

Vantage Body Installation INSTRUCTIONS

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IMPORTANT:

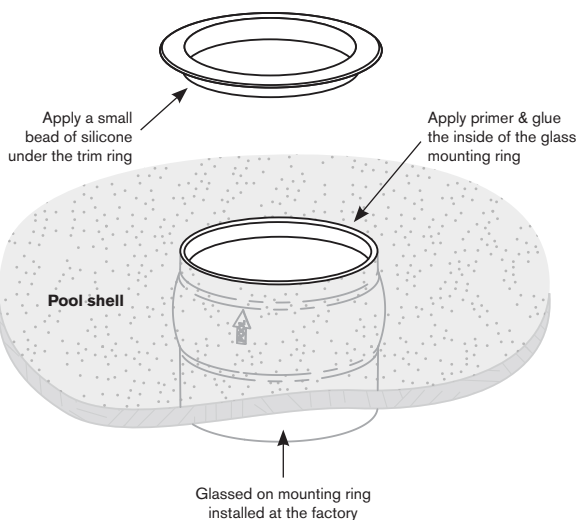
BODY INSTALLATION MUST BE COMPLETED 24 HOURS BEFORE SETTING THE POOL SHELL IN THE GROUND

Step1: Remove the red construction cap from the glass in mounting ring.

Step 2: Installing the colored trim ring

Always install the trim ring first to ensure proper alignment of the nozzle to the pool floor.

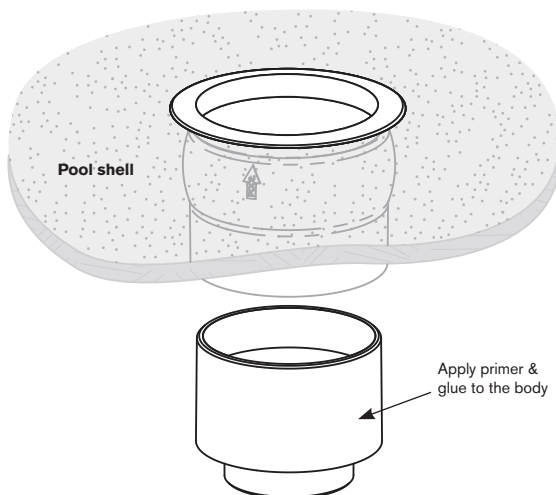
Primer the inside of the mounting ring and the mating surface of the trim ring. Apply PVC glue (using a slow drying Weldon IPS 705 or 711) to the same surfaces. A small bead of silicone sealant should also be used on the underside flange of the trim ring to seal it to the pool shell be sure the trim ring top is flush with the surface of the pool.



Step 3: Installing the body

Remove the lower red safety cap.

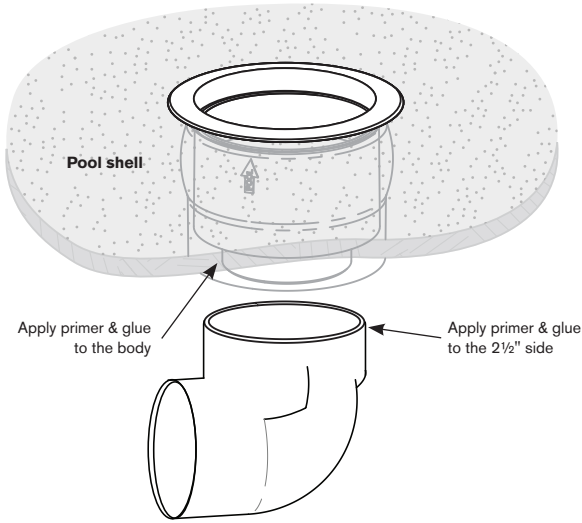
Apply primer and glue (using a slow drying Weldon IPS 705 or 711) on the mating surfaces of the body. Install glued body into the mounting ring making sure that the top or leading edge of the body makes contact with the bottom edge of the previously glued in trim ring. Failure to do so will cause a nozzle alignment issue that will negatively affect the Vantage system. Wipe away excess glue.



