



Basta[®] Boatlifts

Over-Center[™] Hydraulic Steel Lift

12,000 lbs Capacity Model # 12k64

- ASSEMBLY
- INSTALLATION
- REPLACEMENT PARTS

**READ complete manual CAREFULLY
BEFORE attempting assembly or operation**



866-GO-BASTA
www.gobasta.com

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WARNING

NOTE: Your boat lift is a very 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">■ Visually inspect all parts and assemblies for defects and damage prior to assembling the lift.■ Do not install the lift alone.■ Install the lift on firm and level ground.■ Verify the lower frame of the lift is level before each use.■ Turn the power off during periods of non-use.■ This hoist is a heavy piece of equipment please use with care.■ The lift should not be used for any other purpose besides the lifting of boats & watercraft. | <ul style="list-style-type: none">■ Do not exceed the maximum weight capacity specified for the lift. SEE PAGE 14.■ Passengers should stand clear of the lift and not be aboard when the lift is in operation.■ Do not play on or near the lift.■ Leave your automatic bilge pump turned on the automatic setting to prevent the accumulation of rain water.■ Service your lift regularly.■ Do not service the unit with the boat on the lift.■ Use a mooring line for additional security.■ Only use Basta Marine approved oil in lift. Special biodegradable non-toxic hydraulic fluid part # Y354-0001 |
|---|---|



For a full list of patents, go to:
bastaboatlifts.com/patents





Before Using:

Read this manual completely!



INSPECT

the lift monthly

for frayed hoses, loose fasteners and corrosion

DO NOT



SUBMERGE POWER UNIT

⚠ DANGER


Avoid all moving parts to prevent death or serious injury



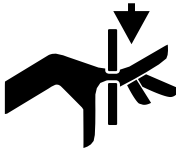
STAY CLEAR!

Exceeding lift capacity may result in structural failure, injury or death


⚠ WARNING



Do not use to lift humans



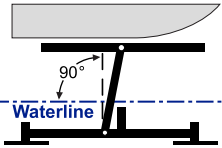
Power unit lid may close suddenly




Battery produces flammable hydrogen

Failure to properly position boat on lift could cause lift to become unstable

Always raise lift fully upright Over-Center (™) if boat is on lift unattended




Waterline



High pressure hydraulics can penetrate skin

OIL INJECTED INTO THE SKIN FROM HIGH PRESSURE LEAKS IN HYDRAULIC SYSTEMS CAN CAUSE SEVERE INJURY. MOST DAMAGE OCCURS DURING THE FIRST FEW HOURS. SEEK MEDICAL ATTENTION IMMEDIATELY. SURGICAL REMOVAL OF OIL MAY BE NECESSARY.

Before use always check that lift frame is level



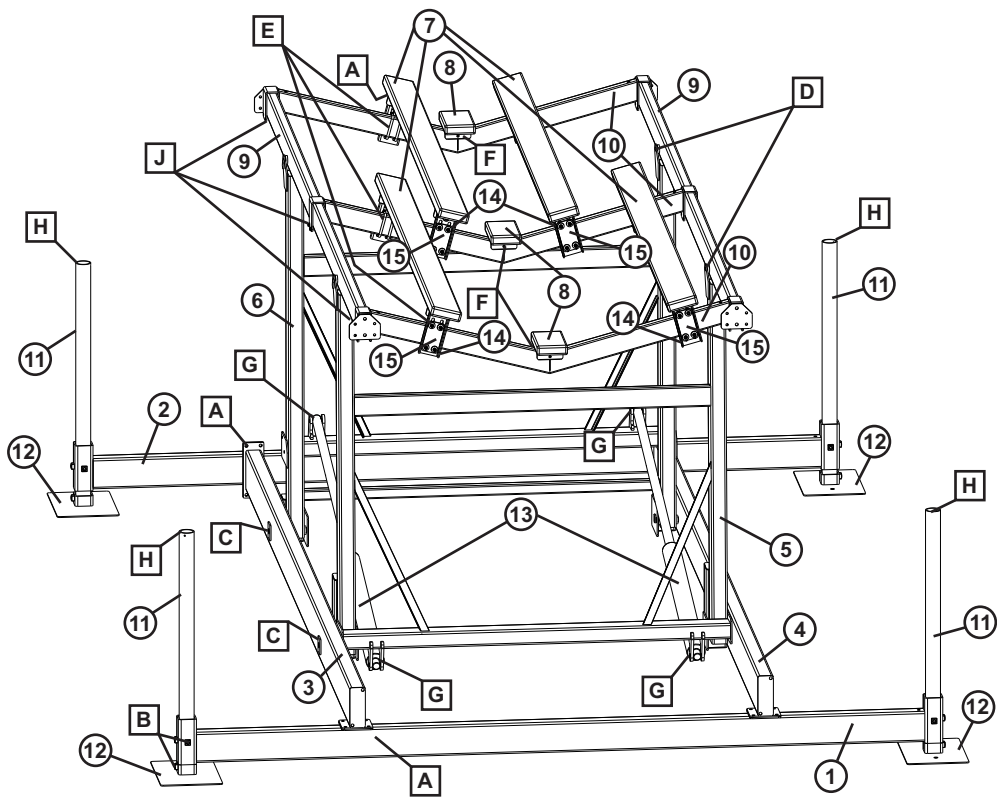
Waterline

USE ONLY BASTA APPROVED BIODEGRADABLE HYDRAULIC FLUID

After the lift is assembled and installed, all fasteners should be checked for proper tightness and reinspected periodically.

