

How to Replace Water Pump

Remove the old pump

1. Find the two wires on the pump, open the lever nuts and disconnect the wires (take a picture on the lever nut connector before disconnecting the wires so that you know how to put them back).
2. Disconnect the pump inlet and outlet fittings.
3. The water pump is mounted on a small wood base as shown in the picture. Remove the 4 screws on the base to take the base and pump out.

WARNING: put a large towel under the pump when disconnecting the inlet and outlet. There will be some water coming out.

Install the new pump

1. Open the box, remove the two caps on the new pump, put them on the old pump, then put the old pump into the box. Leave all accessories in the box. We only need the pump itself.
2. Screw the new pump onto the wood base.
3. Screw the base back to the original location.
4. Connect the inlet and outlet fittings. Hand tighten first, then use pliers to tighten another 1/4 turn. Connect the pump wires to the lever nuts.

Test the new pump

1. Turn on the pump switch
2. Watch carefully at the pump inlet and outlet to see if there is any leak.
3. Run some water with sink faucet and shower faucet then close them.
4. Leave the pump switch on for half an hour, then check the pump inlet and outlet again to see if there is any leak. If there is no leak, then it is all set. If there is a little bit of leak, then tighten the fitting for another 1/4 turn. Do not over-tighten!

