



MODEL # 7.8k56

REPLACEMENT PARTS ■
INSTALLATION ■
ASSEMBLY ■



Over-Center™ Hydraulic Aluminum Boat Lift

7,800 lbs / 3,538 kg Capacity

■ 866.GoBasta
■ www.gobasta.com
■ © Basta, Inc. 2023

Specifications subject to change.

03/23 L392-0101G

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DANGER

STAY



CLEAR!

Always avoid being under, and maintain adequate clearance from, the boat lift. Failure to follow this instruction can cause serious injury or death.



Always use AGM batteries and follow battery manufacturer's warnings and instructions. Improper use, or use of other batteries, have the potential to produce flammable hydrogen gas which can result in serious injury or death.



WARNING



Never exceed lift capacity set forth in manual and on H-frame of the boat lift. Improper use or failure to follow this instruction can cause property damage, serious injury, or death.



Never use for lifting humans or animals. Improper use or failure to follow this instruction can cause property damage, serious injury, or death.



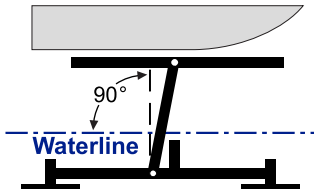
Always carefully review complete manual before any assembly or use of the product. Improper use or failure to follow instructions or warnings in manual can cause property damage, serious injury, or death.

- 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.

- 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.

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

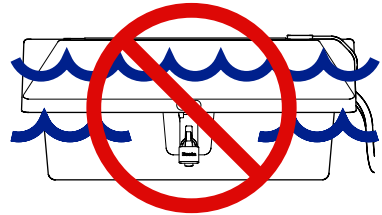
Always raise lift fully upright
Over-Center ^(TM)
if boat is on lift unattended



INSPECT
the lift monthly

for frayed hoses, loose
fasteners and corrosion

DO NOT



**SUBMERGE
POWER UNIT**

In the following pages various symbols are used:

1 indicates an illustration for a procedure.

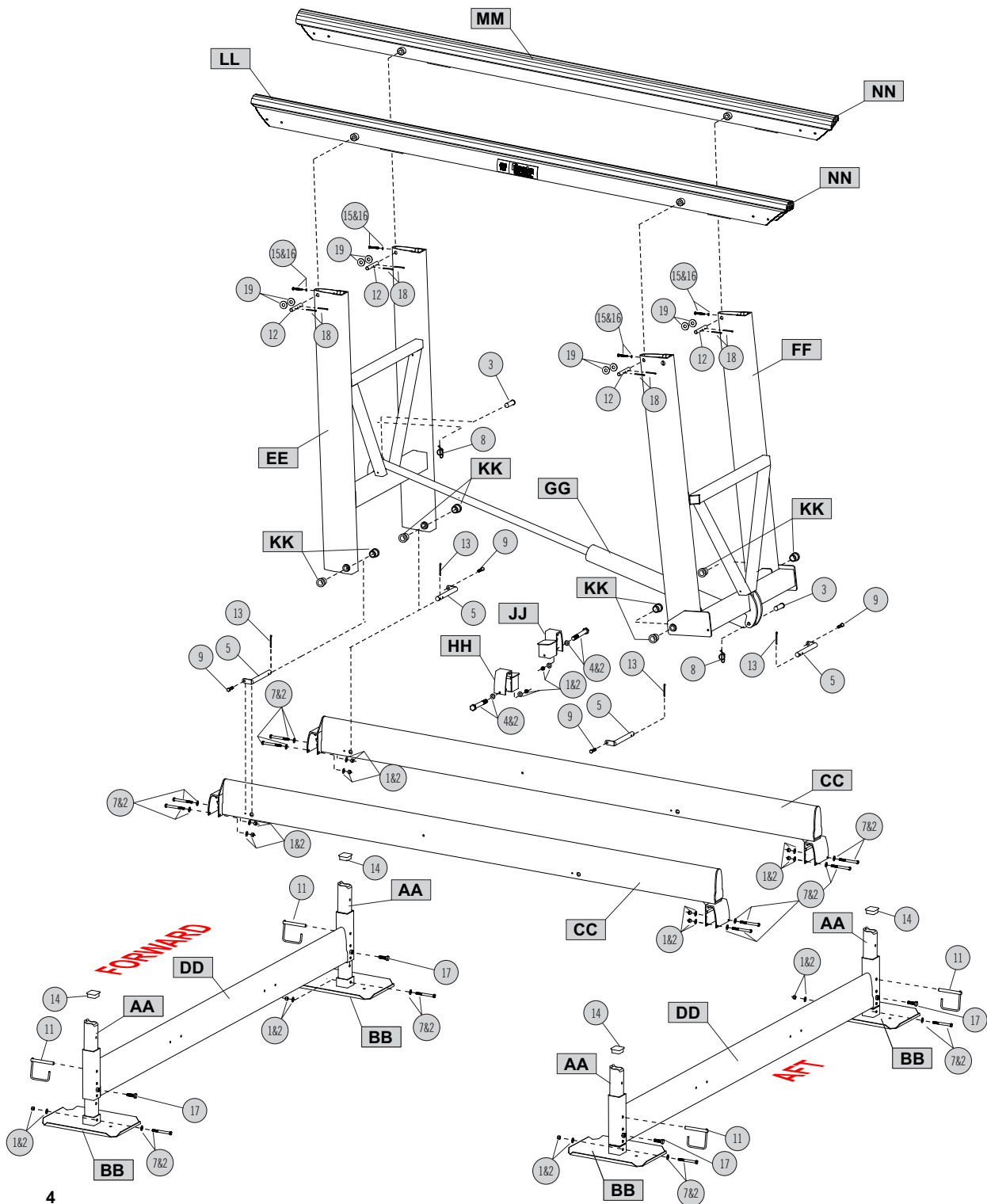
AA indicates a major part described in the parts list on pages 4 and 5.

(23) or **(1&2)** indicate hardware items shown above and described in the parts list on pages 4 and 5.