In the following pages various symbols are used:

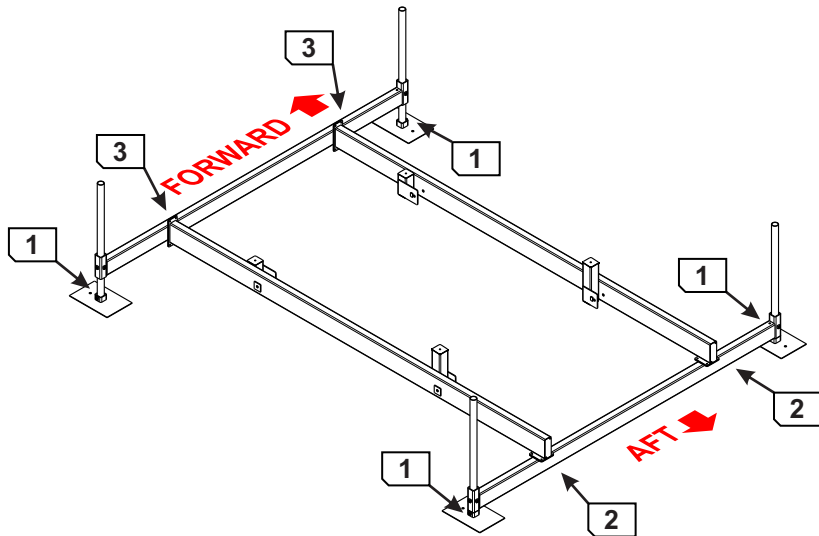
- 1** indicates an illustration for a procedure.
- 2** indicates a major part described in the parts list on page 4.
- A** or **A1** indicate hardware items shown above and described in the parts list on page 4.



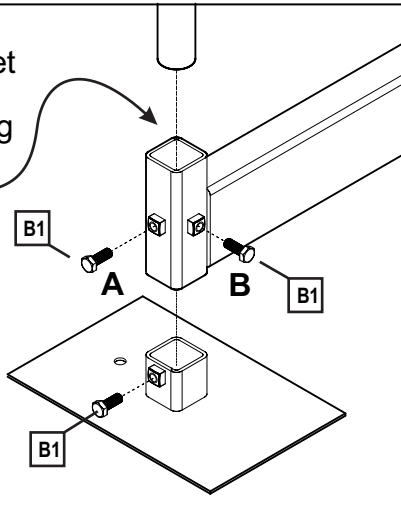
Assembly Item List **Note:** Items A-K referred to as sets (i.e., C = bolt, washer, nut)

PART #	ITEM #	DESCRIPTION	QTY	PART #	ITEM #	DESCRIPTION	QTY
W110-0021	1	Aft Crossmember	1	S362-0014	C	Nylon Insert Lock Nut 1 SS	4
W110-0020	2	Forward Crossmember	1	S313-0015	C	Washer Flat 1 SS	4
W104-0012	3	Left Side Rail	1	S103-0912	D	Hex Cap Screw 3/4 x 5 SS	4
W104-0013	4	Right Side Rail	1	S362-0012	D	Nylon Insert Lock Nut 3/4 SS	4
A431-0005	5	Aft H-Frame	1	S313-0013	D	Washer Flat 3/4 SS	4
A431-0006	6	Forward H-Frame	1	S170-6601	E	U-bolt Square 7/16 x 4-1/8 x 3	16
A428-0031	7	Bunk Board Assembly	4	S362-0009	E	Nylon Insert Lock Nut 7/16	32
W410-0072	8	Keel Block, Carpeted	3	S313-0009	E	Washer Flat 7/16 SS	32
A427-0006	9	Bunk Rail	2	S341-0007	F	Hex Nut 5/16 Galv.	12
W113-0011	10	Bunk Chevron	3	S312-0007	F	Washer Flat 5/16 Galv.	12
K200-0073	11	Adjustable Support Leg	4	S321-0007	F	Washer Lock 5/16 Galv.	12
W116-0006	12	Foot Pad	4	S503-0013	G	Clevis Pin 3/4 x 3-1/2 SS Hardened	4
H310-0017	13	Dual Hydraulic Cylinder Kit	1	S522-0801	G	Ring Type Cotter Pin	4
K204-0116	14	Bunk Stanchion	8	F730-0013	H	Plastic Cap 2-1/2 Round	4
K204-0160	15	Bolt plate	8	S103-0515	J	Hex Cap Screw 3/8 x 3-1/2 SS	12
S103-0707	A	Hex Hd Screw 1/2 x 1-1/2 SS	24	S362-0008	J	Nylon Insert Lock Nut 3/8	12
S362-0010	A	Nylon Insert Lock Nut 1/2 SS	24	S313-0008	J	Washer Flat 3/8 SS	24
S313-0010	A	Washer Flat 1/2 SS	48				
S166-6812	B	Hex Hd Set Screw 5/8 x 1 1/2 SS	12	L129-0001	-	Key Fob Float	2
S103-1020	C	Hex Cap Screw 1 x 9 SS	4	Y356-0003	-	Anti-seize grease packet	2

ASSEMBLY INSTRUCTIONS



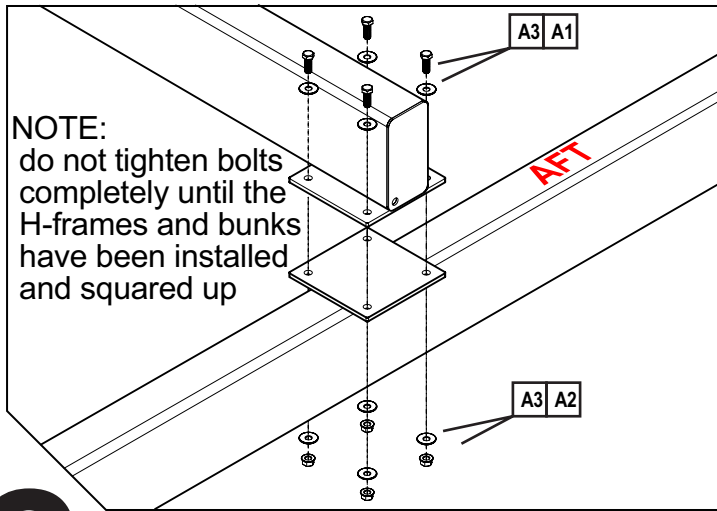
NOTE:
alternate between set
screws A & B while
tightening to push leg
securely into corner
of leg socket



