

PORTA-DOCK, INC.

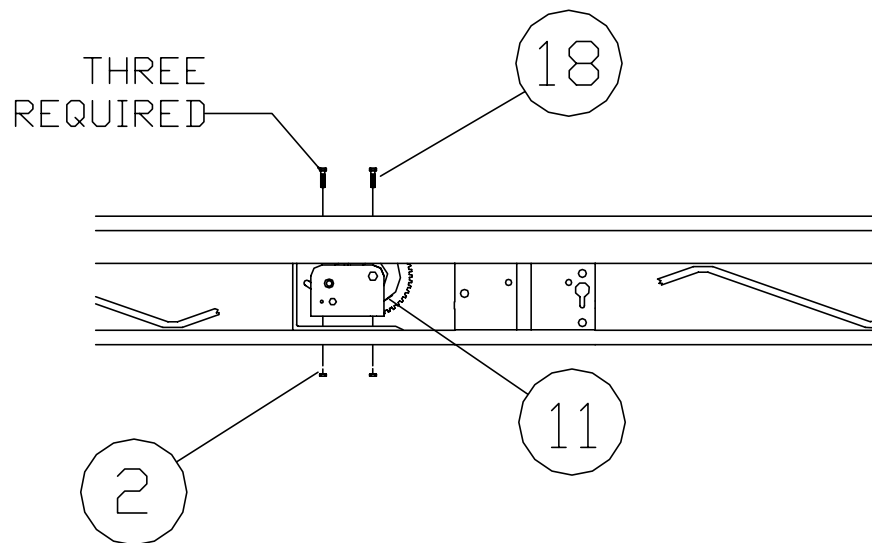
AD01- DS 4'x 16'SW-AA - AP01- DS 4'x 16'SW-APD AW01- DS 4'X 16'SW-CPD ALUMINUM PORTA-DOCK

For Beige Decking Add the Letter B to the Model

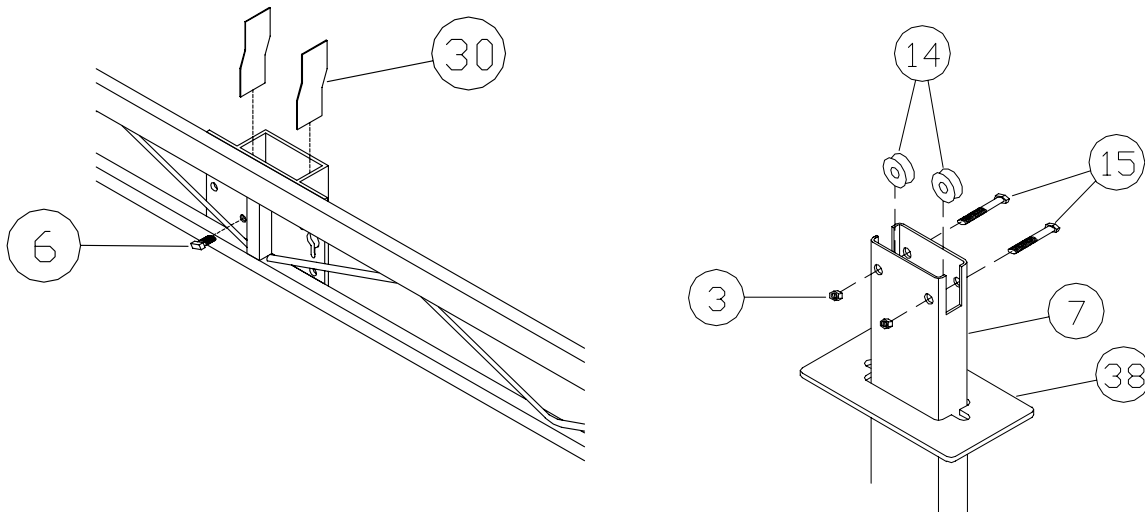
Thank you for purchasing our product.

