



Repair & Maintenance

Jandy Valve O-Ring Replacement

L-300 HydroMassage Bed

Part# RSB-0745 (Kit, Jandy Seal - Lounge)

- RBR-0481 (2) Small Jandy O-ring
- RPL-0476 (1) Large Jandy O-ring
- HWR-0945 (1) Plastic O-ring Spacer
- MSC-0746 (1) Grease Packet (for lubricating O-rings)
- RPL-0780 (1) Plug, 1½ inch PVC

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L-300 HydroMassage Bed
Jandy Valve O-Ring Replacement Kit RSB-0745
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JTL Enterprises
15395 Roosevelt Blvd
Clearwater, FL 33760
USA

Failure Symptoms

If users notice any puddling or leaking originating from the user-right side of the HydroMassage Bed and inspection indicates that there is water dripping from the Jandy valve, there is a strong possibility that the O-ring seal are worn and require replacement.

Order Jandy O-Ring Replacement Kit **#RSB-0745**.

Tools Needed



Standard Phillips & flat head screwdrivers (#2 or larger)



Rolling the bed on its side will require 2-3 people.

Power Down

Power down the HydroMassage Bed. Power down the User Display and unplug it from the 110v outlet.



Unplug the 220v power to the Lounge.

NOTE: Unplugging the unit mid-cycle results in the internal gate in the Jandy valve being out-of-home, making the repair more difficult. Allow any operation cycle to complete before powering down and unplugging.

Disassembly

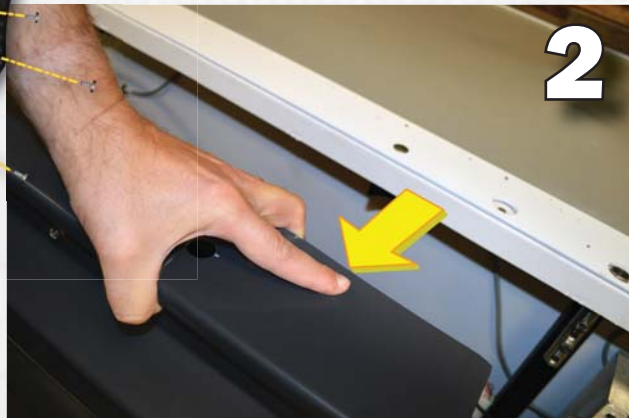


Unsnap and remove the cover sheet and comfort pad.

Keep the cover sheet and comfort pad nested (snapped together) as a unit.



All four fiberglass side panels must be removed via two thumbscrews at the head and two at the foot on each side.



Pull up on the user panel arm to remove it from the tub frame.

No further disconnects are required, but you must set the loose user panel somewhere secure and ensure you do not damage it when moving the bed.





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At the head of the bed, unscrew the PVC vent elbow.

Replace it with the plug from your kit.

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Using at least two capable people, roll the frame onto the user-left side, being careful not to damage the user control panel or cabling.



6

Repair



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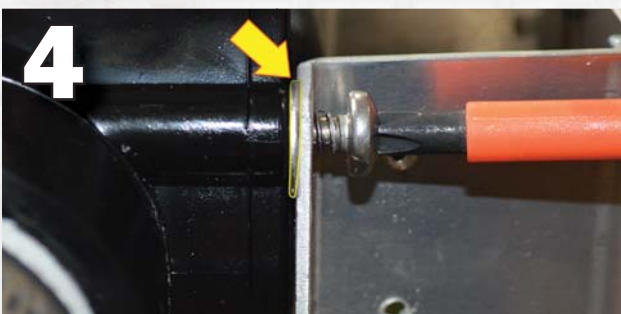
Identify the placement of the Jandy valve in the HydroMassage Bed.



