

Over-Centertm Hydraulic Steel Lift

24,000 lbs Capacity

Model # 24k60

ASSEMBLY

■ INSTALLATION

■ REPLACEMENT PARTS

READ complete manual CAREFULLY BEFORE attempting assembly or operation



866-GO-BASTA www.gobasta.com

Basta Inc. Seatac WA 98198 USA

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A 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.

24,000 LBS 10,800 KG

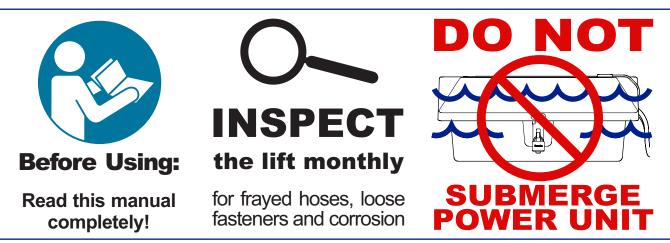
Do not exceed the maximum weight capacity specified for the lift. SEE PAGE 18.

- 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.
- 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 # Y354-0010

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



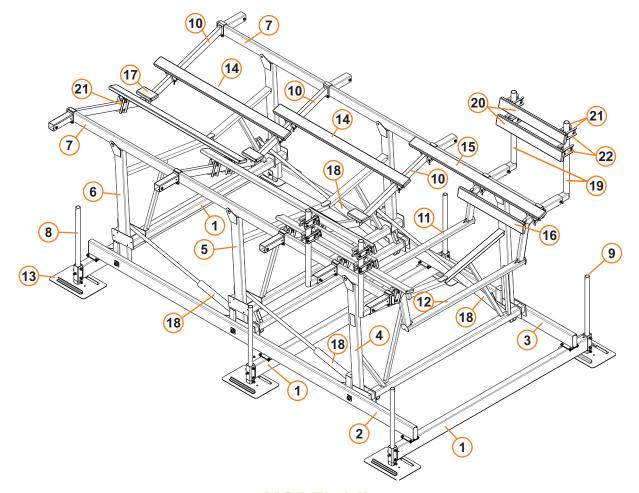




USE ONLY BASTA BIODEGRADABLE HYDRAULIC FLUID

WARNING

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



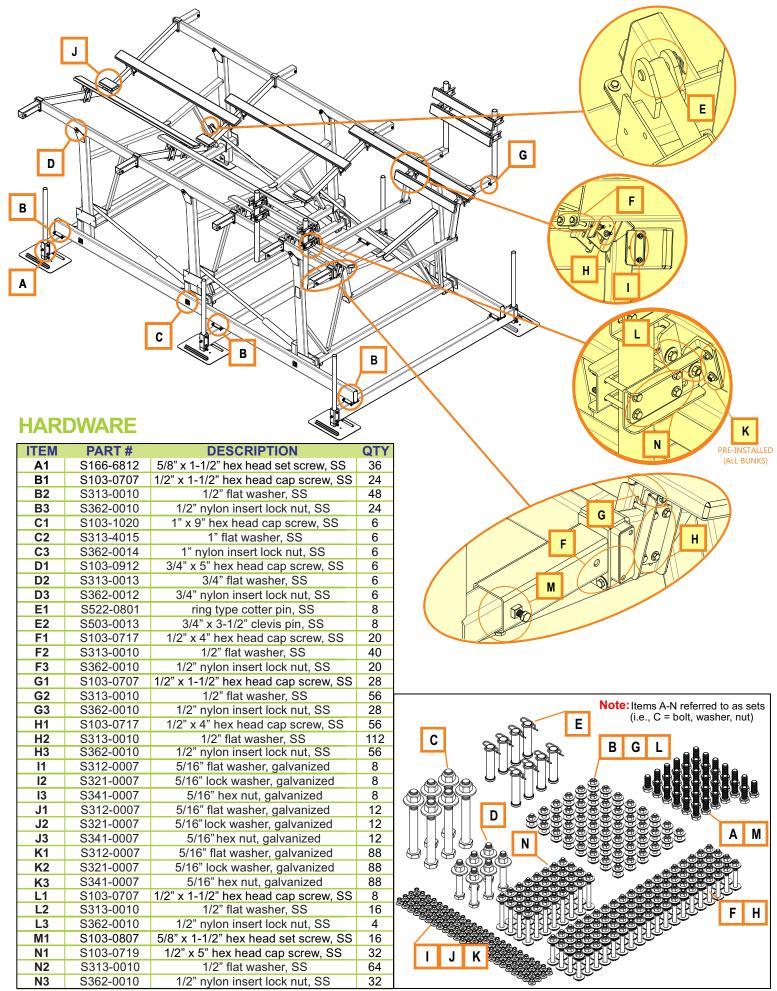
MODEL 24k60

ITEM	PART#	DESCRIPTION	QTY
1	W110-0033	Base Crossmember	3
2	W104-0024	Left Side Rail	1
3	W104-0025	Right Side Rail	1
4	W101-0049	H-Frame, Aft	1
5	W101-0048	H-Frame, Center	1
6	W101-0047	H-Frame, Forward	1
7	W113-0022	Bunk Rail	2
8	K200-0223	Adjustable Support Leg	6
9	F730-0013	Leg Cap	6
10	W113-0029	Bunk Chevron, Forward	3
11	W113-0031	Bunk Chevron, Mid	1
12	W113-0030	Bunk Chevron, Aft	1
13	W116-0010	Foot Pad	6
14	A428-0029	Bunk Board Assembly, Forward	4
15	A428-0030	Bunk Board Assembly, Aft	2
16	W410-0070	Guide Board	2
17	W410-0081	Keel Block	3
18	CALL	Dual Hydraulic Cylinder Kit	2
19	W108-0046	Load Guide/CG Stanchion	2+
20	A481-1002	Guide Board Assembly, Upper	4
21	K204-0116	Bunk Stanchion	44
22	K204-0160	Bunk Stanchion Backing Plate	44
23	K204-1095	CG Bolt Plate	var.
24	W108-0047	CG Socket Weldment	var.
25	K204-1125	CG Buffer Tube	var.

