

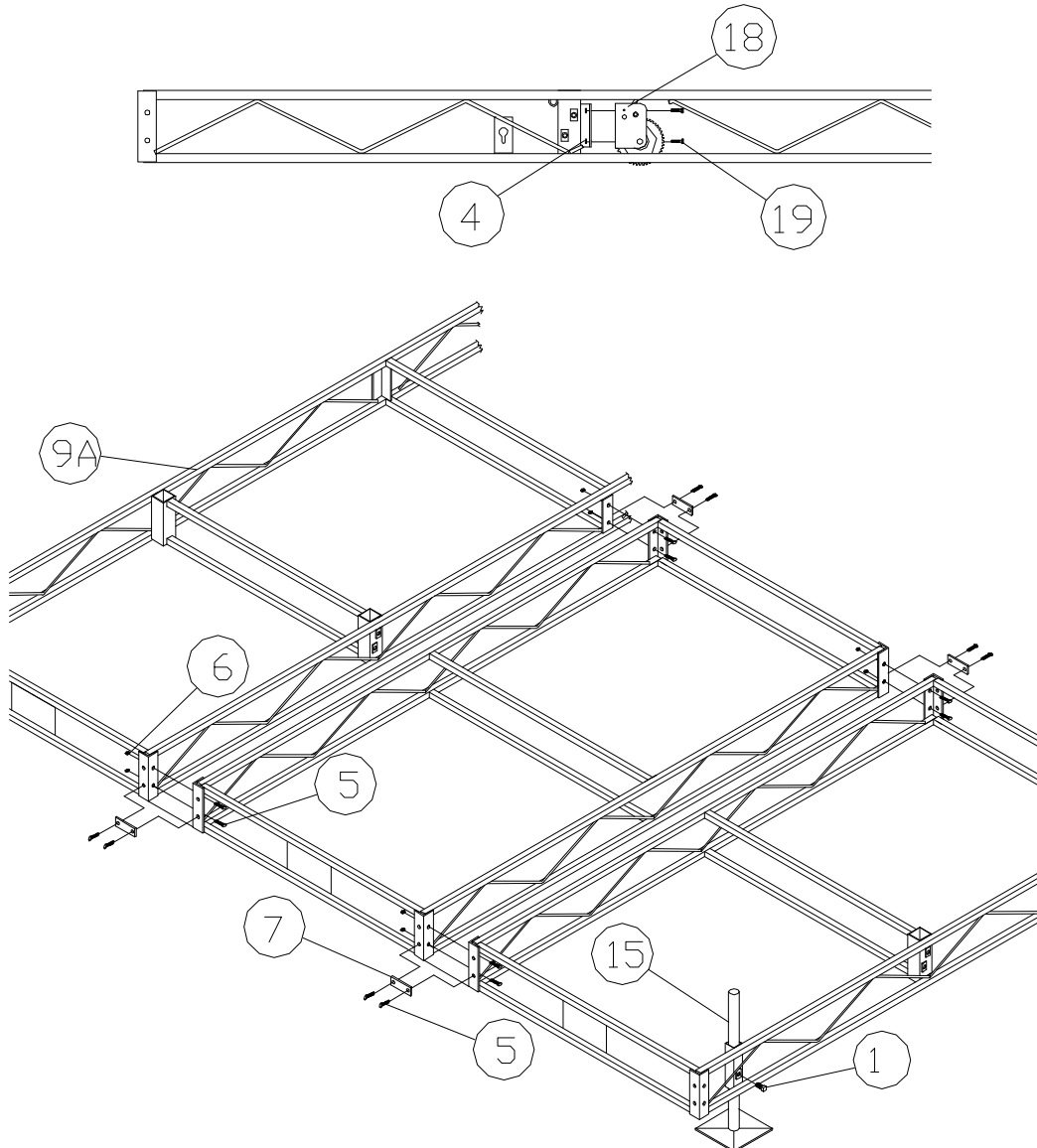
PORTA-DOCK, INC.

