

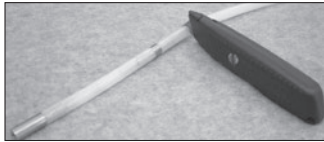
Model 408M

Tools and Materials Needed

1. Utility Knife
2. Small Piece of Sandpaper
3. Small Plumbing 'Pipe Cutter'
4. 1/2" (13 mm) Wrench
5. 9/16" (15 mm) Wrench

Instructions

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Remove the pump from the co-axial tubing

1. With the 408M pump assembly stretched out, remove the 408M Pump by cutting through the co-axial tubing at a point just above the pump's sample stem. Remove any tubing that remains on either tubing barb.
2. Shorten the pump assembly by cutting and removing the excess length of co-axial tubing. You may want to save this cut piece of co-axial tubing, to re-attach later.



Remove outer tubing, cut inner tubing on an angle and replace inner tubing on barb.

3. Using a small 'pipe cutter', at the newly cut tubing end, remove approximately 1" (2.5 cm) of the outer 3/8" dia. tubing. So as to not block water flow, cut the inner 3/16" dia. tubing on an angle as shown in the photo above. Re-attach the inner 3/16" tubing to the barbed sample stem.

Note: Use a piece of sandpaper to help push the tubing onto the tubing barb.



Loosen the compression fitting nut

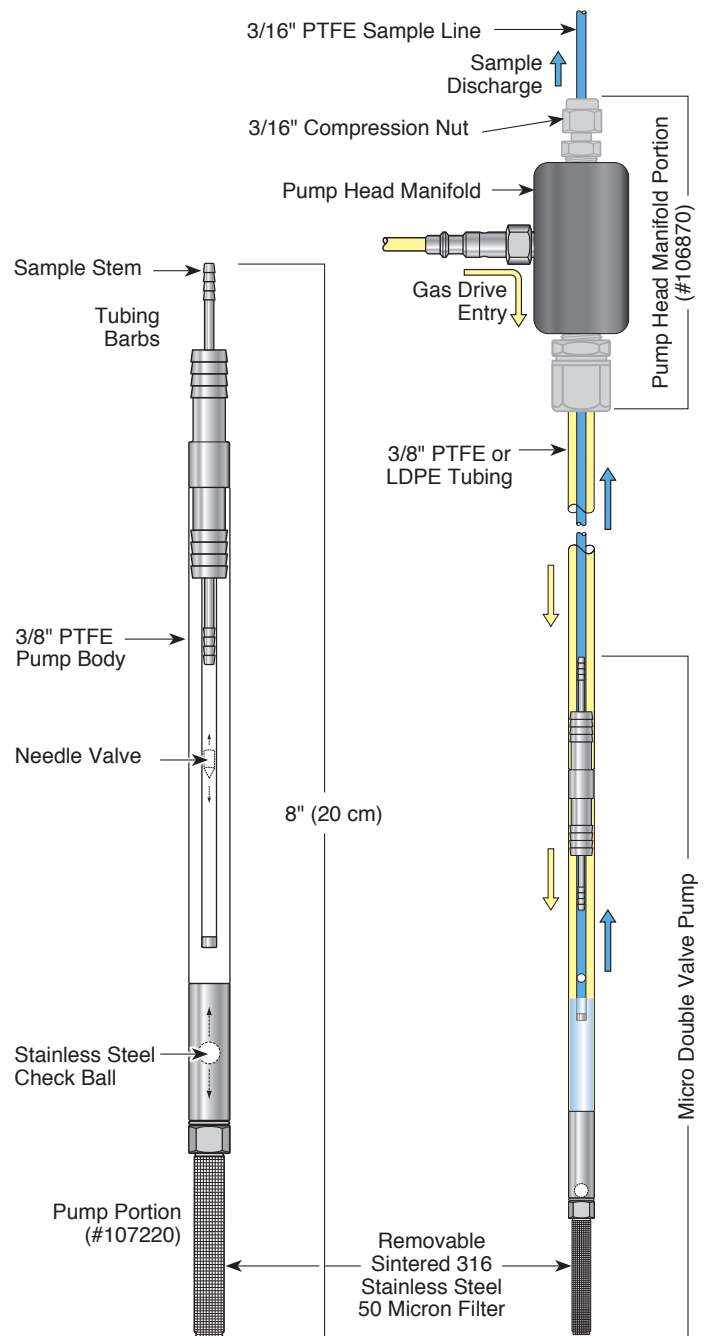
4. Use the 1/2" (13 mm) and 9/16" (15 mm) wrenches to loosen the 3/16" compression nut fitting, and pull the nut and inner ferrule back by about 1" (2.5 cm).

5. Re-attach the outer 3/8" dia. tubing to the tubing barb, by pulling down on the 3/8" dia. tubing, while pulling up on the 3/16" dia. tubing at the pump head manifold.



Re-attach outer tubing

Note: Use a piece of sandpaper to help push the tubing onto the tubing barb.



Complete Assembly with Manifold

6. Slide the 3/16" nut down and re-tighten. The 408M Pump re-assembly is now complete. See separate operating instructions.



Tighten the compression fitting nut

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