^{*}Centering Guides not pictured

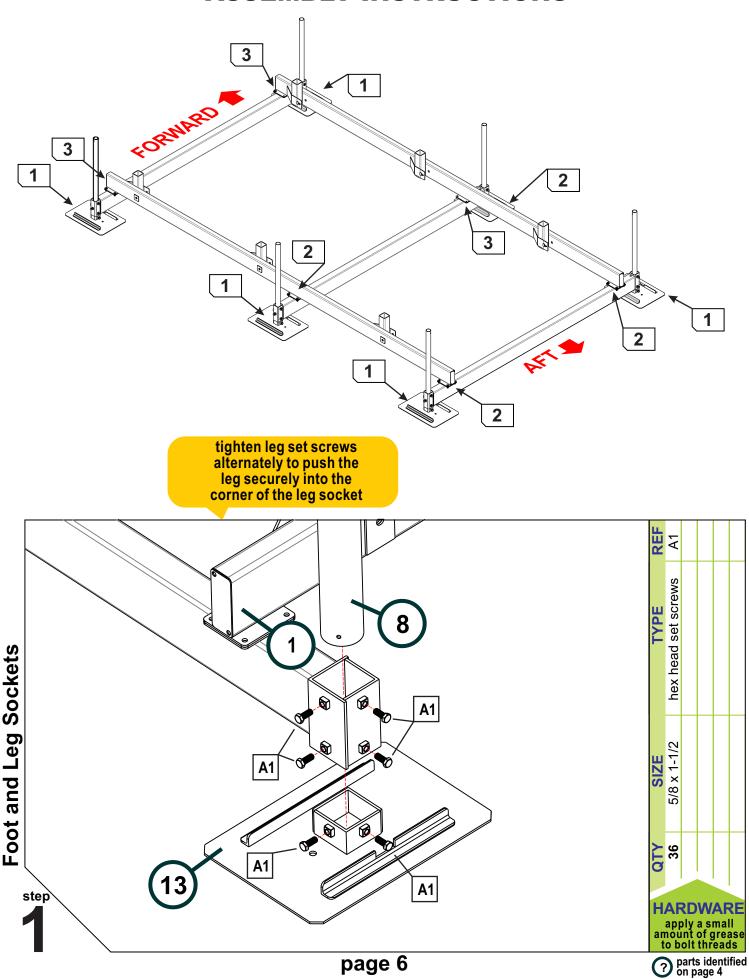
In the following pages various symbols are used:

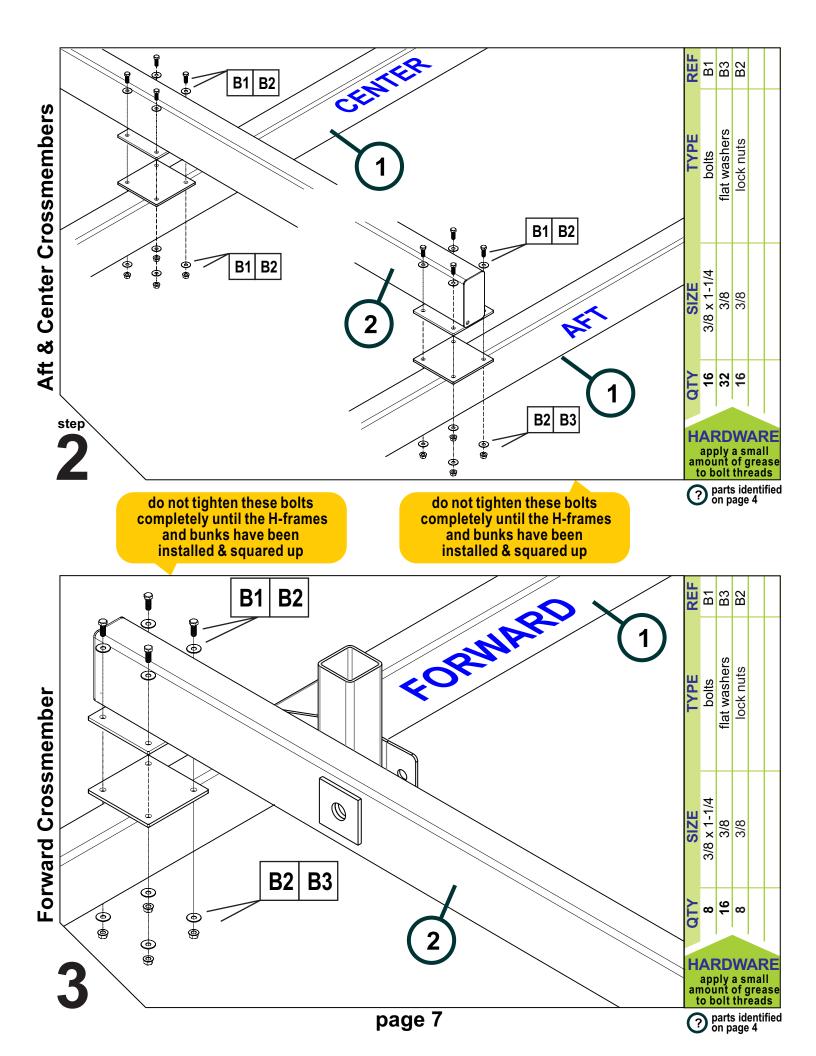
- 1 indicates an illustration for a procedure.
- 12 indicates a major part shown and described above.
- [C3] indicates a hardware item shown and described on page 5.



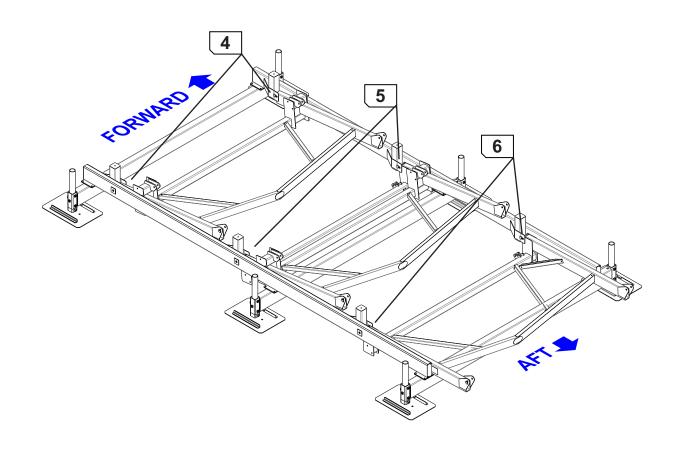
^{*}Centering device (CD) hardware not pictured

