

PWC SIDE MOUNT LIFT ASSEMBLY INSTRUCTIONS

Advance Information Required

The lift attaches in 2-locations on one side, requires 90" to mount the dock brackets. The lift requires 8.5' to operate, but the most common watercraft is usually longer so the watercraft will dictate the amount of space required to operate the lift.

Layout / Preparation

Layout drawing for lift to be assemble, and pull parts from material list on drawing. Inspect parts and tank for any damage that might of occurred during shipment.

- Position tank with hose nipple facing forward and on the upside (exhaust hole is on the underside and at the rear of the lift).
- Position and attach tank bands and insert 1" PVC elbow on polyethylene tank per figure 2. (Tank bands require a #20 hardware bag.)
- Secure tank by blocking it against the floor to keep it from moving around while assembling the lift.
- Dock Brackets: Install all thread, dock bracket clips and nuts. See figure #1.
- Roller Wheel Assembly: (Requires a #19 and #25 hardware bag and 12-extra ½" nuts.) Each wheel requires in order as follows 1- ½" x 3" H.H., 1- ½" F.W., through wheel, 1- ½" F.W., 1- ½" nut, through angle, 1- ½" L.W., 1- ½" nut, run inside nut up bolt, but not tight against wheel, wheel should turn freely on bolt, then hold inside nut stationary, and tighten outside nut, wheel should be free. (Attach per drawing on L-mounts.)

STEP 1 L-Mount Attachment

1. Attach 20" angle's to tank brackets, making sure that the angle's are facing the correct direction per drawing. (On the side mount model the center tank bracket is not used.) (Requires a #3 hardware bag.) Tighten these bolts.
2. Attach L-mounts to 20" angles per drawing. The L-mounts can be adjusted in or out per width of watercraft. (Requires a #3 hardware bag.)
3. Attach the 85" L-mount brace angle on the lower portion of the L-mounts per drawing. (Requires a #3 hardware bag.) Then attach chain to center hole in angle. (Requires a #17 hardware bag, 3/8" x 1 ½" H.H.)

STEP 2 Riser / Bunk Attachment

1. Attach riser angle's per drawing. (Requires a #3 hardware bag.) 24" between risers is a good standard setting on most personal watercraft.
2. Attach bunks with tabs outward, per drawing. (Requires a #29 hardware bag.) (Bushing should be inserted per drawing to keep bunk from flipping over.) Tighten all bolts.

STEP 3 Dock Mount Tube Assembly

1. Attach 81" upper dock mount brace angle loosely. (Requires a #8 hardware bag.) By pulling bottom leg's in, position in to wheel tract. Attach 85" stop angle to bottom of tubes per drawing. (Requires a #19 hardware bag.)
2. Attach 85" walkboard angles to L-mounts per drawing. (Requires a #8 hardware bag.) Tighten all bolts not previously tighten.

STEP 4 Walkboard Attachment

1. 3- walkboards are supplied: Attach 1- between dock mount tubes against angle brace, 1- on L-mounts (dock side between angles) and 1- on L-mounts outside. (It is recommended to drill $\frac{7}{16}$ " holes when mounting the walkboards.) (Requires #36 hardware bag.) when mounting the walkboards.) (Requires #36 hardware bag.)

STEP 5 Hose Installation

1. The lift is supplied with 15' hose, attach 1- end to tank nipple, plug other end.

STEP 6 Preparation for Trailering

1. Cover exhaust hole on underside of tank with an exhaust plug and secure tightly with a chain boomer.
2. Secure dock mount tubes to L-mount wheel tract (with rope) so that they will not roll up or down.
3. Tie a piece of foam (2' x 1' x 8') to dock side of lift with rope. This will allow you to tow lift right side up. Attach tow straps to the front of the lift.
4. Lift is now ready to be loaded on trailer and transported to launch ramp along with the following:
 - Control Unit
 - Dock Brackets (R) and (L)
 - Remainder of parts box

PW SIDE MOUNT INSTALLATION INSTRUCTIONS

STEP 1 Dock Bracket Installation

1. Determine where the center of the watercraft will be located on the dock, measure 45" each direction, this is where the extreme outside edges of the dock brackets will be located. (Check both dock bracket locations for any obstructions, columns, brace legs, etc. that might interfere with mounting of brackets.)
2. Remove or cut banding board as required and attach the dock brackets to dock substructure as reflected in figure ?. Leave brackets semi loose for final lift attachment.

STEP 2 Lift Attachment

1. Remove foam from lift and move into position, attach top legs to top hole in dock brackets, then the bottom leg. (Requires a #3 hardware bag.)
2. Secure dock brackets to dock structure with appropriate fasteners. Make sure the all thread on brackets are tight.
3. Attach chain to dock substructure in the center area of the lift.

STEP 3 Control Unit

1. Remove unit cover and secure unit to the dock where preferred, keeping hose connection and a power outlet in mind.
2. Cut a desired length of hose, about 18", and connect to red-handled exhaust valve, and let hang over dock.
3. Connect tank hose to black-handled valve on control unit.
4. Remove tank exhaust plug.

STEP 4 Testing and Operating Lift

1. Open both valve handles, and allow lift to submerge, close red valve handle (exhaust).
2. Position watercraft on lift centered front to back on lift. Raise lift per instructions in lid of control unit.
3. Record serial number for warranty purpose, record proper information in hand book, and leave for customer.
4. Always make sure watercraft is tied to dock before leaving.