

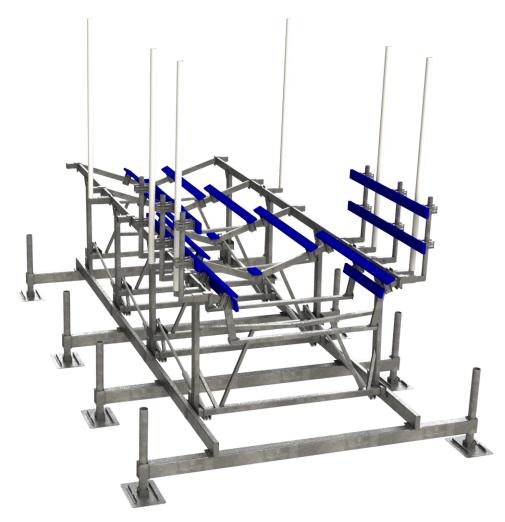
# Over-Center<sup>tm</sup> Hydraulic Steel Lift

36,000 lbs Capacity (16,300 kg Capacity)

Model # 36k60

ASSEMBLYINSTALLATION

READ complete manual CAREFULLY BEFORE attempting assembly or operation



866-GO-BASTA www.gobasta.com

## DANGER

- Do not exceed the maximum weight capacity specified for the lift. Maximum weight capacity
  can be found on the cover of this manual and on the H frame of the 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. The lift should only be used for lifting boats & watercraft.
- Always avoid being under, and maintain adequate clearance from, the 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

- Visually inspect all parts and assemblies for damage or defects prior to assembling lift.
- Install the lift on firm and level ground.
- Verify the lower frame of the lift is level before each use.
- Do not play on or near the lift.
- Do not service the unit with the watercraft on the lift.
- High pressure hydraulics can penetrate skin. Oil injected into the skin from high pressure systems can cause severe injury. In the case of injury, seek medical attention immediately.

## **A** CAUTION

- Do not install the lift alone.
- The lift should only be used for lifting boats & watercraft.
- Passengers should stand clear of the lift when the lift is in operation.

BASTA

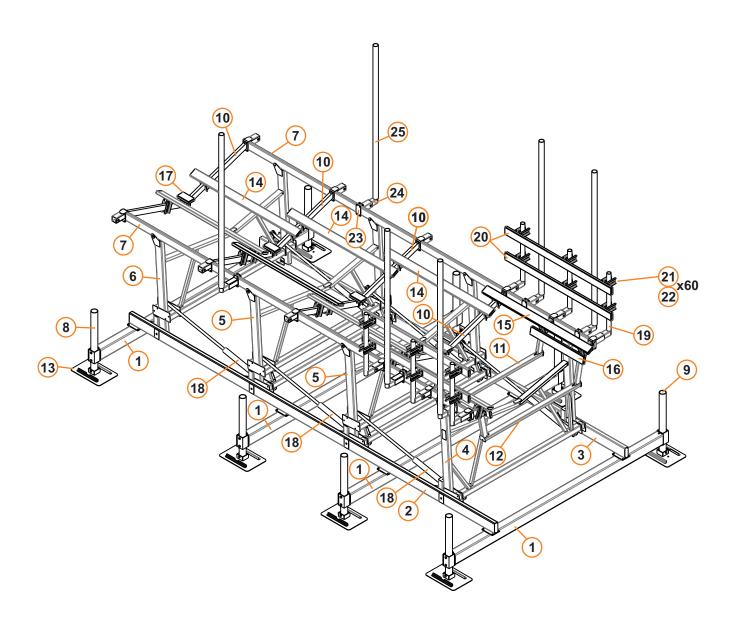
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# 