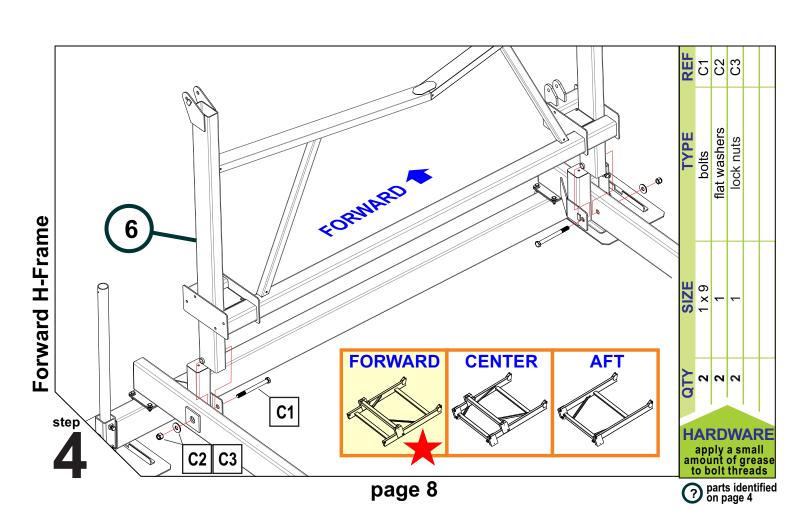
ASSEMBLY INSTRUCTIONS

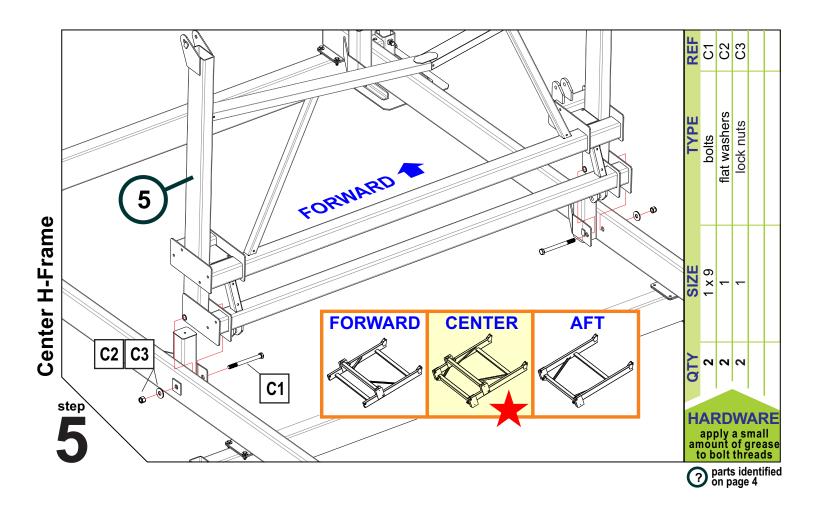


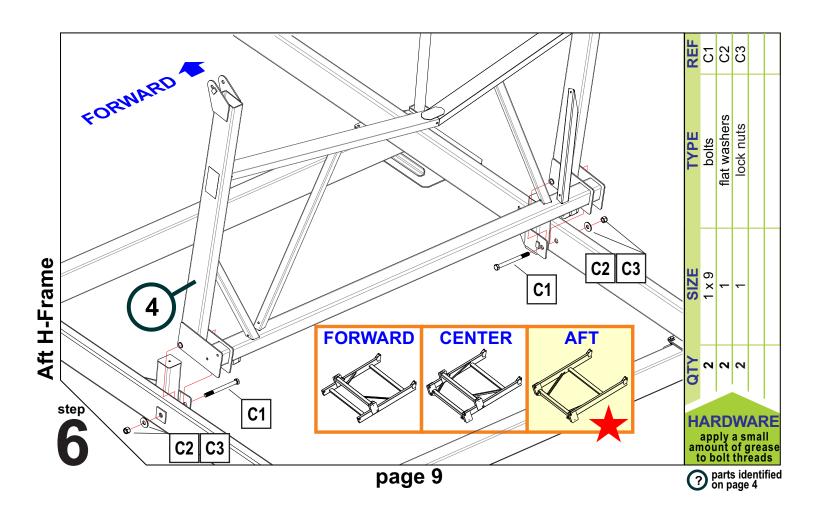


