Register your Pier Pleasure purchase at www.pierpleasure.com/warranty
BOAT LIFT WARNINGS!

- Read and understand this manual completely before installing dock.
- Instruct everyone about the proper operating procedures.
- Ground fault interrupter must be installed and working properly if you are using an electrical power unit.
- Do not make any electrical connections to the boat lift.
- Be sure to use cordless tools when near to or in water.
- Observe all caution stickers and decals. They are there for your safety.
- Grease clevis pins yearly for enhanced performance.
- To prevent risk of personal injury, do not lift or move lift alone. Be sure to use proper lifting techniques when assembling and moving lift.
- Be sure to tighten all bolts and brackets properly before use.
- Lift must be level with water line to operate properly.
- Your Pier Pleasure limited warranty does not cover ice damage. Do not leave any Pier Pleasure product in the water during winter months. Leaving product in freezing water in all situations is not recommended. Any liability for damages caused by leaving product in freezing water will not be covered under warranty.
- Do not exceed the maximum lift capacity. Exceeding lift capacity may lead to equipment failure and/or personal injury.
- Stop lowering the bunk once the boat is floating.
- Weight of the boat must be positioned on the lift correctly or damage will occur to winch and lift frame. See Page 12 for proper positioning of boat.
- Position lift as close to the dock as possible to operate lift efficiently and make boarding the boat safer.
- Rain water in boat could cause the lift to become overloaded resulting in damage to the winch and lift frame. Remove drain plug from boat when unattended.
- Inspect cables when using the lift for fraying. Replace cable if excessively frayed.
- Inspect pulleys to ensure that they turn freely. Replace excessively worn pulleys.
- Grease all pins with zerks once a year to improve the performance of the pulley system.
- Completely lower the boat lift when any maintenance is done to lift.
- Do not work in or on your boat when raised up in the lift.
- Never attempt to stop the winch wheel when it begins to free wheel or reach through the spokes of the winch wheel for any reason or personal injury could occur.
- Never operate the lift with the remotes unless the lift is in view. Unattended operation of the lift could cause damage to the lift and bodily harm to anyone around the boat lift.
- Do not let anyone swim or play under or around the boat lift or dock. Keep clear during operation of the lift. No jumping from, diving off or running on the dock or near the boat lift. Severe head, neck, back injury or death could result. Wear Personal Floatation Device(PDF) for added protection when on the dock.
Thank you for purchasing a Pier Pleasure Boat Lift. We appreciate the confidence you placed in our products. If you need additional assistance beyond the information in this manual, please contact Pier Pleasure at 1.800.658.7010 or e-mail at info@pierpleasure.com. May your Pier Pleasure boat lift bring you many years of enjoyment.

Tools Needed for Assembly and Installation:

- 1/2” Wrenches and/or Socket for 5/16” Bolts
- 9/16” Wrenches and/or Socket for 3/8” Bolts
- 3/4” Wrenches for 1/2” Bolts
- 3/16” Allen Wrench to Install Cable in 3000#-6000# Winch
- Vise Grip
- Pliers
- Flat Edge Screwdriver
- Tape Measure
- Adjustable Wrench

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Lift Warranties

PLEASE OBSERVE ALL CAUTION STICKERS. THEY ARE THERE FOR YOUR SAFETY!

Register your Pier Pleasure purchase at www.pierpleasure.com/warranty
### Vertical Lift Assembly

#### QTY AL30108V

<table>
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<th>AL30108V</th>
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<th>AL60120VP</th>
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1. Locate and identify side assemblies. (QTY : 2 pieces)

### Diagrams

**OUTSIDE VIEW**

**INSIDE VIEW**
2. Locate front and back bottom beams. (QTY : 2 pieces)

3. Locate lift drop leg tubes and foot pads (QTY : 4 each)
   Assemble drop legs with provided bolt kit.

4. Insert lift drop legs into bottom of each upright. Then insert bent drop leg pin through upright and lift drop leg. Secure pin with hair pin clip.

5. Stand side assemblies up on footpads and bolt the end of each cross beam to uprights. There are 4 bolts at each connection. (See photos.) Use bolts with lock washers and brass nuts. (See photos.)
   - 1200# & 2400# Lifts use 5/16” x 1” Bolts
   - 3000# - 8000# Lifts use 3/8” x 1-1/4” Bolts
   Repeat installation of bolts at all 4 corners. Do not tighten bolts at this time.

6. Locate diagonal support braces (QTY : 4 pieces)
   - 18” - Vertical Pontoon Lifts
   - 30” - All other Vertical Lifts

7. Install diagonal support braces from cross beams to uprights (4 total). Use 3/8” x 2” bolts with brass nuts.

8. Check to see that entire frame assembly is level and square. Next, tighten all nuts and bolts. The main frame assembly is now complete.
Vertical Lift Bunk Assembly

1. Locate the two Load Beams. (See Diagram A)

2. Locate the two Side Beams. (See Diagram A)

3. **Pontoon Lifts Only** - Locate Middle Bunk Tube. (QTY: 1) Pontoon lifts require an installation of 2" x 2" tube located in the center of the bunk assembly. This tube will later help support the center of the Pontoon V-Rack.

4. Assemble the side beams to the load beams as shown in Diagram A. Match A to A, B to B, C to C, and D to D. (See Assembly Photos.) **Pontoon Lift only - Install middle bunk tube.**

   SPECIAL NOTE: The hair pins and clevis pins on the Side Beams must be removed before attaching the beam mounting plate to the Load Beam mounting plate.