## **PARTS LIST - DIAGRAM**



#### 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 pages 6-7.

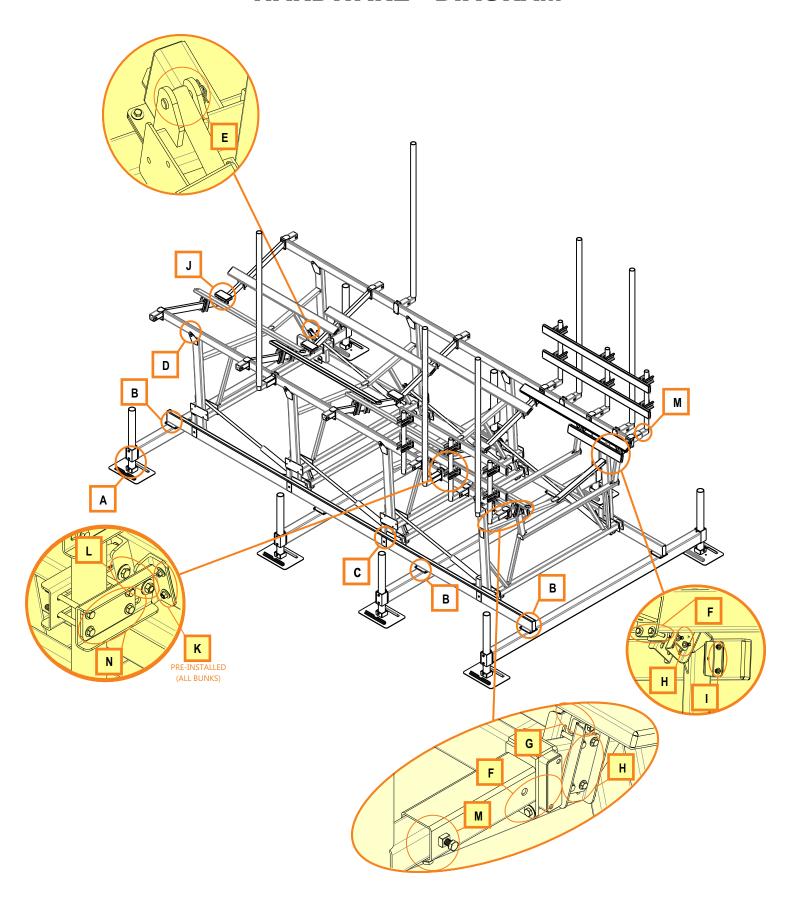
## **PARTS LIST**

| ITEM | PART #    | DESCRIPTION                   | QTY  |
|------|-----------|-------------------------------|------|
| 1    | W110-0032 | Base Crossmember              | 4    |
| 2    | W104-0038 | Left Side Rail                | 1    |
| 3    | W104-0039 | Right Side Rail               | 1    |
| 4    | W101-0071 | H-Frame, Aft                  | 1    |
| 5    | W101-0070 | H-Frame, Center               | 1    |
| 6    | W101-0069 | H-Frame, Forward              | 1    |
| 7    | W113-0039 | Bunk Rail                     | 2    |
| 8    | K200-0223 | Adjustable Support Leg        | 8    |
| 9    | F730-0013 | Leg Cap                       | 8    |
| 10   | W113-0029 | Bunk Chevron, Forward         | 4    |
| 11   | W113-0031 | Bunk Chevron, Mid             | 1    |
| 12   | W113-0030 | Bunk Chevron, Aft             | 1    |
| 13   | W116-0010 | Foot Pad                      | 8    |
| 14   | A428-0043 | Bunk Board Assembly, Forward  | 6    |
| 15   | A428-0044 | Bunk Board Assembly, Aft      | 2    |
| 16   | W410-0097 | Guide Board                   | 2    |
| 17   | W410-0081 | Keel Block                    | 4    |
| 18   | H310-0024 | Dual Hydraulic Cylinder Kit   | 3    |
| 19   | W108-0046 | Load Guide Stanchion          | 2+   |
| 20   | A428-0045 | Guide Board Assembly, Upper   | 4    |
| 21   | K204-0116 | Bunk Stanchion*               | 60   |
| 22   | K204-0160 | Bunk Stanchion Backing Plate* | 60   |
| 23   | K204-1095 | CG Bolt Plate                 | var. |
| 24   | W108-0047 | CG Socket Weldment            | var. |
| 25   | K204-1125 | CG Buffer Tube                | var. |
| 26   | W410-0081 | Keel Block Spacer**           | var. |