ASSEMBLY INSTRUCTIONS

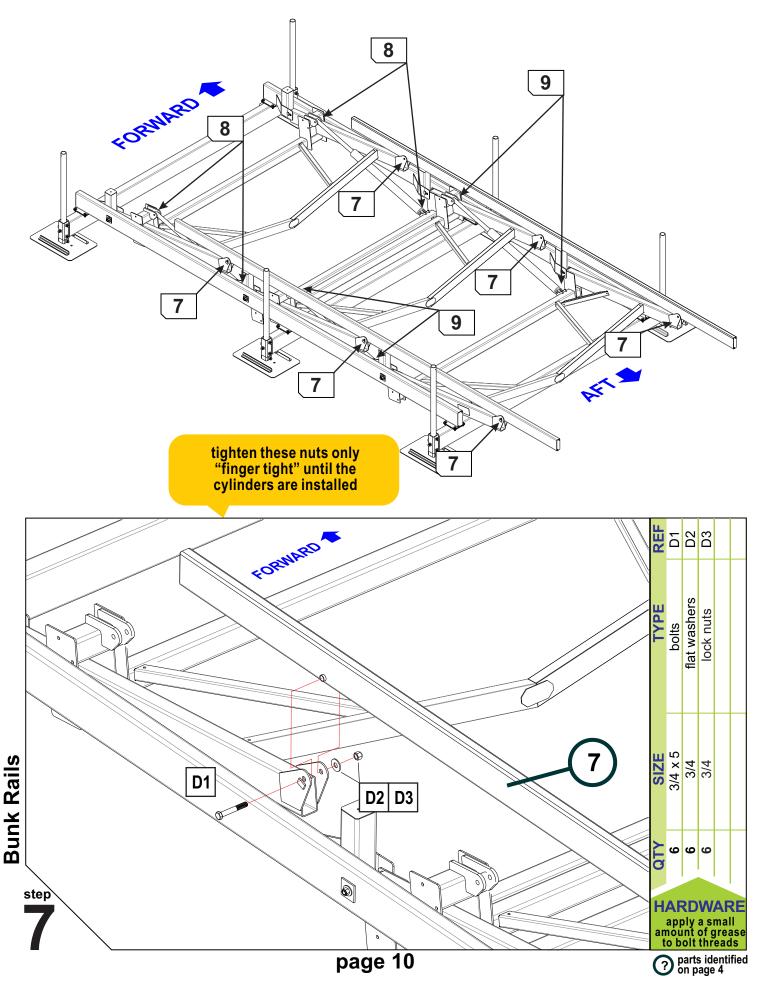


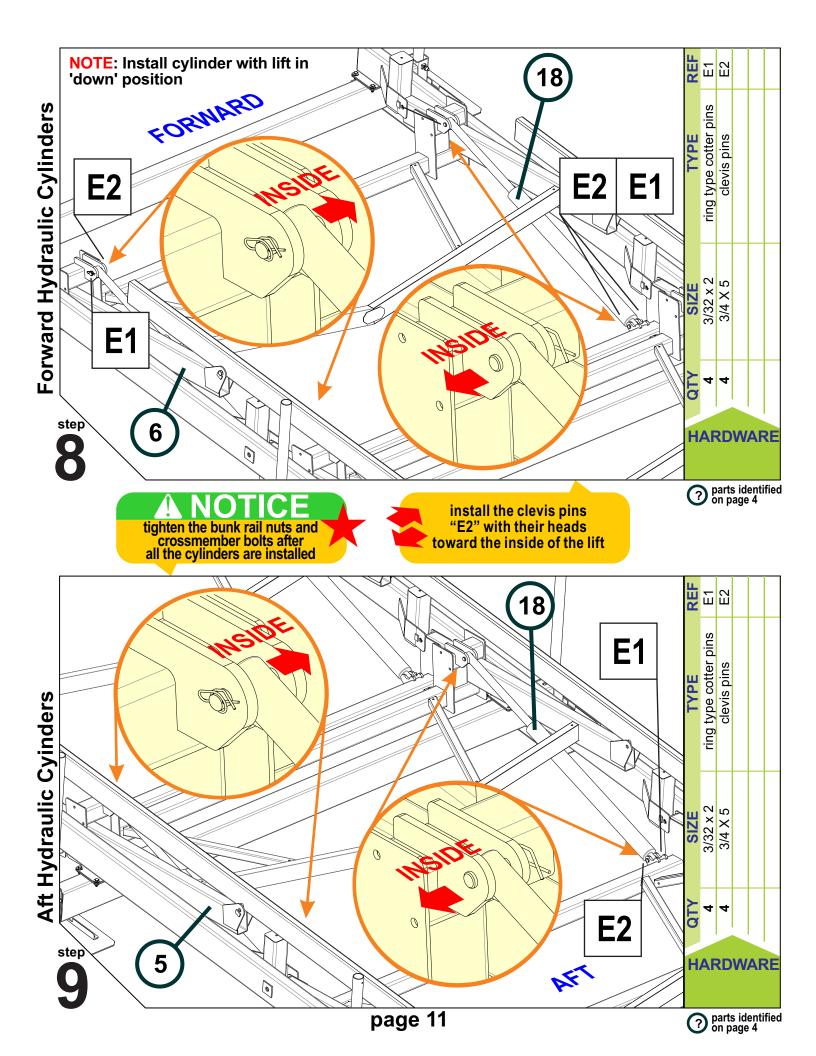


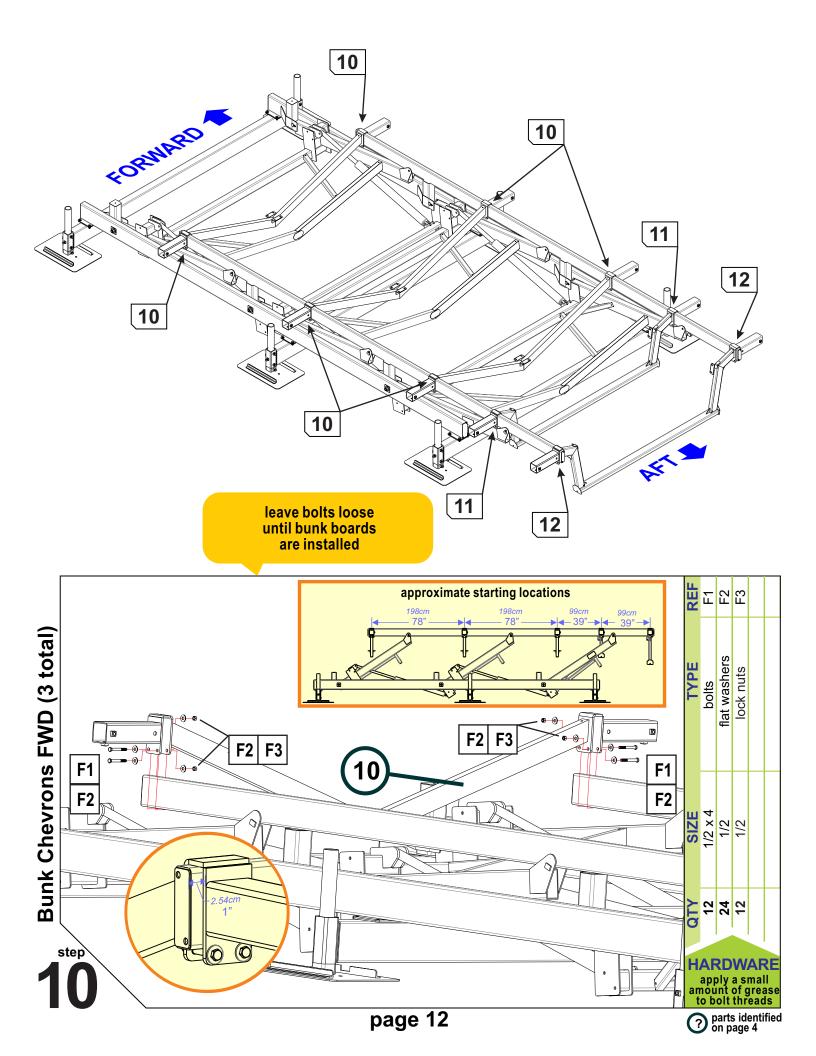


