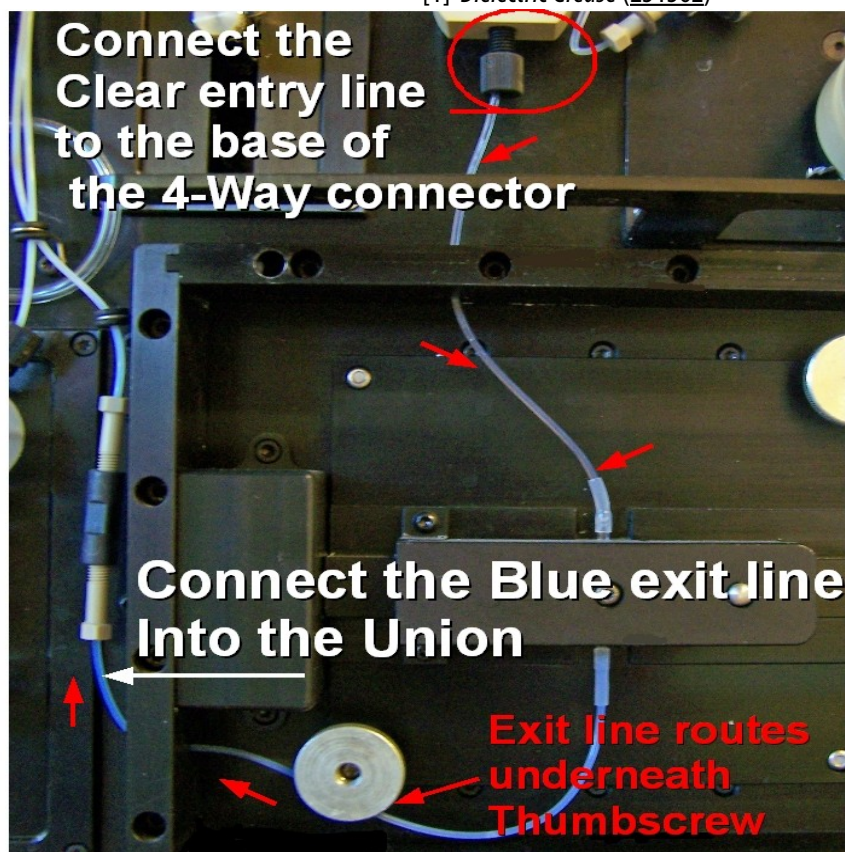


## Flow Cell, Replacement, 20 Micron, with Exit and Entry Lines

If you have not read the **General Plumbing Instructions** for replacing plumbing parts on the KinExA® please do so now before continuing.

The following **Parts and/or Tools** are required to complete this installation:

- |  |  |
|--|--|
| [1] <i>Flow Cell, Replacement, 20 Micron, with Exit and Entry Lines</i> ( <a href="#">392140</a> ) | [1] <i>1/16" Tan Ferrule</i> ( <a href="#">347116</a> )      |
| [1] <i>1/4"-28 Black Nut</i> ( <a href="#">346001</a> )  | [1] <i>1/4" Deep Socket</i> ( <a href="#">015902</a> )       |
| [1] <i>1/16" White Ferrule</i> ( <a href="#">347016</a> )  | [1] <i>15 in-oz Torque Wrench</i> ( <a href="#">024140</a> ) |
| [1] <i>10-32 Tan Nut</i> ( <a href="#">346201</a> )  | [1] <i>Dielectric Grease</i> ( <a href="#">231362</a> )      |



**Figure 1** Replacement Flow Cell routing diagram.

- Route the *Clear Entry Line* upwards through the *O-Ring* (located on the top of the *Optics Housing Frame*) and attach it to the bottom of the *4-Way Connector* using a *1/16" White Ferrule* ([347016](#)) with a *1/4"-28 Black Nut* ([346001](#)).
- Slide the *Blue Exit Line* through the *O-Ring* (located on the left side of the *Optics Housing Frame*) and connect it into the bottom of the *Union* using a *10-32 Tan Nut* ([346201](#)) and a *1/16" Tan Ferrule* ([347116](#)). Torque the *10-32 Nut* to 15 in-oz using the *1/4" Deep Socket* ([015902](#)) and the *15 in-oz Torque Wrench* ([024140](#)). **Note:** Make certain to route the *Blue Exit Line* underneath the thumbscrew as shown in **Figure 1** to avoid putting pressure on the *Flow Cell*.
- Thoroughly clean the *Grooved lens*, the *Flow Cell*, and the *Reflector Mount* with *Denatured Alcohol* and *Kimwipes*. Apply a thin layer of *Dielectric Grease* ([231362](#)) onto the *Grooved Lens* and the *Reflector Mount* before securing the *Flow Cell* with the *Retainer Clip* and attaching the *Reflector Mount*.