

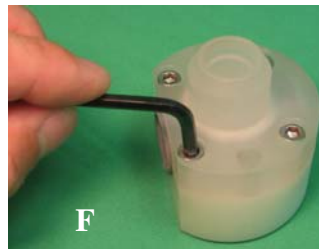
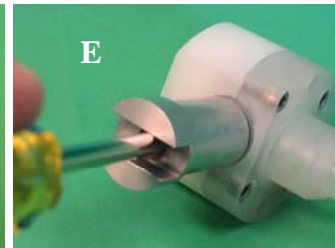
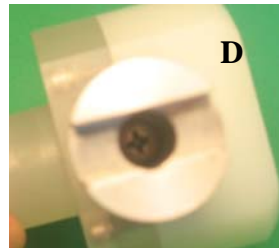
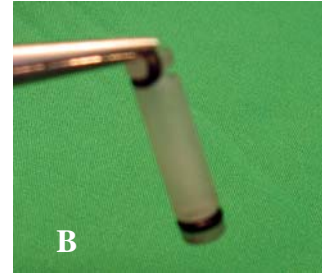
Technical Tip for Rebuilding a Water Inlet Valve for a 1000XL or 3000XL

Disassembling the Water Inlet Valve (part number 50-0471)

Tools you will need:

- Fine needle nose pliers
- 5/23" Allen Wrench
- Phillips head screw driver

1. Using the pliers, the gently pull the Solvent Rods from the valve body (Figure A).
2. If reusing the Solvent Rods, use the pliers to remove the O-rings. (Figure B). If using new Solvent Rods, skip to step 4.
3. Place a new O-ring over the end of the pliers and spread the O-ring so that end of the Solvent Rod will easily fit inside. Close the pliers and pull the O-ring and solvent rod away from the pliers (Figure C).
4. Place the Phillips head screwdriver inside the valve shaft and remove the screw that attaches the shaft to the body. (Figures D & E)
5. Remove the four screws on the valve body using a 5/32" Allen wrench (Figure F).
6. Take the valve body apart exposing the ball housing (Figure G).
7. Push the ball out of the ball housing (Figure H).
8. Replace the ball O-ring (Figure I).



9. Put the ball back into the housing
10. Reattach the shaft to the housing (Figure J).
11. Replace the Gylon Ball Gaskets (Figure K).

Important: Soak the gaskets in Hydrophilic solution (PN: 165-0712) for 2 hours before assembly.

12. Put the shaft/ball assembly into the two pieces of the valve body.
13. Replace and tighten the four screws on the valve body using a 5/32" Allen wrench (Figure F).
14. Replace the Solvent Rods
15. Replace the down tube



Parts you may need:

- Hydrophilic Solution 165-0712
- (4) Rods assembled with Solvent Rod O-rings 50-0667
- Solvent Rod O-rings 30-0544
- Ball valve O-ring: 30-0480
- Gylon Gasket for ball valve housing 02-0680