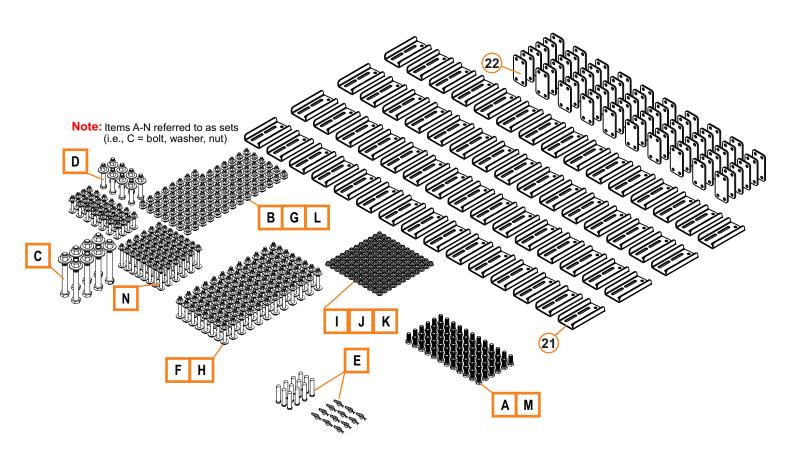
\*shown on next page \*\* not shown

FOR QUESTIONS ABOUT PARTS PLEASE CALL BASTA BOATLIFTS AT (425) 641-8911

## **HARDWARE - DIAGRAM**



## **HARDWARE - LIST**



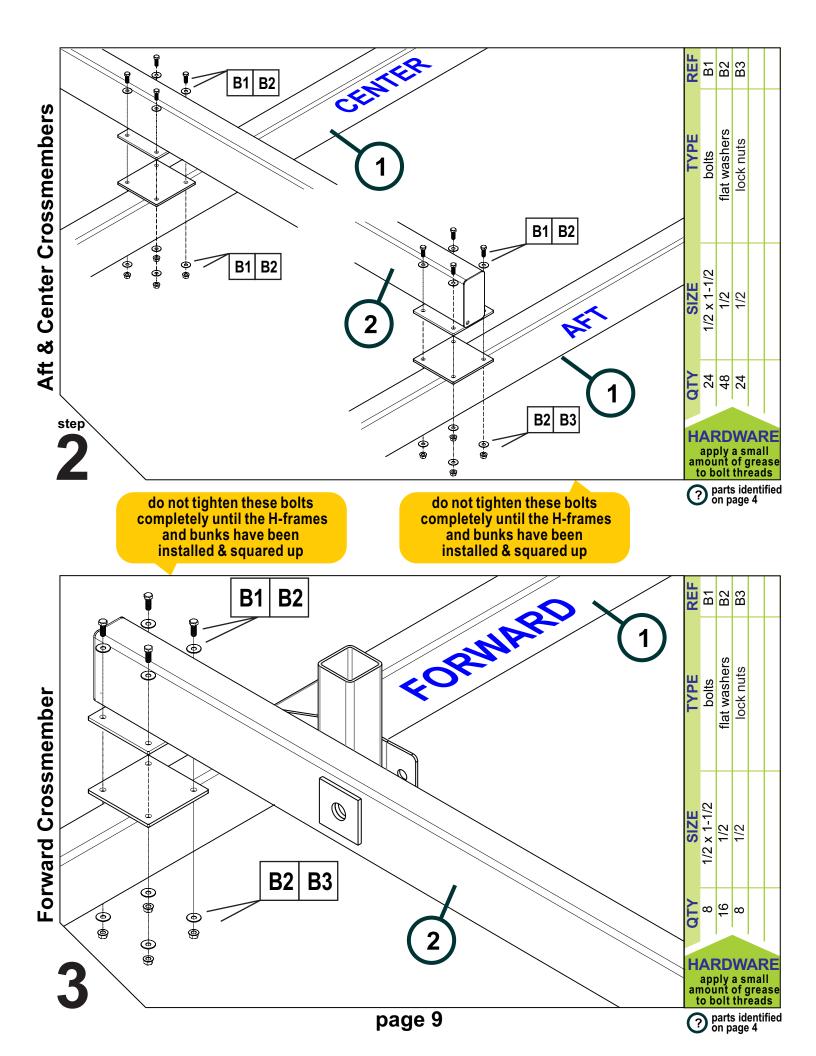
### **HARDWARE**

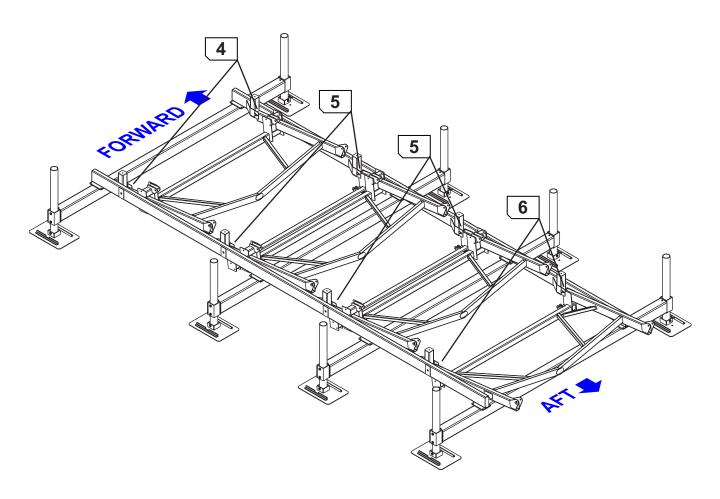
| ITEM | PART#     | DESCRIPTION                          | QTY |
|------|-----------|--------------------------------------|-----|
| A1   | S166-6812 | 5/8" x 1-1/2" hex head set screw, SS | 48  |
| B1   | S103-0707 | 1/2" x 1-1/2" hex head cap screw, SS | 32  |
| B2   | S313-0010 | 1/2" flat washer, SS                 | 64  |
| B3   | S362-0010 | 1/2" nylon insert lock nut, SS       | 32  |
| C1   | S103-1020 | 1" x 9" hex head cap screw, SS       | 8   |
| C2   | S313-4015 | 1" flat washer, SS                   | 8   |
| C3   | S362-0014 | 1" nylon insert lock nut, SS         | 8   |
| D1   | S103-0912 | 3/4" x 5" hex head cap screw, SS     | 8   |
| D2   | S313-0013 | 3/4" flat washer, SS                 | 8   |
| D3   | S362-0012 | 3/4" nylon insert lock nut, SS       | 8   |
| E1   | S522-0801 | ring type cotter pin, SS             | 12  |
| E2   | S503-0013 | 3/4" x 3-1/2" clevis pin, SS         | 12  |
| F1   | S103-0717 | 1/2" x 4" hex head cap screw, SS     | 24  |
| F2   | S313-0010 | 1/2" flat washer, SS                 | 48  |
| F3   | S362-0010 | 1/2" nylon insert lock nut, SS       | 24  |
| G1   | S103-0707 | 1/2" x 1-1/2" hex head cap screw, SS | 36  |
| G2   | S313-0010 | 1/2" flat washer, SS                 | 72  |
| G3   | S362-0010 | 1/2" nylon insert lock nut, SS       | 36  |
| H1   | S103-0717 | 1/2" x 4" hex head cap screw, SS     | 72  |
| H2   | S313-0010 | 1/2" flat washer, SS                 | 144 |
| Н3   | S362-0010 | 1/2" nylon insert lock nut, SS       | 72  |

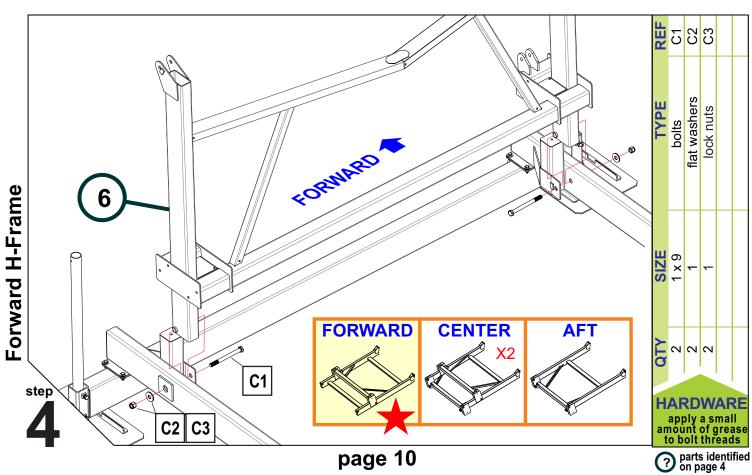
| ITEM | PART#     | DESCRIPTION                          | QTY |
|------|-----------|--------------------------------------|-----|
| l1   | S312-0007 | 5/16" flat washer, galvanized        | 8   |
| 12   | S321-0007 | 5/16" lock washer, galvanized        | 8   |
| 13   | S341-0007 | 5/16" hex nut, galvanized            | 8   |
| J1   | S312-0007 | 5/16" flat washer, galvanized        | 16  |
| J2   | S321-0007 | 5/16" lock washer, galvanized        | 16  |
| J3   | S341-0007 | 5/16" hex nut, galvanized            | 16  |
| K1   | S312-0007 | 5/16" flat washer, galvanized        | 120 |
| K2   | S321-0007 | 5/16" lock washer, galvanized        | 120 |
| K3   | S341-0007 | 5/16" hex nut, galvanized            | 120 |
| L1   | S103-0707 | 1/2" x 1-1/2" hex head cap screw, SS | 24  |
| L2   | S313-0010 | 1/2" flat washer, SS                 | 48  |
| L3   | S362-0010 | 1/2" nylon insert lock nut, SS       | 24  |
| M1   | S166-6812 | 5/8" x 1-1/2" hex head set screw, SS | 24  |
| N1   | S103-0719 | 1/2" x 5" hex head cap screw, SS     | 48  |
| N2   | S313-0010 | 1/2" flat washer, SS                 | 96  |
| N3   | S362-0010 | 1/2" nylon insert lock nut, SS       | 48  |
| 21   | K204-0116 | Bunk Stanchion Backing Plate         | 60  |
| 22   | K204-0160 | bolt plate, 3.25" x 6"               | 60  |

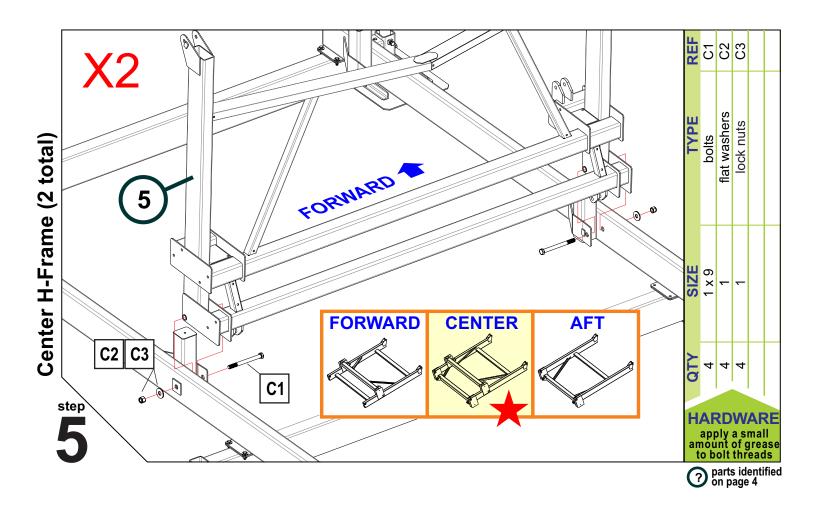
<sup>\*</sup>Centering device (CD) hardware not pictured