   **DO NOT REMOVE PINS FROM LOAD BEAM BY MISTAKE**

5. After bunk assembly is assembled, check to see that the bunk is square and level. Tighten all bolts and make sure all pins are in place.
## ASSEMBLY OF BUNK

### Lift Model
- **AL24108V**: 1/4" x 23' 6"
- **AL30108V**: 5/16" x 23' 6"
- **AL30120V**: 5/16" x 24' 6"
- **AL40120V-BB**: 5/16" x 25'
- **AL50120V-BB**: 5/16" x 25'
- **AL60120V-BB**: 3/8" x 26'
- **AL40120VP**: 5/16" x 25'
- **AL50120VP**: 5/16" x 25'
- **AL60120VP**: 3/8" x 26'
- **AL70120V**: 3/8" x 26'
- **AL80120V-HYD**: 3/8" x 26' 11"
- **AL80132V-HYD**: 3/8" x 27' 11"
- **AL100132V-HYD**: 3/8" x 27' 11"

### Winch Cable
- **AL24108V**: 1/4" x 15' 9-1/2" 1/4" x 16' 1-1/2"
- **AL30108V**: 5/16" x 15' 7-1/2" 1/4" x 16'
- **AL30120V**: 5/16" x 15' 7-1/2" 1/4" x 17"
- **AL40120V-BB**: 5/16" x 16' 7-1/2" 1/4" x 17' 1-1/2"
- **AL50120V-BB**: 5/16" x 16' 8-1/2" 1/4" x 17' 1-1/2"
- **AL60120V-BB**: 3/8" x 16' 9" 5/16" x 17' 2-1/2"
- **AL40120VP**: 5/16" x 18' 11-1/2" 1/4" x 17' 1-1/2"
- **AL50120VP**: 5/16" x 19' 1/2" 1/4" x 17' 1-1/2"
- **AL60120VP**: 3/8" x 19' 1" 5/16" x 17' 2-1/2"
- **AL70120V**: 3/8" x 19' 1" 5/16" x 17' 2-1/2"
- **AL80120V-HYD**: 3/8" x 19' 1" 5/16" x 17' 2-1/2"
- **AL80132V-HYD**: 3/8" x 19' 1" 5/16" x 18' 2-1/2"
- **AL100132V-HYD**: 3/8" x 19' 1" 5/16" x 18' 2-1/2"

### Side Cables
- **AL24108V**: Qty : 2
- **AL30108V**: Qty : 2
- **AL30120V**: Qty : 2
- **AL40120V-BB**: Qty : 4
- **AL50120V-BB**: Qty : 2
- **AL60120V-BB**: Qty : 2
- **AL40120VP**: Qty : 2
- **AL50120VP**: Qty : 2
- **AL60120VP**: Qty : 2
- **AL70120V**: Qty : 2
- **AL80120V-HYD**: Qty : 2
- **AL80132V-HYD**: Qty : 2
- **AL100132V-HYD**: Qty : 2

### Leveling Cables
- **AL24108V**: Qty : 2
- **AL30108V**: Qty : 2
- **AL30120V**: Qty : 2
- **AL40120V-BB**: Qty : 2
- **AL50120V-BB**: Qty : 2
- **AL60120V-BB**: Qty : 2
- **AL40120VP**: Qty : 2
- **AL50120VP**: Qty : 2
- **AL60120VP**: Qty : 2
- **AL70120V**: Qty : 2
- **AL80120V-HYD**: Qty : 2
- **AL80132V-HYD**: Qty : 2
- **AL100132V-HYD**: Qty : 2

### Sheave
- **AL24108V**: Qty : 1
- **AL30108V**: Qty : 1
- **AL30120V**: Qty : 1
- **AL40120V-BB**: Qty : 1
- **AL50120V-BB**: Qty : 1
- **AL60120V-BB**: Qty : 1
- **AL40120VP**: Qty : 1
- **AL50120VP**: Qty : 1
- **AL60120VP**: Qty : 1
- **AL70120V**: Qty : 1
- **AL80120V-HYD**: Qty : 1
- **AL80132V-HYD**: Qty : 1
- **AL100132V-HYD**: Qty : 1

### Part Numbers
- **AL24108V**:
  - 1/4" x 23' 6": Part # : 150-12-003A
  - 1/4" x 15' 9-1/2": Part # : 150-12-002
- **AL30108V**:
  - 5/16" x 23' 6": Part # : 150-24-005
  - 1/4" x 15' 7-1/2": Part # : 150-24-006
- **AL30120V**:
  - 5/16" x 24' 6": Part # : 150-24-005
  - 1/4" x 15' 7-1/2": Part # : 150-24-006
- **AL40120V-BB**:
  - 5/16" x 25": Part # : 150-46-014
  - 1/4" x 16' 7-1/2": Part # : 150-46-016
- **AL50120V-BB**:
  - 5/16" x 25": Part # : 150-46-014
  - 1/4" x 16' 8-1/2": Part # : 150-46-016
- **AL60120V-BB**:
  - 3/8" x 26": Part # : 150-46-014
  - 3/8" x 16' 9": Part # : 150-46-016
- **AL40120VP**:
  - 5/16" x 25": Part # : 150-46-014
  - 1/4" x 18' 11-1/2": Part # : 150-46-016
- **AL50120VP**:
  - 5/16" x 25": Part # : 150-46-014
  - 5/16" x 19' 1/2": Part # : 150-46-016
- **AL60120VP**:
  - 3/8" x 26": Part # : 150-46-014
  - 3/8" x 19' 1": Part # : 150-46-016
- **AL70120V**:
  - 3/8" x 26": Part # : 150-46-014
  - 3/8" x 16' 9": Part # : 150-46-016
- **AL80120V-HYD**:
  - 3/8" x 26' 11": Part # : 150-46-014
  - 3/8" x 19' 1": Part # : 150-46-016
- **AL80132V-HYD**:
  - 3/8" x 27' 11": Part # : 150-46-014
  - 3/8" x 19' 1": Part # : 150-46-016
- **AL100132V-HYD**:
  - 3/8" x 27' 11": Part # : 150-46-014
  - 3/8" x 19' 1": Part # : 150-46-016

### Diagram A
- **Lift Beam**
- **Winch Corner**
- **Side Beam**
- **Load Beam**
- **Winch Cable**
- **Leveling Cables**
- **Sheave**
- **Part Numbers**

---

**Note:** Yearly maintenance includes greasing the bearings and checking for wear.
**Vertical Lift Bunk Installation**

1. Identify corner A of bunk assembly. Identify winch upright of frame assembly.

2. Lift and set bunk assembly inside of main frame. (Match corner A of bunk with winch upright.)

3. Set bunk down inside frame so it sets on the 2 aluminum flat pieces welded at the bottom of the uprights. This will keep the bunk level.

