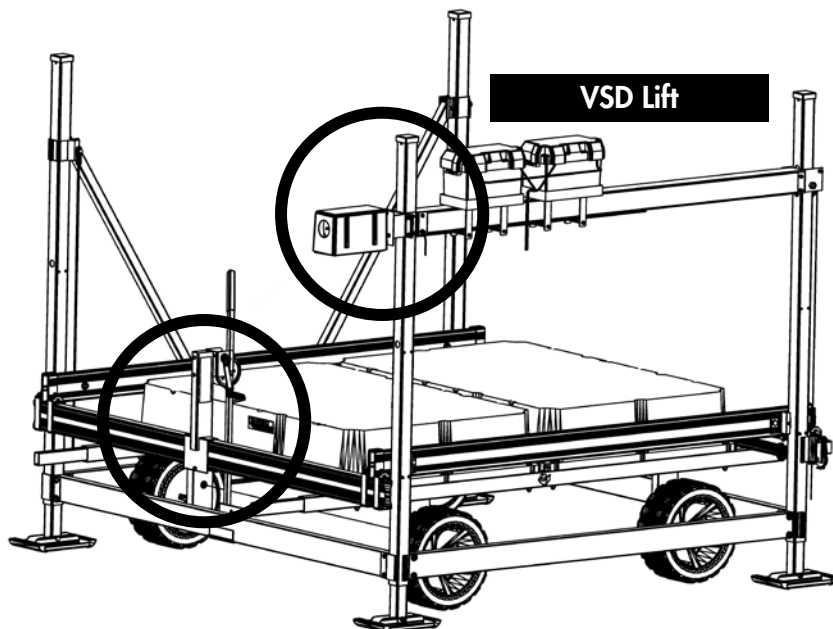


FLOAT & ROLL™
P/N 511-04520-01
INSTALLATION INSTRUCTIONS
FOR FLOE VERTICAL & VSD BOAT LIFTS



Manufactured by:
FLOE INTERNATIONAL, INC.
48473 State Hwy. 65
McGregor, MN 55760
www.floeintl.com



! WARNING !

Before using your Float & Roll™ system you must remove the canopy fabric from your lift if your lift is equipped with such. This prevents problems that can occur if wind is present. (The canopy frame can remain attached)

! WARNING !

NEVER ATTEMPT TO RAISE THE LIFT PLATFORM WHILE THE TRANSPORTER'S WINCH IS INSTALLED!! DOING SO MAY CAUSE SEVERE LIFT DAMAGE, PERSONAL INJURY, OR DEATH.

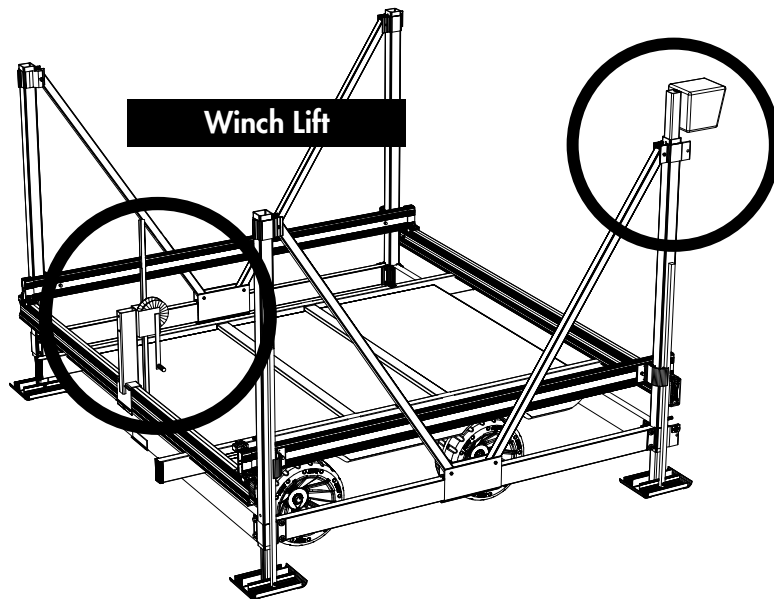
! WARNING !

Failure to use the Float & Roll™ properly can cause serious damage to your lift and/or float and roll. Improper use can also cause great bodily harm. ALWAYS use your float and roll properly for each lift model.

