

Topside Control Panel Removal and Replacement Procedure

Tools required:


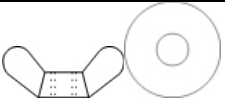



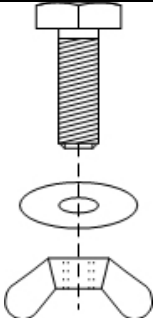



Before you begin, read and understand all steps of the procedure before beginning so as to familiarize yourself with what is required. Use common sense and always work safe.

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	<ul style="list-style-type: none"> • If required, remove the panel to the left of the spa pack • Fold back the silver insulation on the panel to the left of the spa pack 	

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

² For spas with stereos, also remove both small panels next to the one just removed.

5	<p>The topside control panel is plugged into either the C1 or the C2 plug on the spa pack. Unplug the topside control panel from the spa pack.</p> <p>Note: Now is a good time to test the replacement panel to see if it solves the problem. To do this:</p> <ul style="list-style-type: none"> • Plug in the new panel to C1 • Plug in the power cord • Turn on the GFCI breaker • Test the panel <p>If the panel works, turn off the GFCI breaker, disconnect the power plug, and disconnect the panel from C1. If it does not work, try plugging the panel into C2 and test again. If it still does not work, contact technical support.</p>	
6	<ul style="list-style-type: none"> • Reaching behind the Power Depot, locate the two wing nuts holding the topside control panel onto the underside of the spa shell/frame • Using your fingers, loosen these two wing nuts • Spin one of the wing nuts with your finger down the length of the topside control panel screw and just to the end. A flat washer will also follow the wing nut as it is spun down this screw • Once at the end, slowly finish turning the wing nut until both the nut and the washer come off of the screw and grasp them securely in your fingers as they come off <p>Note: This is a blind maneuver since you cannot clearly see either of these wing nuts.</p>	
7	<p>Route the cable through the access hole in the side of the Power Depot.</p>	
8	<p>Remove the topside control panel by lifting it out of the mounting hole and carefully pulling the cable out through the hole.</p> <p>Note: This panel is glued to the hole. Carefully pry out the old panel when removing.</p>	
9	<ul style="list-style-type: none"> • Peel back and remove the paper seal protector from the back of the new topside control panel • Carefully feed the cable in through the hole and guide the screws into the two mounting holes on the top of the spa • Properly orient the new panel and then press it gently onto the spa • Route the cable through the hole in the front of the Power Depot and plug it into the same jack that tested good in step 5 (C1 or C2) 	

10	<ul style="list-style-type: none"> Put a flat washer and wing nut between your fingers Reach behind the Power Pack and carefully slip the flat washer onto one of the screw posts of the new topside control panel While holding this washer in place with the tip of your finger, thread the wing nut Repeat steps 2 and 3 above for the other screw Using your fingers, tighten the wing nuts on these screws being careful not to over tighten them 	
11	Plug in the spa pack.	
12	Turn on the GFCI breaker.	
13	<ul style="list-style-type: none"> Wait 2 minutes until the spa pack resets Press each of the topside control panel buttons to check the operation of all of your spa's features. 	
14	<p>Replace the silver insulation and all panels. Replace the trim buttons over the screws (if present).</p> <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>	