MAXIMUM CAPACITY
7,700 lbs
3,538 kg

! DANGER

**Do not exceed the maximum weight capacity
specified for the lift.**

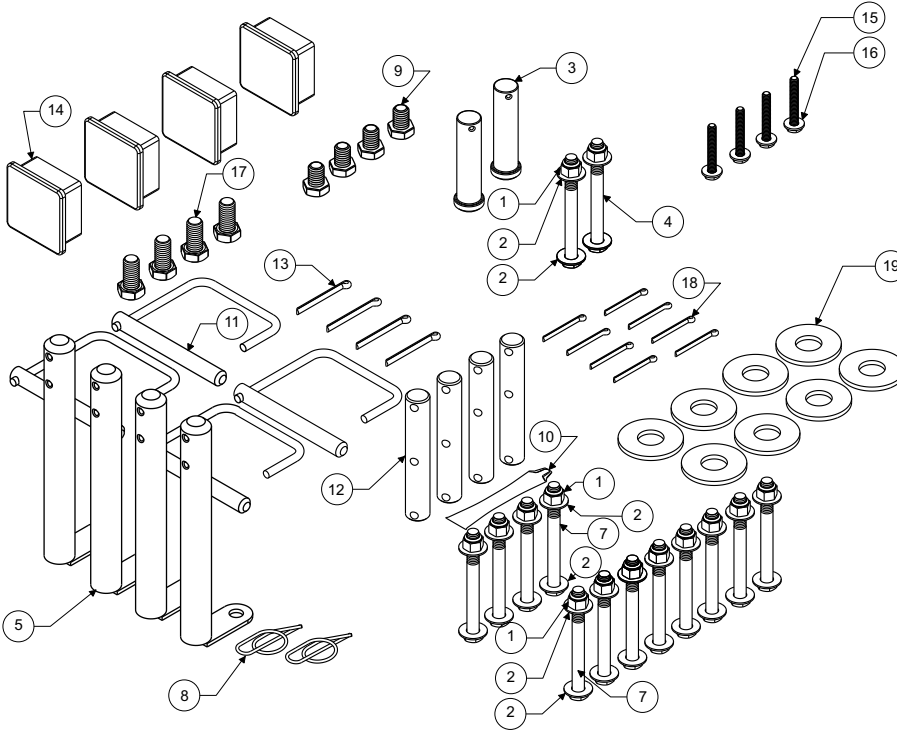


MECHANISM PARTS LIST

SEE PAGES 13 & 14 FOR ELECTRICAL AND HYDRAULIC PARTS

ITEM	PART NO.	DESCRIPTION	QTY.
AA	K200-0001	Leg	4
BB	W117-0001	Foot Pad	4
CC	W105-0013	Side Rail	2
DD	W111-0018	Base Crossmember	2
EE	A431-0038	H-frame, Forward	1
FF	A431-0037	H-frame, Aft	1
GG	SEE PG. 13	Hydraulic Cylinder	1
HH	W107-0006	Stop Block, Left	1
JJ	W107-0007	Stop Block, Right	1
KK	M621-1002	Base Pivot Bushing	8

ITEM	PART NO.	DESCRIPTION	QTY.
LL	A427-0029	Bunk Rail Assembly, Left	1
MM	A427-0030	Bunk Rail Assembly, Right	1
NN	K204-2122	Bunk Cushion (part of LL, MM)	(2)
N/A	W114-0015	Bunk Rail Weldment, Left (part of LL)	(1)
N/A	W114-0016	Bunk Rail Weldment, Right (part of MM)	(1)
N/A	K204-0198	Mounting Bar, Bunk (part of LL, MM)	(6)
N/A	S313-0007	Washer, Flat 5/16 SS (part of LL, MM)	(6)
N/A	S362-0007	Lock Nut, 5/16-18 SS (part of LL, MM)	(6)
N/A	M621-1009	Bunk Pivot Bushing (part of LL, MM)	(8)

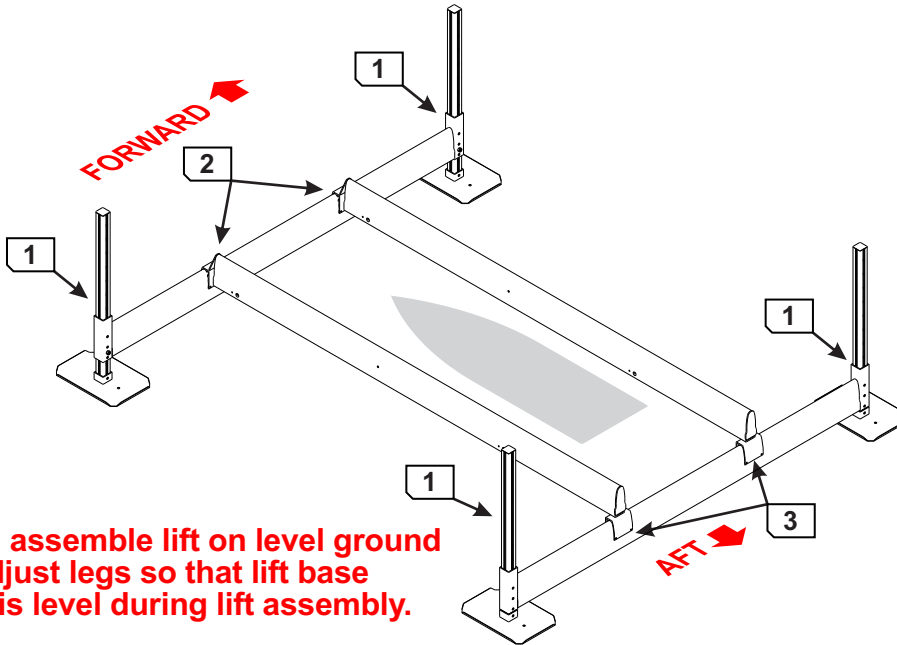


ITEM	PART NO.	DESCRIPTION	QTY.
1	S362-0008	nut, 3/8-16 nylock SS	14
2	S313-0008	washer, flat 3/8 SS	28
3	S503-0013	clevis pin, 3/4 x 3.5 SS hardened	2
4	S103-0517	bolt, hex head 3/8-16 x 4 SS	2
5	S503-0012	base pivot pin SS	4
6	—	*item removed*	-
7	S103-0516	bolt, hex head 3/8-16 x 3.75 SS	12
8	S522-0801	ring cotter pin .091 x 3/4 SS	2
9	S103-0503	bolt, hex head 3/8-16 x 3/4 SS	4
10	Y356-0003	anti-seize grease packet	1

ITEM	PART NO.	DESCRIPTION	QTY.
11	S532-1801	P pin, SS	4
12	S503-0020	bunk pin, SS	4
13	S520-1706	cotter pin 3/16 x 2.0 SS	4
14	F730-0021	plastic cap for 2-1/2" OD sq tube	4
15	S103-0338	bolt, hex head 1/4-20 x 1.75 full thread SS	4
16	S322-0006	washer, lock 1/4 SS	4
17	S103-0705	bolt, hex head 1/2-13 x 1.0 SS	4
18	S520-1604	cotter pin 5/32 x 1.5 SS	8
19	S313-0013	washer, flat 3/4 SS	8
N/A	L129-0001	key fob floats	2

