



INSTRUCTIONS FOR MEASURING THE BEAD BED IN A PROPELLER WASH BEAD FILTER

Construct Bead Measuring Stick

- 1) Screw a 3 inch x 3 inch piece of plywood to the bottom of a ½" x 3' wooden dowel. This stick will be used to measure the depth of the bead bed.

Removing the PBF Head

- 1) Drain about 1/8 of the water from the filter.
- 2) Remove the motor from the head of the filter.
- 3) Remove the ½" bolts that attach the head to the filter body.
- 4) Carefully remove the head of the filter.

Note: Do not carry the filter head by the shaft it may bend.

Measuring the Beads

- 1) Carefully refill the filter until the bead bed is flush with the flange at the top of the filter. Lay a level or straight edge across the flange.
- 2) Insert the bead measuring stick (plywood down) into the bead bed. Push the stick down into the bead bed until you feel it break out of the bottom of the bed or hit the internal plumbing of the filter. Move the stick slightly to the side. Slowly pull the stick up until you feel the bottom of the bead bed.
- 3) Mark a line on the stick using the level or straight edge at the top of the flange.
- 4) Drain the water in the filter down 5 inches so the beads do not spill out the top of the flange when removing the stick.
- 5) Pull the bead measuring stick out of the bead bed.
- 6) Using a tape measure, measure the distance on the bead measuring stick between the mark and the top of the small piece of plywood. This measurement equals the depth of the bead bed.
- 7) Once the depth of the bead bed is known call AST ((504) 837-5575 or (800) 939-3659) and we will help you determine if you need to add beads to your filter.