! WARNING !

YOU MUST ENSURE THAT THE HOOK IS PROPERLY POSITIONED, TIGHT TO THE BEAM, BEFORE TIGHTENING THE WINCH CABLE.

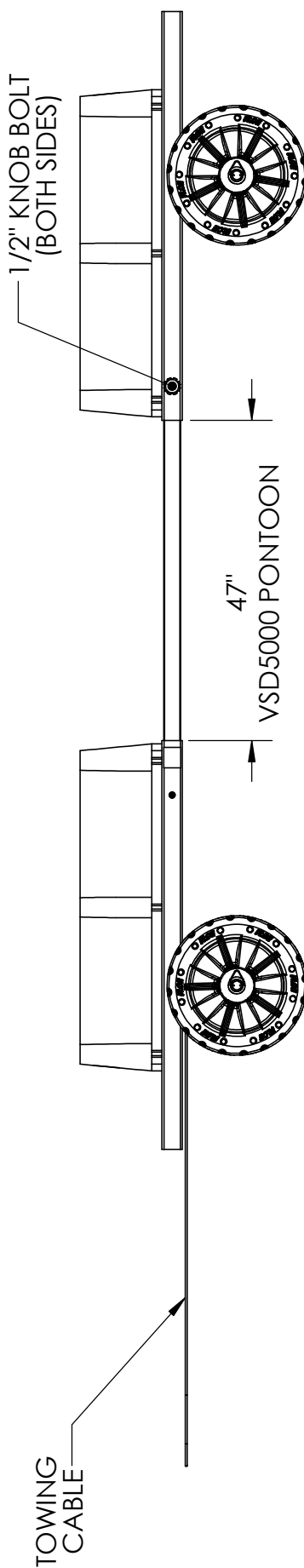
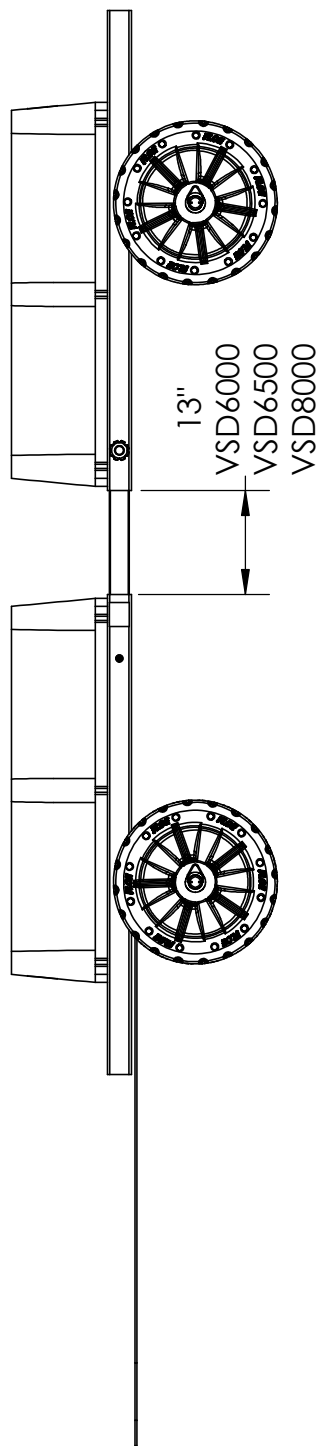
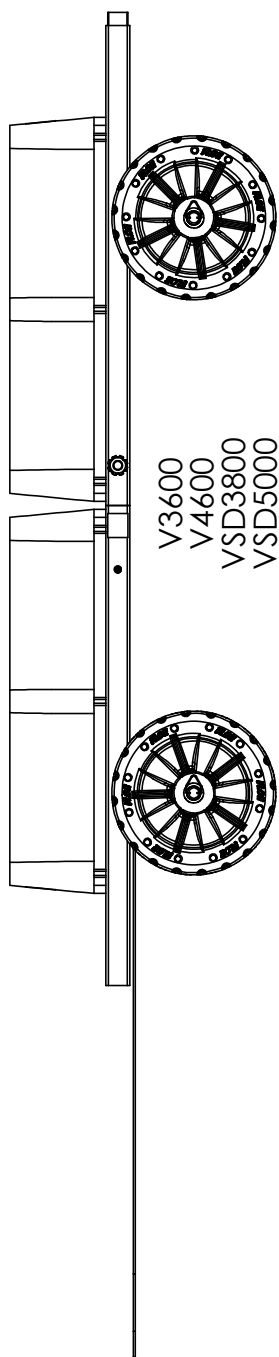
Crank the winch clockwise until the lower frame beam is pulled up to sandwich the transporter's aluminum frame rail between the lift system's upper and lower beams. Doing this will cause the lift to be raised onto the wheels of the transporter, as long as the leveling legs are in their retracted position



! IMPORTANT !