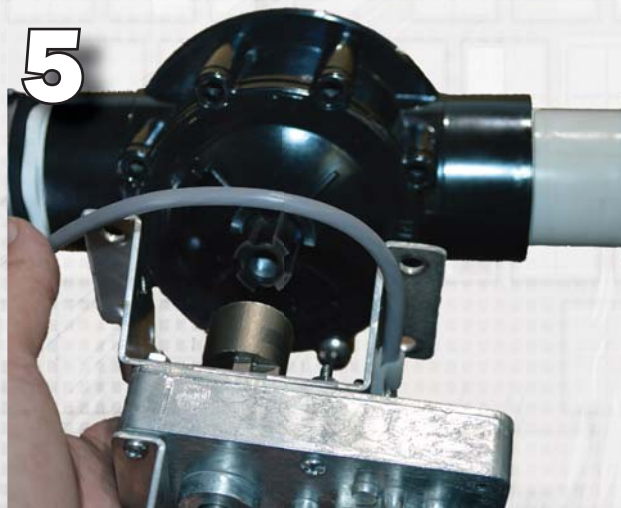
Remove the pressure valve cover by removing the two securing screws on the left side.



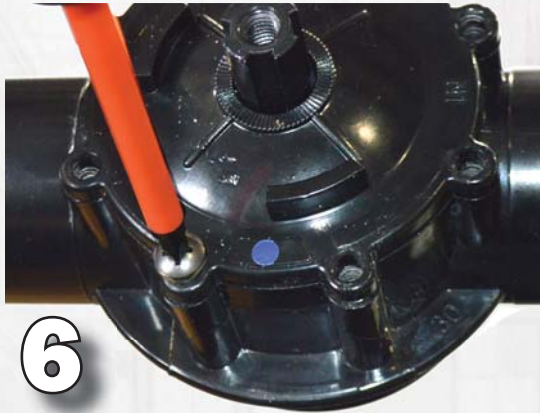
Carefully remove the top six screws, but temporarily leave the two on the bottom.



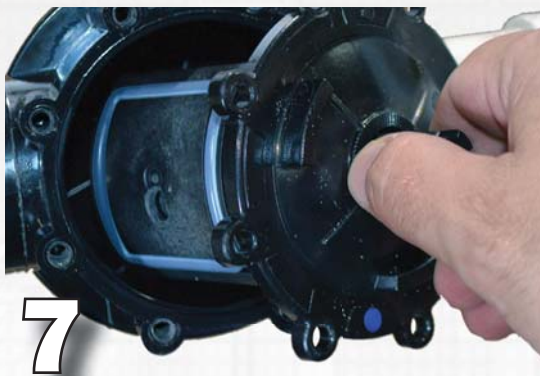
NOTE: There are four spacer washers under the screws attaching the bracket of the pressure valve cover. Retain them and use them when reassembling.



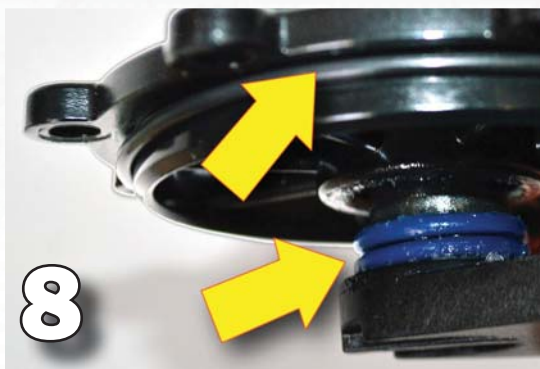
Pull the pressure valve bracket from the Jandy valve cover.



Remove the final two screws.



Pull the lid and gate assembly out of the Jandy valve.



Pull the valve gate from the lid. Here you see all three O-ring seals that you will replace with the parts in your kit.

Remove and discard all three O-rings. Clean grease and debris from all surfaces before proceeding.

There are two versions of the Jandy valve lid. Knowing which version you are working with is important.

The **new** version of the lid underside has an O-ring housing $\frac{3}{8}$ inch deep, leaving space for the white plastic washer.



The **old** version of the lid has an O-ring housing $\frac{1}{4}$ inch deep.

The included white plastic washer will not be used in repairing the old version of the lid.



Run a very light coating of the supplied lubricant inside the lid housing where the new twin O-rings will seat.

Apply a thin sheen of lubricant to the new larger O-ring once mounted.



If working with the **new** version of the Jandy valve cover, slip the white plastic washer onto the gate shaft first.