4. Attach cables to the top of uprights B, C and D. (The cable at corner A will be going into winch later.) Insert the bolt end of the cables through the brackets at the top of each upright. Install two nuts on the bolt to hold in place. Do not tighten cables at this time. (See Assembly Photos.)

5. Install eye end of cables to the bottom of uprights B, C and D. Insert pin through both aluminum flats at the bottom of the upright and eye of cable. Install cotter pin. (See Assembly Photos.)

**Vertical Lift Winch Installation**

1. Locate upright A. Locate positioner/square flat plate that is welded to the side of the upright 6" down from the top of the upright. The bottom edge of the winch is to rest on the top edge of the plate. Next, install the two 3/8" bolts through the winch mounting brackets. Use washers on both sides. (See Assembly Photos.)

2. Install winch wheel by turning the wheel on to the shaft of the winch. It may be necessary to clamp or secure the inside hub of the winch to keep it from turning during this process. This will keep the shaft from turning while installing the wheel.

3. Install the 5/16" x 3/4" bolt and aluminum washer in to the end of the winch shaft. This will keep the wheel from turning off when lowering the boat. There should be about 1/8" of space between the washer and wheel when the bolt is tight. The 1/8" space allows the winch wheel to back off the clutch brake pad, allowing the boat to be lowered. (See Assembly Photos.)

4. Loosen screws located on winch spool with allen wrench. Push screws up in to the winch spool allowing room for cable to be installed under the bar located inside the spool. Inst all the cable in to the spool and under the bar inside. Tighten down the screws firmly, checking that the bar is securely tightened down on the cable. (See Assembly Photos.)
Vertical Lift Cable Installation
1. While the bunk is resting on the bottom of the uprights, tighten all 3 load cables. Start with the main cable that runs from the winch to corner upright B. This is done by turning the winch wheel until the load beam of the bunk just starts to raise; then stop. (See Assembly Photos.)

2. Next, tighten the side beam cable that runs from upright B to upright D. Turn the nuts on the bolt end of the cable until the load beam C-D just starts to raise; then stop. (See Assembly Photos.)

3. Next, repeat the same process with the side beam cable that runs from upright A to upright D.

4. Once the cables are adjusted, hold the bottom nut in place and turn the top nut down tight to hold the position. (See Assembly Photos.)

Adjustment of Vertical Lift Cables
1. The guide cables are located in the load beam running from upright C to upright D. Guide cables are designed to keep the bunk level. Guide cables should be adjusted to be slightly looser than other load cables. After adjusting, tighten the two nuts on each bolt end to hold positions. (See Assembly Photos.)

2. While the lift is under load, it is normal to have one cable tight while having the opposite guide cable more loose. This will alternate when the load is being raised versus lowered.

3. The bunk of the lift must always be level with the main frame assembly of the lift to work properly. It is also very important to keep the lift level with the water. Do this by adjusting the drop legs and using the number scale on the sides of the uprights. Check often to see that the lift and bunk are level with the water. This will ensure top performance of your lift.
Vertical Lift Assembly Photos

EYE END OF CABLE.
INSERT PIN THROUGH FLATE AND EYE.
INSTALL HAIR PIN.

LIFT DROP LEG
STANDARD LEG IS 3’ LONG

LIFT CORNER A - WINCH UPRIGHT

LIFT CORNER D
BOLT END OF CABLES INSTALLED. INSERT CABLES THROUGH BRACKETS. INSTALL (2) BRASS NUTS TO SECURE & LEVEL.

CLOSE-UP OF GUIDE CABLES.

LIFT CORNER C

LIFT CORNER B
IMPORTANT NOTE: To improve the performance of the winch and wheel, add lithium grease to the threads of the winch shaft. Removing the wheel yearly and adding grease to the winch shaft threads will prevent the wheel from locking in a position over periods on non-use. If wheel locks on winch threads it will be hard to crank down because the wheel is stuck against the brake pad or won’t stay up because the wheel is stuck away from the brake pad.
Proper Installation of Lift in Water

Rotate vertical lift to work on either side of dock. The winch does not move from upright A.

Lift must be level with water. Adjust drop legs and use number scale on lift uprights to show when level with water.

Lift bunk must be level to work properly. Periodically adjust cables to level bunk.

Proper Positioning of Boat on Lift

WARNING:
Boat must be positioned properly on lift. If weight of boat is not equal on both front and rear load beams, the lift will not operate properly and also, damage will occur to winch. A motorstop is recommended to properly position boat on lift.
To assemble the AL1264V or AL1264V-HL, follow the instructions for vertical lift assembly found on pages 3 - 12.

Use 5/16” x 1” bolts and brass nuts to assemble the end of each cross beam to the side assemblies at all four corners.

Since the bunk is completely welded together, the load beams and side beams for the bunk are not bolted together.
BOLT END OF CABLES INSTALLED. INSERT CABLES THROUGH BRACKETS. INSTALL (2) BRASS NUTS TO SECURE & LEVEL.

EYE END OF CABLE. INSERT PIN THROUGH FLATE AND EYE. INSTALL HAIR PIN.

