



Assembly Instructions for Walks-on-Water PWC Lift



Shoreline Solutions
Affordable Aluminum Boat Docks and Lifts

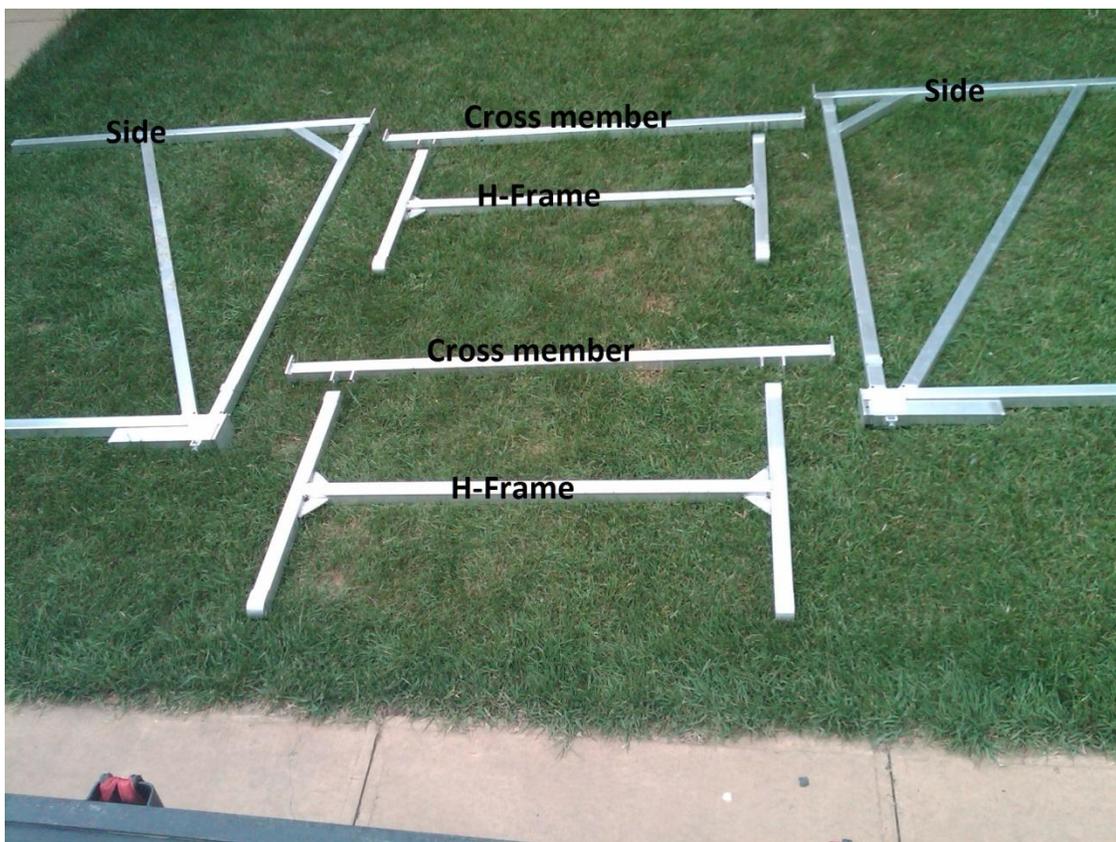
306-550-1118 Regina
www.shorelinesolutions.ca

ASSEMBLY INSTRUCTIONS FOR WoW PWC LIFT

1. In large open area, lay out frame parts for assembly (2 sides, 2 cross members, 2 H-frames - as pictured below).

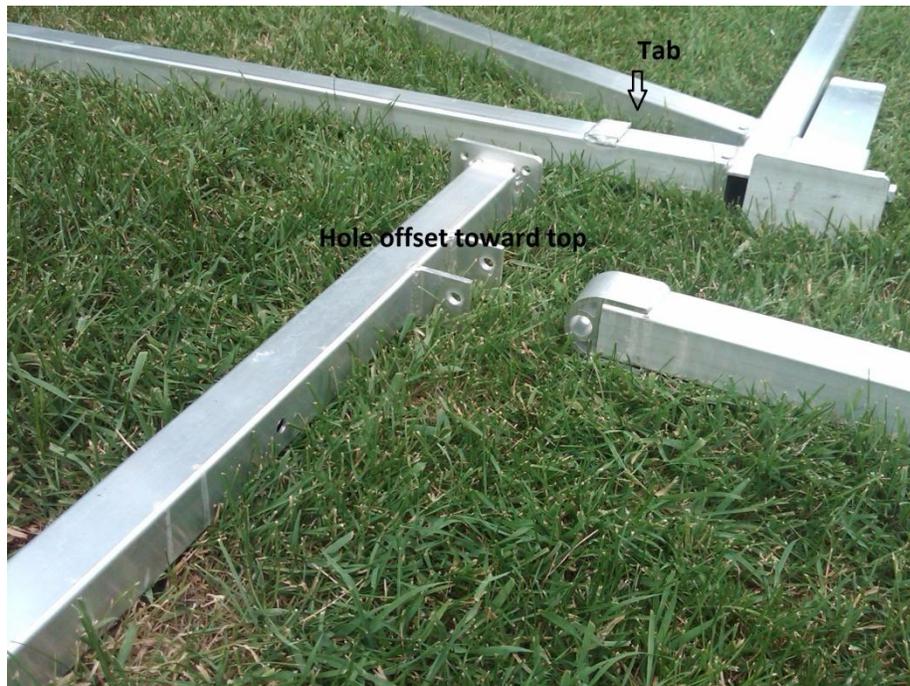
Note that sides have small tabs welded on inside of bottom extrusion at front and back. These should be facing up when the sides are laid out.