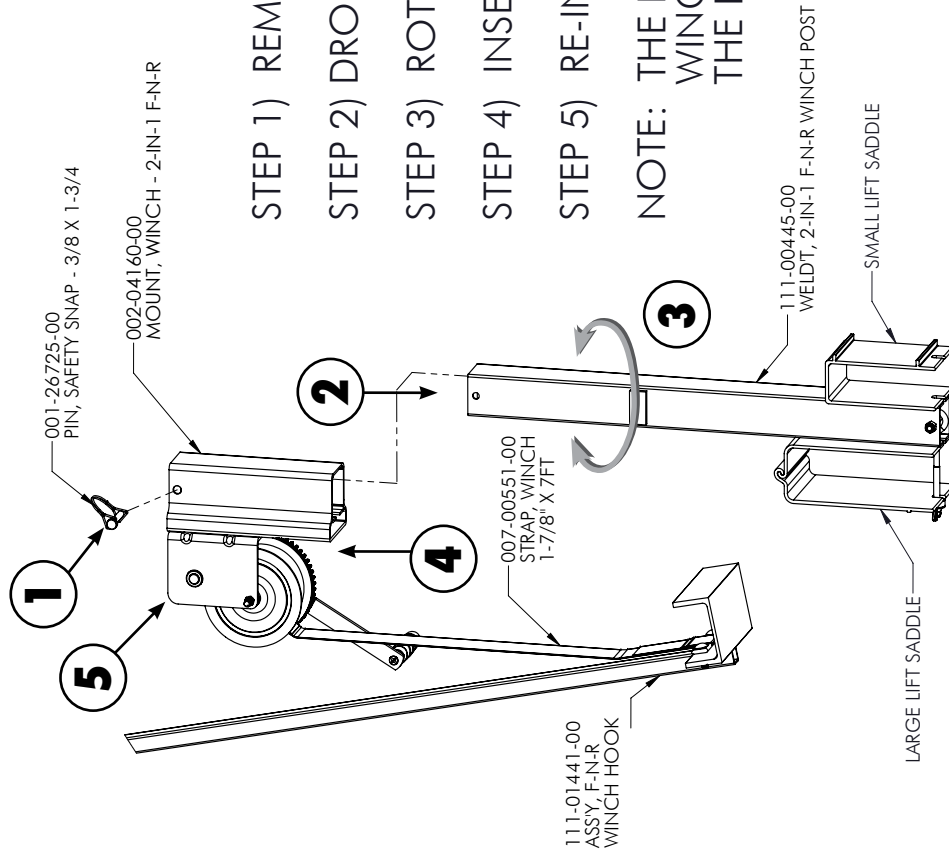
Improper placement of the transporter winch in relation to the lift's lifting cable will cause the float and roll to not work properly.

INSTRUCTION P/N: 611-04500-02
ISSUE DATE: 2/16
REV: 7/29/21



TO ADJUST THE LENGTH OF THE FLOAT & ROLL, LOOSEN THE (2) 1/2" KNOB BOLTS LOCATED ON THE SIDE FRAME UNDER THE SIDE OF THE FLOAT AND SLIDE THE ADJUSTABLE END OUT TO THE PRESCRIBED DISTANCE FOR THE LIFT BEING TRANSPORTED. (SEE ABOVE FOR DIMENSION DETAILS) FOR LARGE LIFTS WHERE MORE FLotation IS DESIRED, UP TO (4) ADDITIONAL AIR TIGHT WHEELS (010-6002-00), WASHERS (010-00020-00) AND STAINLESS STEEL SPINDLE CLIPS (001-26728-00 MAY BE ADDED. IF LAKE BOTTOM IS SOLID, YOU MAY ELECT TO USE 4 DRILLED WHEELS INSTEAD OF AIRTIGHT. IN MUCKY CONDITIONS, USE AIRTIGHT FOR MORE FLotation.

