

Ozonator Check Valve Removal and Replacement Procedure

Tools required:

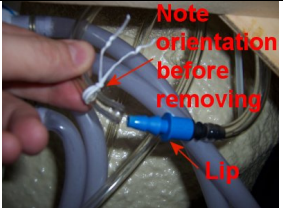
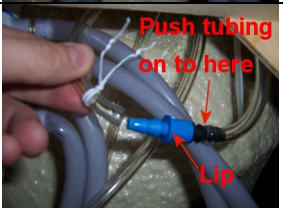


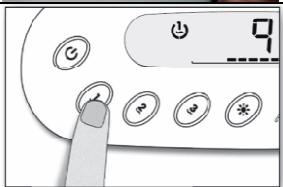
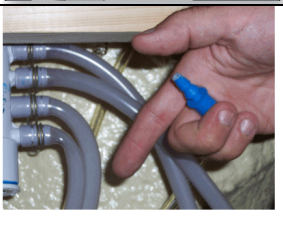




Before you begin, read and understand all steps of the procedure before beginning so as to familiarize yourself with what is required. Use common sense and always work safe.

1	<p>Turn electrical power off to your spa by turning off its GFCI breaker.</p> <p>Note: It is recommended that you lock this GFCI breaker box so that no one can accidentally turn the power back on while you are working.</p>	
2	<p>Behind trim buttons¹ there are eight #2 Phillips screws holding this panel on: 3 on the left trim piece, 3 on the right trim piece, and 2 on the bottom. Remove the trim pieces and then the bottom screws. As you remove the bottom screws, this panel will fall. Lift the panel out of the way and store all parts in a safe place.²</p> <p>CAUTION: This panel weighs at least 10 pounds and will fall down to the ground as the bottom screws are removed. Keep your feet clear of the bottom of the panel and be prepared for this to happen.</p>	
3	<p>Unplug the black spa pack power cord from its receptacle in the grey box.</p>	
4	<p>Fold back the silver insulation blanket to the right of the spa pack and locate the ozonator check valve.</p> <p>Note: This valve may be obscured from view. It can be found by tracing the tubing coming from the ozonator and following it to the tubing loop near the top of the spa. While the check valve shown is blue, the actual color of your check valve may vary.</p>	

¹ Some spas do not use trim buttons to cover the screws.

² For spas with stereos, also remove the panel to the right of the one just removed.

5	<p>Tubing is pushed onto each end of the ozonator check valve. Grasp the tubing and check valve and remove each end noting the orientation of the valve. You can use a twist tie or piece of tape to note which end goes where. (The end with the lip goes to the ozonator; the other end goes to the diverter valve near the bottom of the spa.)</p>	
6	<p>Push the tubing onto the non-lip end of the check valve in the correct orientation making sure it is pushed on as far as it will go. Connect only this end at this time.</p>	
7	<p>Plug in the spa pack.</p>	
8	<p>Turn on the GFCI breaker.</p>	
9	<ul style="list-style-type: none"> • Wait 2 minutes. • Turn Pump 1 on HIGH. 	
10	<p>Grasp the check valve in your hand and put your thumb over the open end and cover the hole for two to three seconds. As you abruptly remove your thumb from the check valve, listen for a gentle popping noise. This noise indicates that the air is flowing normally to the spa. If you do not hear this noise, make sure that the check valve is installed in the proper orientation (not installed backwards).</p>	
11	<ul style="list-style-type: none"> • Put the tubing back on the open end. • Replace the silver insulation blanket. • Replace the front panels • Replace the trim buttons over the screws (if present). 	
<p> Tip: It is safest to have two people install these panels: one holding the panel in place while the other puts in the screws.</p>		