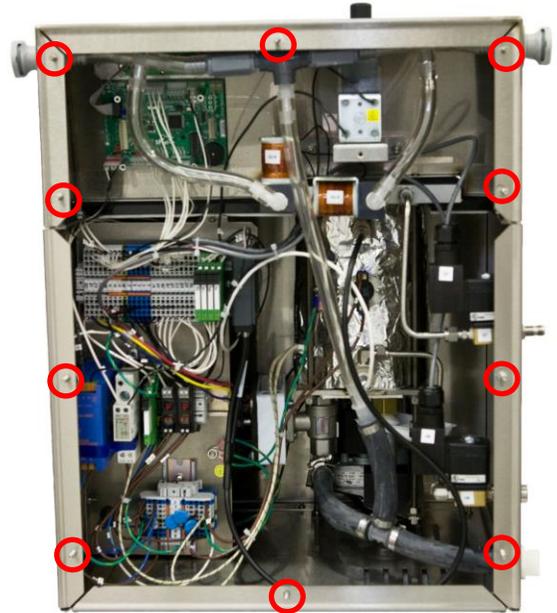


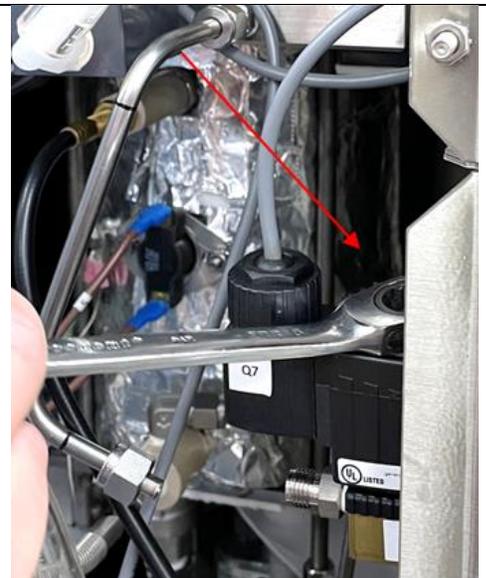
This procedure details how to perform water and vent valve replacement. To proceed to water valve replacement, skip to step 2.

1. Vent Valve Replacement

- 1.1. Power off and unplug the instrument. Remove the nuts that secure the back panel of the A2000 with a 3/8" wrench. Remove the panel.



- 1.2. Remove the black plastic cover on the valve by unscrewing the nut on top using a 9/16" wrench.



- 1.3. Let the black plastic cover hang to the side until reassembly.



- 1.4. With the 9/16" wrench, remove the vent valve tubing and detach.



- 1.5. Using a 5/8" wrench, loosen the vent valve washer.



- 1.6. Remove the old vent valve and obtain the new vent valve (Part #: A22). Position the new vent valve in place of the old one.



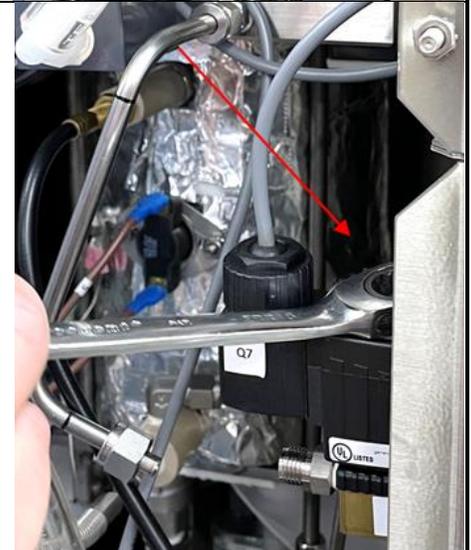
- 1.7. Using a 5/8" wrench, tighten the vent valve washer.



- 1.8. With the 9/16" wrench, reattach and tighten the vent valve tubing.



- 1.9. Reattach the black plastic cover on the valve, replace the nut, and tighten using the 9/16" wrench.



2. Water Valve Installation

- 2.1. Loosen the washer on top of the black valve cap with a 9/16" or adjustable wrench and remove. Set aside for reinstallation. Remove the cap.



- 2.2. Using the 9/16" or adjustable wrench, loosen and disconnect the pipe connected to the Q6 valve. Remove the valve from its place.



- 2.3. Remove the two screws holding the water supply valve in the place. Remove the old water supply valve.



2.4. Obtain the new water valve (Part #: A21).



2.5. Install the new water valve into place.



2.6. Replace the pipe onto the water valve and secure in place with the 9/16" or adjustable wrench.



2.7. Reattach the black cap onto the top of the water valve.



- 2.8. Reattach the washer on top of the water valve cap.
Tighten with the 9/16th wrench.



- 2.9. Reattach the panel and reinstall the nuts that secure the back panel of the A2000 with a 3/8" wrench. Plug the instrument back in and power on.

