

## MILLENIUM PRODUCT QD REPLACEMENT INSTRUCTIONS

### **KIT INCLUDES:**

1. Female QD Replacement for the Millenium (3027138).
2. Male QD Replacement for Product Hose (3027139).
3. Worm gear clamp to secure Female QD in Product Hose (ME41555).

### **TOOLS REQUIRED:**

1. Small Philips Screw Driver
2. 13/16" Wrench or equivalent
3. Tube cutter
4. Flat blade screw driver or ¼" nut driver
5. Ruler or Tape Measure
6. 7/16" Wrench or equivalent

### **CAUTION:**

Disconnect power prior to servicing.

### **NOTE:**

Disinfect RO prior to placing back into service.

## **RO PRODUCT QD CHANGE**

1. Disconnect feed water QD from RO. Turn on RO inlet solenoid switch to allow pressure to bleed off. Wait a couple minutes to allow as much water to drain as possible.
2. Turn off RO switches.
3. Disconnect from power (unplug RO from wall).
4. Remove the 12 screws holding the side cover on (refer to Illustration 1).
5. Locate the Product water QD (Photo 1) and remove the red locking clip shown in photo 2.

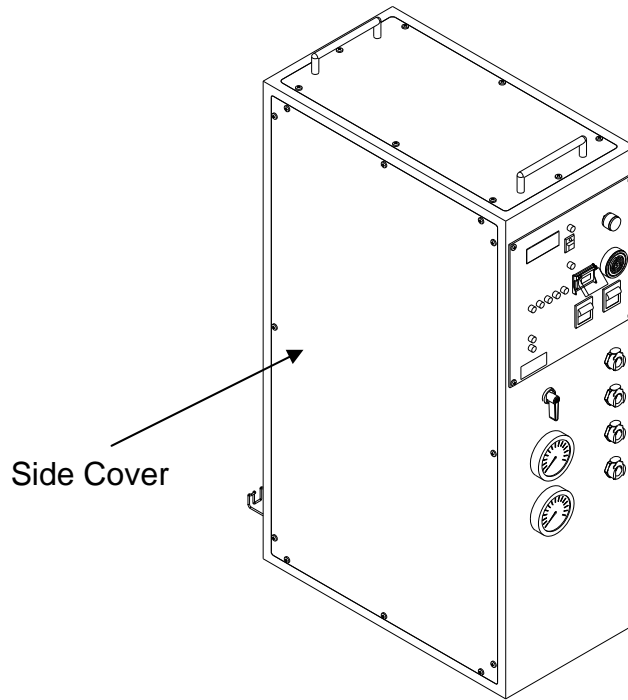


Illustration 1



Photo 1



Locking Clip

Photo 2

6. Push 1/4" green tubing towards the QD until the collar is sitting flush (refer to Illustration 2).

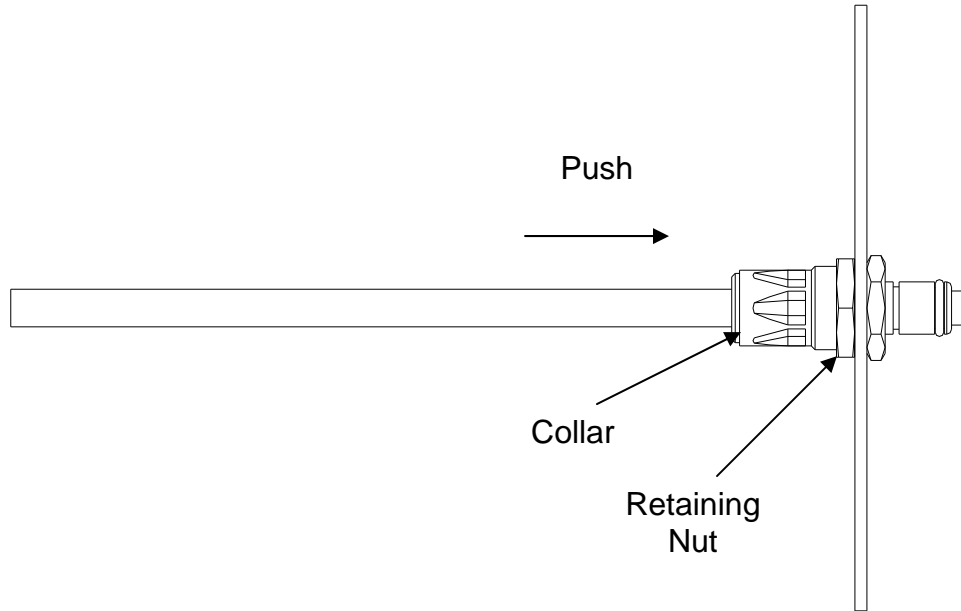


Illustration 2 (Original Male Configuration)