ALUMINUM SHEAVES - STAINLESS PINS WITH GREASE ZERKS - STAINLESS CABLES. GREASE PINS WITH ZERKS YEARLY

D.L. WINCH AND WINCH WHEEL INSTALLED. SECURE WHEEL BY ATTACHING WINCH WHEEL WASHER WITH SPACER AND BOLT SUPPLIED WITH D.L. WINCH KIT.

IMPORTANT NOTE: To improve the performance of the winch and wheel, add lithium grease to the threads of the winch shaft. Removing the wheel yearly and adding grease to the winch shaft threads will prevent the wheel from locking in a position over periods on non-use. If wheel locks on winch threads it will be hard to crank down because the wheel is stuck against the brake pad or won’t stay up because the wheel is stuck away from the brake pad.
## Personal Watercraft Lifts: AL1258 - AL1284

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![AL1258 Diagram](image1)

![AL1284 Diagram](image2)
DO NOT OVER-TIGHTEN NYLON LOCK NUTS.

USE SPACER AND BOLT FROM WINCH KIT

CHAIN MUST MOVE FREELY.
DO NOT OVER-TIGHTEN NYLON LOCK NUTS.
Personal Watercraft Lift Assembly Photos

FRONT CORNER ASSEMBLY SHOWING DROP LEG, FRONT TUBE AND FRONT BRACE

D.L. WINCH AND WINCH WHEEL INSTALLED. SECURE WHEEL BY ATTACHING WINCH WHEEL WASHER WITH SPACER AND BOLT SUPPLIED WITH D.L. WINCH KIT.

IMPORTANT NOTE: To improve the performance of the winch and wheel, add lithium grease to the threads of the winch shaft. Removing the wheel yearly and adding grease to the winch shaft threads will prevent the wheel from locking in a position over periods on non-use. If wheel locks on winch threads it will be hard to crank down because the wheel is stuck against the brake pad or won’t stay up because the wheel is stuck away from the brake pad.
REAR CANTILEVER ATTACHED TO LEFT SIDE USING 1/2" x 4" BOLT, PLASTIC WASHER IN BETWEEN, AND BRASS NYLON LOCK NUT.

BUNK PULLEY AND UPRIGHT PULLEY WITH CABLE. ALLOW UPRIGHT PULLEY TO MOVE FREELY.

CABLE LOOP END IS U-BOLTED TO UPRIGHT.

GREASE PINS WITH ZERKS YEARLY

CANTILEVER ATTACHED TO BUNK USING 1/2" x 3-5/8" CLEVIS PIN, PLASTIC WASHER IN BETWEEN, AND STAINLESS HAIR PIN.
## Full-Length V-Bunk Assembly

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<td>B</td>
<td>4</td>
<td>3/8” x 2” Flat : 14” - 6 Holes</td>
<td>3/8” x 2” Flat : 22” - 9 Holes</td>
<td>3/8” x 2” Flat : 22” - 9 Holes</td>
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<tr>
<td>C</td>
<td>4</td>
<td>3/8” x 2” Flat : 14” - 6 Holes</td>
<td>2” x 2” x 1/4” Angle : 22” - 9 Holes</td>
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<tr>
<td>D</td>
<td>12</td>
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<td>3/8” x 3-1/2” SS Bolt</td>
<td>3/8” x 3-1/2” SS Bolt</td>
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<td>24</td>
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<td>12</td>
<td>3/8” Brass Nut</td>
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*CURVED END REAR END OF LIFT*

SETTING WILL VARY DEPENDING ON THE DIMENSIONS AND SHAPE OF YOUR BOAT.
The charts above show components for Full-Length Guide-Ons. Half-Length Guide-Ons bolt kits will have 4 - 3/8" x 3-1/2" U-Bolts to secure posts to center tube of pontoon lift.
### Pontoon V-Rack Assembly

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<td>140-37-W</td>
<td>Washer, 3/8&quot;</td>
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<td>Tube, Pontoon V-Rack with Vinyl</td>
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#### 3000# - 6000# Pontoon Lifts

![3000# - 6000# Pontoon Lifts Diagram]

#### 2400# - 6000# Standard Lifts

![2400# - 6000# Standard Lifts Diagram]

---

Stainless U-Bolt is 1-1/2" longer than the height of beam

Stainless U-Bolt Plate

3/8" Stainless Flat Washer

3/8" Brass Nut
## Pontoon Center Rack

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<tr>
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<td>4</td>
<td>3/8&quot; SS Lock Washer</td>
<td>3/8&quot; SS Lock Washer</td>
<td>3/8&quot; SS Lock Washer</td>
<td>3/8&quot; SS Lock Washer</td>
<td></td>
</tr>
</tbody>
</table>

- **A**: Pontoon Center Rack Arm
- **B**: Pontoon Center Rack Post
- **C**: 2" x 10" Post
- **D**: 3/8" x 2-1/2" SS Carriage Bolt
- **E**: 3/8" x 2-1/2" SS Bolt
- **F**: 3/8" x 5-1/2" U-Bolt
- **G**: U-Bolt Plate
- **H**: 3/8" SS Washer
- **I**: 3/8" SS Lock Washer
- **J**: 3/8" Brass Nut
Wheel Kit Assembly

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY</th>
<th>ALL LIFTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>2</td>
<td>Aluminum Spindle Assembly - 2 Parts</td>
</tr>
<tr>
<td>A</td>
<td></td>
<td>Wheel Kit Plate</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>8</td>
<td>3/8&quot; x 3-1/2&quot; Carriage Bolt</td>
</tr>
<tr>
<td>D</td>
<td>8</td>
<td>3/8&quot; SS Lock Washers</td>
</tr>
<tr>
<td>E</td>
<td>8</td>
<td>3/8&quot; Brass Nut</td>
</tr>
<tr>
<td>F</td>
<td>2</td>
<td>Lock Pin</td>
</tr>
<tr>
<td>G</td>
<td>2</td>
<td>Rotomolded Wheel</td>
</tr>
<tr>
<td>H</td>
<td>4</td>
<td>Wheel Kit Washer</td>
</tr>
<tr>
<td>I</td>
<td>4</td>
<td>1/4&quot; x 4&quot; Cotter Pin</td>
</tr>
</tbody>
</table>

**WARNING:**

VERTICAL LIFTS REQUIRE CARRIAGE BOLT HEADS TO BE INSTALLED WITH HEAD OF BOLT TO THE INSIDE OF LIFT. FAILURE TO INSTALL BOLTS CORRECTLY WILL RESULT IN LIFT BUNK CATCHING ON BOLTS.