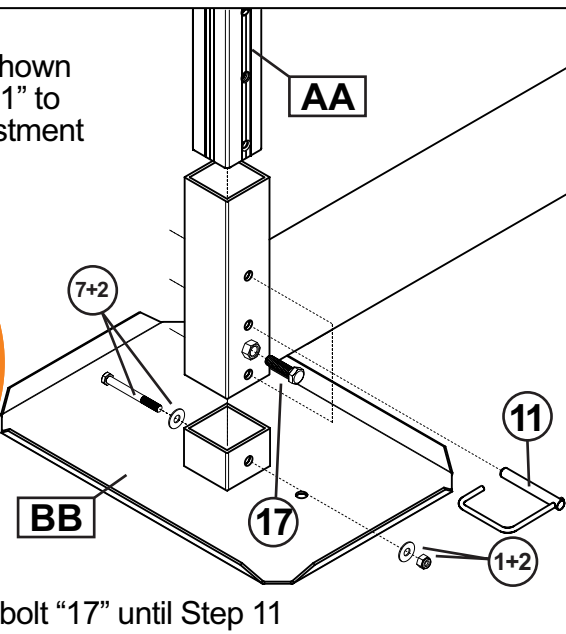
ASSEMBLY INSTRUCTIONS

NOTE: use a small amount of 'moly' lube on bolt threads



Feet and Legs [4 places]

NOTE:
the 3 different holes shown
can be used for pin "11" to
allow fine height adjustment
after installation

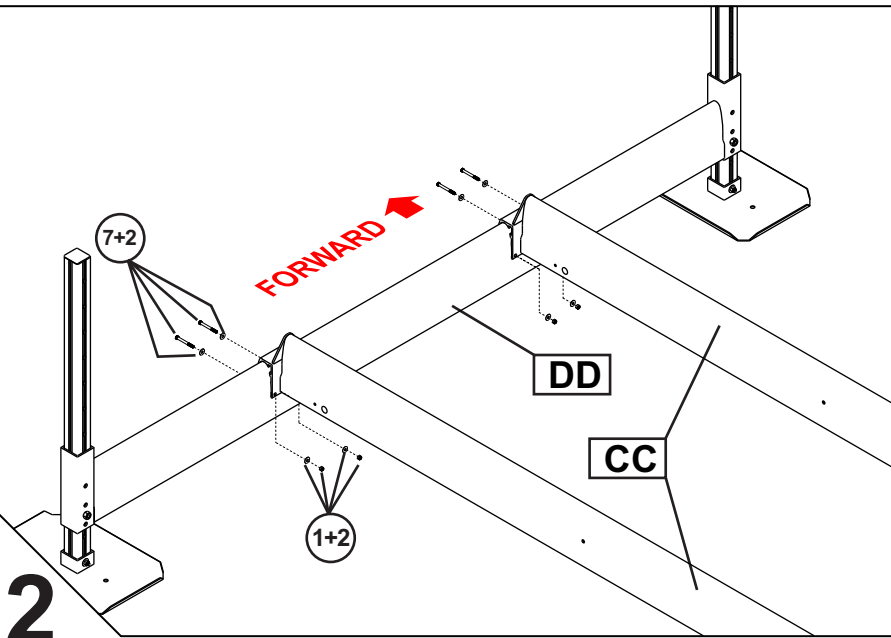


NOTE:
do not tighten bolt "17" until Step 11

- QTY 4: 3/8 x 3.75" bolts ("7")
- QTY 4: 3/8 nylon insert lock nuts ("1")
- QTY 8: 3/8 flat washers ("2")
- QTY 4: leg P pins ("11")
- QTY 4: 1/2 x 1.0" bolts ("17")

Assemble lift on level ground and adjust legs so
that lift base frame is level during lift assembly.

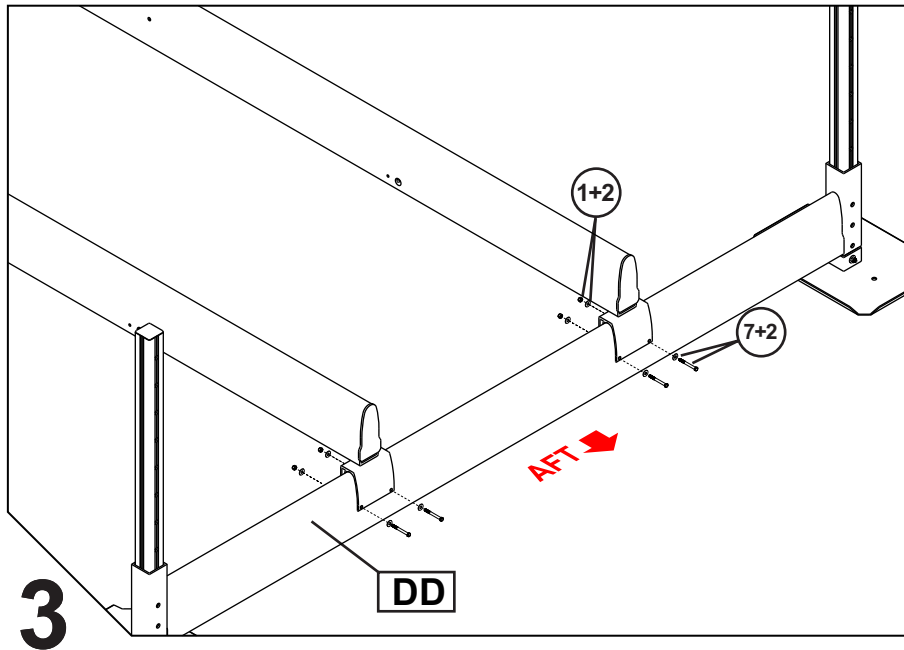
Forward Crossmember



Assemble lift on level ground and adjust legs so that lift base frame is level during lift assembly.

QTY 4: 3/8 x 3.75" bolts ("7")
 QTY 8: 3/8 flat washers ("2")
 QTY 4: 3/8 nylon insert lock nuts ("1")

Aft Crossmember

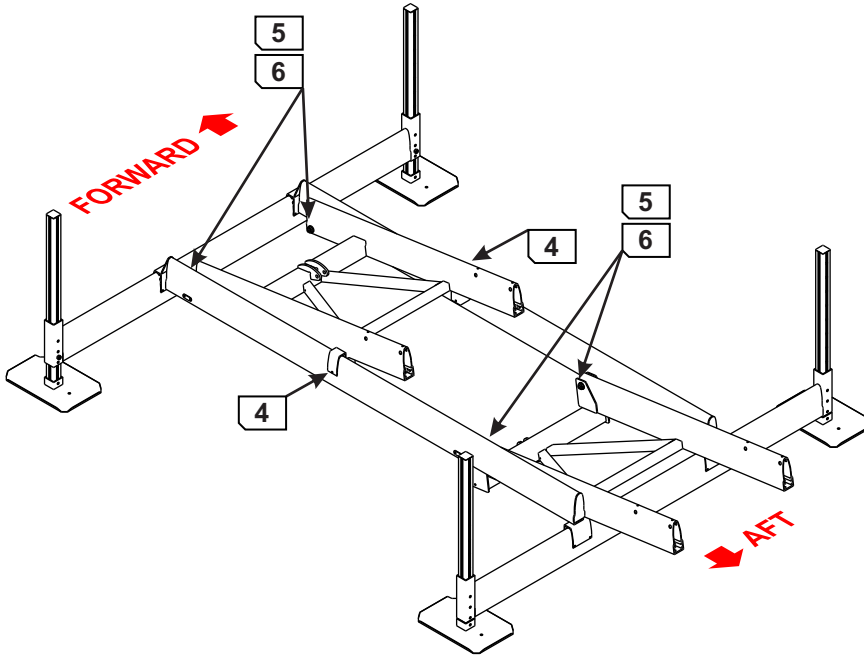


Assemble lift on level ground and adjust legs so that lift base frame is level during lift assembly.