S48-L12-SC AND G48-L12-GC STEEL PORTA-DOCK

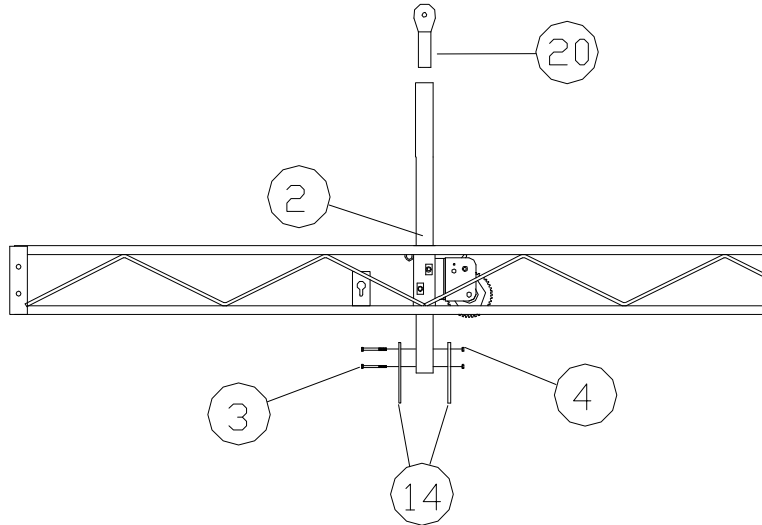
Thank you for purchasing our product!

Please read these instructions and follow them step by step.

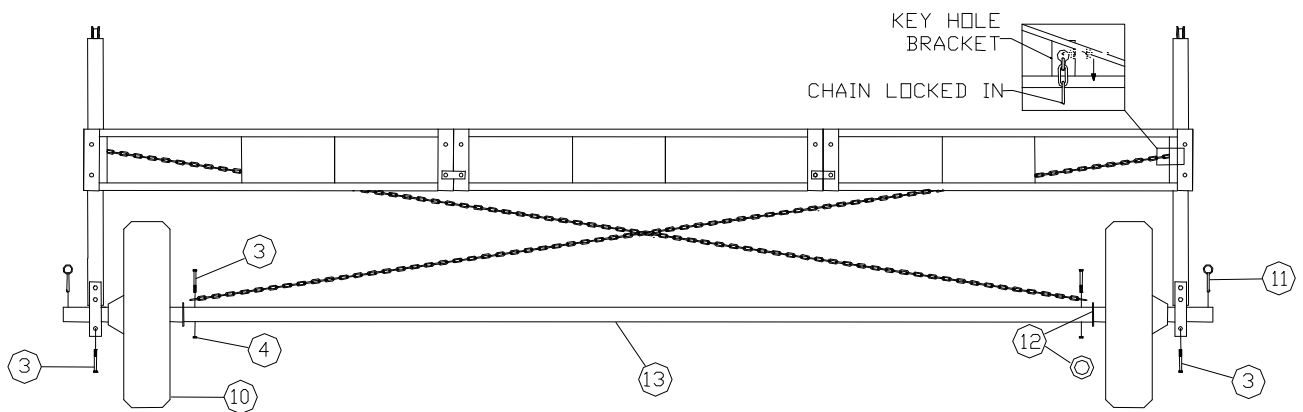
Step 1. Decide if you want your L12 dock to the right or left. Turn the 16' wheel end section (**REF. # 9A**) so that the outside side of the frame is up. Bolt the winch (**REF. # 18**) with the drum of the winch down to the angle on the VLM pocket tube with 3/8" X 1" bolts and nuts (**REF. # 19 & 4**) Bolt a winch to the 8' L section with the three pockets (**REF. # 8**) in the same manner. Also at this time, slide in two support posts (**REF. # 15**) into the two corner pockets. Set sections down. Bolt the 8' section with no pockets (**REF. # 17**) to the desired side of the 16' wheel end section using 1/2" X 1" bolts and nuts (**REF. # 5 & 6**). Bolt dock connector brackets (**REF. # 7**) to the lower side holes of the dock angle with 1/2" X 1" bolts. Bolt the other 8' section with the winch and posts to the side of the 8' section in the same manner. Place two 2' blocks approximately 2' behind winches underneath both the 8' and 16' sections.