WARNING!! DO NOT EXTEND PAST 48", FAILURE TO TAKE APPROPRIATE ACTION COULD RESULT IN MECHANICAL FAILURE, PRODUCT DAMAGE AND/OR CAUSE SERIOUS INJURY OR POTENTIAL DEATH.



- STEP 1) REMOVE SNAP PIN HOLDING WINCH MOUNT TO WINCH POST
- STEP 2) DROP WINCH POST OUT OF WINCH MOUNT
- STEP 3) ROTATE WINCH POST 180 DEGREES FOR ALTERNATE USE
- STEP 4) INSERT WINCH POST BACK INTO WINCH MOUNT
- STEP 5) RE-INSTALL SNAP PIN TO HOLD ASSEMBLY TOGETHER

NOTE: THE DESIRED SADDLE SHOULD BE ON THE WINCH SIDE OF THE WINCH POST. THE EYEBOLT MUST CLAMP THE BOTTOM OF THE DESIRED SADDLE AROUND THE CRADLE BEAM OF THE LIFT.

CONFIGURING WINCH FOR USE ON SMALL VS LARGE LIFTS.

USE SMALL LIFT WINCH POST SADDLE ON:

V3600
V4600
VSD3800
VSD5000
VSD5000 PONTON

USE LARGE LIFT WINCH POST SADDLE ON:

VSD6000
VSD6500
VSD8000

IF FLOATING A VSD6000 - VSD8000, USE 8 TIRES FOR A MORE STABLE FLOATATION.

STEP 1 - - - - -

Position the floating transporter at the entrance of your FLOE lift system as pictured in Fig. 1. Face transporter so that the attached tow cable is in the direction in which the lift will be pulled.

Note: If your lift is on a trailer and being installed for the first time, have the lift positioned so that you can back your trailer into the water and roll your lift off until it floats.

Actual floats on Float & Roll™ may vary from what is pictured.

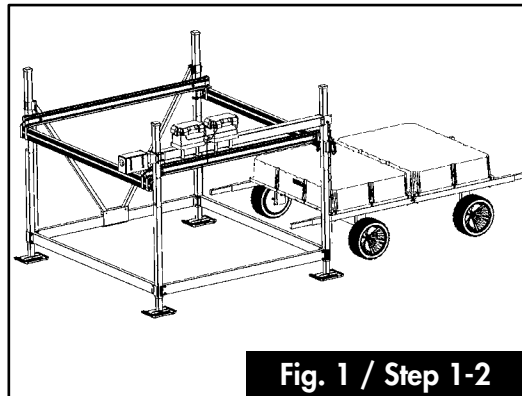


Fig. 1 / Step 1-2

STEP 2 - - - - -

Raise the lift bed to its maximum height, and position the transporter within the lift (Fig. 2). Typically, the side of your lift that has either a winch, hydraulic system, or a VSD motor is heavier.

TO COMPENSATE: If you have a lift with a winch, simply slide the Float & Roll Transporter off-center approximately 6" towards the heavy side. If you have a hydraulic or VSD lift, position the transporter tight to the heavy side. Doing this will keep the lift close to level while you float it into position.

Note #1: The Float & Roll is supplied with four airtight wheels to maximize buoyancy. Where the additional buoyancy is not needed the floatation wheels can be drilled to adjust buoyancy to compensate for canopy and or battery and motor weight so the lift may float in a more level position. For larger lifts or difficult terrain 4 additional wheels may be added (eight total). These additional wheels may be airtight wheels or drilled wheels as needed to adjust floatation.

Note #2: If you have a hydraulic lift and need additional bed height to fit the floating transporter between the top and bottom beams, either manually lift the bed up higher, or use the transporter's winch system to raise it higher (Fig. 4). With its handle facing outward, attach the winch transporter's clamp to the hydraulic assembly's topmost beam and its hook to the cradle lift platform beam. You may also need to do this when removing the transport system once the lift is installed.