QTY 4: 3/8 x 3.75" bolts ("7")
 QTY 8: 3/8 flat washers ("2")
 QTY 4: 3/8 nylon insert lock nuts ("1")

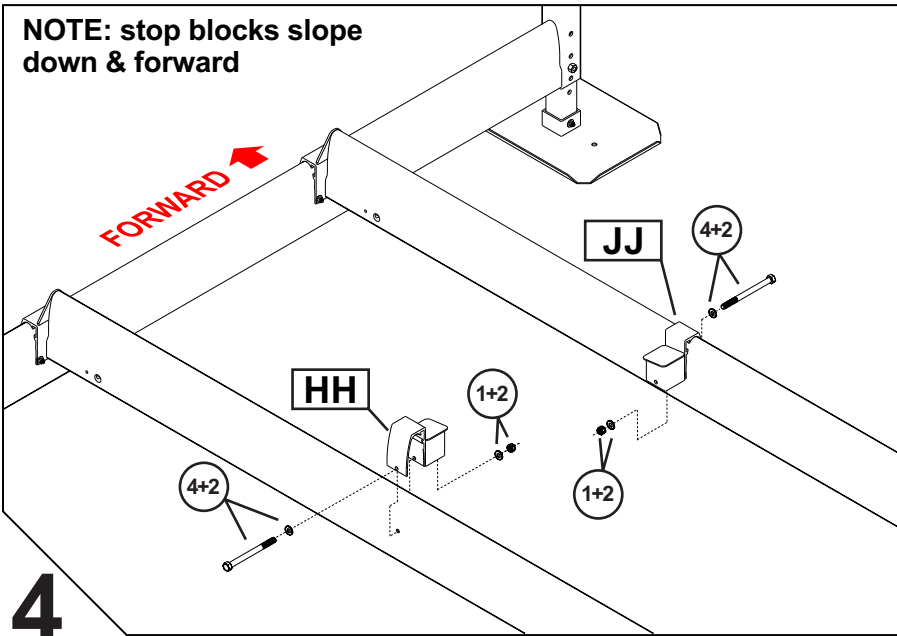
ASSEMBLY INSTRUCTIONS

NOTE: use a small amount of 'moly' lube on bolt threads



Stop Blocks

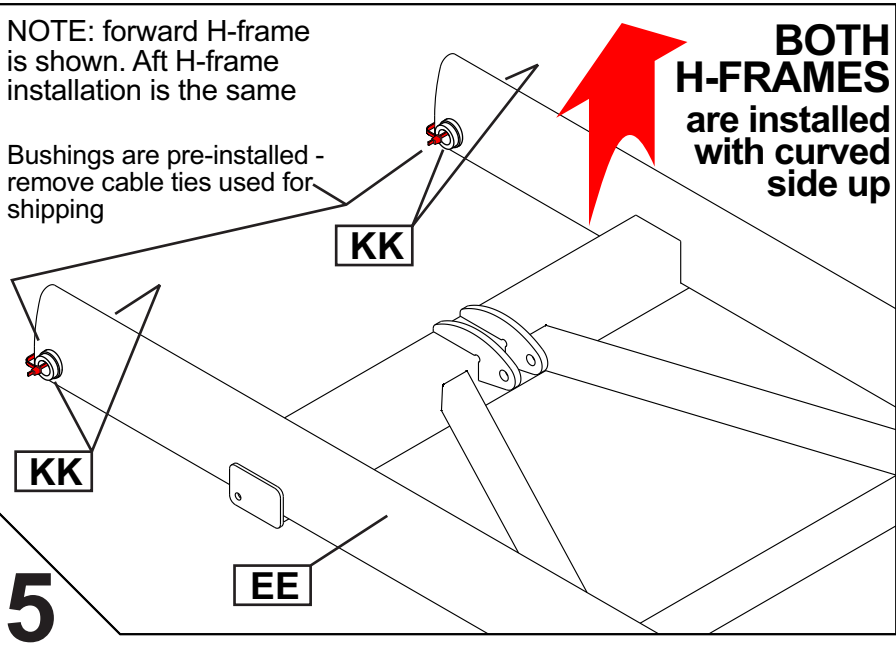
NOTE: stop blocks slope down & forward



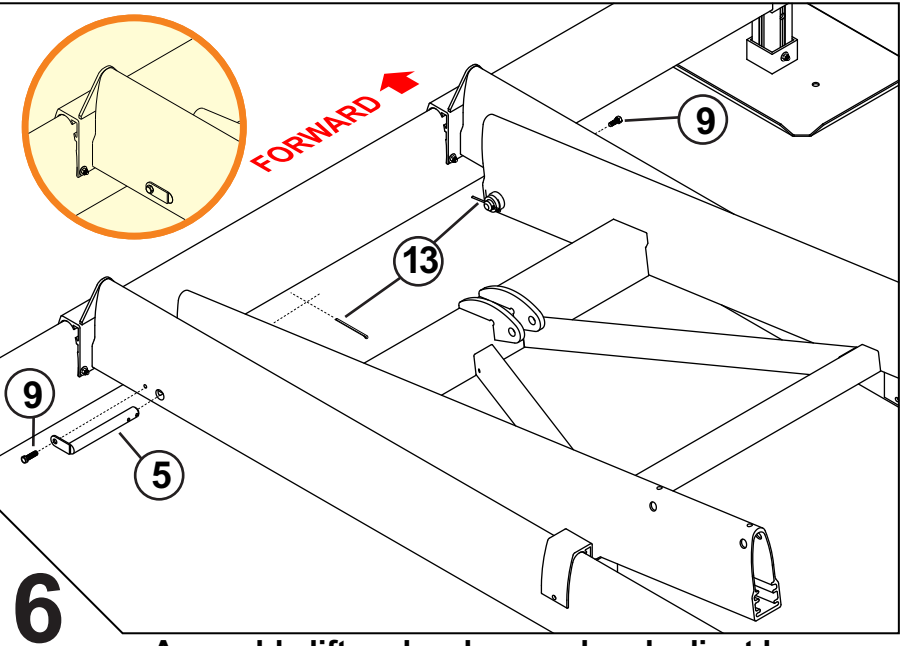
QTY 2: 3/8 nylon insert lock nuts ("1")
 QTY 4: 3/8 flat washers ("2")
 QTY 2: 3/8 x4 bolts ("4") - note longer length!

Assemble lift on level ground and adjust legs so that lift base frame is level during lift assembly.

