

Hand Railing Removal and Replacement Procedure

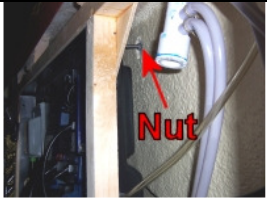





Tools required:




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.</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>Lower the water level in the spa to at least 6" below the hand rail itself. To do this:</p> <ul style="list-style-type: none"> • Remove the protective cap from the drain bib • Connect a garden hose to the drain bib fitting • Put the other end of the hose downhill from the drain • Open the drain bib by turning the outer ring counter-clockwise • Pull out on the drain bib to fully open the drain • Allow the water level to drain down at least 6" below the bottom of the hand rail • Close the drain bib by pushing in on the outer ring turning it clockwise • Remove the garden hose • Put the protective cap back on the drain bib 	

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

5	<p>There are two mounting nuts on the inside of the spa behind the spa pack. One is located through an access hole² in the center of the pack and the other behind the right hand side of the spa pack. Locate these two nuts.</p>	
6	<ul style="list-style-type: none"> Using the 7/16" combination wrench, remove two hand rail mounting nuts and flat washers Pull the hand rail out from the other side 	
7	<p>Clean the area thoroughly around the hand rail holes with a soft cloth. Remove any remaining sealant by scraping it off with your finger nails or a flat wooden stick.</p>	
8	<ul style="list-style-type: none"> Peel back and remove the two paper seal protectors on each end of the new hand rail Carefully guide the screws into the two mounting holes on the side of the spa Properly orient the new hand rail and then press it gently onto the spa 	
9	<ul style="list-style-type: none"> Replace two hand rail flat washers and mounting nuts Using the 7/16" combination wrench, tighten the nut securely being careful not to over tighten this nut If the Power Depot panel was removed, replace the panel. 	
10	<ul style="list-style-type: none"> Remove the garden hose from the drain Close the valve by pushing in on the outer ring and rotating it Clockwise Put on the protective cap 	
11	<ul style="list-style-type: none"> Connect a standard garden hose to a faucet with regular cold tap water (not softened water or hot water) Put the pre-filter on the other end of the hose, put the pre-filter into the skimmer basket, and turn on the hose Fill the spa until the water level is about 1/4 inch below the top of the Weir door (skimmer edge) or just above all jets. 	
12	<p>Once the water level is proper, check the inside of the spa for any water leaks.</p>	
13	<p>Plug in the spa pack.</p>	

² Some spas do not provide this access hole. If an access hole does not exist, remove the 16 screws from the black Power Depot panel and pull the panel forward to gain access.

14	Turn power back on to the spa by turning on the GFCI breaker.	
15	Once leak integrity is confirmed, replace the front panel. Place the trim buttons over the screws (if present). Note: It is safest to have two people install these panels: one holding the panel in place while the other puts in the screws.	