

3X00 Aspiration Pump Replacement

Use this guide to replace the Aspiration Pump on the KinExA 3X00 instrument.

Instructions:

- If the instrument is installed in a *TC1000*, turn off the “Power” and “Temp” switches on the *Backsplash Panel* to allow the instrument to be worked on.

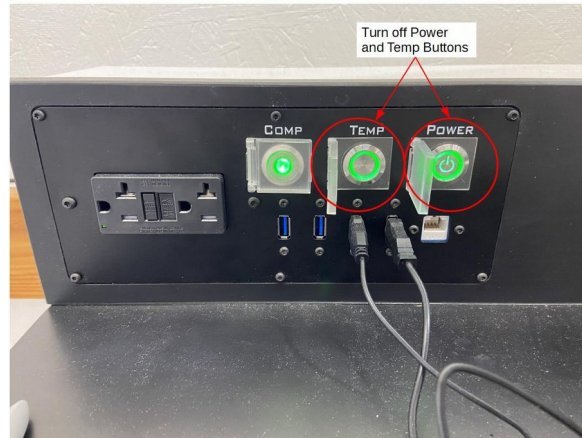


Figure 1: TC1000 Power Buttons

- Remove the tube from the hose barb on the left side of the valve on the *Pump*.
- Remove the *1/4"-28 Nut* from the right side of the valve.
- Using a *T10 Screwdriver*, remove the [4] *M3 Screws* securing the *Pump* to the instrument.
- Pull the *Pump* out of the instrument, being careful not to catch it on any of the plumbing.
- Turn the *Pump* 90° so that you can access the harness.

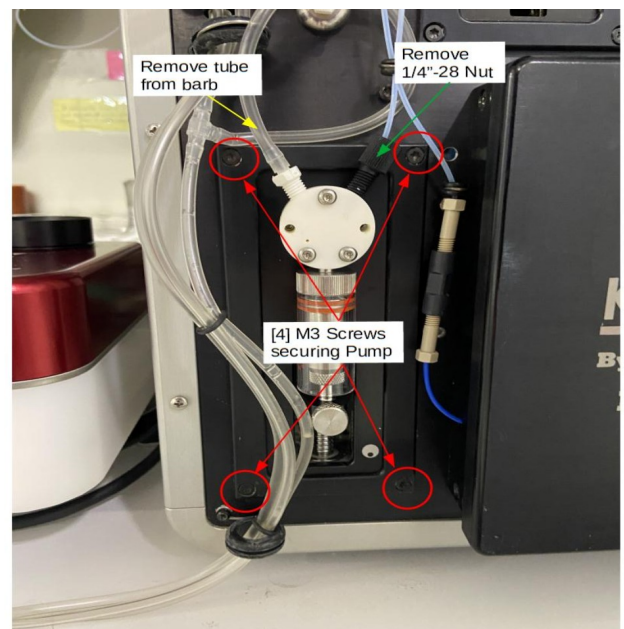


Figure 2: Pump Removal

- Using a *2mm Flat Screwdriver*, remove the **[2]** Screws securing the harness to the *Pump*.

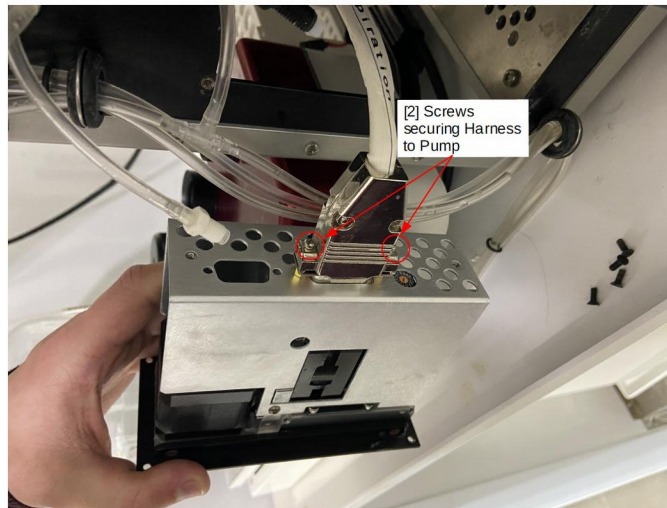


Figure 3: Harness Screws

- Make sure that the numbered dial on the back of the new *Pump* has the arrow pointing to "1". If it is not, use the *2mm Flat Screwdriver* to set it to "1".

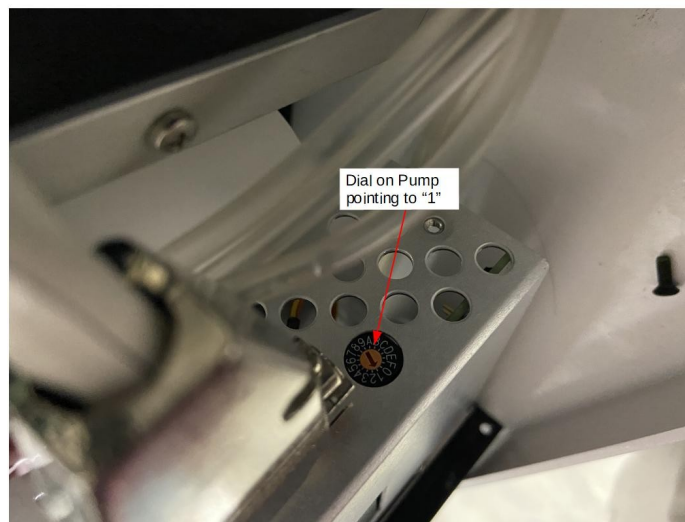


Figure 4: Pump dial orientation

- Attach the harness to the new *Pump* using the *2mm Flat Screwdriver*.
- Reinstall the *Pump* into the instrument being careful not to pinch any plumbing.
- Secure the *Pump* to the instrument using the **[4]** *M3 Screws* that were removed earlier and tighten using the *T10 Screwdriver*.