

Remove and Clean the Circulation Pump

If the error message still appears after the air lock is purged and lines are blown out, it may be due to internal debris. This will reduce the flow of water through the system. You'll need to clean the circulation pump and flush the temperature sensor assembly.

You'll need:

- Phillips head screwdriver (preferably cordless)
- 12" of straight wire
- 90 degree Screwdriver
- Pliers (Flat Head screwdriver on some models)
- 2 wine corks with a shaved end on each.
- 3mm Allen head wrench
- Crescent wrench
- Clear, plumbing grade Silicone caulk

To start:

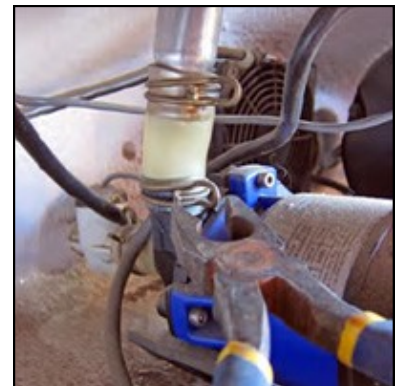
- Turn off the power to the spa at the GFCI
- Remove the equipment access door.



Step 1:

Loosen the hose clamps with your pliers and move them away from the circulation pump one at a time.

If the mounting plate is screwed to the floor, remove the screws. Grab the pump with both hands and pull it out of the equipment area.



Step 2:

Using 2 wine corks, (or similar items), plug the hoses to stop water flow.



Step 3:

Using the Allen Wrench, loosen the 4 screws holding the volute to the motor.



Step 4:

Remove the 4 screws.



Step 5:

Separate the motor from the volute. Remove any visible debris.



Step 6:

Separate the impeller from the motor; It is held in place magnetically.



Step 7:

Remove any visible debris.



Step 8:

Remove, clean, and replace the sealing gasket on the inside of the volute.



Step 9:

Replace the impeller.



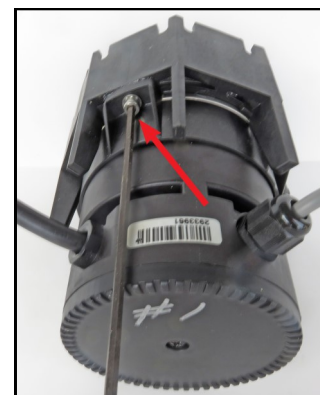
Step 10:

Re-assemble the motor and volute.



Step 11:

Tighten the Allen screws and reinstall pump.



**Please call if you have any questions
Toll Free in the US (866) 418-1840
EasySpaParts.com**