



# Halcyon® Booster Pump Seal Replacement Instructions

Polaris recommends that the seal plate o-ring (part # P85) be replaced whenever the pump seal is replaced.

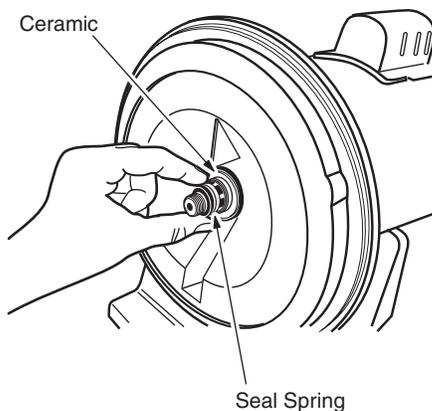
## ⚠ WARNING

### ELECTRICAL SHOCK HAZARD

Turn off all switches and the main breaker in the Halcyon pump electrical circuit before starting the procedure. Failure to comply may cause a shock hazard, resulting in severe personal injury or death.

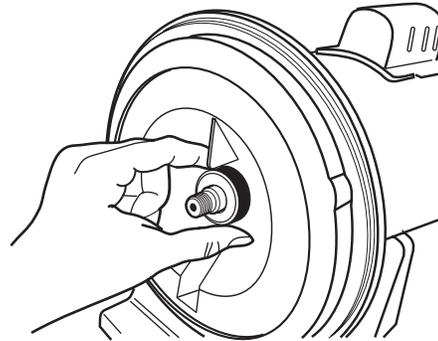
## Removing the Old Seal

1. Turn off power to the pump and disconnect plumbing.
2. Remove the band clamp that secures the volute and lift off the volute.
3. Remove the seal plate o-ring.
4. Rotate the shaft cover at the back of the motor counter-clockwise about 1/4 turn and remove it.
5. While holding the shaft with a 1/2" wrench, spin off the impeller.
6. Twist and pull the seal spring off of the shaft. Then use a flat-blade screwdriver to pry the ceramic out.

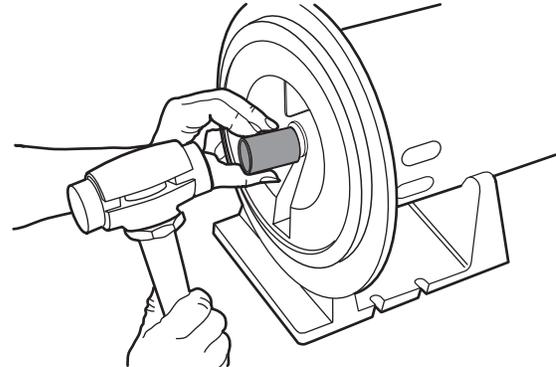


## Installing the New Seal

1. Without touching the white part of the ceramic, coat the rubber boot with a thin layer of o-ring lubricant.
2. With the white facing out, carefully slide the ceramic onto the shaft.



Use a 1/2" PVC coupling to tap the ceramic into place.



3. Moisten the seal spring (do not lubricate), slide it onto the shaft (lettering facing out), and press it in until it seats against the ceramic face.
4. Holding the shaft with the wrench, replace the impeller and hand tighten.
5. Lubricate and install the seal plate o-ring.
6. Position volute and secure with band clamp. Lubricate band clamp threads if necessary to ease tightening.
7. Reconnect plumbing, power up the pump and test for leaks.