

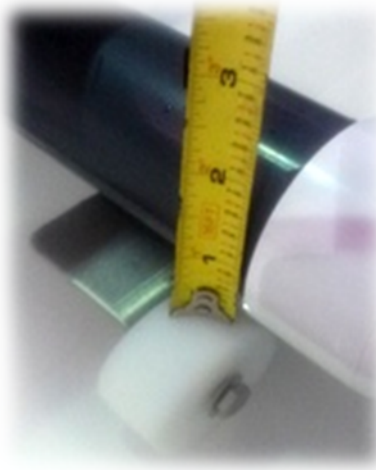
## **PRE-INSTALLATION PROCEDURE**

### **READ THIS BEFORE REPLACING PUMP**

Step 1: Move the massage limits from 6-25. Raise the pressure to max pressure and lay on bed and run for 5 minutes. Check and feel for Cavitation (CAVITATION IS THE SUDDEN DROP IN PRESSURE TO THE BED USUALLY TOWARDS THE BACK AREA) did the pressure Fluctuate? [ ] YES [ ] NO

Step 2: Open up the top of the bed and check the water level. The water should be ½” above the 2” white wheels underneath the manifold. Look at the water quality and look for cloudy or smelly water. If you see these issues then notify club that they need to do the yearly maintenance on the bed ASAP. It will cause further issues if these problems are not resolved.

Step 3: Take pictures of the water quality and pictures of the water level and email it to [Support@hydromassage.com](mailto:Support@hydromassage.com) while **on site**. Put tape measure/Finger on top of wheel when taking the picture so that we can confirm water level.



Step 4: Ask Club if they have defoamicide and when was the last time that it was added to the water. If they do not have any, check for the bottle of defoamicide zip-tied to the frame behind the control box on the right side of the bed. Check to see if that has been used. [ ] Full [ ] 2/3 [ ] 1/3 [ ] Empty

**After completing these steps, please call Tech support  
@ 1-800-699-1008 ext. 2515**

## Replacing a HydroMassage Pump

Tools needed:

- **Medium Philips head screw driver**
- **(2) 7/16" wrenches**

**IMPORTANT:** The following steps are to be performed on the HydroMassage Bed after the 220 volt power cable is unplugged from the wall outlet and the PC turned off

Step 1: Unplug the 220 volt power cord from the wall outlet and turn the PC off before starting to work on the bed



Step 2: Unsnap and remove the Cover Sheet and Comfort Pad from the top of the bed.

Remove the 8 thumb screws holding side panels to the end panels.

Remove the side and end panels from the bed and move them away from the bed in a safe location.

Lift and remove the pole and Touchscreen PC and carefully set it on the floor.



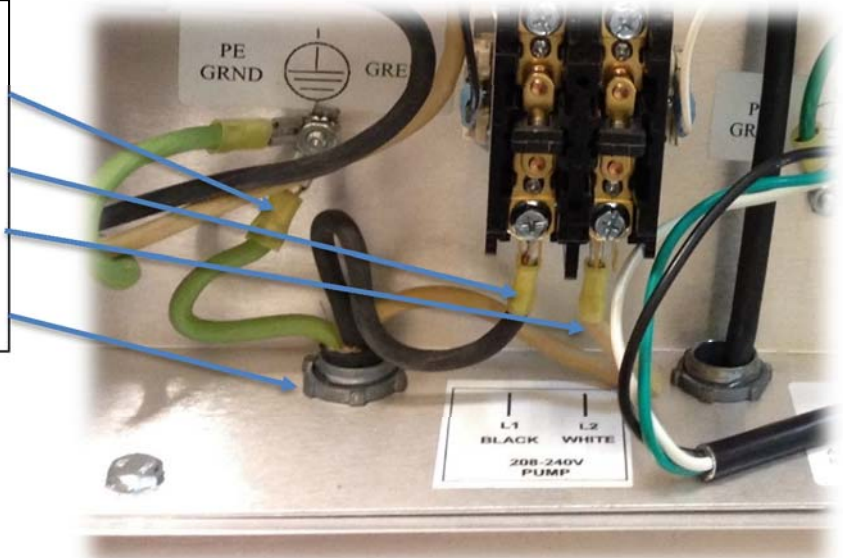
## Pump Removal

Step 3: Remove the cover on the Control Box and set out of the way.



Step 4: Disconnect the push on connector for the ground wire along with the black and white power wires from the contactor.

