



Easy Spa Parts

We know what you need.

Replacing Your WaterWay Pump Seal

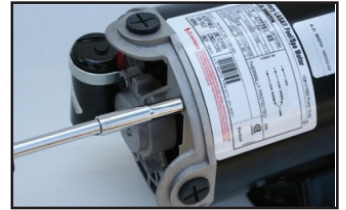
If your spa has 2 pumps, consider replacing both pump seals now to avoid the possibility of doing this again in the near future.

Turn power off at the GFCI. Remove the access door to the equipment area. Unplug the motor at the electrical control can. Close the slice valves if your spa has them. (Otherwise, drain the spa.) Loosen the 2 pump unions. Loosen any mounting bolts and remove the pump assembly from the equipment box.

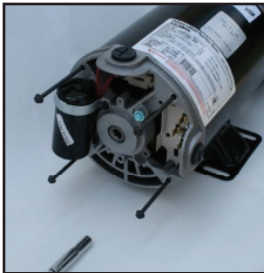
1. The tools required include a large flathead screwdriver, a philips head screwdriver, and a 1/4" socket.



2. Loosen the screw and remove the shroud.

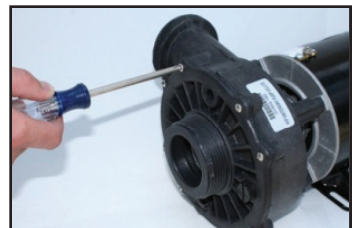


3. Loosen the 4 thru-bolts.

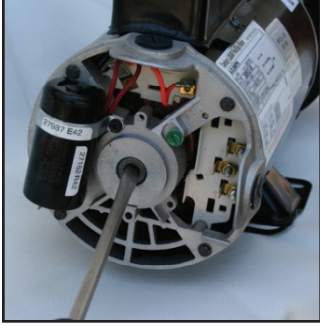
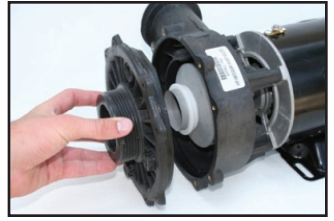


4. Pull the bolts back a few inches, but there is no need to remove them.

5. Remove the 8 screws on the front case.

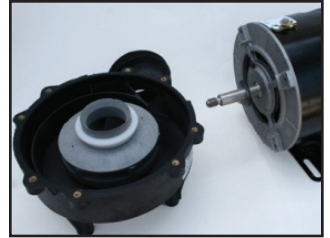


6. Remove the front plate.



7. Grab the impeller with one hand. Use the flathead screwdriver to hold the large socket at the other end of the motor. It takes a bit of patience, but you should be able to stop the shaft from turning and loosen the impeller by hand. **Do not loosen the socket, just the impeller.**

8. Remove the impeller and back plate from the shaft.

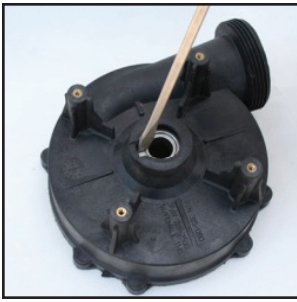


9. Separate the impeller from the back plate.

10. Using a flathead screwdriver, carefully pry the old seal out of the impeller seat.

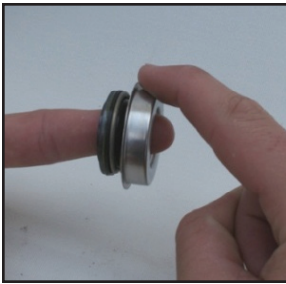


11. Slightly lubricate the shaft and rubber seal with pump lube or a mild liquid detergent from the kitchen, and install the new assembly as shown. Try to avoid touching the white surface.



12. Using the screwdriver again, push the spring assembly out of the back plate.

13. Wipe the spring assembly seat with a clean rag to remove all dirt and debris.



14. Slightly lubricate the spring body with pump lube or a mild liquid detergent from the kitchen as shown.

15. Push the spring assembly firmly back into its seat. Try to avoid touching the smooth surface with your fingers by using paper or cloth.



16. Wipe the white ceramic disc seat and face of the spring assembly with a clean rag, again to remove any fingerprints or other oils.

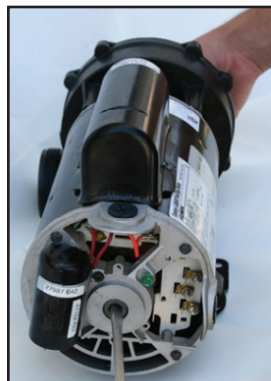
17. Remove the large O-Ring, clean its seat, lubricate the ring, and replace. Use a new O-Ring if the old one shows any sign of wear.





18. Reinstall the thru-bolts and back plate.

19. Thread the impeller assembly onto the shaft until it begins to spin. Use the screwdriver again to stop the shaft from spinning, and hand tighten the impeller until it's snug.



20. Re-attach the front plate.

21. Reinstall the shroud.



Reinstall the pump, open the check valves if your spa has them, or refill the spa.
Turn the power on at the GFCI.

Remember that pumps should only run with water in the spa or there is a risk of overheating the motor.

Pump seals may take time to “seat” themselves, so don't be surprised if there is a small amount of dripping water for about ½ a day.

These instructions are also on-line in color at www.easyspaparts.com

Should you require additional information, please call us toll free at 866.418.1840.

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