H-frame Bushings [fwd & aft]



H-frame Bushings [fwd & aft]

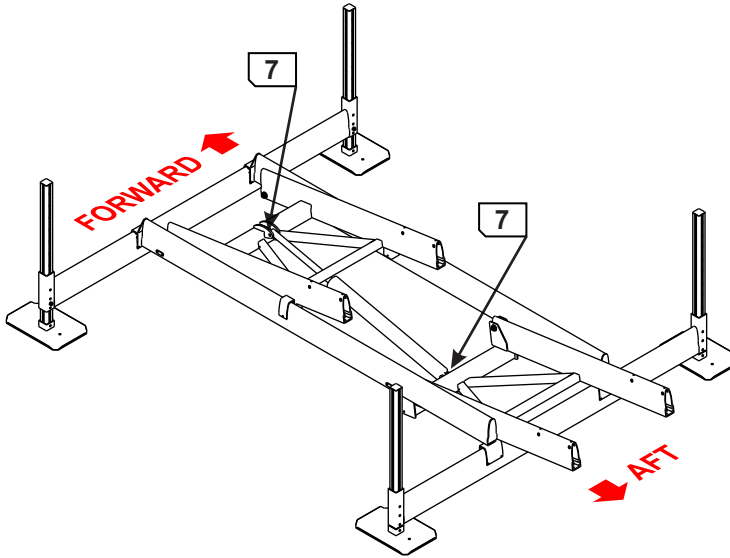


Assemble lift on level ground and adjust legs so that lift base frame is level during lift assembly.

- QTY 4: 3/8 x 1/2 bolts ("9")
- QTY 4: cotter pins ("13")
- QTY 4: base pivot pins ("5")

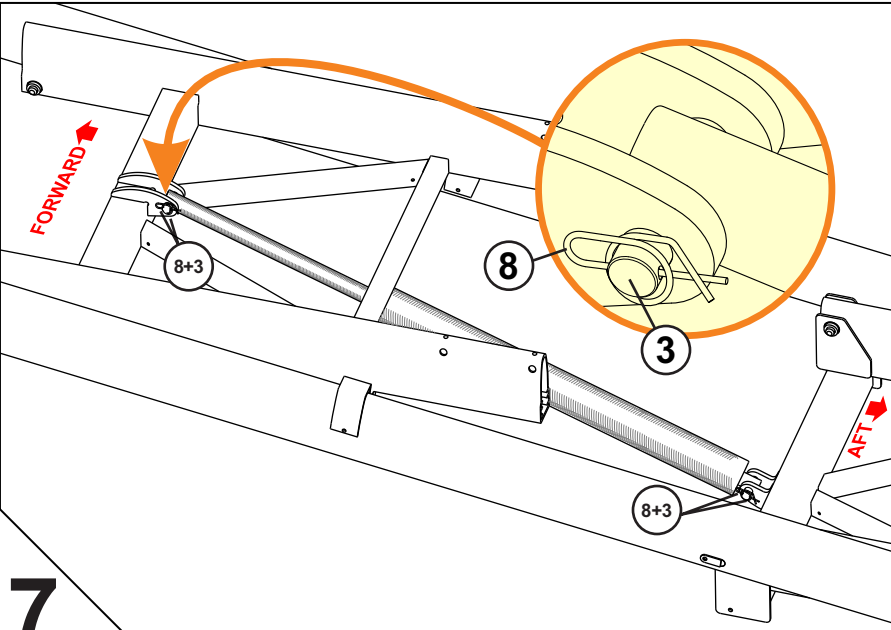
ASSEMBLY INSTRUCTIONS

NOTE: use a small amount of 'moly' lube on bolt threads



*** Install cylinder with lift in 'down' position**

Cylinder

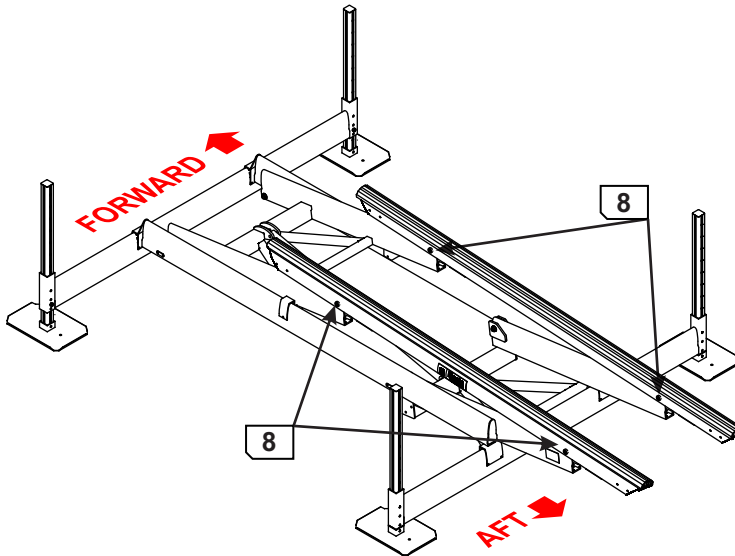


QTY 2: 3/4 x 3.5" clevis pin ("3")
QTY 2: 3/4 ring type cotter pin ("8")

Assemble lift on level ground and adjust legs so that lift base frame is level during lift assembly.