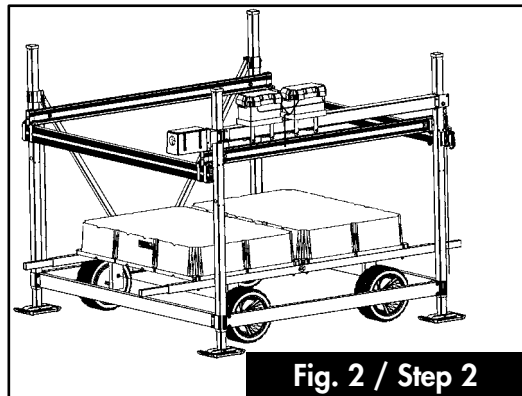


Fig. 2 / Step 2

STEP 3 - - - - -

Lower the lifting bed down onto the aluminum framework of the transporter unit. (Step 3/Fig. 3).

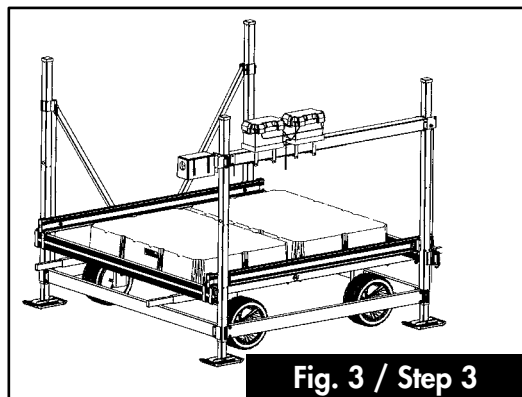


Fig. 3 / Step 3

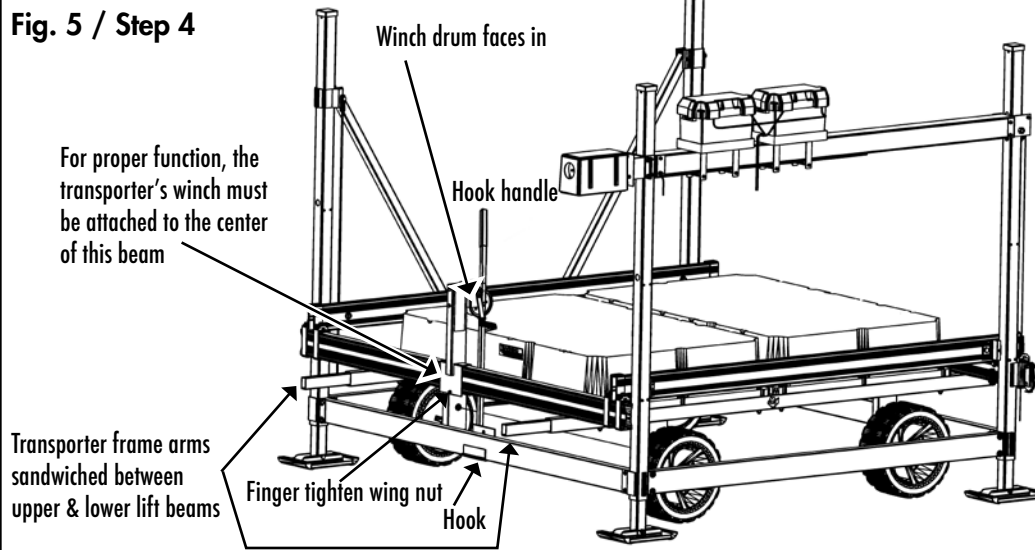
WARNING! IMPORTANT!

* IF YOU HAVE A WINCH MODEL LIFT, release all but one wrap of cable from the lift winch drum before proceeding to Step 4.

* IF YOU HAVE A VSD POWERED LIFT, lower the lifting bed as low as possible (until it is stopped by the limit switch).

VSD (Vertical Ball Screw Drive) lift model shown

Fig. 5 / Step 4



MAIN LIFTING CABLE

Note: The location of the lifting cable, not the power unit, determines the side of the lift to which you will attach the transporter's winch. **(See page 1 for reference)** Locate the transporter winch on the center of the lift beam that is opposite the beam that has the main vertical lifting cable attached.

STEP 4 *IMPORTANT* - - - - -

- Install the transporter's winch system as shown in Figure 6. Do so by positioning the winch in the center of the lift beam that is opposite the beam that has the main lifting cable attached. Swing eyebolt into position and tighten wing nut as shown. When installed properly, the winch drum will face into the center of the lift.
- Crank winch counter-clockwise while pulling on the strap. Let out enough strap so that the hook located on the bottom of the hook handle reaches underneath the lower frame beam from the inside of the lower frame beam (toward the center of the lift). When properly attached, the hook handle will be centered on the winch with the winch strap coming straight up between the hook handle and the winch drum.