1

Foot and Leg Sockets

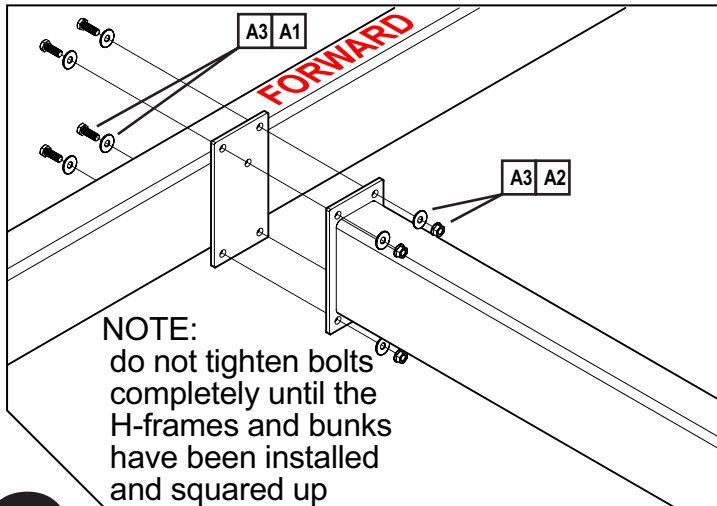
QTY 12: 5/8 x 1 1/2 hex head set screws



Apply a small amount of grease to bolt threads

2 Aft Crossmember

QTY 8: 1/2 x 1 1/2 bolts
QTY 16: 1/2 flat washers
QTY 8: 1/2 lock nuts

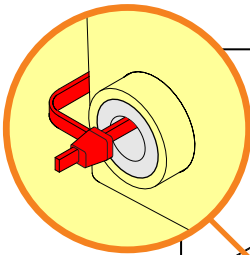
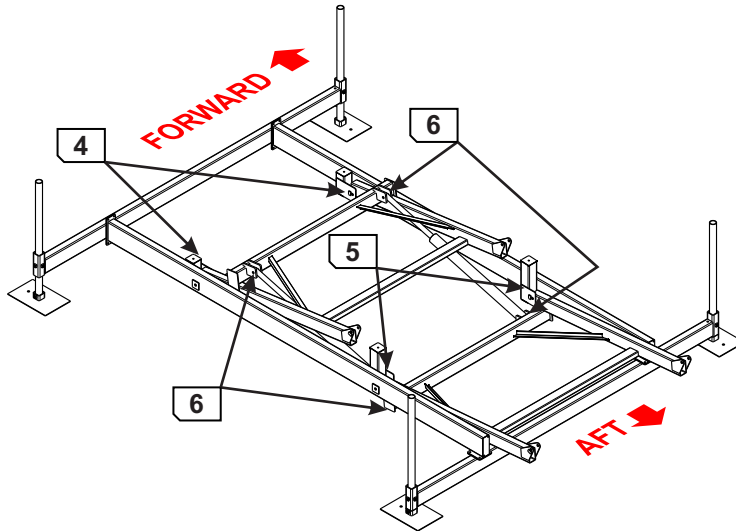


