

# Replacement Cord Attachment Instructions

## PARTS INCLUDED

- Replacement Cord with Cord Nut (length varies) (1)
- Silicone Dielectric Compound (1 packet)
- Quick Disconnect and Strain Relief (attached only on 12 & 10 Gauge cords)

## TOOLS & SUPPLIES NEEDED

- 1 1/4" Wrench with 3/8" Drive
  - Nylon tie (for 16 and 14 gauge cords only)
  - 9/16" Socket and Ratchet
  - Phillips Head Screw Driver
  - Adjustable Crescent Wrench
- May need the following to remove Fountain Parts or Float:
- Flat Blade Screw Driver

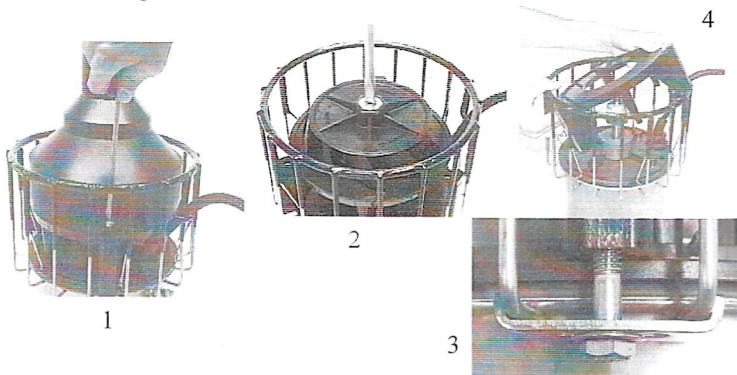
### STEP ONE

Remove the unplugged unit from the water and float. Working on a clean, dry, flat surface is best. If you are replacing a cord on an Aerating Fountain model, you must follow the rest of STEP ONE for your model. If not, you can skip to step two.

If a VFX or 3400JF model, you must first remove the Black VX Tube by removing the retaining clips and screws that hold each leg.

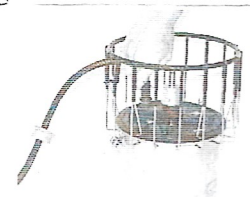
If a 1400JF model, you must remove the Pump Housing by removing the retaining clips and 1/4-20 x 1 3/4" bolts.

If an 8400JF model, you must remove the Cone Assembly by removing the 3 Fillister Head Screws. You then must remove the impeller by twisting it off of the shaft (notice markings of direction on the impeller). Finally, you must remove the Base Plate by removing the three Hold Down Brackets that hold the three legs to the Cage assembly. When done, pull the base plate out of the Cage.



### STEP TWO

Remove the old cord by loosening the Cord Nut with the 1 1/4" Wrench with 3/8" drive. Once the Cord Nut is loose, pull the cord straight up out of the Motor Top (it is extremely important to pull straight up). You can clean any sealing residue from the previous cord.



### STEP THREE

Open the Silicone Dielectric Compound at the tab. Squeeze approximately 2/3 of the packet into the pin socket on the Motor Top.



### STEP FOUR

Visually align the three pins in the pin socket with the three openings in the cord boot. Install the cord by pushing straight down onto the pins. DO NOT TWIST. Cord is fully seated when the collar on the cord boot sits on top of the pin socket with no gap. Some silicone will leak out around the cord. This is normal and can be wiped off.



### STEP FIVE

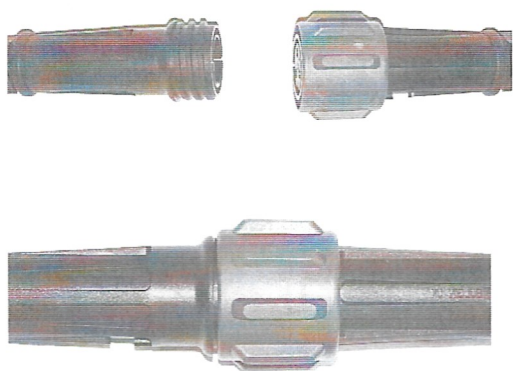
Thread the Cord Nut onto the pin socket and tighten with the 1 1/4" Wrench with 3/8" Drive. When fully tight, there should be a small gap between the Cord Nut and Motor Top. DO NOT OVER TIGHTEN, YOU CAN CRACK THE CORD NUT.

**STEP SIX (For Aerating Fountain models only)**

If you removed parts from an Aerating Fountain model, you can now replace those in the same order as you removed them.

**STEP SEVEN (For 12 and 10 gauge cords only)**

If your new cord is 12 or 10 gauge, you will have a quick disconnect and strain relief. Attach the two halves of the quick disconnect by pushing the aligned pieces together and hand tightening the blue collar. There will be a gap



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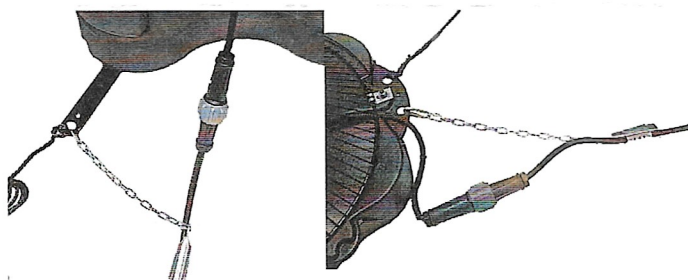
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**STEP EIGHT (For 12 and 10 gauge cords only)**

The metal strain relief chain on the 12 or 10 gauge cord can now be attached to the float on the float bracket or near the cord tie as shown.



**STEP NINE (For 16 and 14 gauge cords only)**

On 16 and 14 gauge cords, no metal strain relief is provided. However, you can use a nylon tie to secure the cord away from the propeller in the same fashion as above.