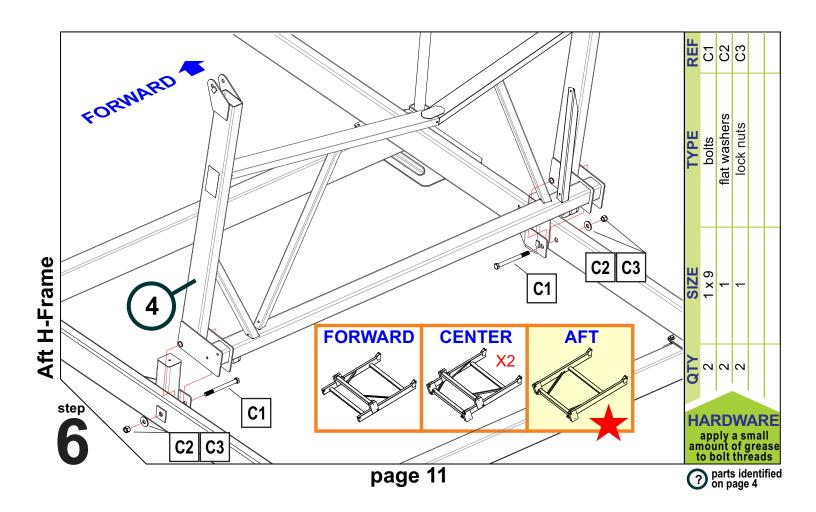
## **ASSEMBLY INSTRUCTIONS** 3 1 2 1 2 2 tighten leg set screws alternately to push the leg securely into the corner of the leg socket REF A1 Foot and Leg Sockets (8 Total) hex head set screws 8 Ø 6 **A1** Ø 5/8 x 1-1/2 SIZE **A**1 **6** 84 **A1 A**1 step **HARDWARE** apply a small amount of grease to bolt threads page 8 parts identified on page 4

