

Magnet Upgrade



Step 1

Remove the Nozzle from the wet frame by holding the wet frame, pressing down on the nozzle, twisting it to the left and pulling it up and away from the wet frame.



Step 2

Unscrew the drive shaft nut by placing pressure on the head of the drive shaft screw with one finger and screwing the nut off with your other hand.



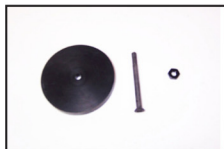
Step 3

Remove the propeller from the drive shaft and the drive shaft screw.



Step 4

Remove the magnet and the drive shaft screw from the wet frame keeping the plastic washer. If the drive shaft and the ceramic bearing come out just place them back in their space making sure the top of the ceramic bearing is flush with the top of the wet frame.



Step 5

You have received the coated magnet and the polymer drive shaft nut and screw.



Step 6

Insert your new screw into the new magnet, then slide the plastic washer over the screw so it is resting directly on the magnet.



Step 7

Insert the assembled screw, magnet and washer into the wet frame while making sure the drive shaft and ceramic bearing are in place.



Step 8

Now slide the propeller over the top of the drive shaft screw so that it rests tightly up against the drive shaft. After doing so screw on the polymer drive shaft nut while applying pressure to the head of the drive shaft screw and the magnet.



Step 9

Finish the installation by placing the nozzle over the assembly and pushing down and to the right, once it is locked into place you have completed the process.



Troubleshooting

There are a few reasons that your pump might not be spinning properly after you complete the upgrade. First make sure that you have included the plastic washer in between the magnet and the wet frame, also make sure that the ceramic bearing sits flush against the top of the wet frame in its designated spot.