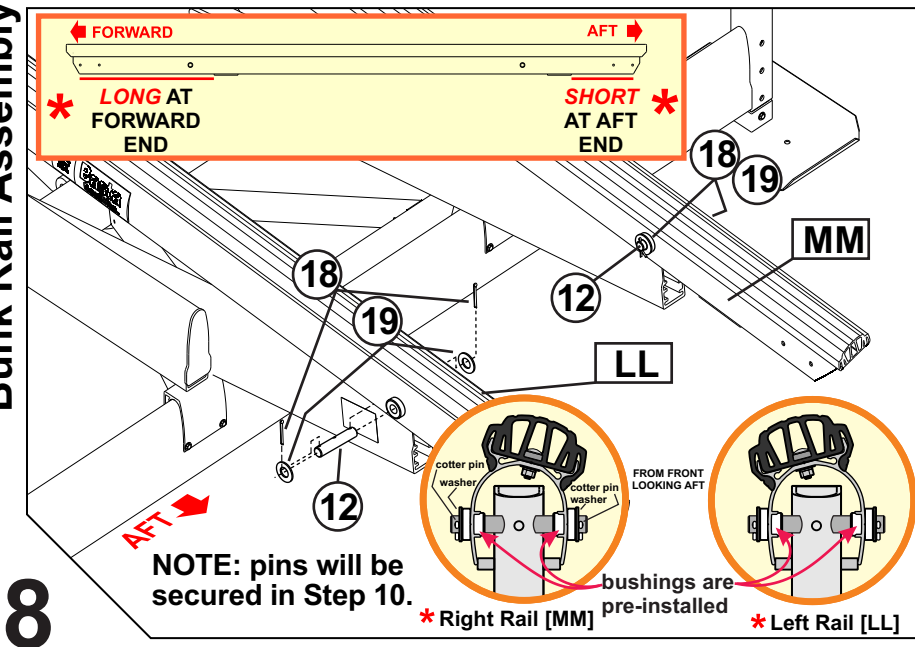
ASSEMBLY INSTRUCTIONS

NOTE: use a small amount of 'moly' lube on bolt threads



*** The angles and directions of bunk rail assemblies MUST face the directions shown below.**

Bunk Rail Assembly



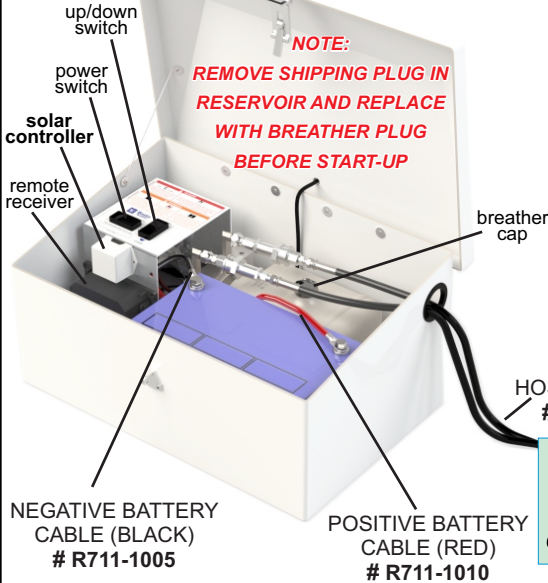
QTY 4: bunk pivot pins ("12")
QTY 8: 5/32 cotter pins ("18")
QTY 8: 3/4 washers ("19")

CONNECT POWER UNIT

COMPLETE POWER PACKAGE
H653-0013

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

FEMALE QUICK COUPLER
H700-0019



MALE QUICK COUPLER
H700-0020

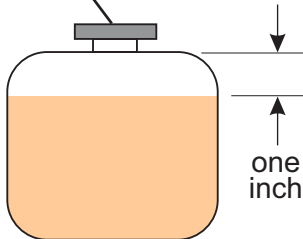
HOSE ASSEMBLY
H123-0001



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 A WRENCH**

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. Be sure to connect the **red** battery cable to the positive terminal and the **black** battery cable to the negative terminal.

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

3. Slide each hydraulic hose assembly through the access hole in the side of the fiberglass enclosure and attach the end to its corresponding quick coupler.

4. Plug the cable from the solar panel into the connector on the wiring harness that comes from the solar controller as shown above left.

5. Read the Operating Instructions on page 15.

6. Test the lift on dry ground using the UP/DOWN switch and the key fob transmitters.

7. Inspect the system for leaks.

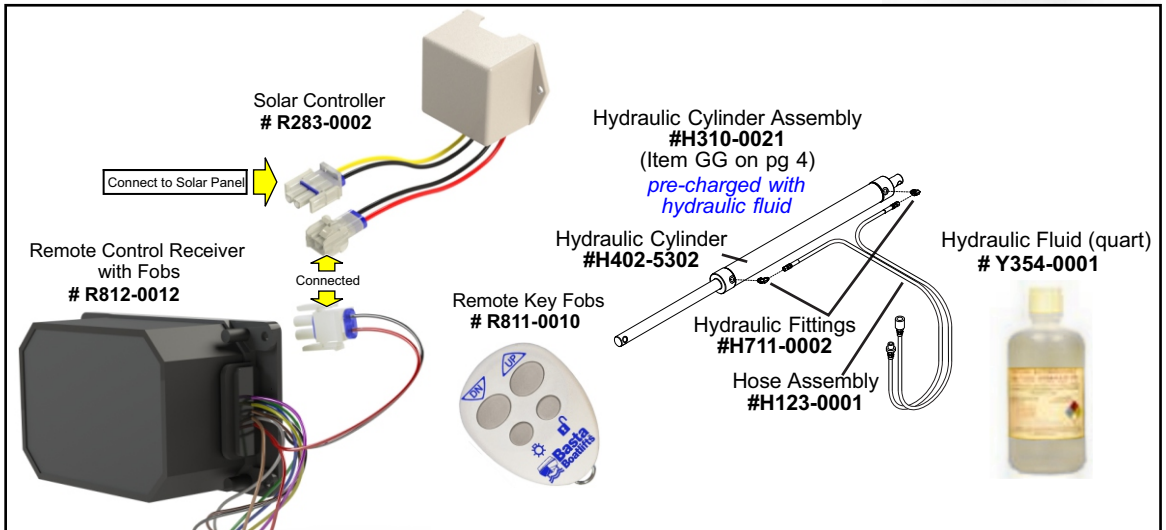
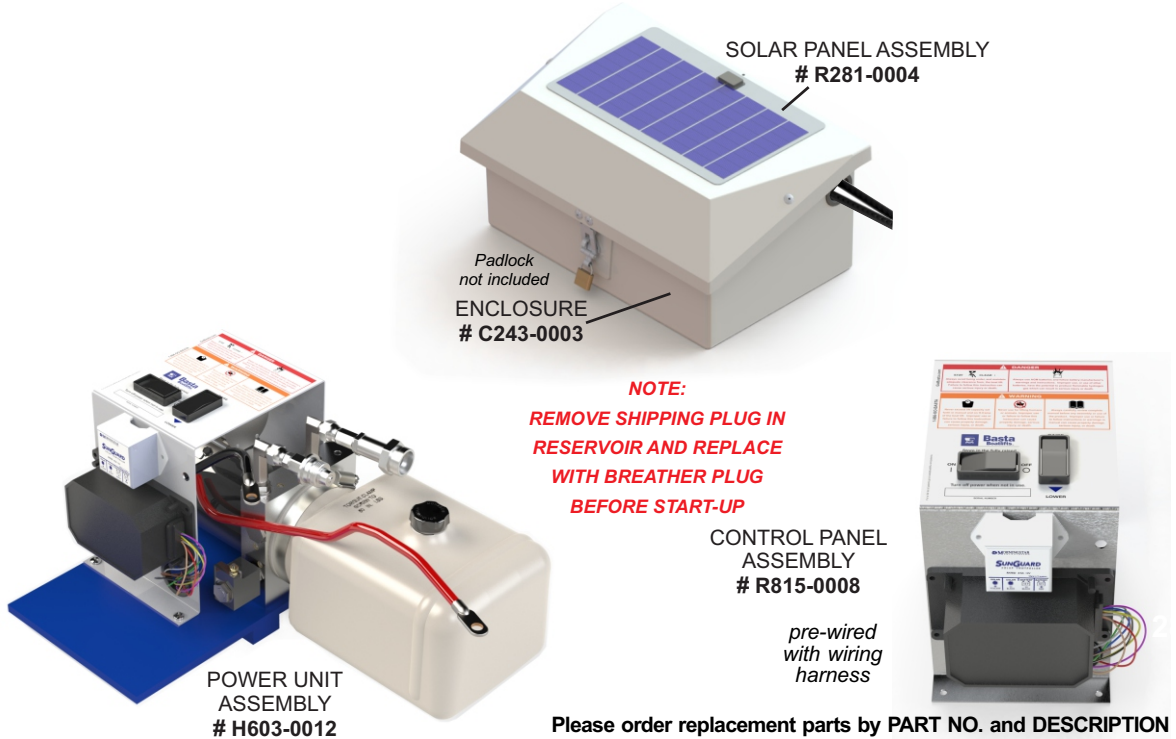
Power unit