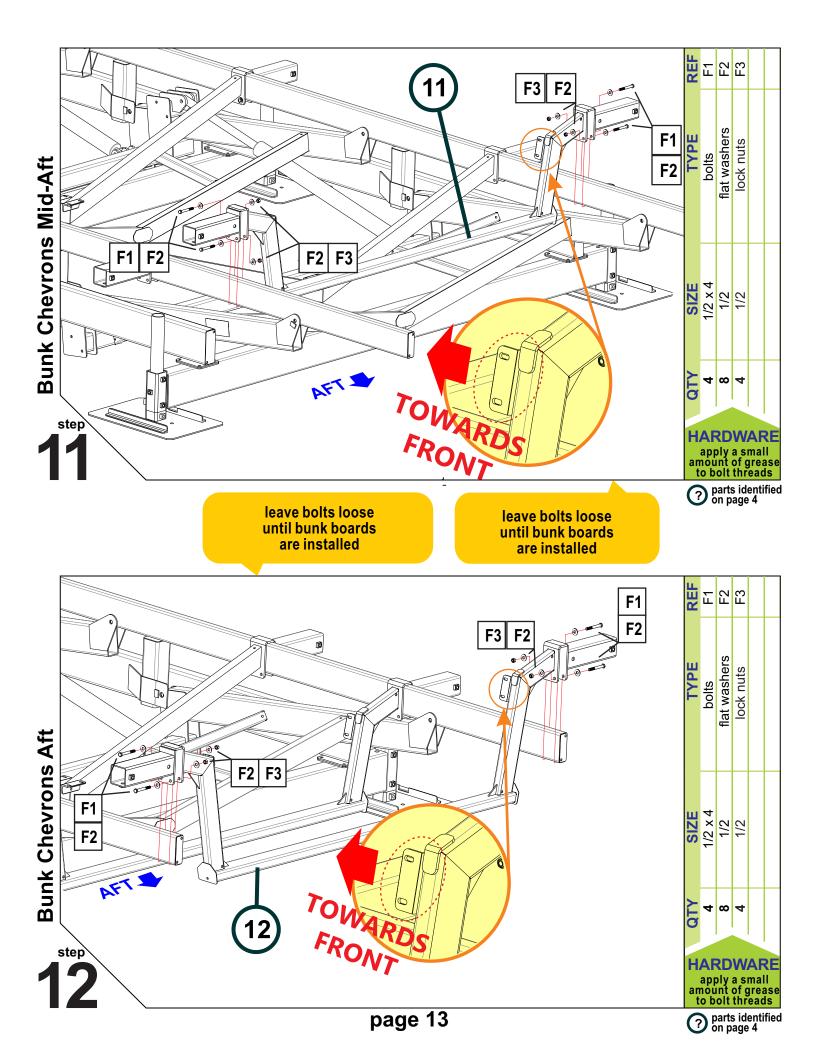


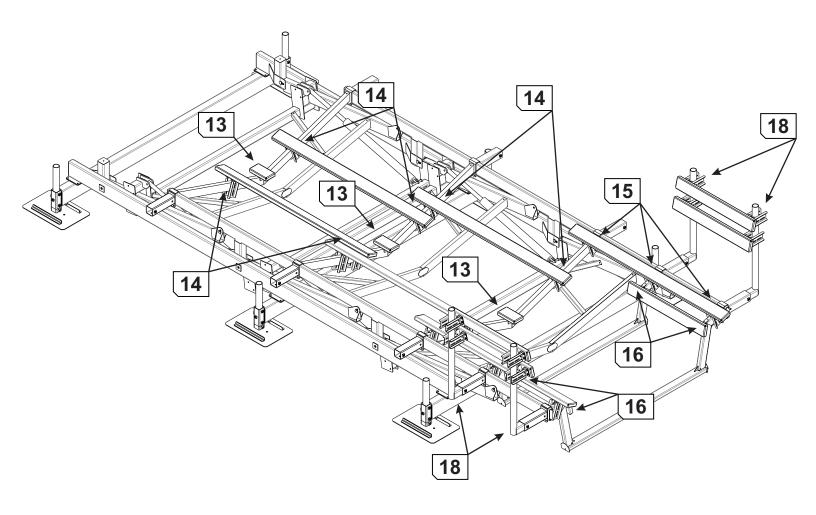
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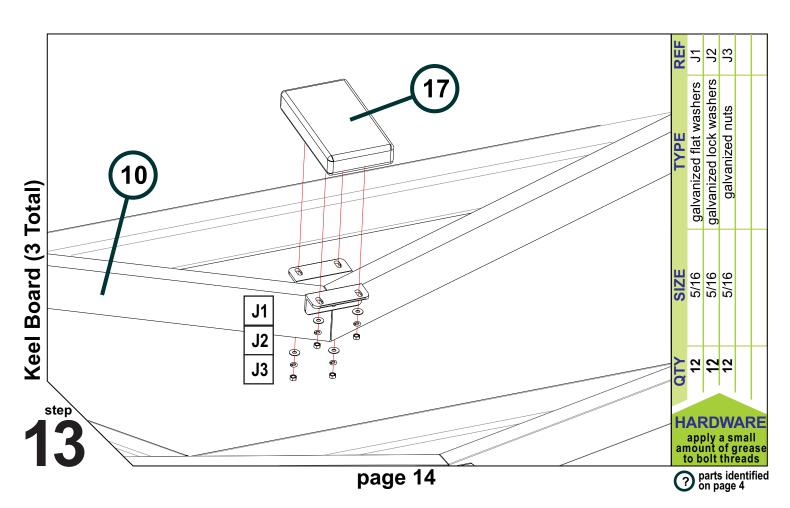