Apply a small amount of grease to bolt threads

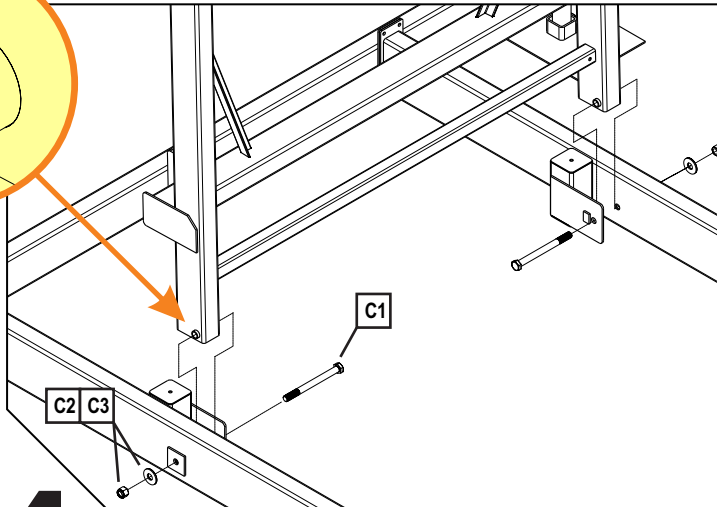
3 Forward Crossmember

QTY 8: 1/2 x 1 1/2 bolts
QTY 16: 1/2 flat washers
QTY 8: 1/2 lock nuts

ASSEMBLY INSTRUCTIONS



NOTE:
remove ties



Apply a small amount of
grease to bolt threads

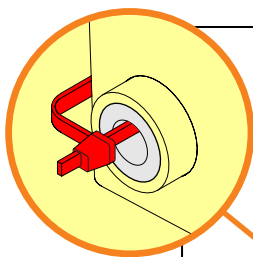
4

Forward H-Frame

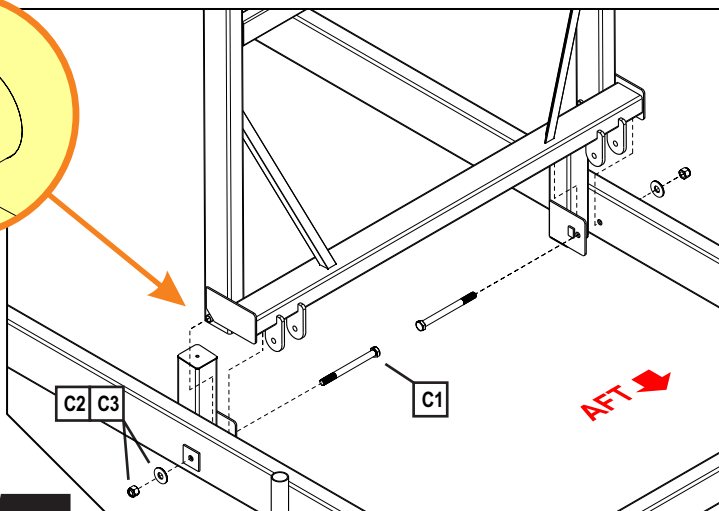
QTY 2: 1" x 9 bolts

QTY 2: 1" flat washers

QTY 2: 1" lock nuts



NOTE:
remove ties



Apply a small amount of
grease to bolt threads

5

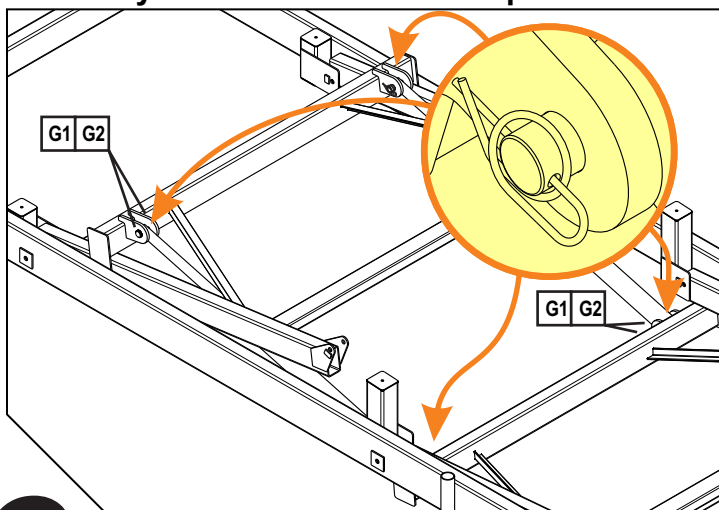
Aft H-Frame

QTY 2: 1" x 9 bolts

QTY 2: 1" flat washers

QTY 2: 1" lock nuts

Install cylinder with lift in 'down' position



6

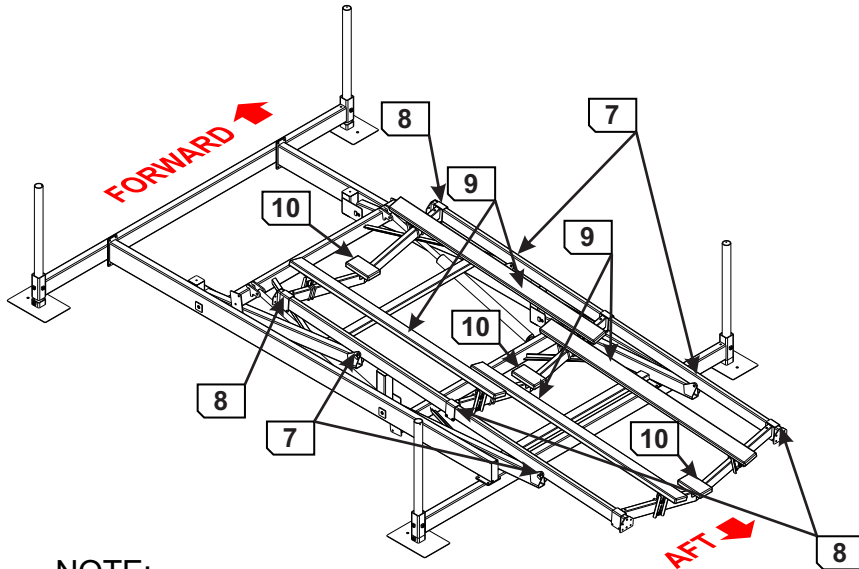
Cylinder

QTY 4: 3/4 x 3 1/2 clevis pins

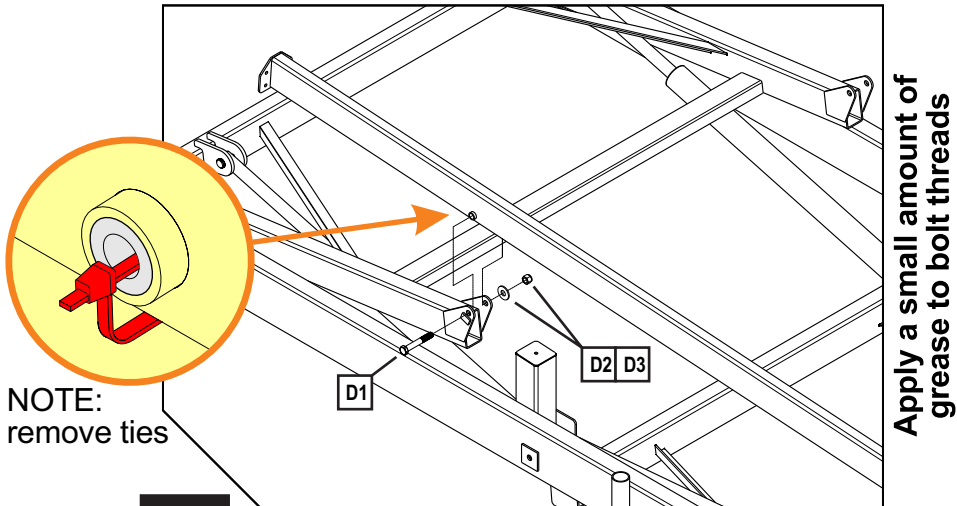
QTY 4: ring type cotter pins

NOTE: install cylinders with hydraulic
fittings toward center of lift

ASSEMBLY INSTRUCTIONS



NOTE:
after bunks are installed,
adjust the base frame to be square and level,
then tighten bolts left loose in steps 2 & 3



7

Bunk Rails

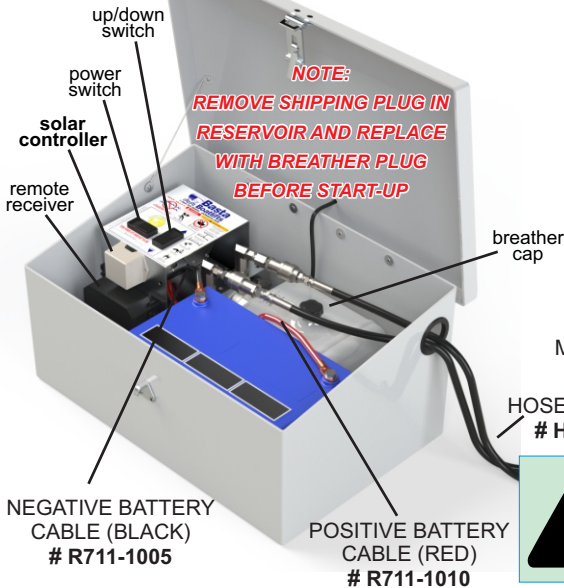
QTY 4: 3/4 x 5 bolts
QTY 4: 3/4 flat washers
QTY 4: 3/4 lock nuts

