

## Replacing a HydroMassage Liquid Level Sensor

Parts needed:

- **100% pure silicon**

**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.

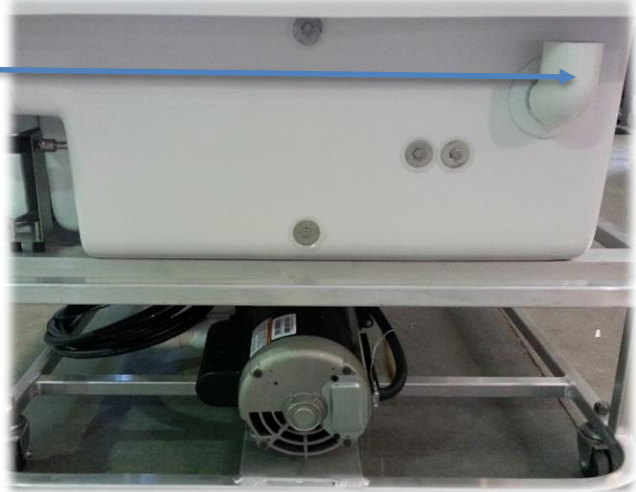
Lift and remove the pole and Touchscreen PC and carefully set it on the floor.



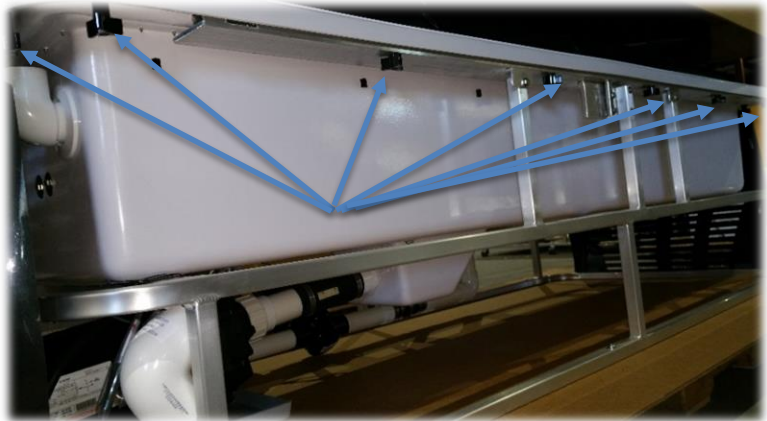
Step 3: From the foot end of the tub you will see the 1 ½ PVC breather elbow. Remove the elbow by turning counter clockwise. Insert and tighten the supplied PVC plug into the port



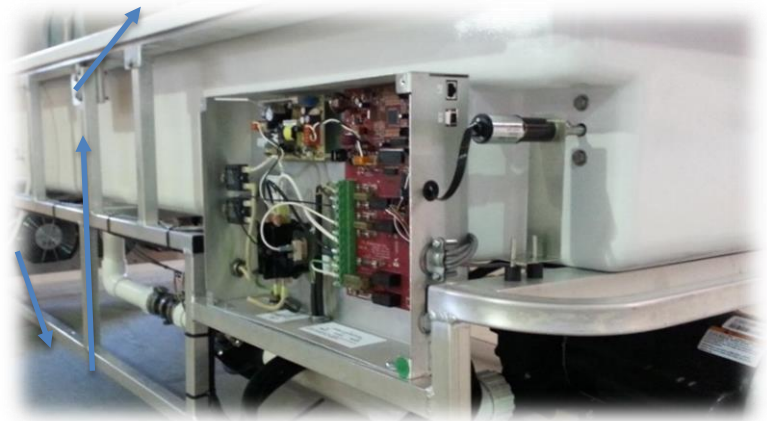
PVC Plug



Step 4: Tighten all 18 black knobs around bed to prevent any leaking when turning bed on its side.



Step 5: From the control box side of the bed with 2-3 people minimum, slowly lift the tub BY THE FRAME ONLY until it is resting on its side.

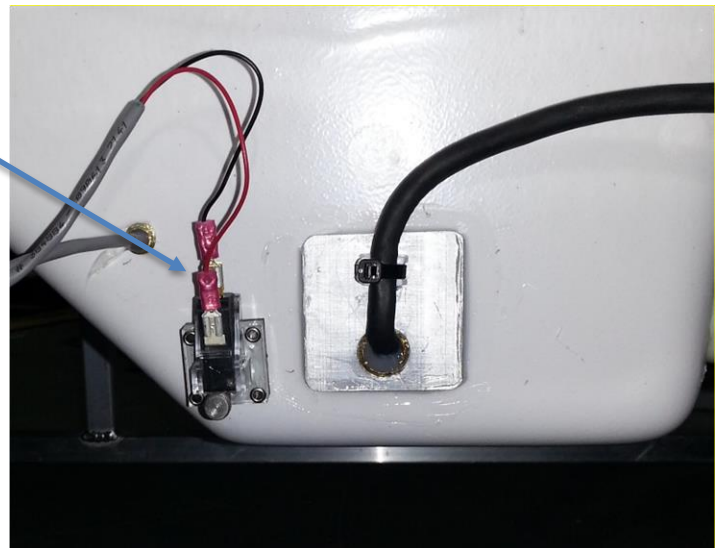


Step 6: On the sump of the tub (lower part in the center of the tub) locate the Liquid Level Sensor