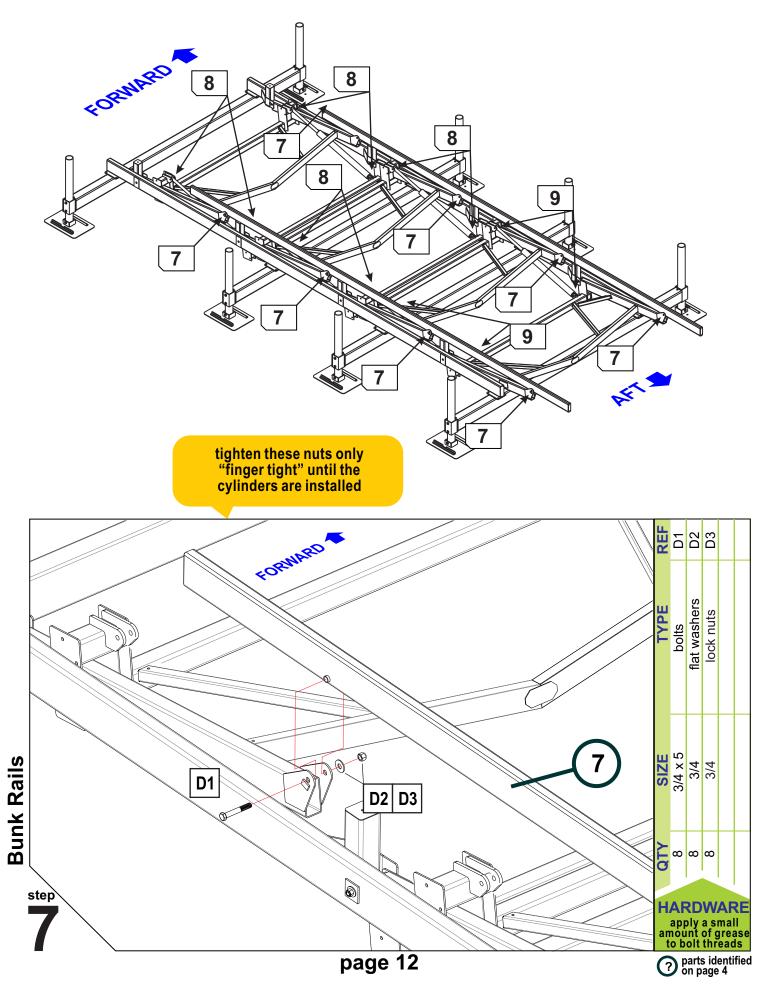


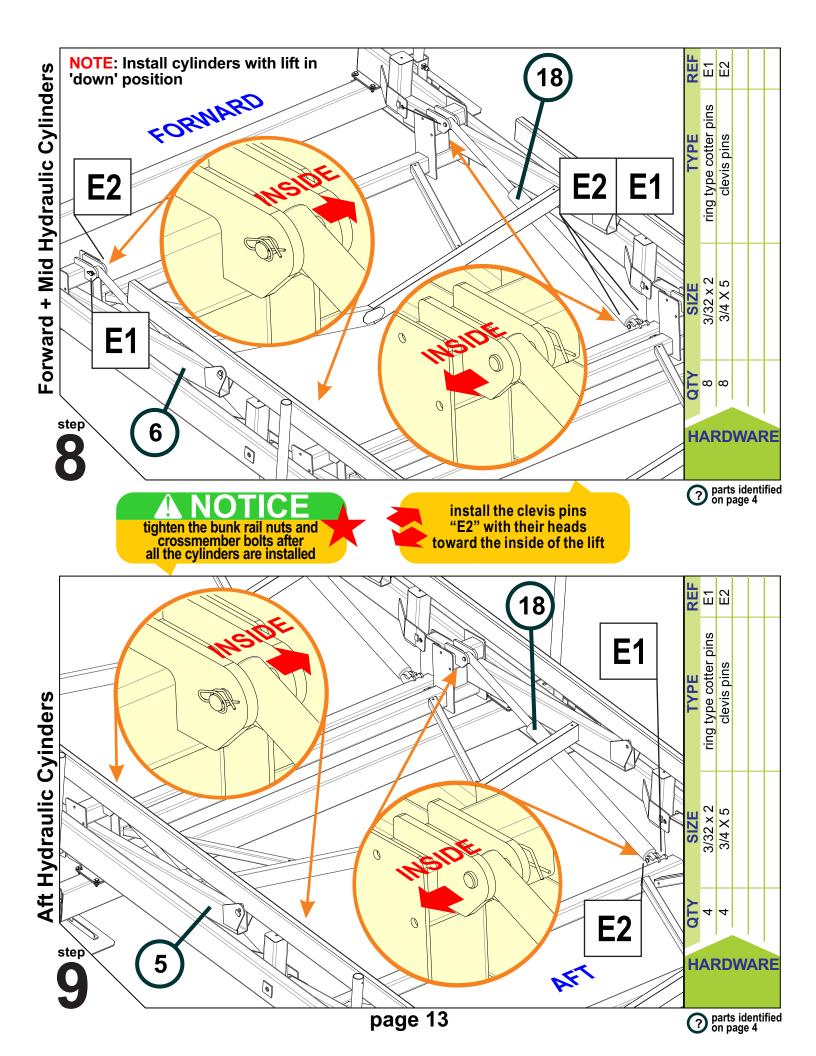


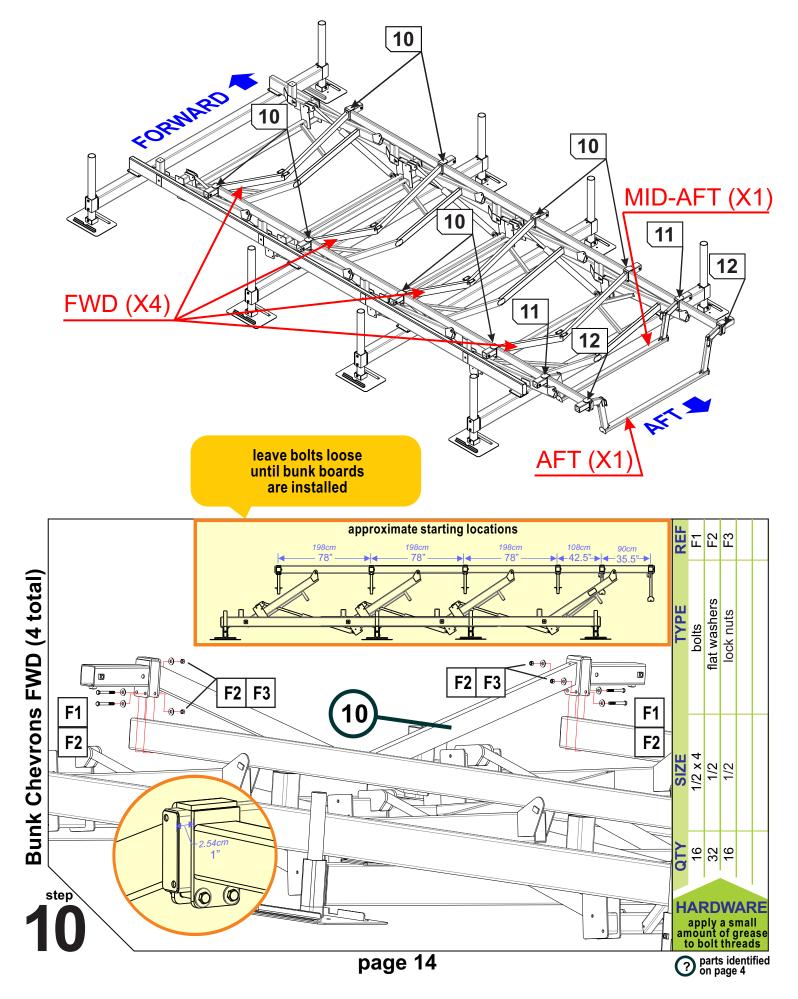


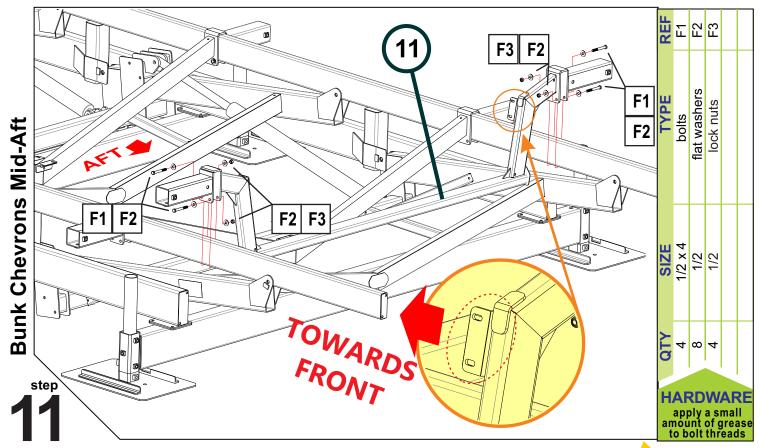










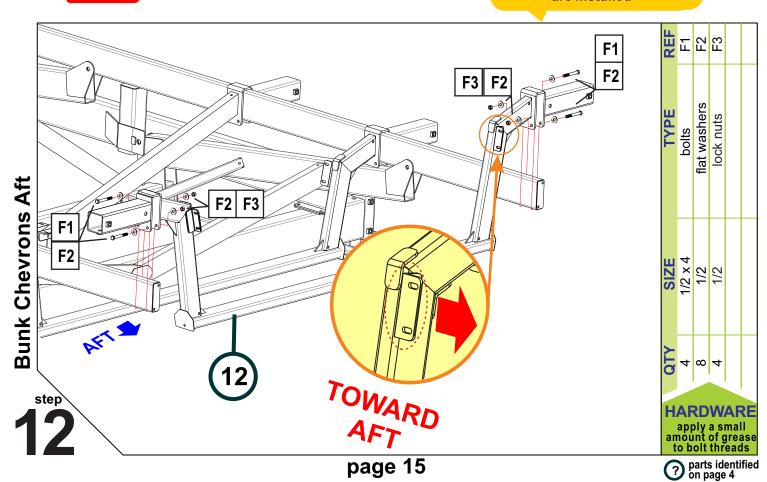


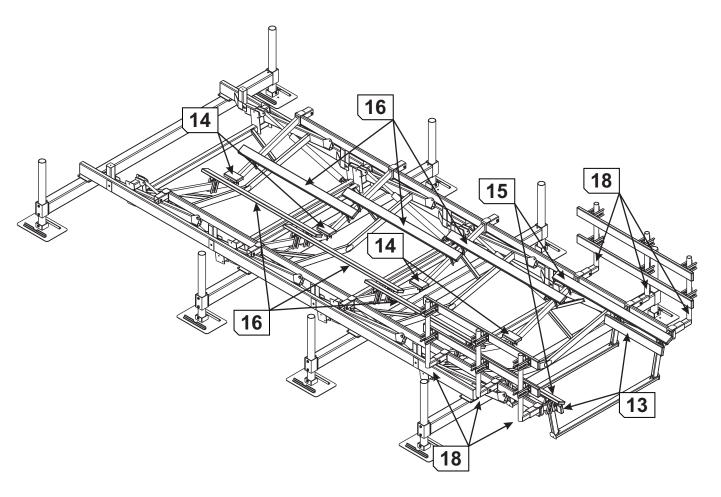