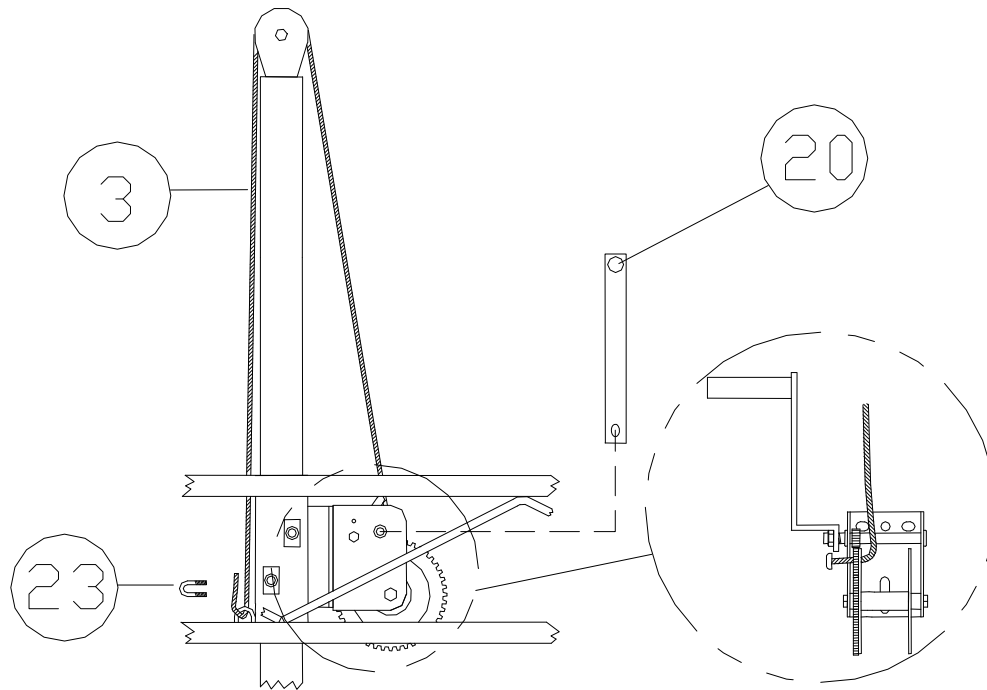
Step 2. Set dock pulleys (**REF. # 20**) into the undrilled ends of the vertical lift member (**REF. # 2**). Drop vertical lift members into pockets on the 8' and 16' sections. Screw the set screws (**REF. # 1**) into the face of each pocket. Leave loose. Bolt the two lift member brackets (**REF. # 14**) to each side of each vertical lift member using 3/8" X 3" bolts and nuts (**REF. # 3 & 4**). Leave nuts loose at this time.



Step 3. Attach the chains (**Ref. # 21**) to the inside holes of the axle (**Ref. # 13**) with 3/8" x 3" bolts and nuts (**Ref. #3 & 4**). On each end of axle, slide on a 3" spacing washer (**Ref. #12**) then the dock wheel (**Ref. # 10**) so that the protruding hub is to the outside. Slide the tire all the way up to the chain bolts. Place a 1/4" x 2 1/2" pin (**Ref. # 11**) into each end hole of the axle. Roll axle under dock, keeping axle centered with dock. Lower vertical lift members onto top of axle. Fasten in place with third 3/8" X 3" bolt (**REF. # 3**) Through lift member brackets. Tighten all three bolts on each one. Run the ends of the chain up to the opposite side of dock through the keyhole bracket located next to the vertical lift member pocket. Lock in position by sliding the chain link down the keyhole slot.



Step 4. Starting winch cable (**REF. # 22**) from the outside of the winch, pass cable through the hole on the side of the drum opposite of the gears. Run cable up through the deck, over the top of the pulley in vertical lift member, down to the welded loop on the side of the pocket opposite of winch. Fasten with cable clamp (**REF. # 23**). Attach winch handles (**REF. # 24**) with nuts (**REF. # 25**). Loosen set screws and work winches until cables are raising dock. **You must** alternate winches as the dock moves up or down.



