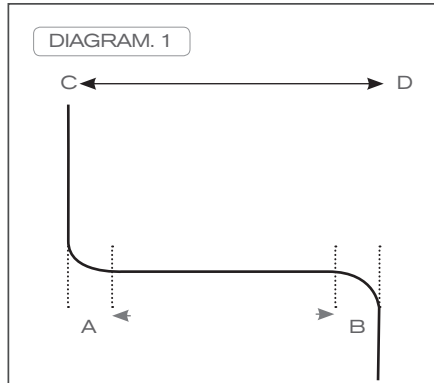




## VANTAGE BULKHEAD NOZZLE KIT INSTALLATION GUIDE:

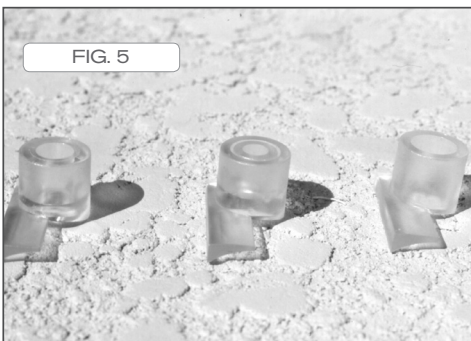
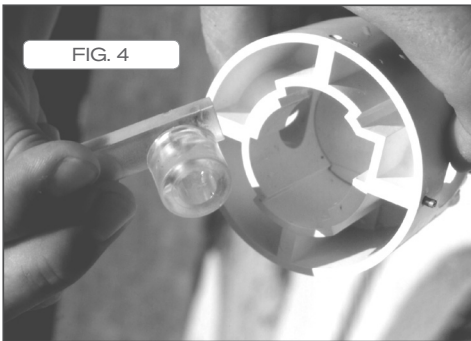
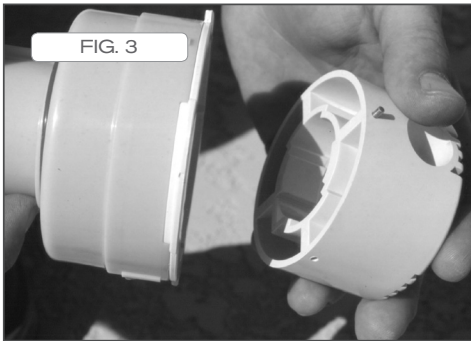
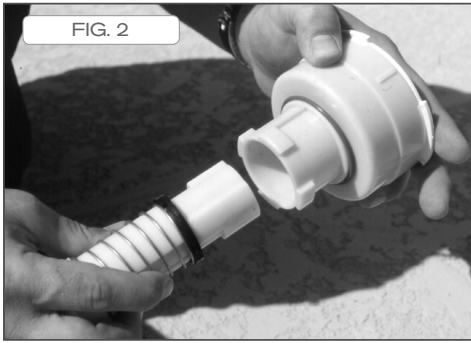


**CAUTION!! BEFORE PROCEEDING WITH THE INSTALLATION, BE SURE TO INSPECT THE UNDERSIDE AREA WHERE THE SINGLE HEAD KIT IS TO BE INSTALLED. YOU MUST HAVE A REASONABLY FLAT SURFACE TO WORK WITH THAT IS AT LEAST 7 INCHES IN DIAMETER. ALSO, MAKE SURE THAT YOU WILL HAVE CLEARANCE FOR A WRENCH WHEN TIGHTENING THE BULKHEAD NUT.**

1. Mark the position of the bulkhead to be installed on the interior of the pool according to the Paramount Vantage System layout.

If you are installing on a step or bench, go to step #2. If you are installing a floor nozzle, skip step #2 and proceed to step #3.

2. To position the bulkhead at the appropriate depth on the step or bench find the center point between the upper and lower step risers (Points C & D) using **DIAGRAM 1** as a guide. Mark the center between your A & B points making sure you have at least 8 inches between the A & B points (make sure you have read the caution before proceeding).
3. Drill a 1/4 inch pilot hole on the interior of the pool at each marked location.
4. Using a 4 1/2 inch diamond or carbide hole saw, drill a hole at each pilot hole from the interior of the pool.
5. Prep the backside surface around the 4 1/2 inch hole maintaining a consistent thickness to ensure proper sealing of the bulkhead.
6. Clean off surface of the pool. Before placing the gasket (ribbed side facing the flange) on the bulkhead. Run a bead of silicone sealant on both sides of the gasket.



7. Place the bulkhead with the gasket through the 4 1/2 inch hole. Holding the bulkhead in place from the inside of the pool, run a bead of silicone around the bulkhead from the underside of the pool. Run a bead of silicone around the flange of the bulkhead nut and place the gasket ribbed side facing the nut flange. Tighten the nut to the bulkhead securely taking care to not over tighten and cause the gasket to extrude.
8. Snap the color trim ring in place on the top of the body. (If you have to remove the color trim ring for any reason, remove from the inside of the flange)
9. Once the pool is plumbed, blow out the lines by turning on the pump that feeds the system water valve. Make sure the water valve module is in place.
10. Consult the Paramount system plan specific to the pool model and size you are installing. Change the nozzle insert size according to the plan.
11. The nozzles come set up with the 3/4 inch opening and a 1/2 inch insert.
12. If the nozzle calls for a 1/2 inch insert, simply remove the stem (as describe in step number 13) and reinstall it with the opening at the top of the stem facing the 1/2 inch insert.
13. To change the insert size to 3/8 inch, 1/4 inch or 1/8 inch, hold the nozzle upside down and grab the stem (**FIG 1**) turn it counter-clockwise and pull the stem out. (**FIG 2**) Holding the retainer upside down will allow the nozzle to move out of the retainer. Push the nozzle back into the retainer repeatedly until the nozzle falls out of the retainer. This occurs when the pins of the nozzle are aligned with the installation groves in the retainer. (**FIG 3**) Hold the nozzle and remove the 1/2 inch insert by pushing it from the outside of the nozzle. (**FIG 4**) Install the correct size insert per the Paramount plan and reassemble the nozzle making sure that the opening in the top of the stem aligns with the insert.
14. Install the nozzles in the locations indicated on the Paramount plan. Snap the nozzle tool (part number 004-602-5440-00) over the nozzle insert it in the bulkhead fitting and turning it counter clockwise to lock in place.