Note also that the tabs on the crossmembers should be facing toward the back of the lift (bottom of picture), and that the holes drilled through the tabs should be offset toward the top.



Parts laid out as if looking at lift from rear (lake end).

2. Attach cross members to sides of lift using square U-bolts, washers, and nuts. Cross members should be positioned against the flat (non-welded) side of tabs at front and back of sides.



3. Square up sides with bottom of lift and mount two diagonal cross braces (angled aluminum pieces with holes on either end). The top of the cross brace mounts to a hole in the angled part of the sides. The bottom mounts to a hole in the bottom cross member. Tightening these nuts and bolts will put a small bend in the top of the cross brace, where it attaches to the side. This is by design. REFER TO PICTURES ON BACK PAGE.
4. When outer frame is assembled (both cross members are attached to sides of lift), attach H-frames to cross members bolts, washers, nuts, and nylon bushings. The nylon bushings go through the holes in the cross members, then the bolt with a washer on it, then another washer, then nut..

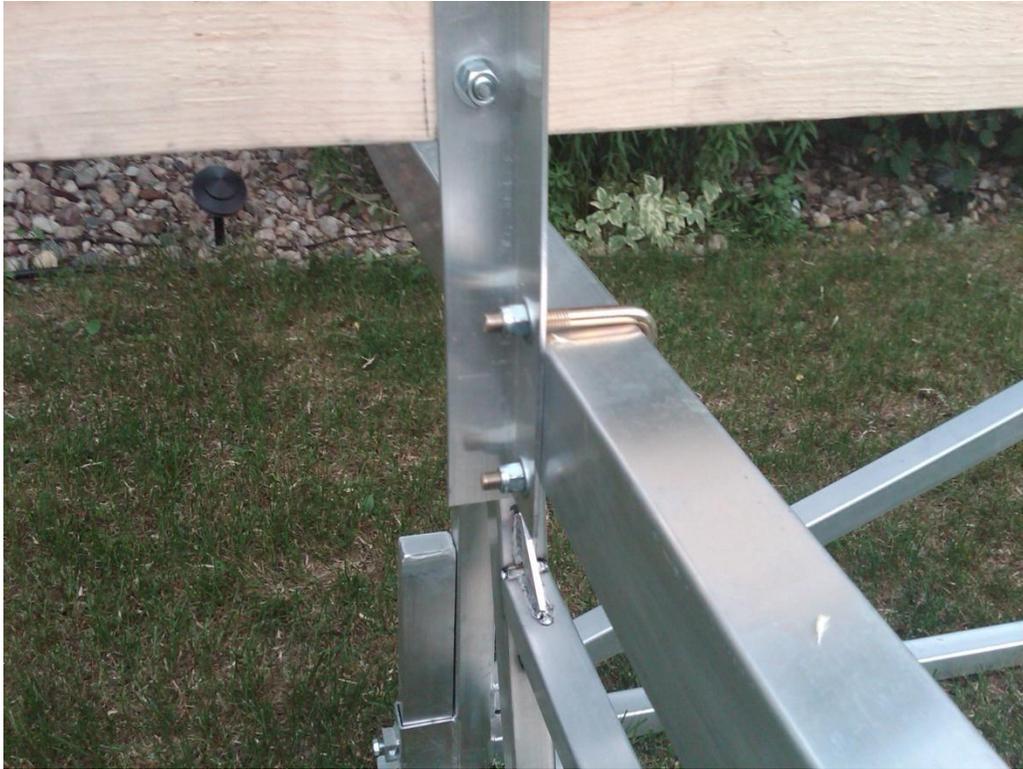
Note: Do not over tighten bolts when attaching H-frames. They should just be snug. Over tightening will bend the tabs on the cross members and weaken them.



5. Attach top of A-Frames to carriage (large rectangular piece) following the same procedure as in step 3 above.



6. Attach bunks to carriage using rectangular U-bolts, washers, and nuts.



7. Attach winch to back side of front upright on lift with two bolts, 4 washers, and two nuts. Winch can be mounted on either side of lift.



8. Attach service wheel to winch.

(a) Put a very small amount of grease on the threads on the inside of the hub of the service wheel. You don't need much - just enough to lubricate it slightly. Too much grease will end up on the brake pad on the winch and interfere with the winch's ability to brake.

(b) Wind service wheel on to winch spindle until just snug.

(c) In a small bag in the parts kit you will find a small bolt, a spacer, a spring, a fender washer and a lock washer. Put lock washer on bolt, then fender washer, then spacer, and then spring. Use this assembly to fasten wheel to winch.

Important: Do not over tighten the service wheel on the winch spindle. The service wheel engages the brake on the winch by tightening up against it as you wind the wheel clockwise. It releases the brake by loosening off a quarter turn or so when winding the wheel counter-clockwise. The service wheel has to move a bit on the spindle.

SORRY - NO, DECENT PICTURES OF THIS YET.

9. Attach cable to winch using instructions that come with winch.

10. Attach single pulley to back of winch-side uprights using U-bolt, washers, and nuts.



11. Mount the other U-bolt on the upright on the non-winch side. The end of the cable will be tired off here.



12. Mount two pulleys on front of carriage using chain links. You will need to take the bottom bolt out of the pulleys and reassemble them on the link to do this.



13. Thread cable down from winch, through pulley below winch, and then through both pulleys on front of carriage and back up to U-bolt on opposite upright where it is tied off with two cable clamps.



14. Mount knob on service wheel using stainless bolt and washers in small bag. The cover locks into place by hitting it gently with a hammer (it expands into a groove when hit).

15. YOU'RE DONE! ENJOY YOUR LIFT.