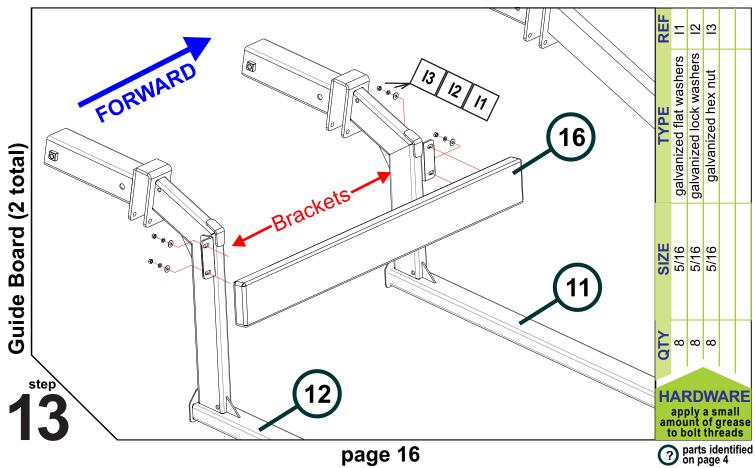
STEP 11: MID-AFT, BRACKET MUST FACE FORWARD

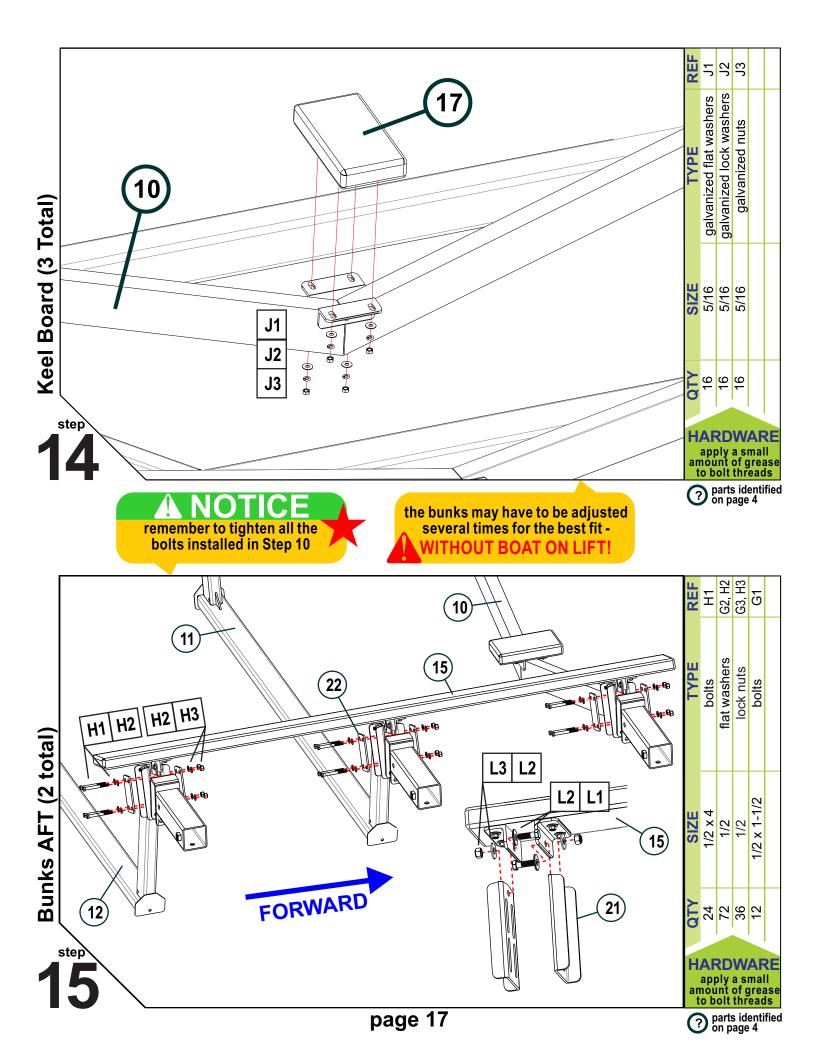
STEP 12: AFT, BRACKET MUST FACE AFT

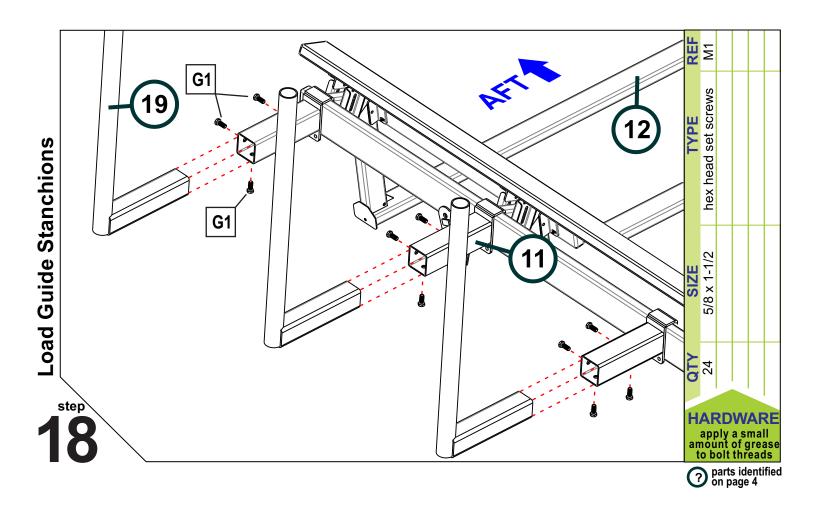
leave bolts loose until bunk boards are installed

