

NOTE

Install all nuts and bolts loosely until the lift is fully assembled, then tighten all nuts and bolts properly.

Do not overtighten the nuts and bolts on your lift.

Doing so may cause the lift to fail. When tightening against a tube, tighten until the aluminum just dimples. If you crush the tube, it may crack and fail under normal use.

1. mainframe setup

Mainframes [right and left] W' legs attached	2
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Setup the mainframes.

2. mainframe spreader

Mainframe spreader	1
Bolt package step 2	1

Bolt the mainframe spreader tube between the mainframes using:

- 4 - 3/8" x 2 1/2" hex bolts
- 4 - 3/8" flat washers
- 4 - 3/8" nylon lock nuts

3. install H-units

H-units	2
Bolt package step 3	1

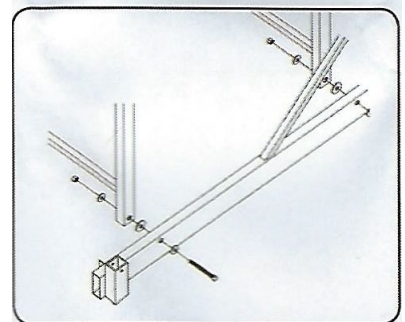
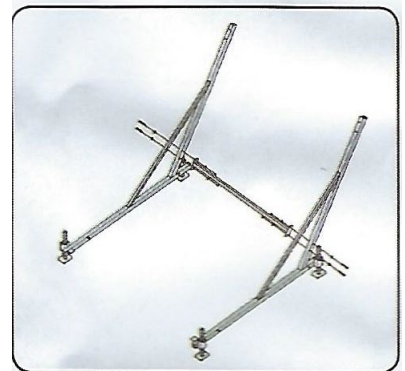
Place the 2 H-units inside the mainframes and attach using:

- 4 - 1/2" x 4 1/2" hex bolts
- 12 - 1/2" flat washers
- 4 - 1/2" nylon lock nuts

Place a washer under the head of each bolt, under the nut, and between

tools needed

Adjustable wrenches	2
Or	
1/2 wrenches	2
9/16 wrenches	2
3/4 wrenches	2
7/16 wrench [for winch]	1



the H-unit and the mainframe. The bolts must be loose enough to allow the H-units to pivot.

Step 4:

Bolt 2" x 3" angle pieces to tops of hinges. Use ½" x 4" bolts with washers and lock nuts. **VIEW "6"** between angle & H Frame. Place flat washers outside flange & angle.

CAUTION: 3/8" hole in top of angle is back from front of lift approximately 4". **DO NOT TIGHTEN**

Step 5:

Bolt upper crossmembers (2" x 3" x 51 ¼" pcs.) as shown in **VIEWS "6" and "7"**.

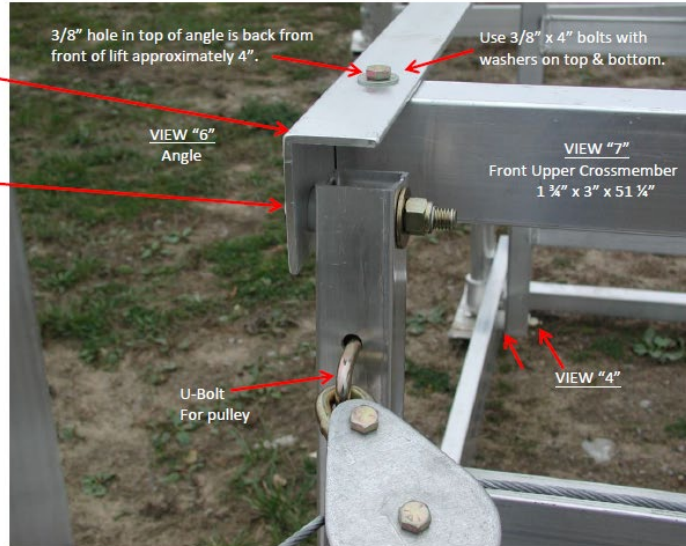
Use 3/8" x 4" bolts with flat washers on top & bottom.

DO NOT TIGHTEN

Step 6:

Tighten bolts in the following order:

1. Lower Crossmembers
2. H Frames , top & bottom: Tighten to point of turning freely.
3. Upper Crossmembers



5. install winch

Winch 1200#	1
Blue wheel 25"	1
Bolt package step 5	1

Install the winch on the desired side of the lift using:

- 2 - 3/8" x 4 hex bolts
- 4 - 3/8" flat washers
- 2 - 3/8" nylon lock nut

6. install wheel

CAREFULLY thread the 25" Blue wheel onto the winch shaft. The wheel should be able to thread on and off the shaft easily. This is the action that activates the brake mechanism.