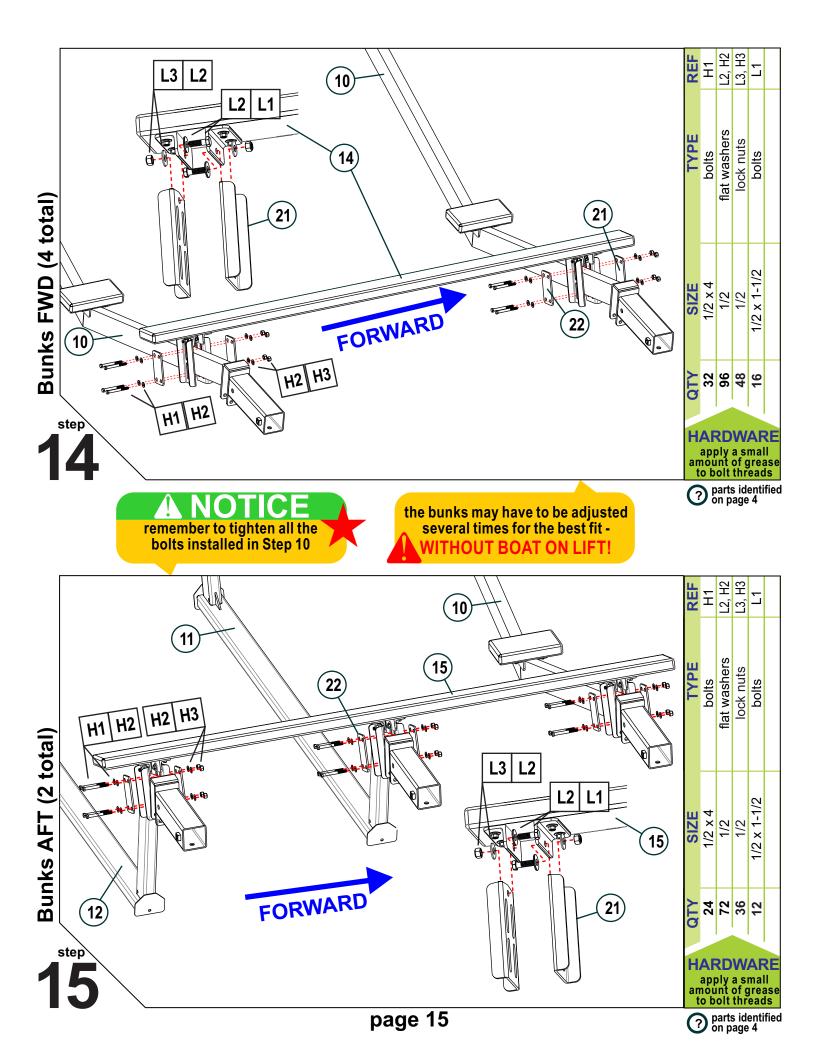


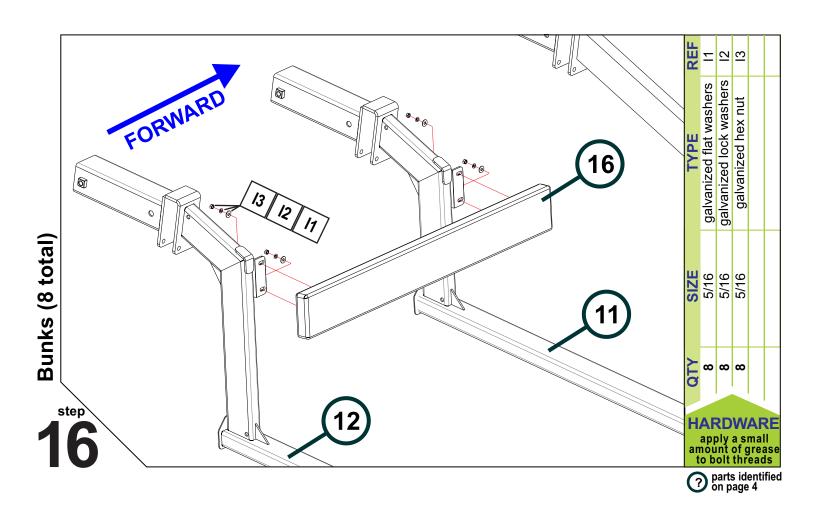


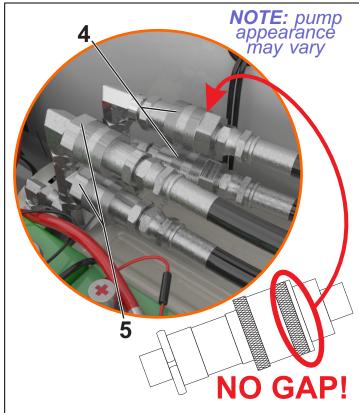


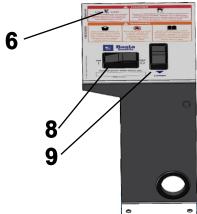












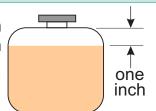
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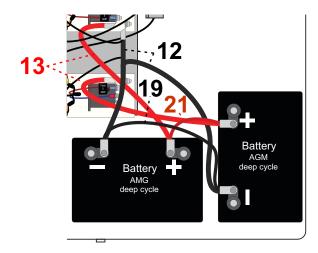
Ensure each Quick Coupler is completely seated and *tight* with no gap at the connection joint.

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

hydraulic fluid level with lift in DOWN position

only add fluid with lift in DOWN position





- The Hydraulic Pump will arrive fully assembled. Make sure all the connections are snug to prevent leaks or loss of power to the unit.
- Install two AGM Marine Grade Batteries as shown above. Confirm that the POWER switch on the Control Panel (#8) is OFF. Connect solar panel to the solar controller (see page 15).

Connect the Black Link Cable (#19) between the two negative terminals of the batteries. Connect the Red Link Cable (#21) between the two positive terminals of the batteries. Connect the Red Battery Cables (#13) to the positive terminals and the Black Battery Cables (#12) to the negative terminals of the battery bank as shown.

NOTE: Ensure battery cables are correctly connected and their terminals are very tight (otherwise there is a risk of overheating).

- Slide the Hydraulic Cylinder Hoses through the access holes in the side of the White Fiberglass Box (#10) and attach them to their corresponding Quick Couplers (#4, #5).
- 4. Test the lift on dry ground using the Up/Down Switch (#9) and the Key Fob Transmitters. Inspect the system for leaks.

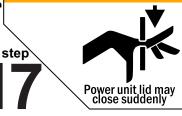


A NOTICE

Tighten nuts on batteries very tight.

Otherwise, cables may overheat during lift operation.

