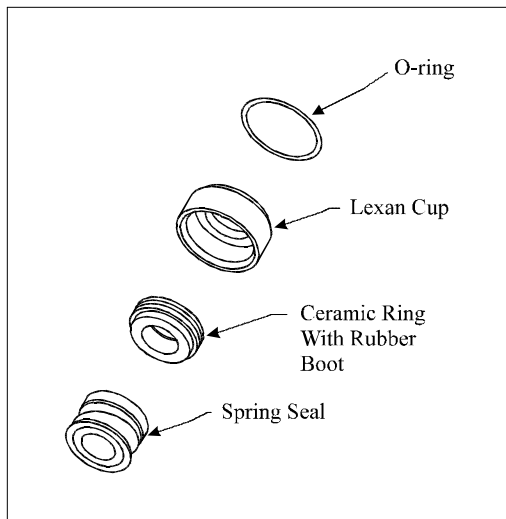


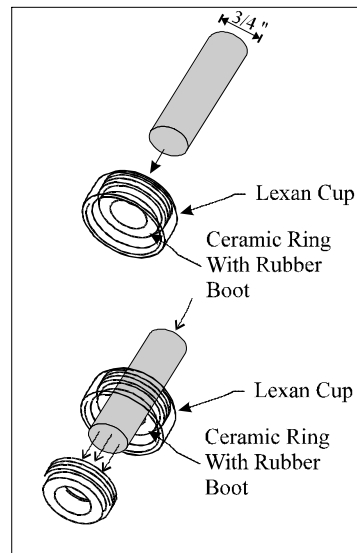
**Some pump models do not require the use of the Lexan cup.  
If the shaft seal which you are replacing does not use the  
Lexan cup, remove the Lexan cup according to the following  
instructions.**

## REMOVING THE LEXAN CUP FROM THE SHAFT SEAL ASSEMBLY

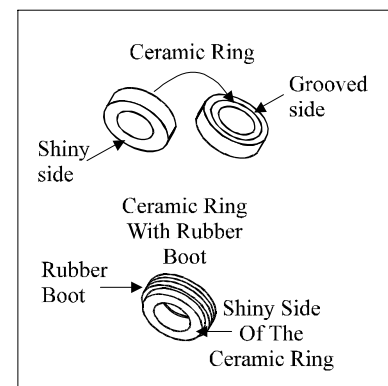


**Figure 1**

*Exploded View of the Shaft Seal Assembly*



**Figure 2**



**Figure 3**

**NOTE:** Do not attempt to “pry” off the cup by using a screwdriver or other object which may damage or break the ceramic ring.

1. Refer to Figure 2. Use your fingers, or an object with a  $\frac{3}{4}$ ” diameter to push the ceramic ring and rubber boot out of the lexan cup.

**WARNING:** If the ceramic ring is scratched the shaft seal will leak.

**Note:** The rubber boot may not come out with the ceramic disk.

2. If the rubber boot does not come out with the ceramic ring, use your fingers to pull the rubber boot out of the Lexan cup.
3. Refer to Figure 3. The ceramic ring has two different sides. One side is grooved and the other is shiny. Make sure that the grooved side of the ceramic ring is inserted into the boot. The shiny side should remain exposed.
4. Push the ceramic ring firmly into the boot to ensure that it is completely seated.