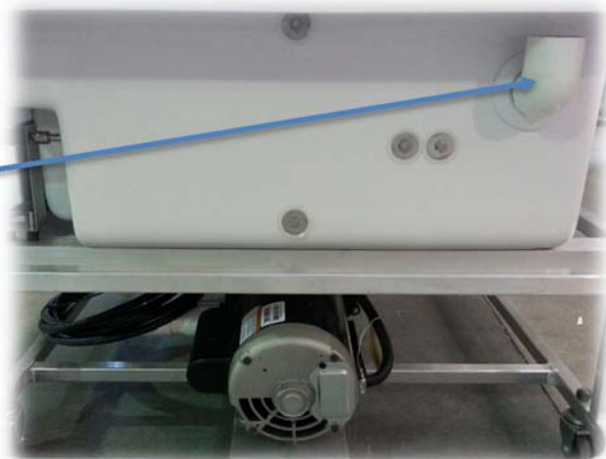
Loosen the BX connector underneath the control box and pull the pump power cord out of the electrical box.



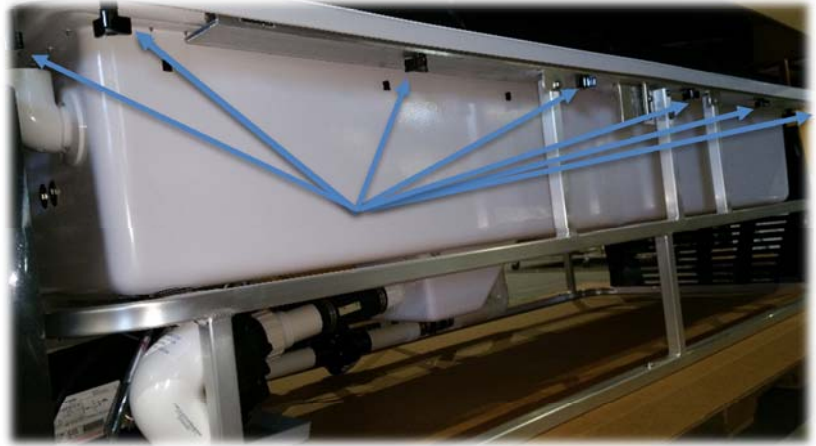
Step 5: From the foot end of the tub you will see the 1 ½" PVC breather elbow. Remove the elbow by turning counter clockwise. Insert and tighten the supplied PVC plug into the port.



PVC Plug



Step 6: Tighten all 18 black knobs around bed to prevent any leaking when turning bed on its side.



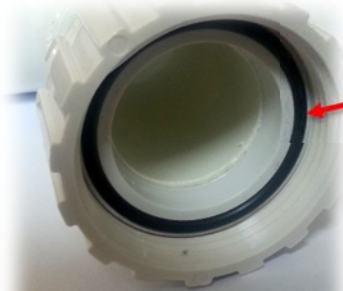
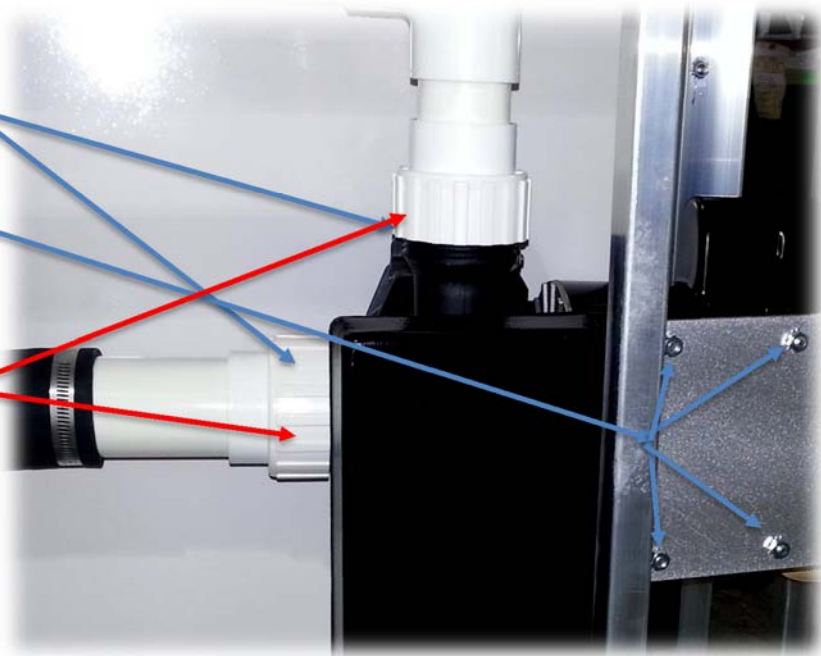
Step 7: From the control box side of the bed with 2-3 people, slowly lift the tub BY THE FRAME ONLY until it is resting on its side.



Step 8: Disconnect the 2 unions on the pressure and suction side of the pump, they should only be hand tight.

While holding the pump securely in place (pump will fall if not supported), remove the 4 nuts from the mount and remove the pump.