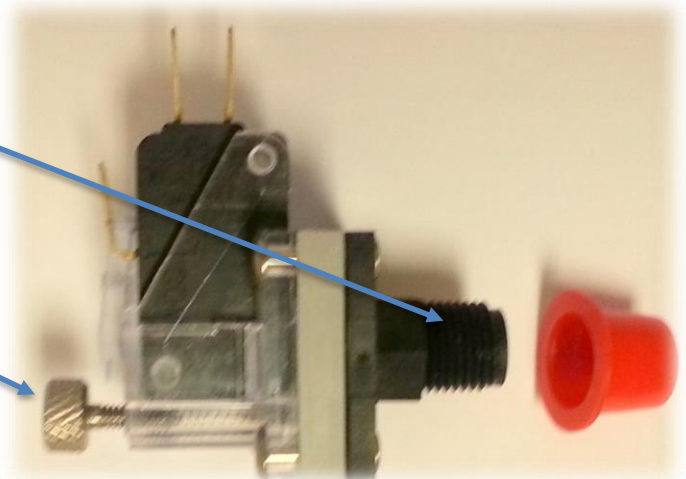
### Installing Replacement Sensor

Step 7: Gently remove wires by pulling up on the connectors (not the wire) from the top of the sensor, note the wires are on the 2 front blades and will be put back on the new sensor the same way. Unscrew the sensor by turning counter-clockwise.



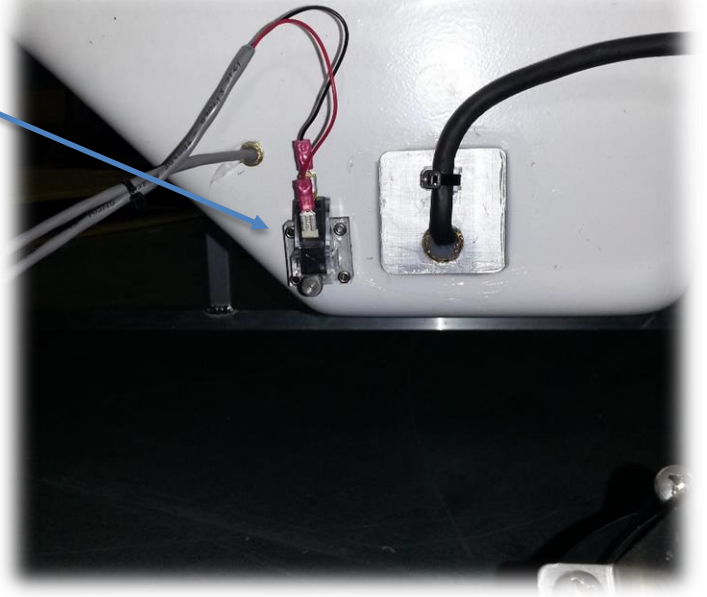
Step 8: After unscrewing and removing the red protective cap, take a small amount of Clear 100% Silicone Sealant and apply it to the threads, be careful not to get any near the hole at the end.

**IMPORTANT: NEVER TURN THE ADJUSTMENT KNOB**

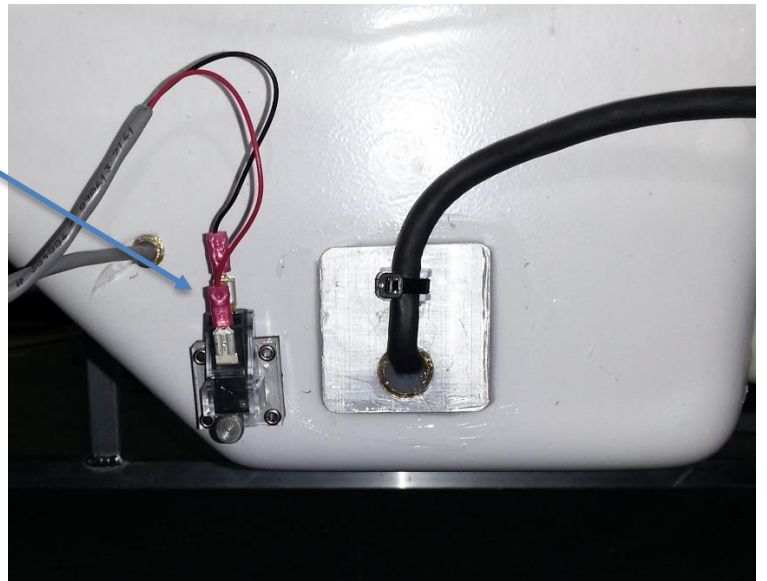


Step 9: Carefully screw the new sensor back into the tub turning clockwise by hand until snug (the blades should be facing up).