7. Hold collar in and pull tubing straight out of fitting.
8. Remove retaining nut and fitting from cabinet.
9. Slide the new fitting's retaining nut and tube nut onto the green tubing, refer to Photo 3.

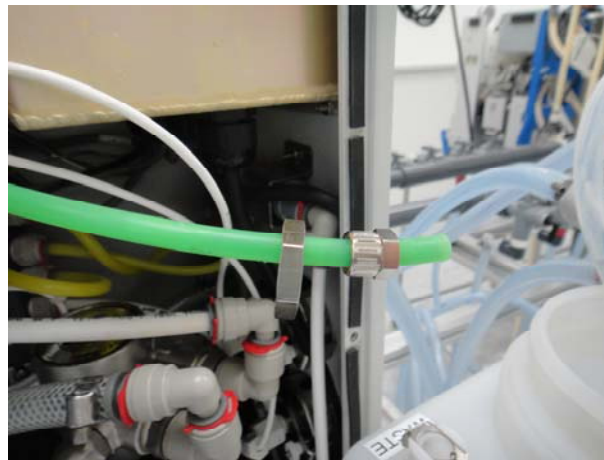


Photo 3

10. Ensure the gasket on the new fitting is installed and insert the fitting into the hole.
11. Push the green tubing onto the barb on the fitting until it is flush with the base of the barb, refer to Photo 4.



Photo 4

12. Slide the tube nut down and carefully hand tighten it onto the new fitting. Use caution to prevent cross threading of fitting. Once it is hand tight, use a 7/16" wrench and tighten ~1/2 turn more.
13. Push the new fitting securely into the hole and slide the retaining nut up the tube and start to tighten it, refer to Photo 5. Once it gets close to being tight, ensure the QD is centered in the hole and the thumb latch is at the top of the fitting. Hold it in place while finish tightening the retaining nut, refer to Photo 6.

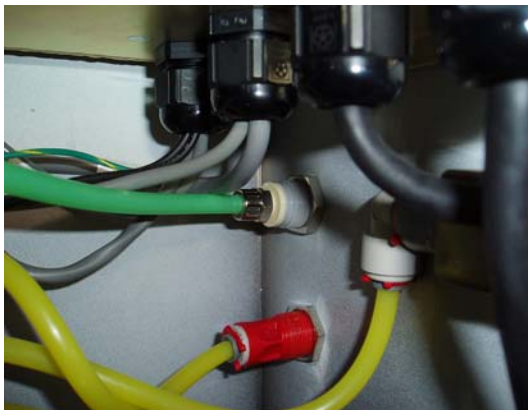


Photo 5



Photo 6

## PRODUCT HOSE QD CHANGE

1. Locate the end of the barb on the female QD in the product hose. Cut the tube. Cut should be perpendicular to the length of the tube. See Photo 7.



Photo 7

2. Slide the worm gear clamp over the hose.
3. Install the elbow QD into the product hose. The components should appear as shown in Photo 8 before the final assembly.



Photo 8

4. Slide clamp over the barb and tighten with screw driver. The final Product hose should look like the hose in Photo 9



Photo 9

5. Return power and water to RO and turn on both RO switches to allow the RO to run.
6. Check for leaks. If fitting leaks, turn off RO and tighten tube nut an additional 1/4-1/2 turn. If leak persists, repeat the removal process, trim an additional 1/4" of tubing off and re-install. If hose leaks, turn off RO and tighten worm gear clamp.
7. **DISINFECT RO FOLLOWING INSTRUCTIONS IN MANUAL BEFORE RETURNING RO TO SERVICE.**