



Smooth Bore Water Mizer[™] Split Design

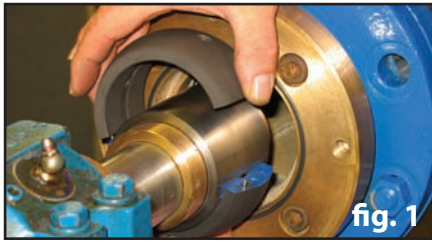


fig. 1



fig. 2



fig. 3



fig. 4



fig. 5



fig. 6

- 1- Separate the component halves. Take care not to mar the mating surfaces. *Do not pry the halves apart with a screw driver.*
- 2- Apply a thin layer of RTV to one side of the throttle assembly. Set the throttle assembly centered over the shaft. [fig. 1] Join together with supplied cap screws. Wipe off the excess RTV.
- 3- Apply a thin layer of RTV to one side of the stator. Set the stator centered around the throttle assembly with pins facing away from the vessel. [fig. 2] Place the anti-rotation cap screws inside the drilled holes in the throttle. Join together with supplied cap screws. Wipe off the excess RTV.
- 4- Apply a thin layer of RTV to one side of the flange portion. Set the flange portion centered around the stator. [fig. 3] Join together with supplied cap screws. Wipe off excess RTV.
- 5- Apply a thin layer of RTV to one side of the cap. Set the cap centered around the shaft. [fig. 4] Join together with supplied cap screws. Wipe off excess RTV.
- 6- Assemble the cap to the Water Mizer[™] by locating inside holes over the pins. [fig. 5] Join the cap to the flange using supplied cap screws. Ensure orientation of pipe taps.
- 7- Bolt the Smooth Bore Water Mizer[™] to the vessel loosely. Center the seal concentric to the shaft using the three supplied allen wrenches as gauges. [fig. 6]
- 8- Tighten the bolts to the vessel. Plumb a 1/2" water line to the seal.
- 9- Apply a thin layer of RTV to one side of the water catcher halve. The "wafer" has only one cut in it. Carefully install it over the shaft and assemble the bronze water catcher halves working the "wafer" into the wafer grooves. Place the drain in the 6:00 down position.
- 10- Maintain 3-5 psi over product head.
- 11- Individual applications necessitate variations on this procedure. If you have any questions please contact your Inpro/Seal Representative.