**IMPORTANT!!!!!!** Be sure to reseal O-ring inside both unions after pump removal

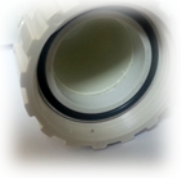




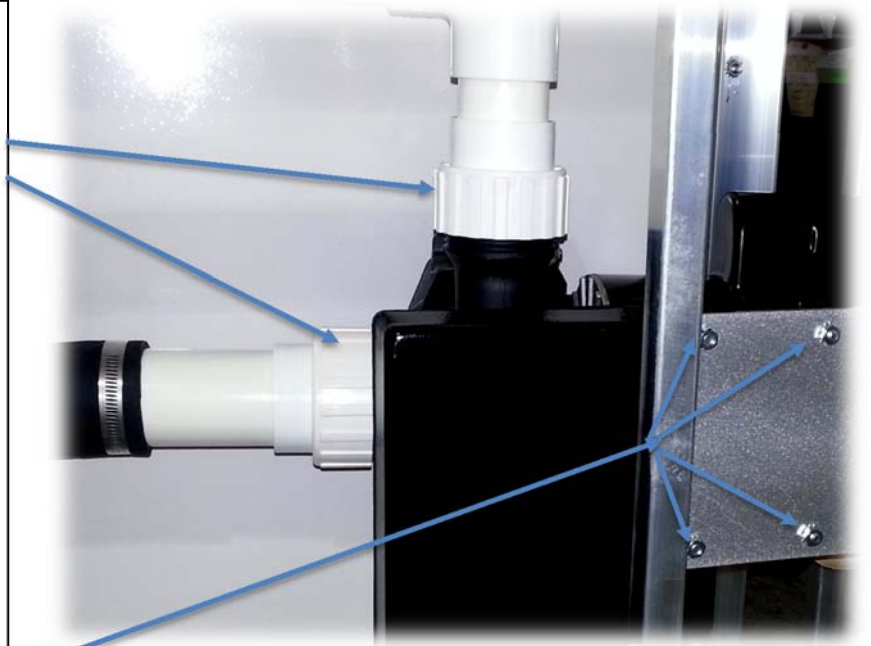
## Installing Replacement Pump

Step 9: Mount the replacement pump in place with the 4 mounting bolts hand tight only. Secure the 2 unions, do not use a wrench as you can damage the fitting. Tighten the 2 union hand tight only (Tighten as much as possible).

**IMPORTANT!!!!!!Be sure to reseal O-ring inside both unions after pump removal**



Then securely tighten the 4 mounting bolts.



Step 10: Reattach the green ground wire and black and white power wires to the contactors

If the connectors side on easily or are loose then gently squeeze with pliers.

Secure the power cord on the BX connector on the bottom side of the control box

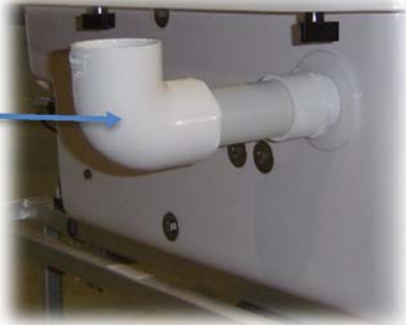


Step 11: Slowly lower the bed down back onto the casters using 2-3 people. Inspect the fittings on the pump to be sure there are no leaks.

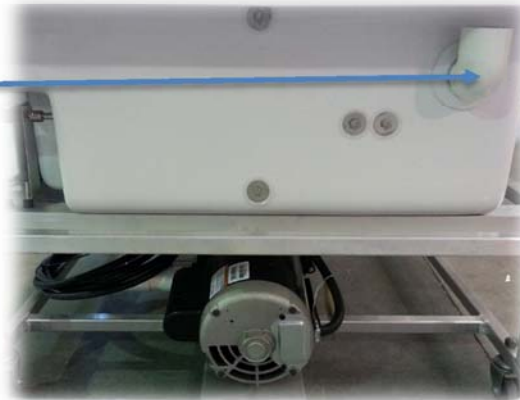
Install the cover panel back onto the control box.



Step 12: Remove the PVC plug and install the PVC fill tube (should be attached to frame). Add 5 Gallons of distilled water and 2 tbsp. (1 capful = 1 tbsp.) of defoamicide into PVC fill tube to make up for the loss of water.



Step 13: Remove the PVC fill tube and reinstall the 1 ½ PVC breather elbow.



Step 14: Install the side and end panels, securing the sides to the end panels with the thumb screws at each end of the bed. Snap the Cover Sheet and Comfort Pad back in place and remount the Touchscreen PC.

Power on the PC, after the software has fully loaded, plug the 220 volt plug back into the outlet to reinitialize the bed.



Step 15: On the Hydromassage Touchscreen, press the Start button and immediately after the pump starts press the Stop button. Repeat this procedure 2 to 4 times until you hearing the water gurgling in the pump. You can then proceed to run the bed normally



Step 16: Run bed until water reaches set temperature while continuously checking for leaks.

**IMPORTANT: After the pump is installed, you must follow the Pump Priming Procedure before running the bed or the pump seal will be damaged and could possibly leak**