9



NOTE: always turn unit OFF when not in use

POWER SYSTEM COMPONENTS

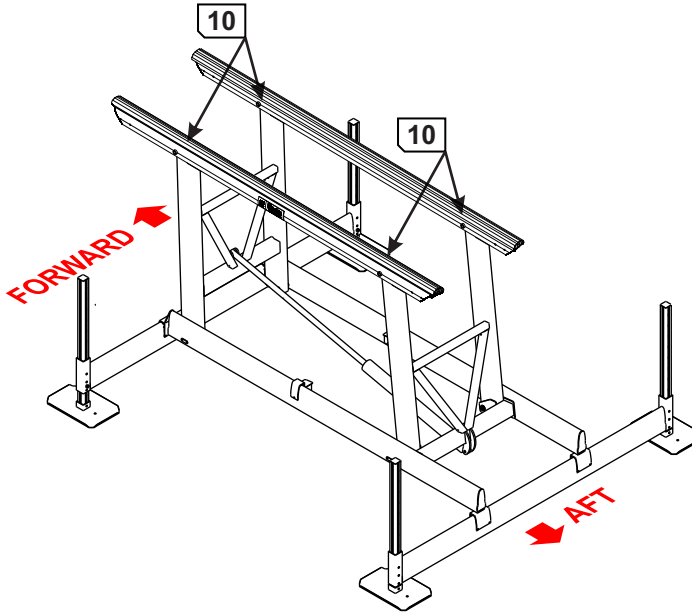


BATTERY SAFETY IS IMPORTANT

Follow all battery manufacturer's warnings and safety information.

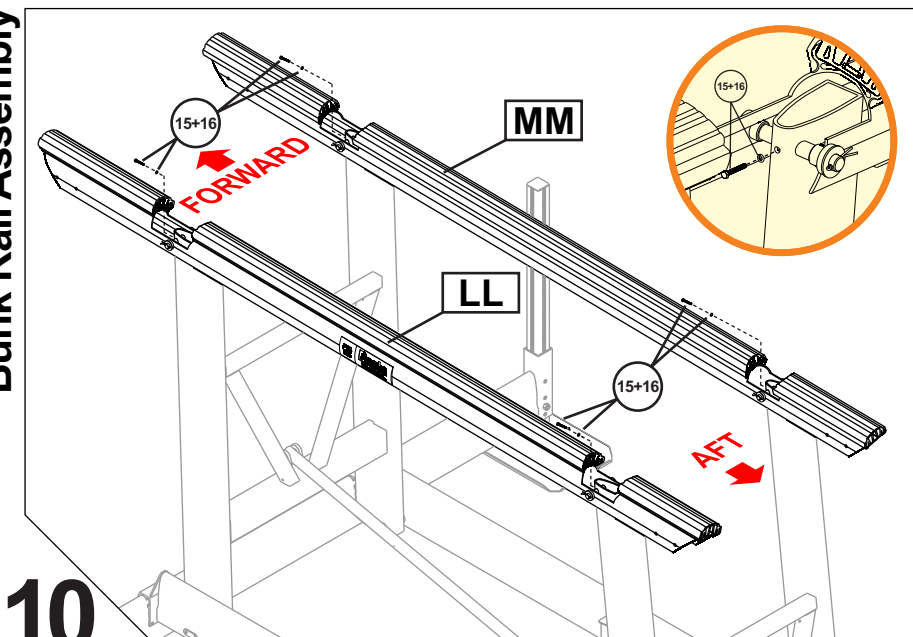
ASSEMBLY INSTRUCTIONS

NOTE: use a small amount of 'moly' lube on bolt threads



*** raise lift to install 1/4 x 1.75" bolts ("15")**

Bunk Rail Assembly



QTY 4: 1/4 x 1.75" bolts ("15")
QTY 4: 1/4 lock washers ("16")

Assemble lift on level ground and adjust legs so that lift base frame is level during lift assembly.

FIRST USE AND ADJUSTMENTS

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

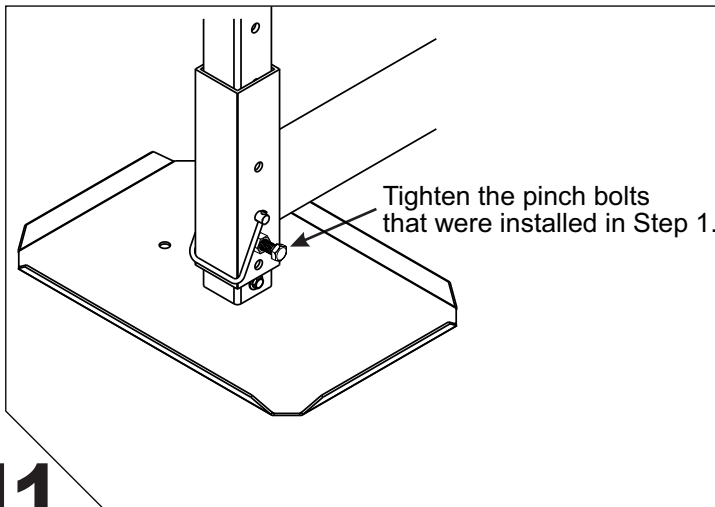
IMPORTANT: After installation, the legs **MUST** be adjusted so that the lift frame is level.

Lift **must** move into Over-Center™ position when fully raised.
H-frame arms should appear to be tilted slightly forward.

**Maximum lifting capacity is 7,800 pounds.
DO NOT OVERLOAD!**

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 or water craft over the lift to the following specifications:
 - a. The craft should be centered between the bunks side-to side.
 - b. Move the craft forward to position its center of buoyancy near the bunks' centers. Centering Devices may be helpful when positioning your craft.
2. 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 boat lift 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. Check all bolts for proper tightness.



MAXIMUM CAPACITY
7,800 lb
3,538 kg
⚠ DANGER
Do not exceed the maximum weight capacity specified for the lift.

