

Typical Pool Pump Motor Replacement for Hayward Super Pump and similar pumps

These pictures are of a 56J frame motor.



Step 1: Turn off main breaker, so there is no power at the motor.
Step 2: Remove back cover.
Step 3: Disconnect wiring.



Step 4: Remove the 4 bolts that hold the motor to the pump housing.



Step 5 Pull the motor away from the pump housing.
Step 6 Inspect the housing gasket and diffuser gasket to make sure there not cracked, replace if needed.



Step 7: Remove diffuser, which will reveal the impeller.



This is what some impellers look like, they have a nut that holds the impeller together.

Do Not Remove This Nut!!



If you remove the nut this is what it will look. You will see the impeller stem and the threads for the nut and the shaft seal



Step 8: Using a 7/16" wrench, insert it behind the spring switch, this will hold the shaft so you can unscrew the impeller.



This is a closer look at the wrench behind the spring switch. You **do not** want to use a flat headed screw driver to hold the screw inside the spring switch.



Step 9: Unscrew the impeller, counter clock wise. This should be done by hand, other you may damage the impeller with a wrench. Remember you are holding the shaft From turning with the 7/16" box wrench



This is what it will look like when the impeller is removed from the shaft of the motor.
Step 10: Remove the seal plate.



Step 11: Once the seal plate is removed it will reveal the 4 bolts that hold the motor mounting plate to the motor, remove this and install it back onto the new motor.
Step 12: It is recommended to replace the shaft seal.
Step 13: Reinstall all parts onto the new motor.

Before applying power to the motor be sure to have determine whether you have 115 or 220 v the motor voltage switch to the proper position.
Final Step: motor does not have a switch, follow the wiring instructions on the motor name plate. If you do understand the wiring diagram it is suggested to contact a qualified electrician to assist in the wiring configuration.