All vertical lifts use 3-1/2” carriage bolts.

Cantilever lifts or lifts with a beam wider than 2” will require longer bolts.

**ROTOMOLDED WHEEL**

Aluminum Spindle Assembly
Assemble the 2 parts together with the 1/4" x 4" Cotter Pin.
## Bow Stop Assembly

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY.</th>
<th>3000# LIFTS</th>
<th>4000# - 8000# LIFTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>Rear Bow Stop Assembly</td>
<td>Rear Bow Stop Assembly</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
<td>Side Bow Stop Assembly</td>
<td>Side Bow Stop Assembly</td>
</tr>
<tr>
<td>C</td>
<td>2</td>
<td>Side Bow Stop Tube</td>
<td>Side Bow Stop Tube</td>
</tr>
<tr>
<td>D</td>
<td>1</td>
<td>Front Bow Stop Assembly</td>
<td>Front Bow Stop Assembly</td>
</tr>
<tr>
<td>E</td>
<td>2</td>
<td>3/8&quot; x 5&quot; SS Bolt</td>
<td>3/8&quot; x 6&quot; SS Bolt</td>
</tr>
<tr>
<td>F</td>
<td>10</td>
<td>3/8&quot; x 3&quot; SS Bolt</td>
<td>3/8&quot; x 3-1/2&quot; SS Bolt</td>
</tr>
<tr>
<td>G</td>
<td>8</td>
<td>3/8&quot; x 3&quot; SS Carriage Bolt</td>
<td>3/8&quot; x 3-1/2&quot; SS Carriage Bolt</td>
</tr>
<tr>
<td>H</td>
<td>24</td>
<td>3/8&quot; SS Washer</td>
<td>3/8&quot; SS Washer</td>
</tr>
<tr>
<td>I</td>
<td>8</td>
<td>3/8&quot; SS Lock Washer</td>
<td>3/8&quot; SS Lock Washer</td>
</tr>
<tr>
<td>J</td>
<td>20</td>
<td>3/8&quot; Brass Nut</td>
<td>3/8&quot; Brass Nut</td>
</tr>
<tr>
<td>K</td>
<td>2</td>
<td>Bow Stop Plate : 4-1/2&quot; x 7&quot;</td>
<td>Bow Stop Plate : 4-1/2&quot; x 7&quot;</td>
</tr>
<tr>
<td>L</td>
<td>2</td>
<td>2&quot; x 2&quot; End Cap</td>
<td>2-1/2&quot; x 2-1/2&quot; End Cap</td>
</tr>
</tbody>
</table>

Adjust to fit your lift and position your boat properly.

### Diagram:

- **PART A - REAR BOW STOP ASSEMBLY**
  - Tube will be welded lower on plates for bent beam lifts.
## Canopy Frame Assembly & Tarp Installation

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY.</th>
<th>AL1258 - AL1284</th>
<th>AL2400# Lifts</th>
<th>3000# Lifts</th>
<th>4000# - 8000# Lifts</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
<td>Canopy - 2 Halves</td>
<td>Canopy - 2 Halves</td>
<td>Canopy - 2 Halves</td>
<td>Canopy - 2 Halves</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>Canopy Ends</td>
<td>Canopy Ends</td>
<td>Canopy Ends</td>
<td>Canopy Ends</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>1200# Canopy Arm</td>
<td>2400# Canopy Arm</td>
<td>3000# Canopy Arm</td>
<td>4000# - 8000# Canopy Arm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BOLT KIT</td>
<td>BOLT KIT</td>
<td>BOLT KIT</td>
<td>BOLT KIT</td>
</tr>
<tr>
<td>D</td>
<td></td>
<td>(3) - 3/8&quot; x 2-1/2&quot; SS Bolts</td>
<td>(3) - 3/8&quot; x 2-1/2&quot; SS Bolts</td>
<td>(4) - 1/2&quot; x 3-1/2&quot; SS Bolts</td>
<td>(4) - 1/2&quot; x 4&quot; SS Bolts</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>(6) - 3/8&quot; SS Washers</td>
<td>(6) - 3/8&quot; SS Washers</td>
<td>(8) - 1/2&quot; SS Washers</td>
<td>(8) - 1/2&quot; SS Washers</td>
</tr>
<tr>
<td>F</td>
<td></td>
<td>(3) - 3/8&quot; Brass Nylock Nuts</td>
<td>(3) - 3/8&quot; Brass Nylock Nuts</td>
<td>(4) - 1/2&quot; Brass Nylock Nuts</td>
<td>(4) - 1/2&quot; Brass Nylock Nuts</td>
</tr>
<tr>
<td>G</td>
<td></td>
<td>(4) - 5/16&quot; x 2-1/2&quot; SS Bolts</td>
<td>(4) - 5/16&quot; x 2-1/2&quot; SS Bolts</td>
<td>(4) - 5/16&quot; x 2-1/2&quot; SS Bolts</td>
<td>(4) - 5/16&quot; x 2-1/2&quot; SS Bolts</td>
</tr>
<tr>
<td>H</td>
<td></td>
<td>(8) - 5/16&quot; x 3&quot; SS Bolts</td>
<td>(8) - 5/16&quot; x 3&quot; SS Bolts</td>
<td>(10) - 5/16&quot; x 3&quot; SS Bolts</td>
<td>(10) - 5/16&quot; x 3&quot; SS Bolts</td>
</tr>
<tr>
<td>I</td>
<td></td>
<td>(1) - 5/16&quot; x 2&quot; SS Bolts</td>
<td>(1) - 5/16&quot; x 2&quot; SS Bolts</td>
<td>(1) - 5/16&quot; x 2&quot; SS Bolts</td>
<td>(1) - 5/16&quot; x 2&quot; SS Bolts</td>
</tr>
<tr>
<td>J</td>
<td></td>
<td>(14) - 5/16&quot; Brass Nylock Nuts</td>
<td>(14) - 5/16&quot; Brass Nylock Nuts</td>
<td>(16) - 5/16&quot; Brass Nylock Nuts</td>
<td>(16) - 5/16&quot; Brass Nylock Nuts</td>
</tr>
</tbody>
</table>