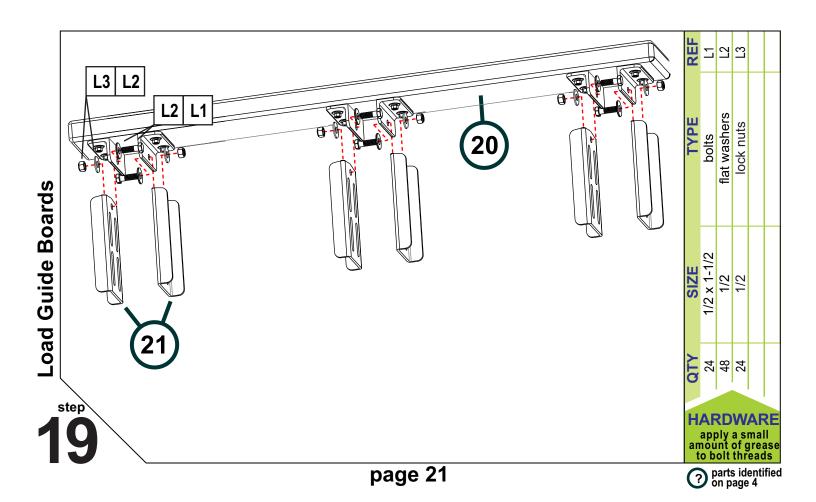




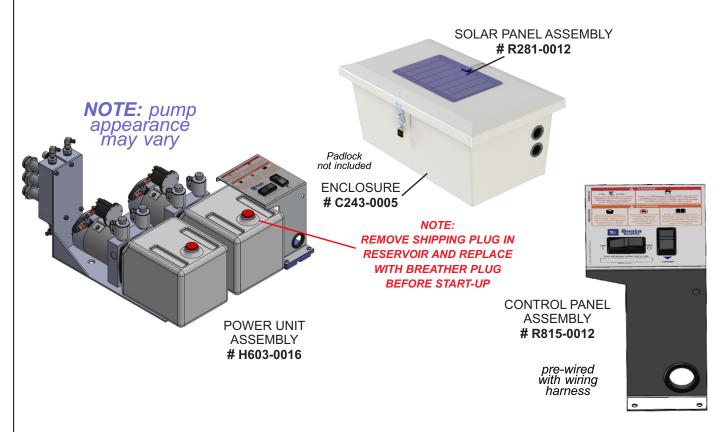




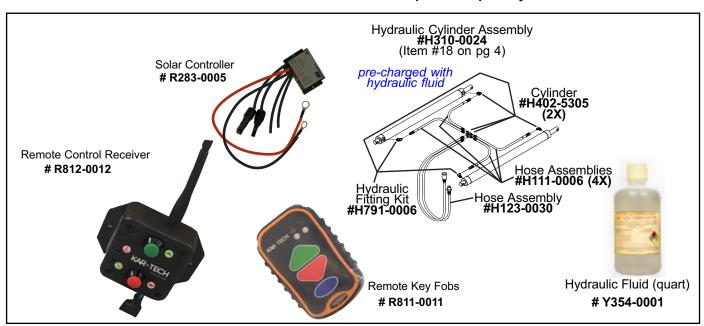




#### **POWER SYSTEM COMPONENTS**

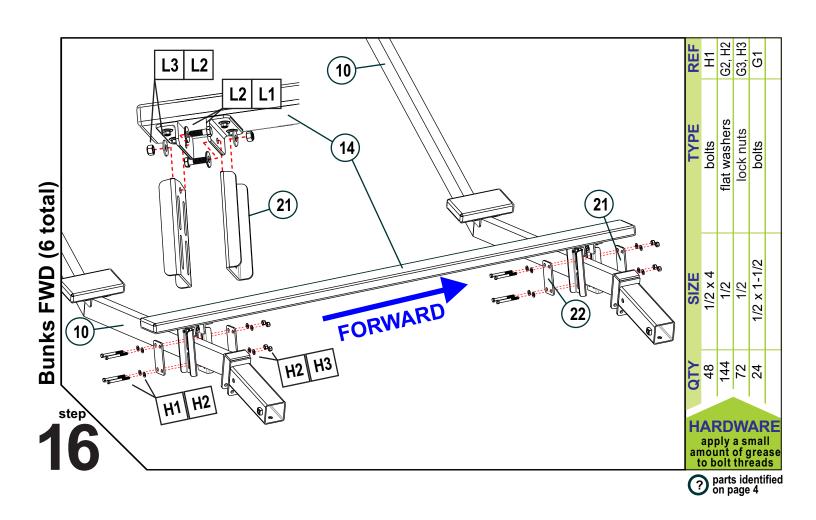


Please order replacement parts by PART NO. and DESCRIPTION

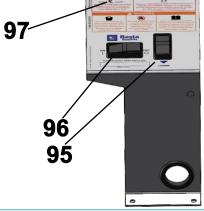


**BATTERY SAFETY IS IMPORTANT** 

Follow all battery manufacturer's warnings and safety information.



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#### NOTE:

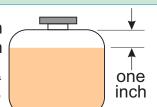
Disconnect the solar controller from the solar panel when batteries are not hooked up.

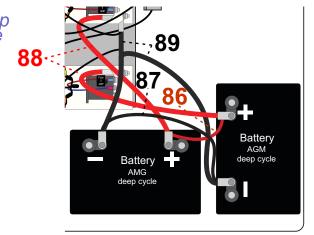
Ensure each Quick Coupler is completely seated and tight with no gap at the connection joint.

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





- 1. 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).3. Connect solar controller plugs to solar panel plugs.

- Connect solar controller "+" and "--" connections to pump
- 4. 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).
- 5. Test the lift on dry ground using the Up/Down Switch (#9) and the Key Fob Transmitters. Inspect the system for leaks.



**NOTICE** 

Tighten nuts on batteries very tight.

Otherwise, cables may overheat during lift operation.

