the fuses and replace if required.

## **Q: THE BATTERY WILL NOT HOLD A CHARGE**

- A:** Verify that the loaded boat is not exceeding the weight capacity of the lift.
- A:** Ensure the solar panel is properly connected.
- A:** Re-align the solar panel for proper exposure to the sun.
- A:** Make sure the lift is not going down too slowly (see page 5).
- A:** Recharge the battery and check the charge again.
- A:** Have the battery tested. It may be old and require replacement.
- A:** If the lift is being used frequently during the day, it may be necessary to use a 110-volt trickle charger.

## **Q: THE REMOTE CONTROL IS NOT FUNCTIONING PROPERLY**

- A:** Verify that the red light on the remote control key fobs comes on when each button is pushed. If the light does not work, or is dim, replace the batteries.
- A:** Check the fuses and replace if required
- A:** Make sure the antenna wire on the master remote is connected properly.
- A:** Reprogram the remote key fobs.

## **Q: THE HAND HELD REMOTE KEY FOBS NEED TO BE REPROGRAMMED**

1. Turn on the power switch located on the top of the yellow control panel.
2. Locate the small red button to the right of the remote control receiver unit. This is the reprogramming button.
3. Push the reprogramming button for approximately 10 seconds. The control unit will "click" 3 or 4 times. Release the reprogramming button. Press and hold the UP button on one of the key fob remotes, until you hear the control unit click, and then release the button. Press the UP button on the next key fob remote, until you hear the control unit click, then release. Up to 3 key fobs can be programmed at the same time.
4. Wait 20 seconds.
5. Test all key fobs by individually pressing first the down button, pausing, and then the up button. Verify the lift direction visually.

## **Q: DOES THE LIFT HAVE TO GO ALL THE WAY UP?**

- A:** YES in order for your lift to function as intended the lift must ALWAYS be in the full upright position when the boat is unattended.

## **Q: IS MY BOAT SECURE?**

- A:** Yes, when you verify that the lift is Over-Center™ switch off the power and lock the pump box, there is less chance of theft.

## **Q: DO I NEED A MOORING LINE?**

- A:** Under most circumstances one mooring line is sufficient to prevent the boat from drifting away if the lift inadvertently lowers or the water level rises.

## **Q: HOW MUCH SUN DOES THE SOLAR PANEL NEED?**

- A:** The panel should receive constant sun for at least 8 hours a day.

## **Q: HOW OFTEN SHOULD I PERFORM MAINTENANCE?**

- A:** The lift requires very little maintenance once installed. We recommend inspecting the following every 6 months: the battery and oil fluid levels, the wire terminals for snugness and corrosion, the hoses, cylinders, and fittings for oil leaks and/or wear.

## **Q: IS THE HYDRAULIC FLUID SAFE FOR THE FISH?**

- A:** We use an EPA approved, vegetable oil-based fluid that is safe for the environment. This oil is different than food-grade oil. Only use Basta Marine approved fluid to top off, or re-fill, your hydraulic system.

## **Q: WHAT IF I GET A NEW BOAT?**

- A:** Re-leveling the boat lift and adjusting the flow control valve may be necessary. A new lift will be required if the boat exceeds the weight capacity of your current lift.

### **Product Information**

Serial #: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

Purchased from: \_\_\_\_\_

Contact name: \_\_\_\_\_

Phone number: \_\_\_\_\_

Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

