

Sample Common Port Connection

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] *Sample Common Port Connection* (344230)
- [1] *1/4"-28 Black Nut* (346001) **OR** [1] *1/4"-28 Headless Brown Nut* (346011)
- [1] *1/16" White Ferrule* (347016)
- [1] *10-32 Tan Nut* (346201)
- [1] *1/16" Tan Ferrule* (347116)
- [1] *1/4" Deep Socket* (015902)
- [1] *15 in-oz Torque Wrench* (024140)
- [1] *Dielectric Grease* (231362)

Important: Use the *1/4"-28 Black Nut* (346001) for any instruments that have the **original Solenoid Valves** installed (**Figure 1**). On this connection it is also important to insert the *1/16" White Ferrule* and the *1/4"-28 Black Nut* into the valve and then to remove it to insure that the flared end of the *Ferrule* is still flush with tubing. Adjust and repeat if necessary.

Use the *1/4"-28 Headless Brown Nut* (346011) for the **revised Solenoid Valves** (**Figure 2**).

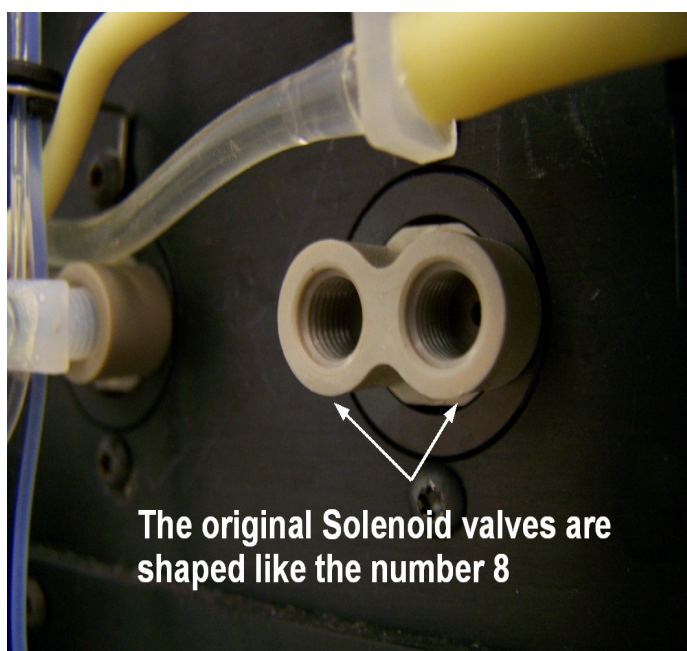


Figure 1: Original Solenoid Valve.

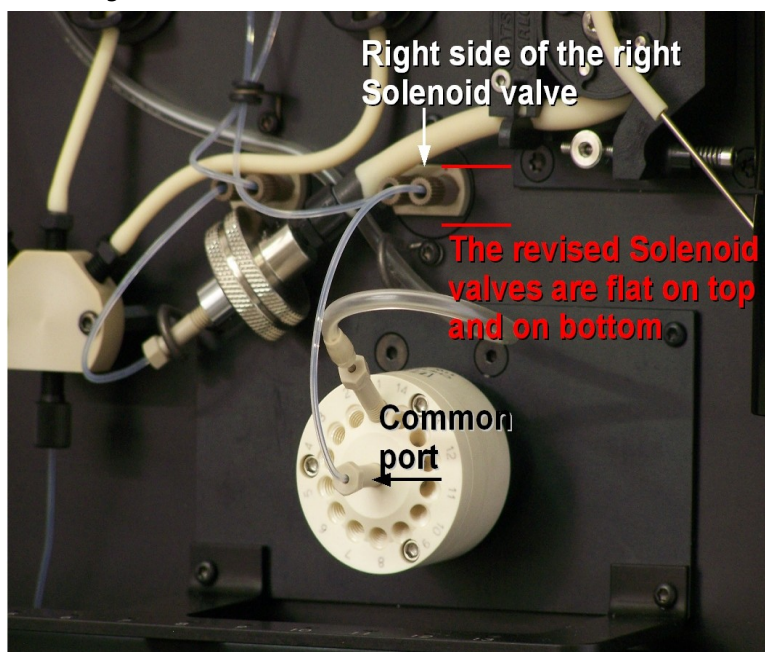


Figure 2: Revised Solenoid Valve with the Sample Common Port Connection.

- Connect the *Sample Common Port Connection* into the **right** side of the right *Solenoid Valve* using a *1/16" White Ferrule* (347016) and either the black or the brown nut (**Figure 2**).
- Insert the other end into the *Common Port* (middle) of the *14-Port Valve* using the *Dielectric Grease* (231362), a *10-32 Tan Nut* (346201), and a *1/16" Tan Ferrule* (347116). **Important:** Please refer back to the *General Plumbing Instructions* if you are unclear on how to properly apply the *Dielectric Grease* (231362). Torque the *10-32 Nut* to 15 in-oz using the *1/4" Deep Socket* (015902) and the *15 in-oz Torque Wrench* (024140).