



Smooth Bore Air 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 Air 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 Air 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" air line to the seal.
- 9- Individual applications necessitate variations on this procedure. If you have any questions please contact your Inpro/Seal Representative.

