

Replacing a Reed Switch Wire Harness Assembly

Tools Needed:

- **Wire cutters**
- **Medium Phillips head screwdriver**

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.

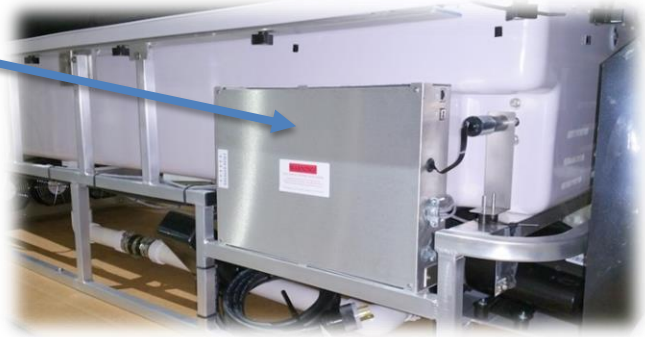
Lift and remove the pole and Touchscreen PC and carefully set it on the floor.



Reed Switch Harness Removal

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

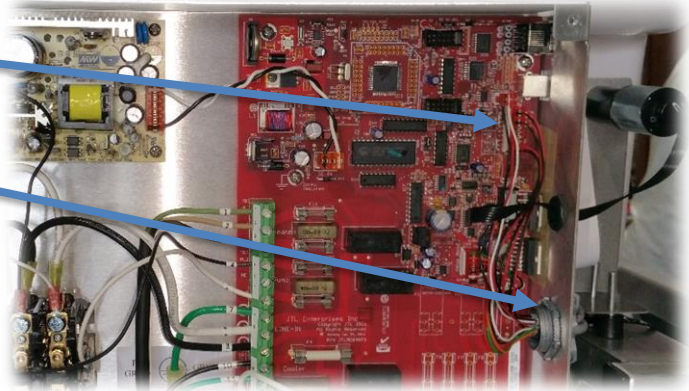
IMPORTANT: Touch metal frame to discharge any static electricity before reaching into electrical box



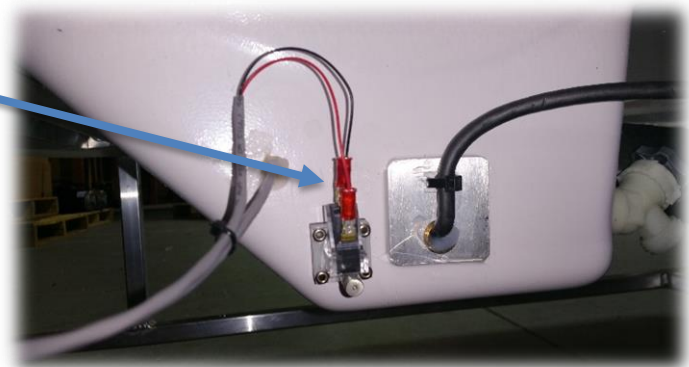
Step 4: Unplug connector at circuit board from Reed Switch Harness

Then loosen wire clamp and remove harness wires from electrical box

IMPORTANT: Be sure to put the rubber insulator back in place when reinstalling wires through the box



Step 5: Remove the two liquid level sensor wire connectors from sensor at the sump of tub



Step 6: Remove both reed switches from mounting blocks located on bottom side of tub at the head and foot end



Step 7: Cut all 9 tie wraps holding harness to frame with wire cutters, then remove complete harness from bed

NOTE: It may be a good idea to take picture of wire orientation along bed frame to use as a reference when installing the new harness



Reed Switch Harness Installation

Step 8: First route new wire harness along frame in same pattern as the original

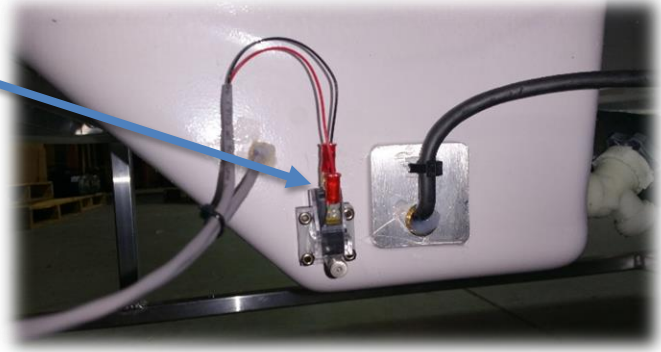
Then mount the reed switches at mounting blocks on the head and foot end of the bed

IMPORTANT: Do not overtighten reed switch mounting screws



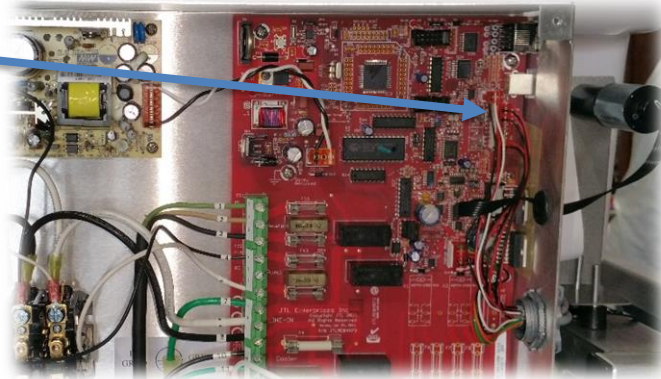
Step 9: Reattach the Liquid Level Sensor wire connectors to the front two posts

NOTE: Be sure the connectors are tight on posts

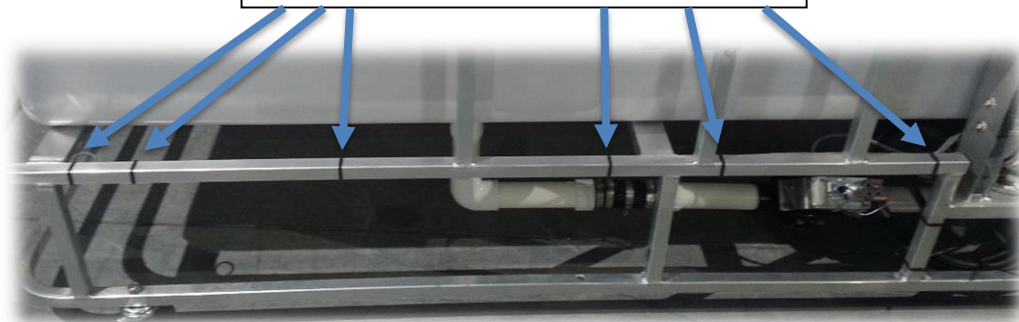


Step 10: Carefully insert plug through wire clamp into control box and re-plug the red connector onto circuit board. Then tighten wire clamp on control box

IMPORTANT: When re-clamping wire clamp, be sure the rubber insulator is in place



Step 11: Using the 9 supplied tie wraps, attach the wire harness to frame in the same orientation as the original



Step 12: Install the cover panel back onto the control box



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.



Step 14: After turning your HydroMassage PC back on and waiting for the software to fully load, then plug in the 220 volt power back into the outlet