For **both** versions of the valve lid, seat both the smaller O-rings midway on the gate post shaft and apply a very thin coating of lubricant to the gate shaft below the twin O-rings.



Use the gate shaft as a guide to seat the twin O-rings into the lid with your thumbs.

Press the gate down into the lid.

The O-rings have seated properly when you hear an audible snapping sound.



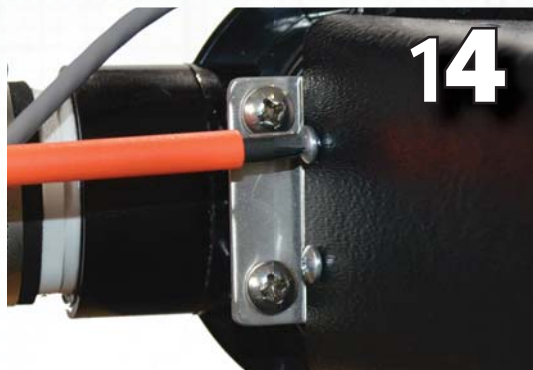
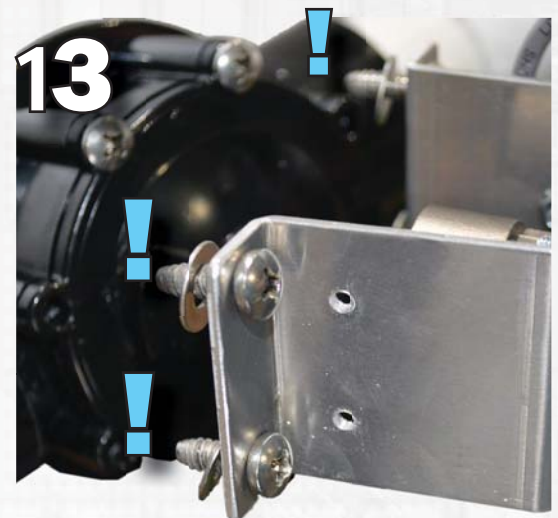
Slide the lid and gate assembly back into the Jandy valve housing. The raised "IN" stamp should be at 3 o'clock.

The valve gate should be pointing at 9 o'clock.

Return the two Phillips head screws at the top and the two at the bottom.

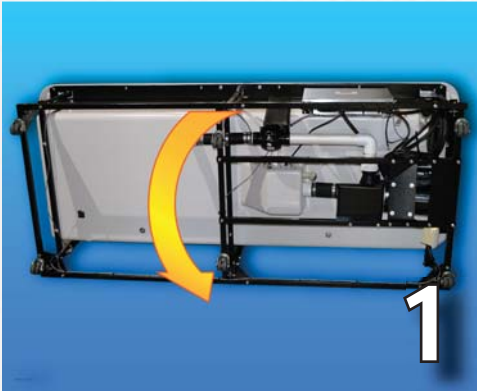
Slide the pressure valve back onto the grooved stem in the lid of the Jandy valve. The wire harness should be on the side with the PVC elbow coupling (right).

Remember to place the spacer washers between the bracket and their position on the Jandy valve lid before tightening the screws.



Reattach the pressure valve cover.

Reassemble



Using at least two capable people, lower the HydroMassage Bed flat on its frame and return the user control arm post to its place on the tub frame. It's a good idea to apply a thin sheen of grease to the post seat before seating it in the tub.

Remove the plug at the head of the unit and replace the PVC Vent elbow. Make sure the elbow is pointed toward 12 o'clock when done.



Test

Power the HydroMassage Lounge on. Wait for the user panel to reboot and reinitialize. Run a full cycle and check for leaks.

Reassemble (cont.)



Return all side panels into position and secure them with two thumb screws at the head and two at the bottom (each side). Match the Velcro on the underside of the panel to those on the tub lip.

Snap all remaining fasteners on the combination comfort pad and top sheet to the side panel.



Inspect

Always ensure you leave the HydroMassage Bed looking clean and inviting for the next customer.



Technical Support

Questions? The HydroMassage Technical Support team is here to help. (727) 536-5566 ext. 2515