NOTE:

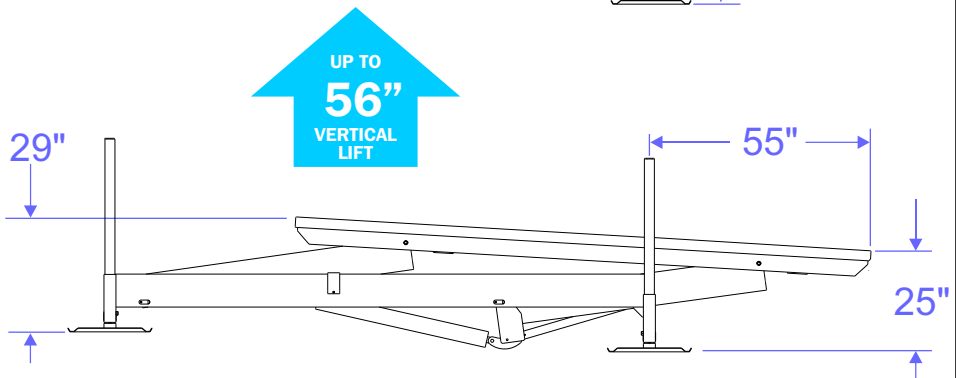
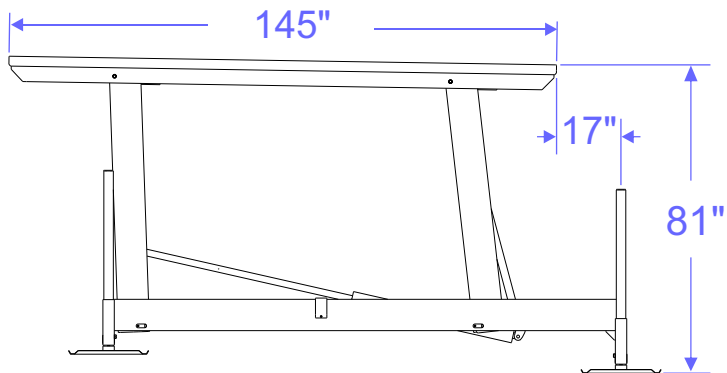
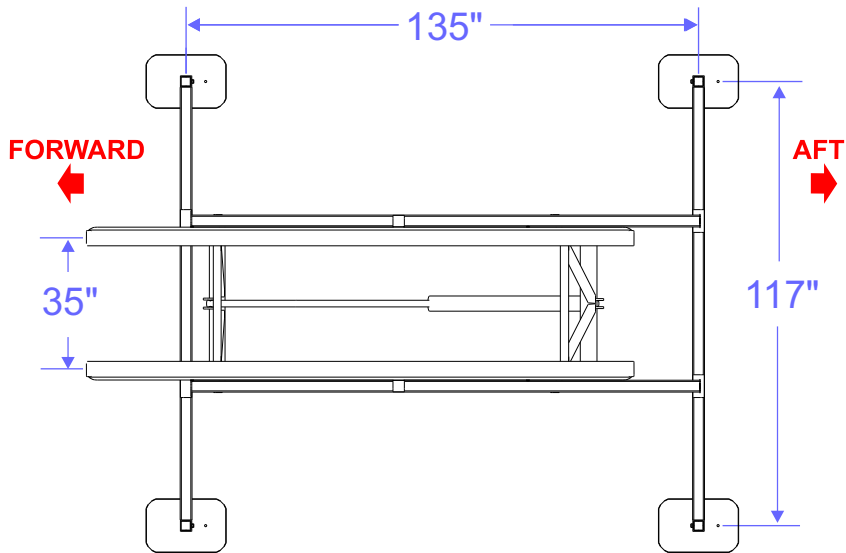
If you purchase a new boat, be sure it is within the weight capacity limits of the lift. Also remember that these adjustments may have to be done again to accommodate the new boat.

11



Always turn power unit OFF when not in use

Use these diagrams to help place the lift



TROUBLESHOOTING PROBLEMS AND FAQ

REMOTE CONTROL INFORMATION:

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 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. Turn power back on and 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 and may be manually operated by depressing the lower left button on the remote Fob. When manually enabled the lights will automatically turn off after 4 minutes. This 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

IF THE BATTERY WILL NOT HOLD A CHARGE:

1. 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.
2. Ensure the solar panel is properly connected.
3. Re-align the solar panel for proper exposure to the sun.
4. Recharge the battery with a 10 amp charger and check the charge again.
5. Have the battery tested. It may be old and require replacement.
6. If the lift is being used frequently during the day, it may be necessary to use a 110-volt maintainer/charger.

IF THE REMOTE CONTROL IS NOT FUNCTIONING:

1. 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.
2. Verify that the power unit battery is charged and connections are tight.
3. Reprogram the remote key fobs.

IF THE PUMP DOESN'T RUN :

1. Check the battery charge and recharge if necessary.
2. Check the battery connections, clean and re-secure if necessary.

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

1. Check the 'quick couplers' in the Power Unit. **If they are not screwed together tight enough, the built-in check valves will not allow fluid to flow.** See Page 13.
2. Check the fluid level. See Page 13.

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

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?

Yes, once you verify that the lift is Over-Center™, switch of the power and lock the power unit box, there is less chance of theft.

Q: DO I NEED A MOORING LINE?

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?

The panel should receive constant sun for at least 8 hours a day.

Q: HOW DO I CHANGE THE HYDRAULIC FLUID?

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 FISH?

We use a special low-toxicity hydraulic fluid that is safe for the environment. This mineral oil based 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?

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.

MAINTENANCE

Your Basta BoatliftTM 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:

Inspect the hoses, cylinders and fittings for leaks and wear.

Check the wire terminals for snugness and corrosion.

We **STRONGLY** recommend the use of a maintenance - free AGM type battery.

In a flooded cell type battery, the electrolyte should be slightly above the indicator ring in each cell.

Carefully add DISTILLED water if necessary. Do not over-fill.

Check the hydraulic fluid level.

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 Boatlifts biodegradable non-toxic hydraulic fluid.

DATE:	WHAT WAS DONE:

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.

ACCESSORIES FOR MOST BASTA BOATLIFTS™

For additional information and images visit our web site at www.gobasta.com or contact Basta Boatlifts at **1-866-GOBASTA** for a catalog.



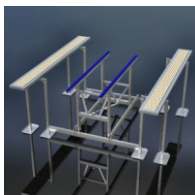
Centering Guides

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



Bow Guide

This adjustable bow stop assists in proper placement of your boat by gently stopping its forward motion.



Catwalk Support Brackets

One of the many advantages of using a boat lift is the increased accessibility to your boat for maintenance. These brackets allow a side deck to be attached to the existing boat lift or canopy legs.



Power Unit Support Bracket

Safely secure the power unit box to a boatlift canopy leg or the side of your dock.



Light kit

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



Load Guides

Designed to make loading your boat straight and true amazingly easy - even in cross winds and active water.

CANOPIES

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

Solo™ 33 canopy



Basta Solo™ canopy features:

- Low profile silhouette
- Sturdy and wind resistant
- Attaches to a variety of lifts
- Wide choice of colors
- Durable Weblon® vinyl top
- Optional Sunbrella® tops
- 22, 24, 26, 30, 33, 39 foot lengths
- 10 and 12 foot widths
- Aluminum & stainless steel design
- Custom extrusions - no welds