

#### REQUIRED TOOLS:

Phillips screwdriver, (Cordless drill is even better).  
Crescent Wrench (Channel-Lok work too)  
1" square piece of sandpaper. (Finer grit is best).



## REPLACING A FLOW SWITCH

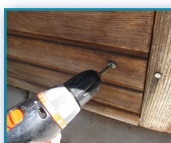


Easy Spa Parts

We know what you need.



1. Turn off power at the GFCI.



2. Remove the access panel.



3. Your Flow Sensor installation looks like this.



4. Before starting, note that 2-3 threads are visible. At installation, if it's screwed all the way down, the sensor will not operate properly.



5. Also note the correct orientation of the "flapper". The water flows from left to right, pushing the flapper towards the post. If it's not lined up as shown, the sensor will not work.



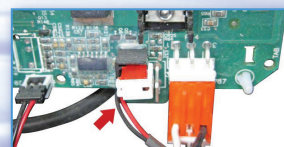
6. Use the metal plate covering the PC Board to protect the pump below the flow switch. Water will flow as you begin the next step.



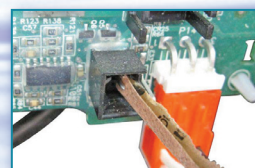
7. Using a Crescent wrench or Channel Lok, unscrew the sensor from its housing.



8. Remove it from the sensor housing. Push the "flapper" against the post and quickly install the new sensor.



9. Look on the wiring diagram to find the flow sensor connector. The location varies from year to year. The connector only fits 1-way, so take note of its orientation before unplugging. Remove the flow sensor connector from the circuit board.



10. Using a small strip of your sandpaper, sand the 2 pins on the circuit board. Nothing fancy, just a few swipes on each side of each pin to improve the connection. Plug the new connector back onto the circuit board.

11. Turn power to the spa on at the GFCI. Within 2 minutes, the "Flow" message should be gone, and the spa should start heating.

12. If the "Flow" message is still showing, turn the power off again at the GFCI. Confirm the flapper orientation is correct, and the plug is properly mounted onto the circuit board. Turn power on again at the GFCI.

13. If the "Flow" message is still showing, call us toll-free for help. (866) 418-1840.

These instructions are also on-line in color at [www.easyspaparts.com](http://www.easyspaparts.com) Should you require additional information, please call us toll free at 866.418.1840.