CONNECT POWER UNIT

COMPLETE POWER PACKAGE
H653-0012

DO NOT SUBMERSE
Keep inside dry
Prevent unauthorized use -
KEEP BOX LOCKED

FEMALE QUICK COUPLER
H700-0025



MALE QUICK COUPLER
H700-0024

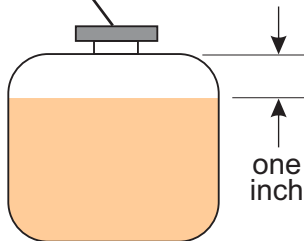
HOSE ASSEMBLY
H123-0028



Ensure each Quick Coupler is completely seated and tight with no gap at the connection joint.

Connection must be **tight** to open internal check valve and allow fluid to flow. **USE PLIERS**

REPLACE SHIPPING PLUG
WITH BREATHER CAP
(ATTACHED TO CONTROL PANEL)



hydraulic fluid level with
lift in DOWN position

1. The Hydraulic Power Unit will arrive fully assembled. Make sure all the connections are snug to prevent leaks or loss of power to the unit.
2. Install a Group 31 Deep Discharge AGM Battery as shown above. Be sure to connect the Red Battery Cable to the positive terminal and the Black Battery Cable to the negative terminal.

NOTE: Ensure battery cables are correctly connected and their terminals are tight (use a wrench).

3. Replace the reservoir tank shipping plug with the included breather plug.
4. Slide the Hydraulic Hose Assembly through the access hole in the side of the fiberglass Enclosure and attach the ends to their corresponding Quick Couplers.
5. Plug the cable from the Solar Panel into the connector with yellow & black wires that comes from the Solar Controller (shown on next page).
6. Read Operating Instructions on Page 14.
7. Test the lift on dry ground using the Up/Down Switch and the Key Fob Transmitters. Inspect the system for leaks.

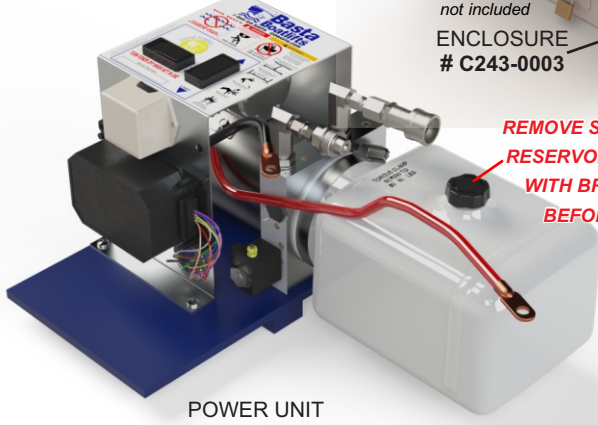
8



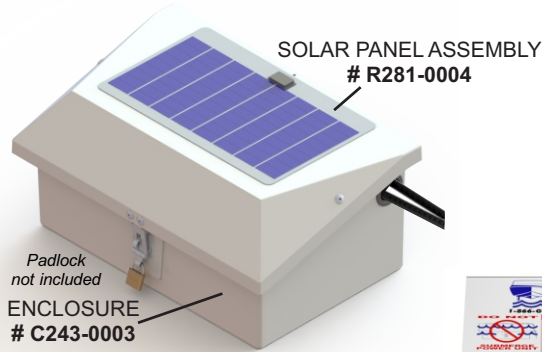
NOTE: always turn unit OFF when not in use

POWER SYSTEM COMPONENTS

NOTE: pump appearance may vary



POWER UNIT ASSEMBLY
H603-0011

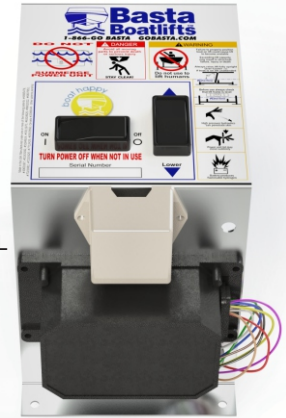


Padlock not included
ENCLOSURE
C243-0003

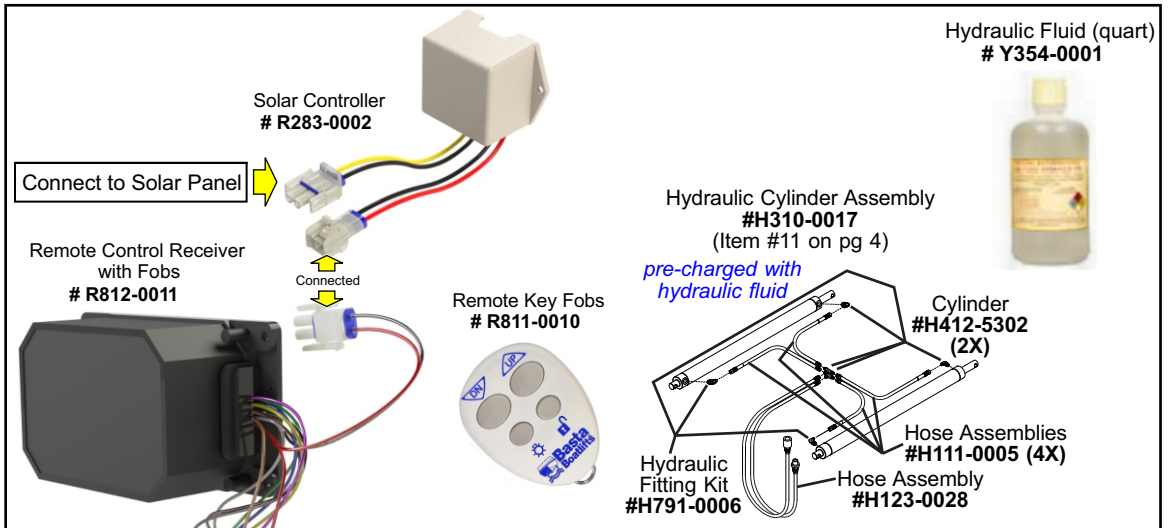
NOTE:
REMOVE SHIPPING PLUG IN
RESERVOIR AND REPLACE
WITH BREATHER PLUG
BEFORE START-UP