A WARNING



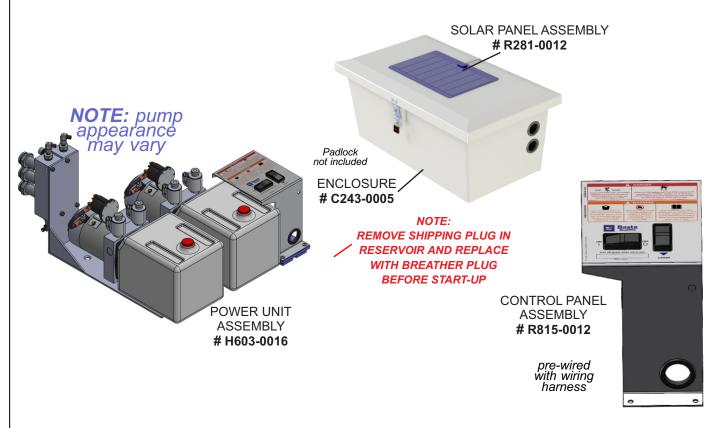




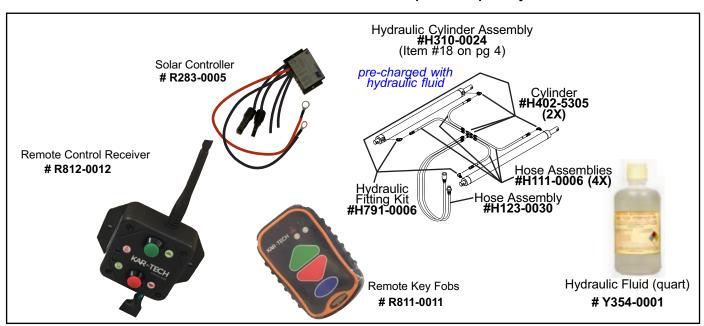
High pressure hydraulics can penetrate skin

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.

POWER SYSTEM COMPONENTS

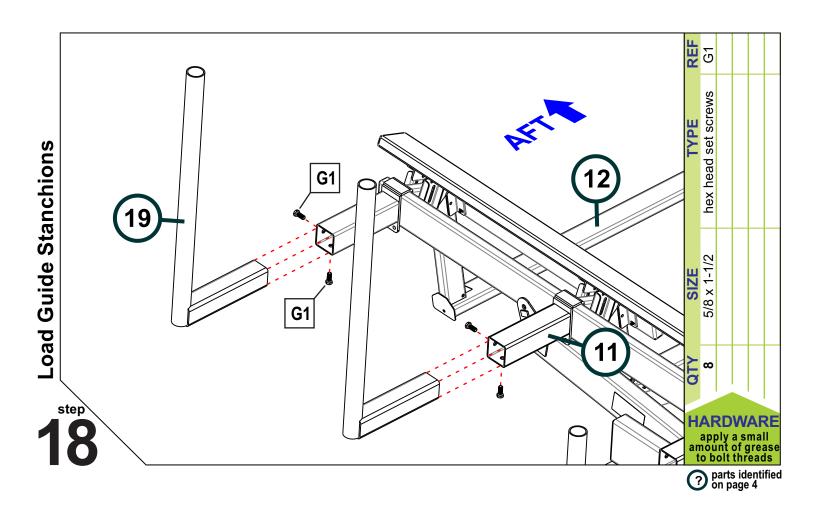


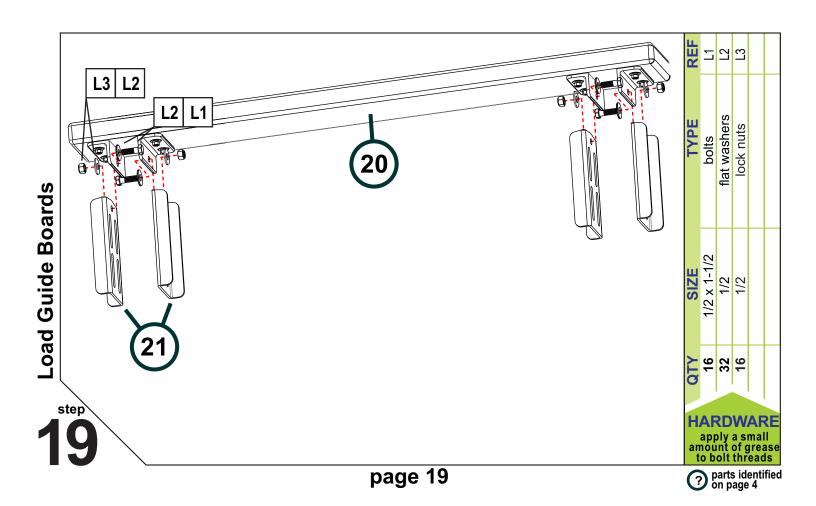
Please order replacement parts by PART NO. and DESCRIPTION

