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1,300 LB PWC-XL Boat Lift



Bolt List

8pcs – ½ x 4-1/2 Zinc

10 pcs – 3/8 x 2 ½ Hex HD Zinc

6 pcs – 3/8 x 3 Hex head Zinc

2 pcs – 3/8 x 4.5 Zinc

14 pcs – 3/8 Finished Hex Nut

8 pcs – 3/8 Nylon Insert Lock Nut Zinc

8pcs – ½ Hex nylon insert lock nut Zinc

20 pcs – 3/8 Flat Washer Zinc

24 pcs – ½ Flat Washer Zinc

14 pcs – 3/8 Split Lockwasher Zinc

2 pcs – 3/8 x 4 U-Bolt 3" Wide Zinc

Keep all bolts loose at first.

At the end use tools to tighten all nuts and bolts.

Step 1

Bolt on PWC mud pads to the leveling legs using (1) $\frac{3}{8}$ x 2 $\frac{1}{2}$ bolt with (1) $\frac{3}{8}$ Hex Nut. With the Adjustable holes facing opposing side of where the bolts connected.

Do this for all 4 legs and insert into side frame.



Step 2

Take the back cross beam and bolt it to the bottom side frame, using $\frac{3}{8}$ x 4-1/2 bolts, washer and hex nut.

Connect it to the other side frame using the same bolts.



Step 3

Grab the H Brace. Bottom side of the H Brace has a welded bushing on it. (See photo)

Bolt the bottom of the H Brace to the side frame using $\frac{1}{2}$ x 4 $\frac{1}{2}$ bolts.

Make sure you put a washer on the bolt head side, in between the side frame and bushing and the H Brace and Nylon nut.

Do this for both sides.

Repeat bolts, washers and nuts on the other H Brace.



Step 4

Take the top rack and lay it on top of the H Braces.

Using the same bolts on the bottom side of the H Brace, bolt them to the Rack and top side of the rack.



Step 5

Assembling the winch

Before you install the cable to the winch, string the pulleys on to the winch cable first. The 2 – 4 link pulleys first and then the 2 link pulley. Then continue with the assembly of the winch.

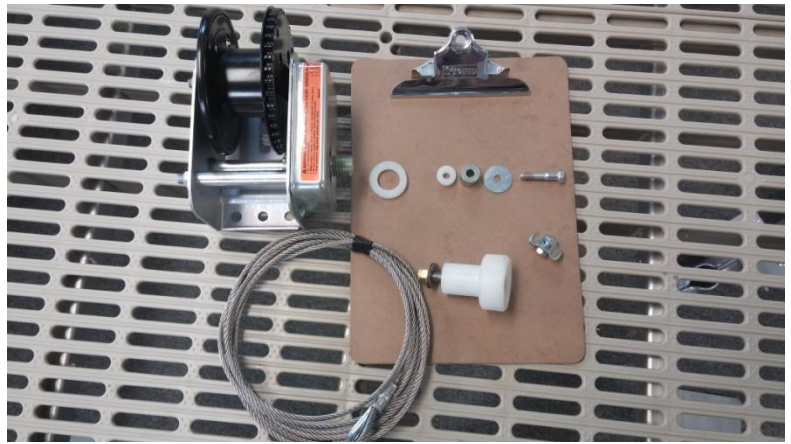
Take the winch bag kit. Take out the “M” Clip with the bolt and nut. Thread the taped end of the cable through the bigger of the two holes. Going from inside the drum to outside. Pull plenty of slack out.

Adding the “M” clip.

On the smaller hole, insert the bolt from within the drum with the bottom side of the bolt through first. So the head of the bolt is on the inside of the drum.

Now add the “M” clip to the bolt with the nut. You will only be able to put the nut on about 3 or 4 threads for now.

See pictures on what direction to thread the cable under the “M” clip.



Step 6

Install the winch on the upright post.

Make sure the drum is on the top side so the cable guides are on the bottom.

Run the cable that's already attached between the cable guides.

Bolt on the winch with (2) 2 ½ x 3/8 bolts with washers and nuts.

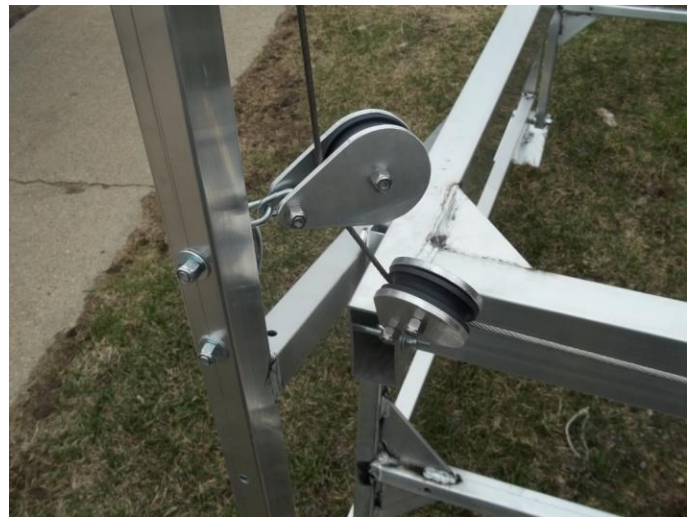


Step 7

Assembling the pulleys to the lift/rack

Make sure the pulleys have the nut side facing down.

Take the (1) 2 link pulley. Thread the U Bolt in the 2 link pulley. Put the U bolt on the upright post below the winch. Put on the washer and nut on the u bolt to secure the pulley on the U bolt.



Take the (2) 4 link pulleys, one for each side of the rack. Using a 3/8 x 3 bolt thread the bolt through the rack while having the first link of the chain in the inside of the rack.

***NOTE:** There needs to be a little play between the nut and rack for the washer, so it can spin freely.

Using the last 3" U-bolt thread that on the looped end of the cable. Attach it as you did on the first U-bolt.



Step 8

Assembling the 7' carpeted wood bunks.

Each bunk will take 4 plates, 2 cubes and bolts.

Measure about 8" from the end for your hole placement to attach the bolt through the wood into the cube.



See photo for general bunk placement