CONTROL PANEL ASSEMBLY
R815-0008

pre-wired
with wiring
harness

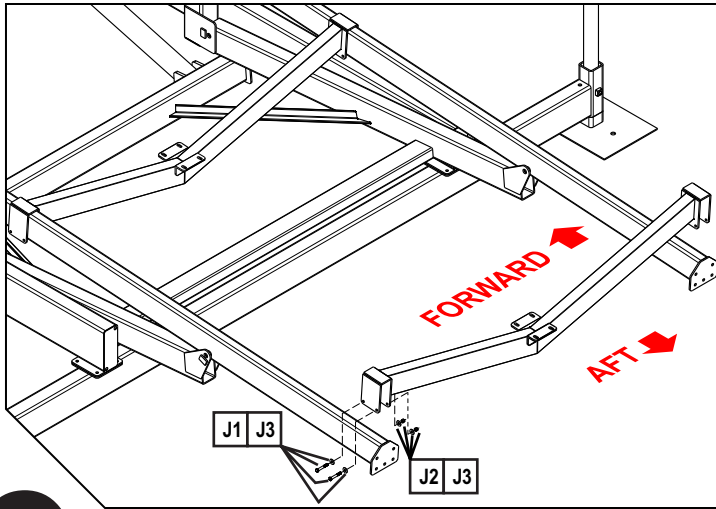


Please order replacement parts by PART NO. and DESCRIPTION



BATTERY SAFETY IS IMPORTANT

Follow all battery manufacturer's warnings and safety information.



Apply a small amount of grease to bolt threads

9

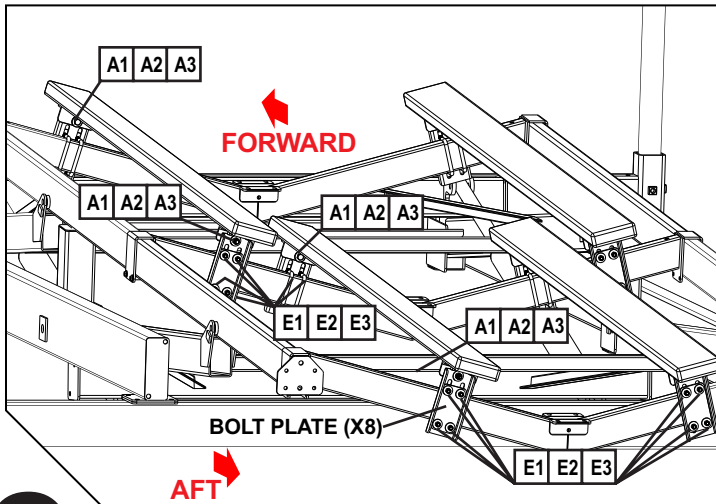
Bunk Chevrons [3 places]

QTY 12: 3/8 x 3-1/2 bolts

QTY 24: 3/8 flat washers

QTY 12: 3/8 lock nuts

NOTE: LEAVE LOOSE UNTIL BUNKS ARE INSTALLED IN STEP 10



Apply a small amount of grease to bolt threads

10

Bunks [4 places]

QTY 16: 7/16 x 3 x 4-1/8 U-bolts

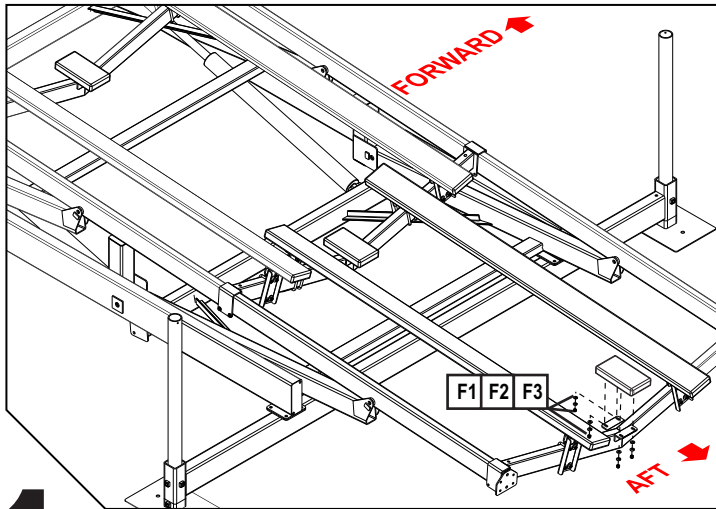
QTY 32: 7/16 flat washers

QTY 32: 7/16 lock nuts

QTY 8: 1/2 x 1-1/2 bolts

QTY 16: 1/2 flat washers

QTY 8: 1/2 lock nuts



11

Keel Block [3 places]

QTY 12: 5/16 lock washers

QTY 12: 5/16 flat washers

QTY 12: 5/16 hex nuts

12

Adjust the base frame to be square and level.

13

Confirm that all bolts are properly tightened and the lift has been properly assembled.

14

Lower the lift completely, then raise it slightly.

Disconnect the hydraulic hose quick couplers in the Power Unit box to separate it from the lift.

15

Move the lift into its operational position.

Re-connect the hydraulic hose quick couplers in the Power Unit box.

Adjust the base frame to be square and level.

Tighten the leg set screws completely.

