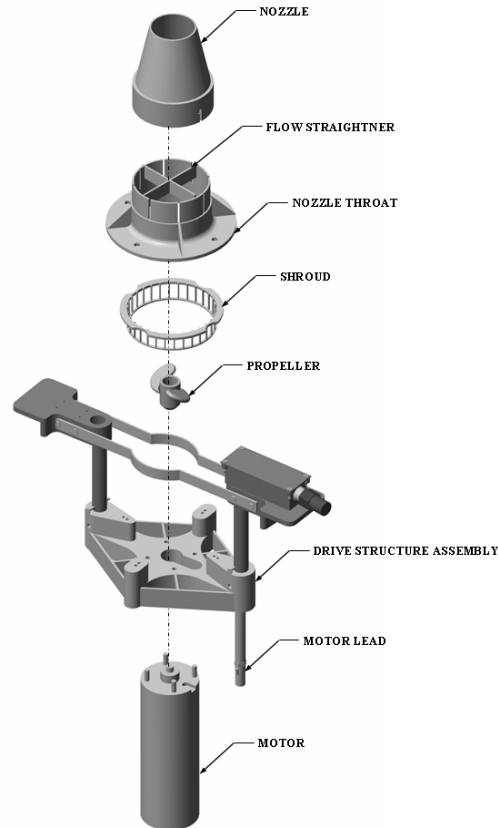




## PROPELLER PUMP PROPELLER REPLACEMENT



**!WARNING: RISK OF ELECTRIC SHOCK, DISCONNECT POWER PRIOR TO SERVICING**

STEP 1 Place the fountain upright with the motor resting on a stable surface. CAUTION: Do not allow the unit to fall over as damage may occur.

STEP 2 Remove the nozzle by removing the hex head screws located around the nozzle. Lift nozzle upward off the nozzle throat.

STEP 3 Remove the nozzle throat from the motor mount by removing the four (4) hex head machine screws.

STEP 4 Remove the propeller shroud from the motor mount, and set aside.

STEP 5 Remove the original propeller by pulling upward on the propeller. The hub of the propeller is “splined” to engage the splined shaft of the motor. The force to disengage the propeller from the motor shaft may require the use of a flat bladed screwdriver positioned with the flat of the blade just under the hub of the propeller. Using one of the motor studs as a fulcrum point, exert downward pressure on the handle of the screwdriver to assist in the removal of a tightly fitting propeller. NOTE: No set screws or pins are used to retain propeller to shaft.

STEP 6 Remove the old rubber shaft slinger and washer from the motor shaft. Clean motor shaft and around the motor seal.

STEP 7 Install new spline washer over motor shaft and install new rubber shaft slinger with large end down.

STEP 8 Install the new propeller to the motor by aligning the splines of the propeller and motor shaft. Push the propeller downward onto the motor shaft. The propeller hub will conform to the rubber shaft slinger creating a seal to the propeller. Do not drive the propeller onto the motor shaft as this will damage the propeller and the motor.

STEP 9 Reinstall or replace the propeller shroud, throat, nozzle, nozzle throat and flow straightner.