**CANOPY BRACE SET IS RECOMMENDED ON ALL CANOPIES 26' AND LONGER.**

**BRACES ON PONTOON LiftS ARE RECOMMENDED FOR CANOPIES 28' OR LONGER.**

**CNPY-BRC**
Brace tubes are 108" long and connect from the top of the lift upright to support the canopy frame.

**CNPY-BRCH**
Brace tubes are 144" long and connect from the bottom to support the canopy frame.

---

**INSTALL AND REMOVE TARP WHILE STANDING IN BOAT.**
CANOPY TARP INSTALLATION INSTRUCTIONS
1. ROLL TARP DOWN CENTER OF FRAME FROM FRONT TO REAR.
2. FOLD TARP OUT TO EACH SIDE OF THE FRAME.
3. PULL TARP DOWN OVER EACH END.
4. POSITION THE TARP EVENLY ON THE FRAME.
5. LOOSEN SET SCREWS ON SLIDING END OF THE FRAME.
6. SLIDE END END OUT, MAKE THE TARP FIT SNUG AND TIGHTEN SET SCREWS.
7. LACE ELASTIC CORD THROUGH D-RINGS. (STRETCH CORD TO ACCOMPLISH THIS.)
8. TIE OFF EACH END OF THE CORD AFTER GOING THROUGH LAST D-RING.
9. USE S-HOOKS TO SECURE ELASTIC TO CANOPY FRAME.
10. PLACE HOOKS BETWEEN EACH BOW ON SIDES AND ON EACH END.

CANOPY TARP CLEANING INSTRUCTIONS
TARP MUST BE REMOVED IN WINTER MONTHS TO PREVENT EXCESSIVE WEAR.
WASH AND/OR SCRUB TARP WITH MILD SOAP AND WATER. ONCE TARP IS COMPLETELY DRY, REMOVE TARP FROM FRAME. FOLD TARP AND STORE IN DRY AREA AWAY FROM POSSIBLITY OF RODENT DAMAGE.

ADDITIONAL TARP INSTALLATION AND CLEANING INSTRUCTION MAY BE ON THE INTERNET
Free-Standing Canopy Frame

- Install the augers on the galvanized pipe. The auger is installed on the end of the pipe that has no holes. Firmly tighten the auger set screw on the pipe.
- Install the galvanized pipes along the dock using the steel rod to turn the pipe into the ground. Space out the pipes to match the length of the canopy frame. Augers should be turned into the ground about 24”.
- Measure the width of the canopy frame for the width to space the other pipes away from the dock. Pipes do not need to be in the exact location, but locating the pipe width location needs to be close. The arms can be moved slightly when installing frame.
- Slide the canopy arms on the pipes. Determine the height of the canopy frame and tighten the set screws. The canopy tarp will extend 9” below the frame.
- Assemble the canopy frame halves and sliding ends. Install all bolts and nuts before tightening. Place the canopy frame on top of the canopy arms. To prevent injury or damage to equipment, make sure you have plenty of assistance with lifting the canopy frame. The canopy arms may need to be slightly moved to get the canopy frame on top of all the arms. Install the bolts to secure the canopy frame to canopy arms. If needed, adjust the height by loosening the set screws in pairs and lower or raise together with another person. Tighten set screws when completed.
- Follow the instructions from page 38 to install the canopy tarp. Placing the boat inside the arms after the canopy frame is installed will allow you to stand under the frame for easier tarp installation. A step ladder will also allow you to reach the canopy frame for tarp installation.
**Lift Accessories**

**Lift Step**
The aluminum diagonal step with skid resistant tape will assist you as you climb from the dock into your boat. Attaches to the side diagonal of a Pier Pleasure vertical boat lift. Adjustable to the height that you desire.

**Bunk Step**
The aluminum bunk step with skid resistant tape will move with the boat to assist you as you step up into your boat. Attaches to the side bunk beam of a Pier Pleasure vertical boat lift. Adjustable to the height that you need.

**Battery Tray**
The aluminum battery tray can be attached to the vertical lift diagonal. This will allow you to have the battery close and convenient to the power unit. Available sizes for Series 24 and Series 27 Deep Cycle Batteries.

**Lift Jack**
The lift jack is a great helping hand when making adjustments to the lift legs or when installing wheels for installation and removal of your boat lift. The lift jack is 6 feet tall.

**Full-Length Walk-Way (AL1264V-HL)**
Filling fuel or installing the watercraft cover is made easier with the full-length walkway. Can be installed on both sides.