15

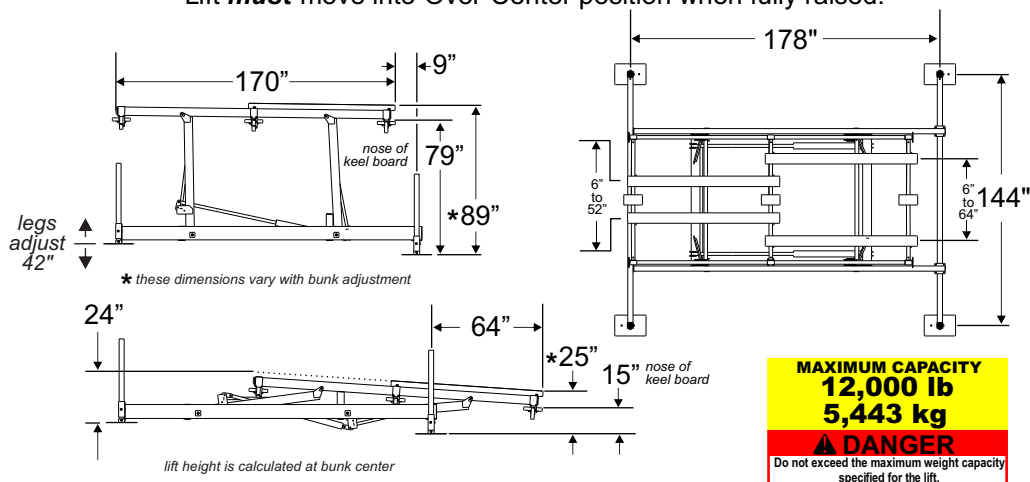
Adjust the height and position of the bunks so that the boat's keel will rest lightly on the keel blocks.

FIRST USE AND ADJUSTMENTS

First test lift on dry ground for oil leaks, remote control function and correct operation.

IMPORTANT: After installation, the legs MUST be adjusted so that the lift frame is level.

Lift **must** move into Over-Center position when fully raised.



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.

- Place the boat over the lift to the following specifications:
 - If your boat is an outboard, inboard/outboard, or V-drive, the transom should be 2 inches off of the ends of the bunk boards.
 - If your boat is a mid-engine or shaft-drive, the transom should be 12 to 24 inches off of the ends of the bunk boards.
 - The height of the bunks should be adjusted to contact the hull for as long a distance as practical with the boat's keel resting on the keel blocks. The bunks should be placed as widely as possible to provide stability, while avoiding anything protruding from the hull.
- Disembark and raise the boat. If more than two inches of settling occurs, STOP, carefully lower the lift to remove the boat and re-level the lift. Continue repeating this step until the boatlift can be raised into the full Over - Center™ position without settling.
- Remove the boat. Verify that the lift frame is level. Re-level the framework if necessary.

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.

MAINTENANCE

Your Basta Boatlift™ requires very little maintenance once installed.

Occasionally wipe the solar panel with a clean, damp cloth to preserve its charging performance.

Every 6 months, we recommend:

Verify that the lift frame is level and adjust the legs as necessary.

Inspect the hoses, cylinders and fittings for leaks and wear. Tighten or replace as needed.

Check the wire terminals for snugness and corrosion.

Check the battery and oil levels:

The battery electrolyte in a flooded cell type battery should be slightly above the indicator ring in each cell. Carefully add DISTILLED water if necessary. Do not over-fill. AGM type batteries are sealed and do not require maintenance.

The hydraulic fluid level should be about one inch below the top of the reservoir with the lift DOWN. DO NOT add fluid with the lift in the raised position!

Use only Basta approved fluid.

We recommend Chevron Clarity® AW ISO 32 hydraulic fluid.

TROUBLESHOOTING PROBLEMS AND FAQ

Q: HOW DOES THE REMOTE CONTROL WORK?

POWER-UP

At power-up the remote fob function has a ten second delay. Failure to wait for this ten seconds can make the wait time much longer.

LIFT OPERATION

The remote fob is non-functional until it is enabled by depressing the lower right unlock button momentarily. After the initial ten second delay, depressing the unlock button enables operation using the remote fob. **The lockout is re-enabled after 60 seconds without a button press.**

Lift operation using the fob is limited to 120 seconds of continuous operation. If a longer cycle is needed it is necessary to release and then re-depress the button.

LOW BATTERY LOCKOUT

This control incorporates a low voltage lockout which is intended to protect the battery from abuse and over-discharge. When the battery drops below the low battery threshold during pump operation, further activation using the Fob is not allowed. The battery needs to be checked prior to further operation. The manual switches will allow the lift to operate if sufficient battery power is present.

FOB PROGRAMMING

At initial power up there is a five second window when it is possible to reprogram the receiver to enroll a remote fob. Up to four fobs may be enrolled. If a fifth fob is enrolled, the first enrolled fob will fall off the list.

To enroll a fob, turn off the power to the lift for fifteen or more seconds. When power is turned back on press both the UP and DOWN buttons on the fob simultaneously. This must be done within the first five seconds after power is applied.

LIGHTING CIRCUIT

The lighting circuit is activated whenever the lift is operated. The lights stay on for 2 minutes after the lift is operated

The lights may be manually turned on or off by depressing the lower left button on the remote Fob. When manually enabled the lights will automatically turn off after 4 minutes. This is prevents accidental battery discharge.

STORAGE

Always leave the boat in the fully raised, Over-Center™ position with the power off.

FOR ASSISTANCE OR SERVICE:

Contact your local dealer or call 1 - 866 - GO - BASTA
website: www.gobasta.com email: info@gobasta.com

Q: THE BATTERY WILL NOT HOLD A CHARGE

A: Verify that the loaded boat is not exceeding the weight capacity of the lift. If the battery is a flooded-cell type, check the electrolyte level.

A: Ensure the solar panel is properly connected.

A: Re-align the solar panel for proper exposure to the sun.

A: Recharge the battery with a 10 amp charger 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 maintainer/charger.

Q: THE REMOTE CONTROL IS NOT FUNCTIONING

A: The battery in the key fob transmitter may be low. Replace it with a new lithium CR2032. These are widely available at variety, hardware and even grocery stores. Polarity is marked on the battery holder.

A: Verify that the power unit battery is charged and connections are tight.

A: Reprogram the remote key fobs.

Q: THE PUMP DOESN'T RUN

A: Check the battery charge and recharge if necessary.

A: Check the battery connections, clean and re-secure if necessary.

Q: THE PUMP RUNS, BUT THE LIFT DOESN'T MOVE

A: Check the 'quick couplers' in the Power Unit. If they are not screwed together tight enough, built-in check valves will not allow fluid to flow. See Page 10.