Turn the wheel clockwise and you should hear a clicking sound, this means the brake is working. This raises the lift and keeps it raised

wherever you stop.

Turn the wheel counter clockwise and the brake is released allowing the lift to lower.

To keep the wheel from coming off the shaft fasten using:

- 1 - winch spring
- 1 - ½" jam lock nut

Tighten the nut just until 1 or 2 threads if the shaft are visible while preventing the winch shaft from turning.

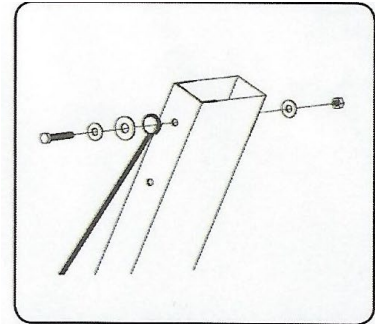
7. string cable

Cable 3/16" x 252"	1
Bolt package step 7	1

Attach the loop end of the cable to the mainframe opposite the winch using:

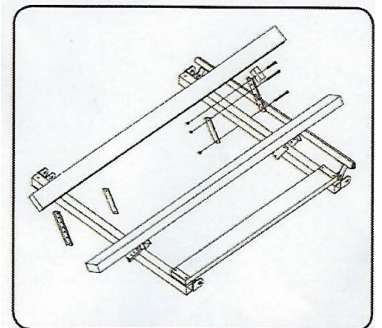
- 1 - 3/8" x 4 hex bolt
- 2 - 3/8" flat washers
- 1 - ½" flat washer
- 1 - 3/8" nylon lock nut

String the cable inside the pulley bar as shown in the exploded view (page 6). Secure it to the winch following the instructions included with the winch.



NOTE

When winch is mounted on starboard side (right side), cable should be strung over the top of the crank shaft.



NOTE

Never over crank the winch. Once the lift has reached its highest point, further cranking will damage the lift.

8. bunks

Vinyl wrapped aluminum bunks	2
Bunk adjustment channels	4
Bunk backer plates	4
Bolt package step 8	1

Attach the vinyl wrapped aluminum bunks to the front and rear cradles using:

- 4 - 5/16" x 1 hex bolts
- 8 - 5/16" x 2-1/2" hex bolts
- 12 - 5/16" lock nuts

For most uses bunks should be placed approximately 18" apart. Make sure the bunk adjustment channels are on the outside of the lift as shown.

9. final adjustments

Plastisol cap 1 ½" x 3"	2
Plastisol cap 1 ½" x 2"	4

Now tighten all nuts and bolts, except the ones from Step 3 and 4 that must be free to allow the H-units to pivot.

Install the 6 plastisol caps, 2 at the top of the mainframe and 4 on the legs.

Move your lift into the water and adjust its legs so that the lift is level.

The legs can be removed to lower the lift if the water is very shallow.

adjust the bunk height just enough so your craft's bottom will not hit the cradle.

The installation is now complete.

Hints

- A. Place your lift in the deepest water you can, your lift will operate most easily at the top of its lifting range.
- B. Deep V hulls may be accommodated by moving the front of the bunks closer together and leaving the back farther apart to provide stability.
- C. In deep water? If you have a deep lake and are in need of longer legs, Liftco, Inc. offers 4-foot-long legs for your PWC Lift. Ask your dealer for details or call us.
- D. Greasing the cable where it wraps around the winch drum will increase cable life.

Important

- A. Grease the winch shaft annually. The red wheel must be able to thread and unthread easily in order for the breaking mechanism to work properly.
- B. Your PWC lift will only protect your personal watercraft if the craft is lifted well above the level of the water. In larger lakes or during storms, large waves may lift the craft from the lift or tip the lift over, causing damage both to the craft and the lift. You must take precautions to protect your craft and lift from these conditions. If your craft suffers damage from high waves, Liftco, inc. will not accept responsibility for such damage.
- C. Inspect your lift often for signs of wear or improper operation. Be aware of normal cranking force. Any increase in cranking force is a sign that something is wrong. DO NOT USE the lift if any parts are worn or damaged, replace immediately.
- D. Pay attention to the condition of your cable. A frayed or rusted cable can lead to failure of the lift. Replace it immediately. Greasing the cable, especially where it enters the winch, can extend its life.
- E. A second caution decal is provided in the accessories box. If after assembly the decal is not easily seen then install the extra decal so that anyone using the lift can read it. NEVER let anyone operate the lift unless they are familiar with all safety rules.
- F. NEVER let anyone play on, around, or under the lift.