American Dock Mfg. Inc. 4032 US Highway 2 Florence WI. 54121



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> 3045 PTA Narrow Pontoon Lift



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Warning: Donot over tighten Bolts , this may cause the nuts to lock up. Donot tighten any bolts until making finnal adjustments Durring assembly finger tighten bolts, do not tighten any bolts until the lift is completely assembled

Note: each number refers to a picture number thru-out these instructions, Example: number 1. refers to picture 1. Cut the packaging & sort the boat lift items, stack simular items together

 stand up the side pannel (there is a left & right side pannel) the pulley's are located twards the outside of the lift as seen in (Detail A). Bolt item C crossover to the side pannel as shown using 1ea. 3/8 x 3" cap screw and nut
repeat step 1. on the other crossover (the bolt thru the welded on ear will be in stalled later in the assembly)



- 3,4,5&6. Locate and assemble the lift legs and leg brackets using 3/8 x 2 1/2" cap screws and nuts.
- 7. Bolt on 1 pair of the #5 leg Brackets on the shore end of the lift, using 3/8 x 3" cap screws and nuts (note the shore end leg brackets are bolted on using the drilled holes in the bottom rail of the side pannel aprox. 4ft from the shore end of the lift.
- 8. Bolt on 1 pair of the #6 leg brackets, using 3/8 x 3" cap screws run the bolts thru the leg bracket, the side pannel and the D crossover
- 9. There are 4 rear rails that are identical, install 2 each using 3/8 x 3" cap screws as shown in picture 7&9 (Refer's to picture 7, the right side rear rail is not shown for picture clarity) mount the second item C crossover to the water end of the rear rails as (shown in picture 7) 3/8 x 3" CS (do not install a bolt in the welded on ear of crossover)



Note: each number refers to a picture number thru-out these instructions, Example: number 1. refers to picture 1. 10. there are six flat straps and six 1 1/2"x 2"tubes, bolt two straps together in the middle to form a "X" with

- one 3/8"x1"cap screw and nut. Bolt the X to two 1 1/2"x 2" tubes using 4ea. 3/8"x 3 cap screws (finger tighten only) 11. mount one end of the X to the shore end C crossover, use two 3/8" X 5" caps screw and nut with nylon locknuts.
- 12. mount one X in the center of the lift, the hole is located just in front of welded on strut of the side pannel 16 (1-3/8" washer must be installed at this location (as shown) the washer is located between the X and the side pannel. use a 3/8 x 4 1/2 cap crew at this location.
- 13. mount the third X at the water end of the lift using two 3/8"x 5"cap screws and nylon locknuts
- 14. locate the top frame rails, they have upright angles welded to one end, there are left and right long rails, the pullies are located near the outside of the lift as shown.
- 15. Bolt the top frame front rails to the rear rails using the splice plates with 3/8 x 3" cap screws and nuts
- 16. Bolt the top frame rails to the shore end X using 3/8"x 4 1/2 cap screws, washers and nylon locknuts (same as in picture 12) bolt the top frame rail rear the water end X using 3/8" x 4 1/2" cap screws washers and nylon locknuts (use washers as shown picture 12)



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3045PTA



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17&18. Locate the Winch tube, bolt it as shown using 3/8 x 6 1/2 cap screws,

the Winch is factory installed to go on the (looking from the water end) right side of the lift. If the Winch is required to go on the left for the installation, remove the bolts from the winch, rotate the winch 180 degree and bolt the winch on the tube as shown in Picture 18 (Detail A&B Cables will now be on opposite sides).

19,20&21. The cables are pre strung thru the winch tube pullies, the Long Cable is shown Yellow (Detail A), the short Cable is shown Blue (Detail B) String the cables as shown, down to the side pannel pulley, from the Bottom up thru the Top Frame rail pulley, the end of the Cables wrap around the round tube located at each side pannel pulley shown (Detail A) & (Detail B) picture 20. Install two cable clamps on each cable. Install the Operators Wheel by threading it on the winch as shown in the enclosed yellow winch instruction sheet turn the wheel clockwise and spool the excess cable on to the winch drum, it is normal to have several turns of cable on the winch drum before the top frame starts to raise. you may need to make a final adjustment of the cables at the cable ends so both sides the top frame will rise at the same time. Note tighten all "X" hinge Bolts that have the Nylon locknuts snug and then Back them Off 1/2 a turn, tighten all remaing bolts. (Do not over tighten the bolts to the point that the tube deflects