A: Check the fluid level. See Page 10.

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 stored in the full upright position when the boat is unattended.

Q: IS MY BOAT SECURE?

A: Yes, once you verify that the lift is Over-Center™, switch off the power and lock the power unit 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 is inadvertently lowered 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 DO I CHANGE THE HYDRAULIC FLUID?

A: Our fluid should not require replacement for a considerable amount of time. If yours has been contaminated or the hydraulic power unit has been replaced, visit our web site at www.gobasta.com for detailed instructions.

Q: IS THE HYDRAULIC FLUID SAFE FOR THE FISH?

A: We use a special low-toxicity hydraulic fluid that is safe for the environment. This fluid is different than food-grade oil. Only use Basta Boatlifts approved fluid in your hydraulic system.

Q: WHAT IF I GET A NEW BOAT?

A: Re-leveling the boat lift may be necessary. A new lift will be required if the boat exceeds the weight capacity of your current lift.

Basta Boatlifts Limited Warranty



**Basta
Boatlifts**

Thank you for investing in one of the finest PWC lifts in the world. We pride ourselves in knowing our product will safely and reliably be the conduit to your fun on the water. Welcome to the Basta Boatlifts family and Boat Happy!

Basta Inc. dba Basta Boatlifts ("Company") warrants its Products (purchased after November 1st, 2021) for non-commercial use for a period of,

- 16 years against manufacturing defects in steel and aluminum lift frame welds.
- 3 years against defects in materials and workmanship including hydraulic components, charging system, remote controls, dock box, bunks, canopies, and accessories.
- 1 year battery warranty when maintained in accordance with battery manufacturer's guidance for batteries supplied by the Company,

to the original Purchaser ("Purchaser"), beginning from date of purchase of the Product from Company. If the Product is purchased from an authorized Company Reseller, the warranty term begins upon the date the new Product is sold to the end Purchaser ("Warranty Start Date").

Annual inspection of the Product bolts, pins, hydraulics, pump, electronics, and welds, by a Company employee or Company authorized agent, shall be conducted. Failure to undertake such maintenance shall constitute "abuse" under Exclusions below.

Company has the right to modify Products at any time without incurring any obligation to make the same or similar modifications on Products previously manufactured or purchased.

Terms And Conditions:

Purchaser must register Product for a valid Warranty. Warranty registration may be found and submitted at:

<https://bastaboatlifts.com/support>.

Notice requirements and remedies:

If the Purchaser discovers a defect, the purchaser shall immediately notify the Company in writing by submission of a Warranty Claim form. Warranty Claim forms may be found and submitted at <https://bastaboatlifts.com/support>. Upon receipt of a complete Warranty Claim form and after confirmation by Company that the Product is defective, the Company, or its authorized Company dealer or agent, will, at the Company's sole discretion:

- 1- repair the Product or,
- 2-replace the defective part with a new or reconditioned part, or
- 3-refund the purchase price of the Product.

Confirmation of the defect shall require that reasonable proof of the defect be provided by Purchaser to Company or Company authorized agent, and may include that the Product or part be returned to Company for inspection at the Purchaser's initial expense. If the Purchaser chooses to order a replacement part prior to the final determination of the warranty claim, Purchaser will be responsible for the cost of the replacement part and its shipping. If the part is determined to be a valid warranty claim, the customer will be credited the amount of the replacement part and its shipping. Replacement parts for Products outside the United States will be shipped in the next authorized Dealer shipment unless

Purchaser agrees to pay for door to door freight of warranted Product. Warranty replacement shall not extend the original warranty of the defective Products. Labor for warranty work to be provided by the Company's Authorized dealer for a period of 3 years from Warranty Start Date, provided there is an active Authorized Dealer within 50 miles of the location of the Product. Labor will not be provided for direct purchases from Company or when an active Authorized Dealer is not located within 50 miles of the location of the Product.

Warranty requests received after expiration of warranty term will not be covered under this warranty regardless of when the defect occurred or was discovered.

Confirmation of the defect shall require that reasonable proof of the defect be provided by Purchaser to Company or Company authorized agent, and may include that the Product or part be Returned to Company for inspection at the Purchaser's initial expense. Replacement parts for Products outside the United States will be shipped in the next authorized Dealer shipment unless Purchaser agrees to pay for door to door freight of warranted Product. Warranty replacement shall not extend the original warranty of the defective Products.

Labor for warranty work to be provided by the Company's Authorized dealer for a period of 3 years from Warranty Start Date, provided there is an active Authorized Dealer within 50 miles of the location of the Product. Labor will not be provided for direct purchases from Company or when an active Authorized Dealer is not located within 50 miles of the location of the Product.

Warranty requests received after expiration of warranty term will not be covered under this warranty regardless of when the defect occurred or was discovered.

Exclusions:

Product changes caused by age or environment (such as marine growth, heat, corrosion or electrolysis) shall not constitute a defect. In addition, this warranty does not cover or apply to the following: damages caused by or due to without limitation: accidents, collision, fire, flood, wind, ice, or any other natural disaster or acts of God, abuse, misuse, overloading, improper watercraft loading, use when out of level, faulty assembly or installation. Lift components' fluid levels and condition, including battery electrolyte (water and acid), hydraulic fluid and strainer cleaning are maintenance items and are not covered by this warranty. Sacrificial anodes (zincs), cosmetic concerns and custom coatings are not covered by this warranty.

Warranty is void if the Product has been modified in any way or if any Company serial number has been removed or defaced. Product purchased from Company, but used on non-Company Products are excluded from this warranty.

Limitations:

To the maximum extent permitted by law except as expressly stated herein, there are no warranties, expressed or implied, by operation of law or otherwise, of the Product furnished under this Agreement. Seller disclaims any implied warranty of merchantability or fitness for a particular purpose. The sole remedy for liability of any kind shall be limited to the remedies provided in this warranty and shall in no event include any incidental, indirect, special or consequential damages or loss of use, revenue or profit. Should the company nevertheless be found liable for any damages, the total liability of the company shall be limited to the purchase price of the Product.