Step 5. Before moving your dock into the water, make sure that the chains are not wrapped around the axle, and then pull the slack out of the chains by hooking them into the keyhole bracket. Roll your dock into position, and loosen the set screws on the VLM pocket. Adjust the dock to the desired height making sure that there is enough slack in the chains to accommodate the height you will be adjusting to. Once the desired height is reached, pull both the chains tight and then lower one side of the dock so the next link can be hooked into the keyhole slot and raise the dock back up to complete the tightening of the chain. Repeat on the other side. When finished with this, there should be no visible slack left in the chains, and they should be tight enough that you can't move them. Tighten the set screws in the VLM pocket.

The cross chains are to help control the side-to-side stability of the end of the dock and need to be tight. Once set they only need to be adjusted if the height of the dock is changed.

WARNING: before raising the dock it is necessary to loosen both of the chains and the set screws, or serious damage to the dock may occur. When tightening the set screws, they should be tightened until they are snug against inside leg, and then tightened 1 1/2 to 2 turns more. Check the set screws after a couple of uses and retighten if necessary.

When moving dock into and from lake, lower dock to lowest level possible.

S48-L12-SC AND G48-L12-GC STEEL PORTA-DOCK

REF. #	PART #	DESCRIPTION	SC	GC
1	5170	1/2" X 3/4" SET SCREW	6	6
2	10002	VERTICAL LIFT MEMBER	2	2
3	5084	3/8" X 3" BOLT	10	10
4	5056	3/8" NUT	14	14
5	5123	1/2" X 1" BOLT	16	16
6	5058	1/2" NUT	16	16
7	10000	DOCK CONNECTOR BRACKET	4	4
10	4002	TIRE PLASTIC MOLDED	2	2
11	5245	1/4" X 2 1/2" PIN	2	2
12	5077	WASHER 3"	2	2
13	30082	L12 AXLE FOR APD/CPD/ST/GALV	1	1
14	10003	LIFT MEMBER BRACKET	4	4
15	C63	1 1/4" STEEL DOCK POST 8'	2	2
16	3808	STEEL DOCK POST CAP 1 1/4"	2	2
18	3009	DL 900 WINCH	2	2
19	5081	3/8" X 1" BOLT	4	4
20	T69	STEEL DOCK PULLEY	2	2
21	3070	CHAIN 3/16" X 13'	2	2
22	3050	CABLE 3/16" X 15'	2	2
23	5003	3/16" CABLE CLAMP	2	2
24	3008	WINCH HANDLE	2	2
25	5066	1/2" WINCH NUT	2	2

FRAMES

9A	T01	16'PAINTED ST. WHEEL END	1	-
9A	H01	16'GALVANIZED WHEEL END	-	1
17	T03	8'PAINTED ST. CENTER SECTION	1	-
17	H03	8'GALVANIZED CENTER SECTION	-	1
8	T05	8'PAINTED ST.L-SECTION	1	-
8	H05	8'GALVANIZED L-SECTION	-	1

PANELS

B57	4'X12'L12 CEDAR LEFT PANEL	1	1
B59	4'X12'L12 CEDAR RIGHT PANEL	1	1
B53	4'X4' CEDAR STRAIGHT PANEL	2	2



Wheel dock height adjustment instructions

Before moving your dock into the water, make sure that the chains are not wrapped around the axle, and then pull the slack out of the chains by hooking them into the keyhole bracket. Roll your dock into position, and loosen the set screws on the VLM pocket. Adjust the dock to the desired height making sure that there is enough slack in the chains to accommodate the height you will be adjusting to. Once the desired height is reached, pull both the chains tight and then lower one side of the dock so the next link can be hooked into the keyhole slot and raise the dock back up to complete the tightening of the chain. Repeat on the other side. When finished with this, there should be no visible slack left in the chains, and they should be tight enough that you can't move them. Tighten the set screws in the VLM pocket.

The cross chains are to help control the side-to-side stability of the end of the dock and need to be tight. Once set they only need to be adjusted if the height of the dock is changed.

WARNING: before raising the dock it is necessary to loosen both of the chains and the set screws, or serious damage to the dock may occur. When tightening the set screws, they should be tightened until they are snug against inside leg, and then tightened 1 1/2 to 2 turns more. Check the set screws after a couple of uses and retighten if necessary.

When moving dock into and from lake, lower dock to lowest level possible.

Porta-Dock, Inc.