**Full-Length Guide-On & Stop (AL1264-HL)**
Makes loading the watercraft easy every time. Guide and stop adjust easily to your watercraft.
- Position the guides a few inches off the watercraft on each side.
- Set the stop length for your watercraft.
- Makes loading the watercraft in the lift easy every time.
Centering Guides

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY.</th>
<th>2400# LIFTS</th>
<th>3000# LIFTS</th>
<th>4000# LIFTS</th>
<th>5000# &amp; 6000# LIFT</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>4</td>
<td>3/8&quot; x 5-1/2&quot; U-Bolt</td>
<td>3/8&quot; x 6-1/2&quot; U-Bolt</td>
<td>3/8&quot; x 7-1/2&quot; U-Bolt</td>
<td>3/8&quot; x 7-1/2&quot; U-Bolt</td>
</tr>
<tr>
<td>C</td>
<td>4</td>
<td>U-Bolt Plate</td>
<td>U-Bolt Plate</td>
<td>U-Bolt Plate</td>
<td>U-Bolt Plate</td>
</tr>
</tbody>
</table>

Double Centering Guides

Double Centering Guides are designed to fit all 3000# - 8000# boat lifts. Sold in pairs. May be installed with short end or long end outside the lift to guide boat into lift without hitting the back lift upright.

WARNING: Double Guide-Ons have an interference fit with Front and Bottom Brace Tubes if installed too wide. Check width of Double Centering Guide-Ons when lift is lowered to prevent damage lift assemblies.
## Motorstop Assembly

<table>
<thead>
<tr>
<th>ITEM</th>
<th>QTY.</th>
<th>AMSV 2400# - 8000# LIFTS</th>
<th>AMS-BB 2400# - 6000# BENT BEAM LIFTS</th>
<th>AMSVP 3000# - 8000# PONTOON LIFTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Motorstop Assembly</td>
<td>Motorstop Assembly</td>
<td>Motorstop Assembly</td>
<td>Pontoon V-Rack Assembly</td>
<td></td>
</tr>
<tr>
<td>2 3/8&quot; x 3&quot; SS Bolt</td>
<td>3/8&quot; x 3&quot; SS Bolt</td>
<td>3/8&quot; x 3&quot; SS Bolt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 3/8&quot; SS Washer</td>
<td>3/8&quot; SS Washer</td>
<td>3/8&quot; SS Washer</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**AMSV**
2400# - 8000# Lifts
Recommended on 7000# & 8000# Boat Lifts

**AMSV-BB**
2400# - 6000# Boat Lifts
Recommended on Bent Beam Lifts

**AMSVP**
Pontoon Lifts
FULL-LENGTH V-BUNK WITH VINYL

SHOWN WITH V-BUNK SET WIDE FOR SHALLOW BOTTOM BOATS

FULL-LENGTH V-BUNK WITH VINYL

SHOWN WITH V-BUNK SET HIGH AND NARROW FOR SKI BOATS.

APPROXIMATELY 32” OUTSIDE TO OUTSIDE OF V-BUNK

LOWER UNIT OF MOTOR STOPPED AGAINST MOTORSTOP TO POSITION BOAT PROPERLY UNDER CANOPY
FULL-LENGTH VINYL GUIDE-ONS

SHOWN WITH FULL-LENGTH VINYL V-BUNKS AND MOTORSTOP

CANOPY BRACE RECOMMENDED FOR CANOPIES 26’ AND LONGER.

BRACES ARE RECOMMENDED FOR PONTOON LIFTS WITH CANOPIES 28’ OR LONGER.

PONTOON LIFT SHOWN WITH PONTOON V-RACK, FULL-LENGTH GUIDE-ONS

VINYL PONTOON V-RACK
PIER PLEASURE BOAT LIFT
LIMITED WARRANTY

During the term of the Limited Warranty on your Pier Pleasure Boat Lift, Pier Pleasure’s obligations and liabilities under this warranty are limited to covering the cost of all parts and labor needed to repair or replace any Pier Pleasure supplied item that proves defective in material, workmanship or factory preparation. These repairs or replacements (parts and labor) will be made by your dealer using new or remanufactured parts for the periods specified for each product as follows:

<table>
<thead>
<tr>
<th>Warranty Type</th>
<th>Warranty Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminum Boat Lift Structure</td>
<td>20 Years</td>
</tr>
<tr>
<td>Aluminum Boat Lift Canopy Frame</td>
<td>20 Years</td>
</tr>
<tr>
<td>5-Year Limited Warranty</td>
<td>5 Years</td>
</tr>
<tr>
<td>5-Year Pro-Rated Limited Warranty</td>
<td>5 Years</td>
</tr>
<tr>
<td>Seamark™ Fabric &amp; Vinyl Canopy Tarp</td>
<td>Pro-Rated</td>
</tr>
<tr>
<td>Pro-Rated Limited Warranty</td>
<td>1st Full Year - Replacement or Repair Cost Credit: 100%</td>
</tr>
<tr>
<td></td>
<td>2nd Full Year - Replacement or Repair Cost Credit: 80%</td>
</tr>
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<td>3rd Full Year - Replacement or Repair Cost Credit: 60%</td>
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<td>4th Full Year - Replacement or Repair Cost Credit: 40%</td>
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<td></td>
<td>5th Full Year - Replacement or Repair Cost Credit: 20%</td>
</tr>
<tr>
<td>2-Year Limited Warranty</td>
<td>2 Years</td>
</tr>
<tr>
<td>Dutton-Lainson Winches</td>
<td>2 Years</td>
</tr>
<tr>
<td>Stainless Cables</td>
<td>2 Years</td>
</tr>
<tr>
<td>Pulley Assemblies</td>
<td>2 Years</td>
</tr>
<tr>
<td>Aluminum Sheaves</td>
<td>2 Years</td>
</tr>
<tr>
<td>Brass Sheaves</td>
<td>2 Years</td>
</tr>
<tr>
<td>Hydraulic System, Cylinder, Pump, Hoses, Fittings, Remote Unit and Remote Fobs</td>
<td>2 Years</td>
</tr>
<tr>
<td>2-Year Boat Lift Accessory Limited Warranty</td>
<td>2 Years</td>
</tr>
<tr>
<td>All Boat Lift Accessories</td>
<td>2 Years</td>
</tr>
</tbody>
</table>

Commencement of Warranty
The Pier Pleasure Limited Warranty will commence the date the original owner takes delivery of a new Pier Pleasure Boat Lift.