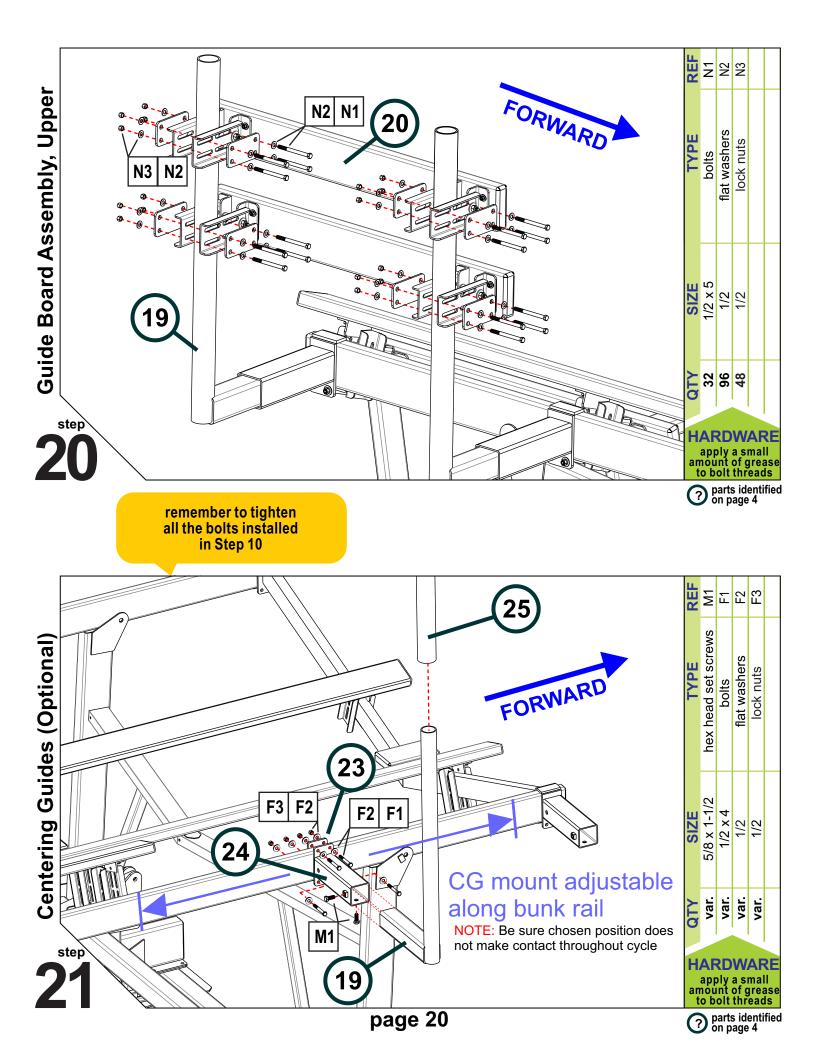


BATTERY SAFETY IS IMPORTANT

Follow all battery manufacturer's warnings and safety information.



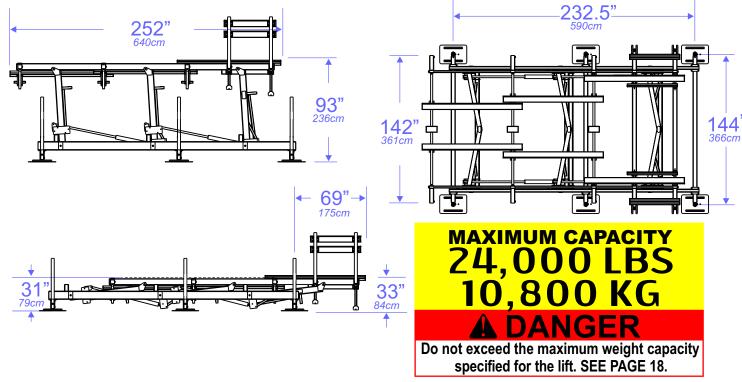




FIRST USE AND ADJUSTMENTS

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

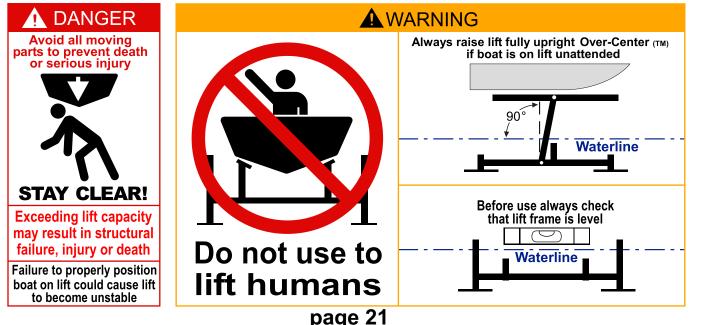
IMPORTANT: After installation, the legs MUST be adjusted so that the lift frame is level. Lift *must* move into Over-Center position when fully raised.



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.

- 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 ends 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 ends of the bunk boards.
- 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 boatlift can be raised into the full Over Centertm position without settling.
- 3. 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

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

WARNING

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

A NOTICE



INSPECT THE LIFT PERIODICALLY

Once a month:

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

Check the wire terminals for snugness and corrosion.

Check the hydraulic fluid level.

At least every 6 months:

Check the battery levels.

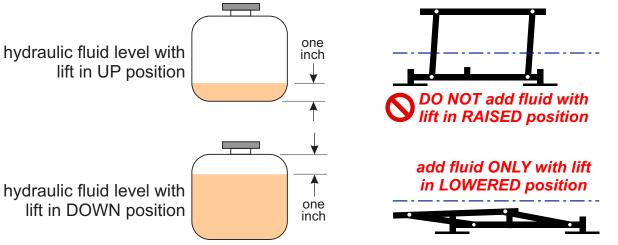
The battery electrolyte should be slightly above the indicator ring in each cell. Carefully add DISTILLED water if necessary

Do not over-fill.



USE ONLY BASTA BIODEGRADABLE HYDRAULIC FLUID

We recommend Chevron Clarity® AW ISO 32 or CITGO Aquamarine® 46 hydraulic oils.



TROUBLESHOOTING PROBLEMS AND FAQ

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-CenterTM, 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.

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 12.
- **A:** Check the fluid level. See Page 12.

FOR ASSISTANCE OR SERVICE:

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



Your boat lift is a piece of heavy power equipment that lifts a load that weighs thousands of pounds. Failure to comply with the following rules may result in severe injury, death or property damage.

- 1. Be alert and aware at all times. Do not operate while under the influence of drugs or alcohol.
- 2. Children should not operate the lift without adult supervision.
- 3. No one should operate the lift without knowledge of safe operating procedures.
- 4. NEVER exceed the specified capacity of the lift. Someone may be injured or killed.
- 5. Position the boat properly on the lift. Improper placement may cause dangerous instability or failure.
- 6. Do not operate the lift with people in the boat. Load and unload passengers only when boat is floating, lightly touching the bunks.
- 7. No one should play on or swim near the lift.
- 8. Whenever your boat is left unattended on the lift, make sure it is raised into the over-center position. Otherwise, unintended motion may occur.
- 9. Be sure the lift frame remains level. If the lift has settled unevenly, it may be unstable and dangerous when loaded. All four corners must be level within 2 inches.
- 10. NEVER go under your boat when it is on the lift
- 11. Do not perform major maintenance operations on your boat when it is on the lift. The boat may shift and injure or kill you. Haul the boat out to perform maintenance.
- 12. Do not leave things in the hydraulic power unit. They could cause damage to the pump or electrical system or catch fire.
- 13. Your lift may be hidden under water when your boat is gone. Notify any potential divers in the area of its location to prevent accidents.
- 14. Do not power your boat hard onto the lift. Lower the lift so your boat glides into position. The lift may be moved or damaged if you attempt to load with insufficient water depth
- 15. The lift must be thoroughly inspected regularly for overall condition, leaks and corrosion.

Basta Boatlifts Limited Warranty



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 helow

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