***Please read these instructions and follow them step by step.**

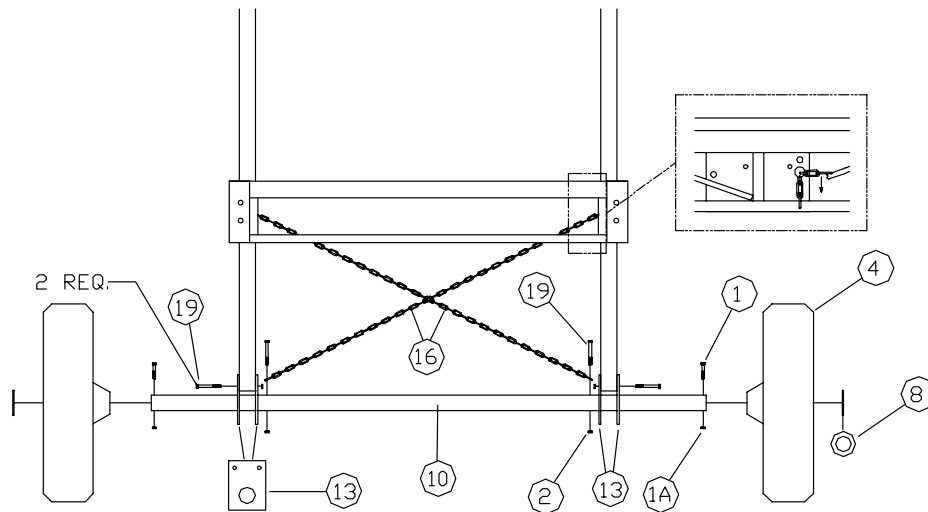
Step 1. Block dock up about 16" (about 2' behind winch pockets) then bolt on winch (**REF. # 11**) to the plate with the winch handle shaft to the outside using 3/8"x 1" bolts and nuts (**REF. # 18 & 2**).



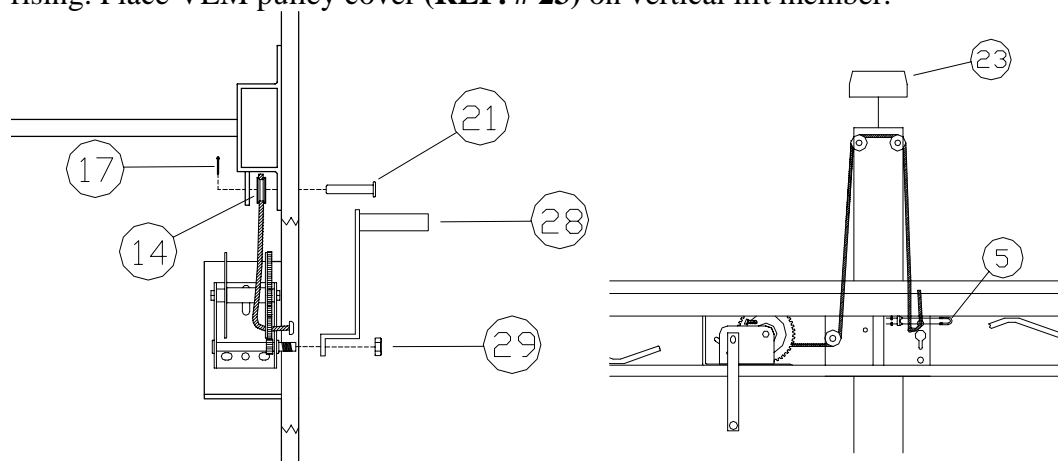
Step 2. Apply the four nylon wear strips (**REF. # 30**) to the inside narrow ends of the pockets. Pockets should be clean and dry and above 50 degrees. Slide a VLM cover plate (**REF. #38**) onto each vertical lift member. Attach dock pulleys (**REF. # 14**) with 1/2"x 2 1/2" bolts and nuts (**REF. # 15 & 3**) to top of vertical lift members (**REF. # 7**). Insert vertical lift members into pockets on each side of dock. Screw the set screws (**REF. # 6**) into the face of the pockets. Leave both set screws loose at this time.



Step 3. Attach the chains (**REF. # 16**) to the two farthest inside holes of the axle (**REF. # 10**) with 3/8" x 3" bolt and nut (**REF. # 19 & 2**). Next, slide on the vertical lift member brackets (**REF. # 13**) onto axle, then wheels (**REF. # 4**) with the hub to the inside, then 3" washers (**Ref. No. 8**). Place a 1/4" X 2 1/2" bolt (**REF. # 1**) in the holes in the ends of the axle, screw on 1/4" acorn nuts (**REF. # 1A**). Roll axle under dock, keeping axle centered with dock. Bolt lift member brackets (**REF. # 13**) to vertical lift members (**REF. # 7**) with 3/8" x 3" bolts and nuts (**REF. # 19 & 2**) so there is a bracket on each side of the lifting member. Bring end of chain up to the opposite side of dock through the keyhole located on the right side of pocket and lock in position by sliding the chain link down the keyhole slot.