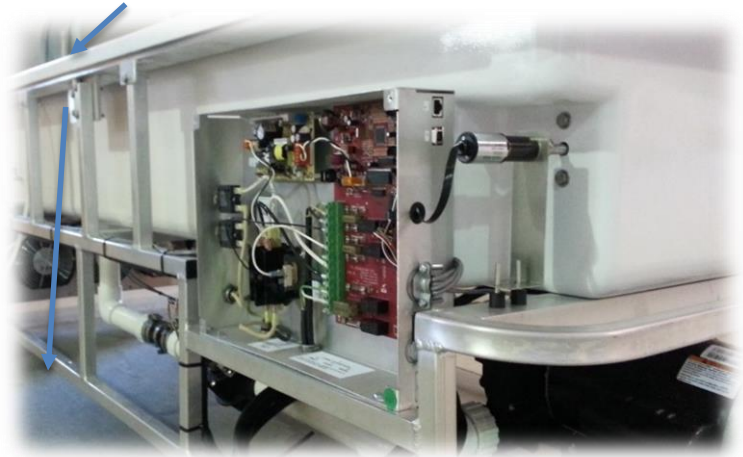
**IMPORTANT: BE CAREFUL NOT TO OVERTIGHTEN AS YOU CAN SNAP THE STEM**



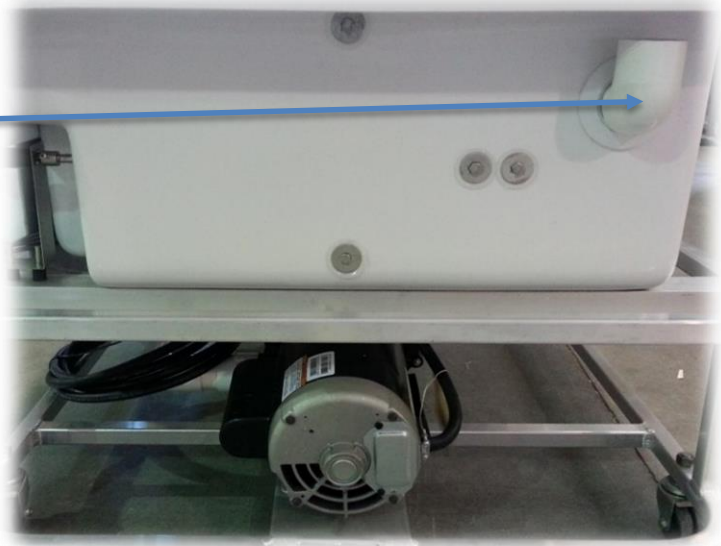
Step 10: Carefully push on and reattach the wires on the front 2 blades, red to the front, black on the middle blade.



Step 11: From the control box side of the bed using 2-3 people, slowly lower the tub BY THE FRAME ONLY, back down onto the casters. Inspect the sensor to be sure there are no leaks.



Step 12: Remove the PVC plug and reinstall the 1 ½ PVC breather elbow.

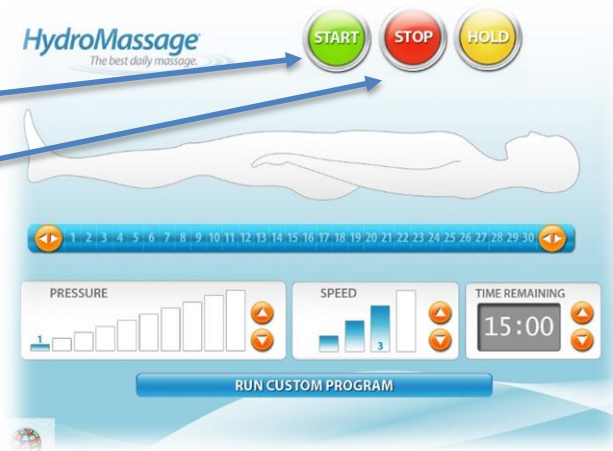


Step 13: Install the side and end panels, securing the sides to the end panels with the thumb screws at each end of the bed. Snap the Cover Sheet and Comfort Pad back in place and remount the Touchscreen PC.

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



Step 14: 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 15: Run bed until water reaches set temperature while continuously checking for leaks.

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