### WARNING



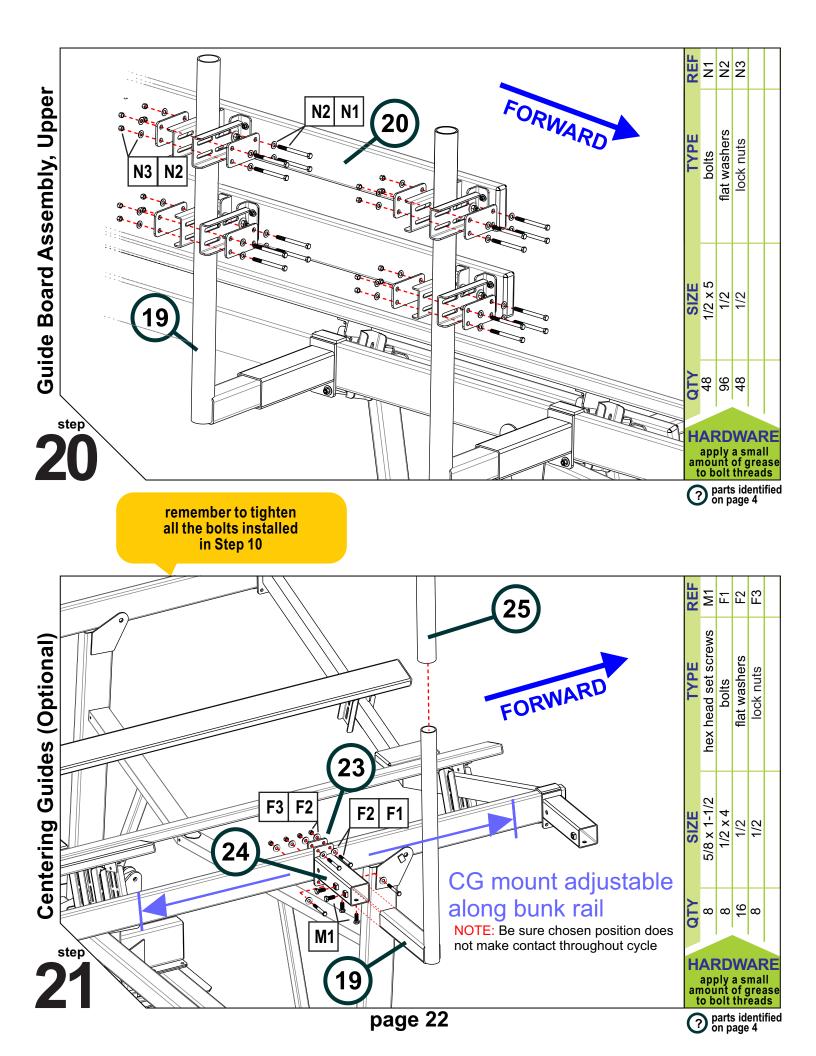




High pressure hydraulics can penetrate skin

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.

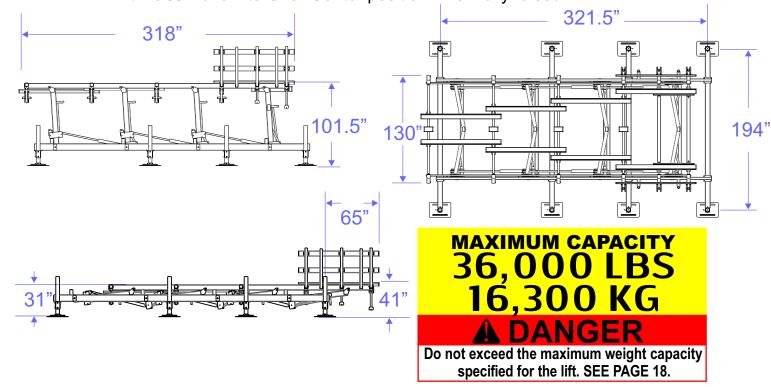
step



#### 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 Center<sup>tm</sup> 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.

#### **OPERATIONAL INSTRUCTIONS**

#### **IMPORTANT:**

- If you purchase a new vessel, make sure does not exceed the weight capacity limits of the lift.
   Maximum weight capacity can be found on the cover of this manual and on the H frame of the lift.
- Always turn power unit OFF when not in use.
- Keep inside of power unit box dry.
- To prevent unauthorized use lock box using padlock through the latch hasp.
- Securing your mooring line to the dock may provide additional security should the lift be lowered inadvertently.
- Leaving your bilge pump on the automatic setting may prevent the accumulation of rainwater in your vessel and overloading of the lift.
- Service your lift according to recommended Maintenance (page 21).
- Only use Basta Boatlifts approved fluid in lift. Contact Basta Boatlifts or authorized dealer for approved biodegradable hydraulic fluid.
- When not in use, store the lift in the upright position to prevent it from being an unknown hazard underwater.
- **Step 1:** Power on. Using the manual switch on the control panel, switch the On/Off switch to the "On" position.
- **Step 2:** Lower the Lift. Using the Key Fob, unlock the Fob by pressing and releasing the lock button.

  Next, press the down button to lower the lift.
- **Step 3:** Carefully guide the watercraft off the lift. Repeat in reverse order upon return.

For more questions or troubleshooting, consult your Authorized Dealer, the FAQs page on Bastaboatlifts.com or give us a call at 425-641-8911.

### **MAINTENANCE**

#### FOR ASSISTANCE OR SERVICE:

### Contact your local dealer or call 1-866-Go-Basta

or email: service@gobasta.com

#### **BATTERY**

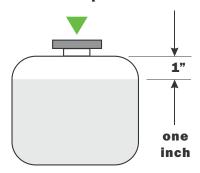
Always use AGM batteries and follow battery manufacturer's warnings and instructions. Improper use, or use of other batteries, have the potential to produce flammable hydrogen gas which can result in serious injury or death. If you have limited solar exposure when the lift is not in use (typically winter), consider moving battery to a temperate environment (garage) and leave on battery maintainer.

#### **SOLAR PANEL**

Every Month (more as needed)
Wipe the solar panel with a clean, damp cloth to
maintain its charging performance

# IMPORTANT ONLY ADD FLUID WITH LIFT IN DOWN POSITION

## Hydraulic fluid shown with lift in the DOWN position



#### **EVERY 6 MONTHS, WE RECOMMEND:**

- · Inspect hoses, cylinders and fittings for leaks and wear
- · Check wire terminals for snugness and corrosion
- · Check hydraulic fluid level and clarity. The hydraulic fluid level should be about one inch below the top of the reservoir with the lift completely down. DO NOT add fluid with the lift in the raised position! Use only Basta Boatlifts approved fluid. The lift power system does not consume fluid, so if fluid is low, look for leaks

## EVERY 3-5 YEARS, DEPENDING ON USAGE:

Flush hydraulic fluid. Visit the Basta Boatlifts service page for detailed instructions on how to perform a fluid flush: bastaboatlifts.com/support

Annual factory approved service is available.

Contact your local dealer or Basta Boatlifts for additional information.

## **MAINTENANCE LOG**

| DATE: | WHAT WAS DONE: |
|-------|----------------|
|       |                |
|       |                |
|       |                |
|       |                |
|       |                |
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|       |                |
|       |                |

### TROUBLESHOOTING PROBLEMS AND FAQ

## For more answers to frequently asked questions, visit: bastaboatlifts.com/faqs

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

A: Verify that the loaded watercraft 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 battery. 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 19.

## 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 Over-Center, upright position when the watercraft is unattended.

#### Q: IS MY VESSEL SECURE?

A: Yes, once you verify that the lift is Over-Ce**M**er 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 watercraft 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 website at www.gobasta.com for detailed instructions.

## Q: HOW DO I KNOW WHEN IT IS TIME TO CHANGE THE FLUID?

A: Basta Boatlifts' hydraulic fluid lasts between 3-6 years depending on usage. If you begin to hear an increased pitch. in the sound of your pump motor, it is likely time to flush your hydraulic fluid. You can also tell by the clarity of the fluid. Fluid that is ready to be changed will be dark in color or cloudy. New fluid is clear.

#### Q: WHAT IF I GET A NEW VESSEL?

A: Re-leveling the lift may be necessary.

A new lift will be required if the watercraft exceeds the weight capacity of your current lift.

## 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 1, 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 Request form. Warranty Request forms may be found and submitted at https://bastaboatlifts.com/support. Upon receipt of a complete Warranty Request 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.

#### 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.