Step 4. Attach winch handles (**REF. # 28**) with winch nut (**REF. # 29**). Attach lower dock pulleys (**REF. # 14**) to the winch side of the dock pockets with 1/2" x 2 3/4" pin (**REF. # 21**) between pocket and ear tab. Starting winch cable (**REF. # 12**) from the outside of the winch, pass cable through the hole on the side of the drum with the gears. Run cable through lower pulley (**REF. # 14**), then up to pulleys (**REF. # 14**) on vertical lift members, and down to hole in side bracket. Fasten with cable clamp (**REF. # 5**). Work winches until cables are raising dock. You must alternate winches as the dock moves up or down and you must have slack in the chain when rising. Place VLM pulley cover (**REF. # 23**) on vertical lift member.



Your dock is now ready to move into the water and be adjusted to the desirable height. When the dock is at desired height, chains should be tight. If the chains are not tight, lower dock 3 to 4 inches and tighten chains. Raise the dock back to the desired height, and re-check chains for tightness.

Always loosen set screws and chains before changing dock height. You must alternate winches as the dock moves up or down. When moving dock into and from lake, lower dock to lowest level possible. Screw in set screw until snug against inside leg. Tighten 1 1/2 to 2 turns more. Check set screw after a couple of uses and retighten if necessary.

AD01- DS SW-AA / AP01- DS SW-APD
AW01- DS SW-CPD ALUMINUM PORTA-DOCK

REF. #	PART NO.	DESCRIPTION	APD	CPD	AA
1	5153	1/4"X 2 1/2" BOLT	2	2	2
1A	5041	1/4" ACORN NUT	2	2	2
2	5056	3/8" NUT	12	12	12
3	5058	1/2" NUT	4	4	4
4	4002	TIRE PLASTIC MOLDED	2	2	2
5	5003	3/16" CABLE CLAMP	2	2	2
6	5170	1/2" X 3/4" SET SCREW	2	2	2
7	30084	VERTICAL LIFT MEMBER	2	2	2
8	5077	WASHER 3"	2	2	2
10	30080	AXLE SW	1	1	1
11	3005	WINCH DL1100	2	2	2
12	3050	CABLE 3/16" X 15'	2	2	2
13	30088	LIFT MEMBER BRACKET	4	4	4
14	3300	PULLEY SHEAVE 1 1/2"	6	6	6
15	5120	1/2" X 2 1/2" BOLT	4	4	4
16	3071	CHAIN 3/16" X 7"	2	2	2
17	5025	1/8" X 1" COTTER PIN	2	2	2
18	5081	3/8" X 1" BOLT	6	6	6
19	5084	3/8" X 3" BOLT	6	6	6
21	5008	1/2" X 2 3/4" PIN	2	2	2
23	3804	VLM PULLEY COVER	2	2	2
28	3008	DL WINCH HANDLE	2	2	2
29	5066	DL WINCH NUT	2	2	2
30	4112	8 1/2" VLM WEAR PAD	4	4	4
38	3850	VLM COVER PLATE APD WHITE	2	-	-
	3851	VLM COVER PLATE APD BEIGE	2	-	-
	3852	VLM COVER PLATE CPD BROWN	-	2	-

FRAMES

<u>PART#</u>	<u>DESCRIPTION</u>	<u>APD</u>	<u>CPD</u>	<u>AA</u>
M60	FRAME APD/CPD 4'X 16' WHEEL END	1	1	-
M20	FRAME AA 4'X 16' WHEEL END	-	-	1

PANELS

<u>PART#</u>	<u>DESCRIPTION</u>	<u>APD</u>	<u>CPD</u>	<u>AA</u>
B87 (B)	ALUM PANEL 4'X 4' SW CUTOUT	2	-	-
B50	CEDAR PANEL 4'X 4' SW CUTOUT	-	2	-
B86 (B)	ALUM PANEL 4'X 4' STRAIGHT	2	-	-
B53	CEDAR PANEL 4'X 4' STRAIGHT	-	2	-