Warranty not Transferable or Assignable:
This Pier Pleasure Limited Warranty shall extend only to the original owner of our product and is not transferable or assignable. The “original owner” is defined as the first legal owner of a Pier Pleasure Boat Lift other than an authorized distributor or dealer who has bought the boat lift from Pier Pleasure for resale to the public.

What your Pier Pleasure Limited Warranty Does Not Cover: Your Pier Pleasure Limited Warranty does not cover the costs of repairing damage caused by environmental factors or Acts of God.
“Environmental factors” include, but are not limited to, such things as airborne fallout, chemicals, tree sap, salt, brackish water, galvanic corrosion, electrolysis and water hazards. “Acts of God” include, but are not limited to, such things as rainstorms, hailstorms, windstorms, tornadoes, lightning, floods and earthquakes.

Your Pier Pleasure Limited Warranty does not cover ice damage. Do not leave any Pier Pleasure product in or near the water during winter months. Leaving any Pier Pleasure product in freezing water in all situations is not recommended. ANY LIABILITY FOR DEFECTS OR DAMAGES CAUSED BY LEAVING PRODUCT IN FREEZING WATER WILL NOT BE COVERED UNDER THIS WARRANTY.

Your Pier Pleasure Limited Warranty does not cover the costs of repairing damage caused by poor or improper maintenance. The Pier Pleasure Limited Warranty does not cover the costs of normal or scheduled maintenance of your aluminum Pier Pleasure Boat Lift.

Your Pier Pleasure Limited Warranty does not cover the costs of repairing damage or conditions caused by fire or accident; by exceeding load ratings; by abuse or negligence; by misuse; by improper installation or removal; by tampering with parts; by improper adjustment or alteration; or by any changes made to your Pier Pleasure Boat Lift that do not comply with Pier Pleasure specifications.

The Pier Pleasure Limited Warranty does not cover commercial use applications of any Pier Pleasure product.
Boat Lift Modification or Alteration:
Unauthorized modifications or alterations of, or use of components other than genuine Pier Pleasure components, on any Pier Please products are not recommended. ANY LIABILITY FOR DEFECTS OR DAMAGES CAUSED BY SUCH UNAUTHORIZED MODIFICATIONS OR ALTERATIONS OF, OR USE OF COMPONENTS OTHER THAN GENUINE PIER PLEASURE COMPONENTS, WILL NOT BE COVERED UNDER THIS WARRANTY.

Production Changes:
Pier Pleasure and its distributors and dealers reserve the right to make changes in Pier Pleasure boat lifts built and or sold by them at any time without incurring any obligation to make the same or similar changes on boat lifts previously built and or sold by them, including with regard to any warranty repairs or replacements and this Pier Pleasure Limited Warranty does not cover the cost of adding anything to any Pier Pleasure product once it is delivered to the original owner.

Disclaimers:
THE LIMITED WARRANTY SET FORTH HEREIN IS IN LIEU OF ALL OTHER WARRANTIES AND LIABILITIES WHETHER IN CONTRACT OR IN TORT, NEGLIGENCE, EXPRESSED OR IMPLIED, IN LAW OR IN FACT, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR USE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

TO THE MAXIMUM EXTENT PERMITTED BY LAW, PIER PLEASURE SHALL NOT BE LIABLE FOR ANY COSTS, LOSS, EXPENSE, DAMAGES, SPECIAL DAMAGES, INCIDENTAL DAMAGES OR CONSEQUENTIAL DAMAGES ARISING DIRECTLY OR INDIRECTLY FROM THE INSTALLATION, USE, MISUSE, OR INABILITY TO USE THIS PRODUCT. THIS EXCLUSION APPLIES REGARDLESS OF WHETHER SUCH DAMAGES ARE SOUGHT BASED ON BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT, OR ANY OTHER LEGAL THEORY. 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 PARTICULAR PRODUCT AT ISSUE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

How to Get Warranty Service for Your Lift
Please contact the dealer from whom you bought the boat lift for warranty service. When contacting your dealer, please provide them with your date of purchase and the nature of the problem. If contact with the dealer is not feasible, please contact Pier Pleasure for further assistance.

Pier Pleasure reserves the right to have dealers conduct any necessary warranty service. Dealers and Pier Pleasure, at their sole discretion, reserve the right to have defective parts returned for inspection as part of the warranty claim process. Pier Pleasure does not cover the cost of returning parts.

Thank you for the investment you have made in this Pier Pleasure product. This document contains Pier Pleasure, Inc.’s Limited Warranty. It should be kept in a safe place and presented to your dealer if any warranty service is needed.

Manufactured by:
Pier Pleasure, Inc.
1270 N River Drive
Mankato, MN  56001
Phone 800.658.7010
www.pierpleasure.com  January - 2018

All visual representations, dimensions, and specifications contained in this manual are based on the latest product information available at time of publication approval. The right is reserved to make changes in material, equipment, design, and specifications.

Register your Pier Pleasure purchase at www.pierpleasure.com/warranty
All visual representations, dimensions, and specifications contained in this manual are based on the latest product information available at time of publication approval. The right is reserved to make changes in material, equipment, design, and specifications.

Dock layouts shown in this manual may not meet local and state codes in your area.

Pier Pleasure's warranty does not cover wind, storm, or ice damage. Do not leave any Pier Pleasure product in the water during winter months. Any liability for damages caused by leaving product in freezing water will not be covered under warranty.