WARNING



YOU MUST ENSURE THAT THE HOOK IS PROPERLY POSITIONED, TIGHT TO THE BEAM, BEFORE TIGHTENING THE WINCH CABLE.

C. Crank the winch clockwise until the lower frame beam is pulled up to sandwich the transporter's aluminum frame rail between the liftsystem's upper and lower beams. Doing this will cause the lift to be raised onto the wheels of the transporter, as long as the leveling legs are in their retracted position.

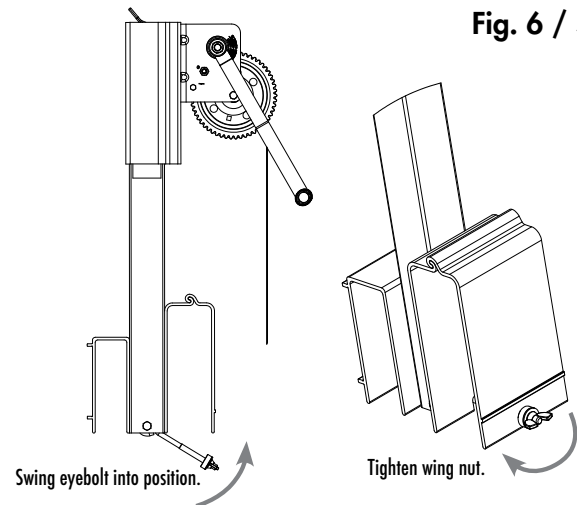


WARNING



NEVER ATTEMPT TO RAISE THE LIFT PLATFORM WHILE THE TRANSPORTER'S WINCH IS INSTALLED!! DOING SO MAY CAUSE SEVERE LIFT DAMAGE, PERSONAL INJURY, OR DEATH.

Fig. 6 / Step 4



After assembling winch post over lift beam, move eyebolt up in to slot in winch post saddle with washer and spacer back against wing nut, and tighten wing nut.



WARNING



Before using your Float & Roll™ system you must remove the canopy fabric from your lift if your lift is equipped with such. This prevents problems that can occur if wind is present. (The canopy frame can remain attached)

STEP 5 - - - - -

Your lift system should now be ready to roll in the water, or if you are removing your system, it should be floating, provided that the water is deep enough for it to do so.

STEP 6 - - - - -

- A. Once you've moved your lift to its proper location, crank the transport winch counter-clockwise to lower your lift onto its leveling pads.
- B. Check the lift system to ensure that it is level. The lift should be leveled to within two inches, corner to corner. If out of level, float the lift back up by cranking the transport winch system clockwise. Adjust leveling pads accordingly.

CAUTION: WHEN ADJUSTING LEVELING SAND PADS ON LIFTS NOT EQUIPPED WITH THE EASY-LEVEL™ LEVELING SYSTEM, DO NOT LOOSEN THE ADJUSTMENT BOLT MORE THAN TWO REVOLUTIONS, OR IT MAY BECOME DISENGAGED FROM THE NON-ACCESSIBLE INTERNAL NUT.

STEP 7 - - - - -

- A. Once you are finished leveling your lift, completely disconnect and remove the transporter winch system.
- B. Using the boat lift's winch, VSD, hydraulic system, raise the lifting platform high enough to float the transporter out of the lift.

Note: If your lift is a hydraulic model and you need additional height to remove the transporter, refer to Step 2.

LIFT REMOVAL: To remove your lift, repeat the previous steps. While the lift is floating, retract the leveling legs.

Note: For ease of leveling the following year, you should mark the height of each leveling leg prior to raising them up for transporting purposes.

STORING THE FLOAT AND ROLL WINCH ASSEMBLY

When the Float & Roll is not in use, the hook can be secured to the winch post by placing the eye bolt into the slot in the hook and tightening the winch.

IMPORTANT: The hook can only be secured to the winch post on the side where the eye bolt is installed into. Tightening the winch hook to the side without the eye bolt or over tightening the winch hook will bend the clamp and will not allow for the eye bolt to be installed into the clamp properly during installation or removal of the boat lift.