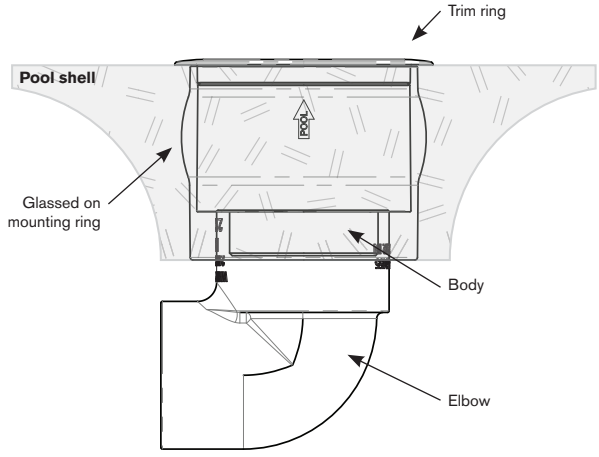
Step 4: Installing 90° elbow

Primer and glue the 2½" side of the 90° elbow and the body.

BE SURE TO POINT THE 2" (63MM) OPENING OF THE 90° ELBOW POINTING IN THE DIRECTION YOU WANT THE PLUMBING TO GO.

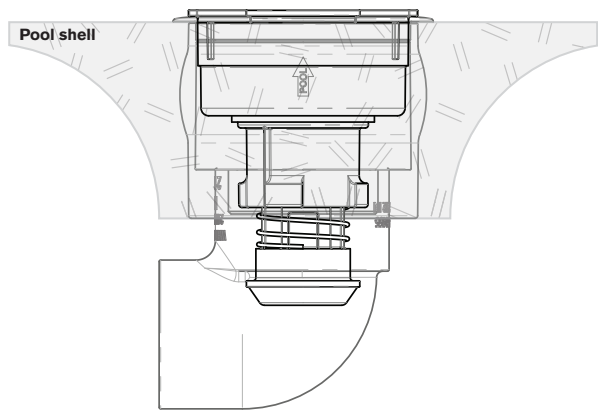


Cross section of the the Vantage body with the 2½" x 2" (63mm) 90° elbow glued into the body.



Cross section of the the Vantage nozzle in the body.

NOTE: VANTAGE FLOOR NOZZLES LOCK INTO PLACE COUNTER CLOCKWISE AND UNLOCKS CLOCKWISE.



There are two (2) types of nozzles, fixed directors and rotating cleaning nozzles.

Fixed directors do not come pre-assembled from the factory. In most cases a 1/4" jet is used. Occasionally a 3/8" or 1/2" jet is required because of the distance of nozzle location from the active drain (more than 6 1/2 ft.). Refer to pool plan for proper sizing.

The rotating nozzle comes from the factory with the opening in the nozzle shaft to the 3/4" side and 180 degrees to the opposite side is the 1/2" jet which is already installed but not open. To change to 1/4", 3/8, or 1/2" jet you must hold the nozzle upside down and remove the shaft by turning it counter clockwise to the stop and wiggle and pull it out of the cap. The cap will come out of the body by pushing it up and down till pins come out. Then put in the jet of your choice and then rotate the shaft 180 degrees and reinsert the shaft so the jet size you want is open. Always push the shaft up and down to make sure of smooth ratcheting and the correct jet opening.

NOTE: All Vantage systems operate at 50 to 55 gallons per circuit not counting the 2 fixed nozzles. Any combination of Floor nozzles of 3/4 inch = 50 gpm, 1/2 inch = 25 gpm, 3/8 inch = 12 gpm and Step nozzles 5/8 inch = 20 gpm, 3/8 inch = 10 gpm and 1/4 inch = 5 gpm, will need to add up to no more than 55 gallons per circuit.

ON POOL START-UP, REFERENCE THE SYSTEM DESIGN DETAIL SHEET FOR THE PROPER JETS REQUIRED FOR EACH ZONE. PRIOR TO INSTALLATION OF THE NOZZLES, INSTALL WATER VALVE MODULE AND START UP EQUIPMENT TO FLUSH OUT ANY REMAINING DEBRIS IN THE PLUMBING LINES.

As mentioned previously, the body is provided without the cleaning nozzle installed. Install the cleaning nozzles with a tool that snaps into your pool utility pole from outside the pool. Place the floor nozzle assembly in the body and turn counterclockwise until snug.

NOTE: If the plaster caps came off during the plaster process, check the floor body for residue before installing the body.

