

# Speaker Removal and Replacement Procedure


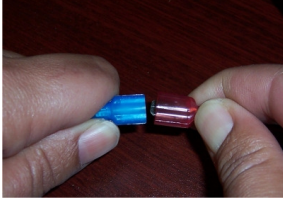



## **Tools required:**







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><b>Note:</b> 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 buttons<sup>1</sup> 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.</p> <p><b>CAUTION:</b> 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>Remove the front panel on which the stereo is mounted. Remove the back panel below the speakers.</p>	

<sup>1</sup> Some spas do not use trim buttons to cover the screws.

5	<p>The speaker wires run from the stereo connector to the speakers. Two plugs are located near the stereo for each speaker. Locate these plugs.</p> <p><b>Note:</b> On some spas, it may be necessary to remove the stereo panel to gain access to these plugs.</p>	
6	<p>Unplug the defective speaker or speakers.</p> <p><b>CAUTION:</b> Pulling on the wires to remove these plugs will break the wires inside the plugs. Grasp the base of the plug firmly, wiggle the plugs back and forth to loosen them, and pull them apart carefully.</p> <p><b>TIP:</b> When replacing both speakers, use a piece of masking tape and a pen to mark on the stereo end which two wires go to the left/right speakers. A wiring diagram for these connections can be found on the web site.</p>	
7	<ul style="list-style-type: none"> <li>From the rear of the spa, feed the unplugged wire from the previous step through the spa over to this side of the spa</li> <li>With your fingers, loosen the large white plastic nut underneath the lip of the spa that holds the speaker in place</li> <li>Pull the nut through the wires</li> <li>Remove the speaker from the top</li> <li>Repeat the above steps if you are also replacing the other speaker</li> </ul> <p><b>Note:</b> It is normal for water to appear on the inside floor of the spa below the speakers.</p>	
8	<ul style="list-style-type: none"> <li>If installed, remove the white plastic nut from the replacement speaker</li> <li>From the rear of the spa, feed the wire from the replacement speaker through the hole in the top of the spa</li> <li>Route the white plastic nut through the end of the wires and thread it onto the speaker</li> <li>With your fingers, tighten the large white plastic nut underneath the lip of the spa that holds the speaker in place</li> <li>Feed the wires back over to the stereo (you can use a small stick and tape the end of the wire to feed it through the spa)</li> <li>Repeat the above steps if you are also replacing the other speaker</li> </ul>	
9	<p>Push each plug firmly into its respective connector on the stereo cable. A wiring diagram for these connections can be found on the web site.</p>	

10	Plug in the spa pack.	 <p>Plug in Spa Pack</p>
11	Turn on the GFCI breaker.	 <p>Turn On GFCI Breaker</p>
12	Turn on the stereo to make sure that it is hooked up and working properly.	
13	<p>Replace the silver insulation and all panels. Replace the trim buttons over the screws (if present).</p> <p> <b>Tip:</b> It is safest to have two people install these panels: one holding the panel in place while the other puts in the screws.</p>	