

## SADDLE VALVE ASSEMBLY

### Installation Instructions:

1. To assemble the saddle valve to existing water source:  
Place the saddle valve over and around your existing 3/8" copper tubing. Evenly tighten the securing screws so that the saddle valve is securely fastened onto the copper tubing.

**DO NOT OVERTIGHTEN, THIS MAY CAUSE THE COPPER TUBING TO CRIMP AND REDUCE FLOW.**

2. To Mount the Female Quick Disconnect:

**YOU HAVE TWO OPTIONS.**

#### Option "A"

Take the other end of the 1/4" water tubing that comes from the saddle valve and connect it to the female quick disconnect. This is done by placing the hose coupling nut over the water tubing and placing the hose into the back of the female quick disconnect, then tightening the coupling nut.



A-44303 Saddle valve assembly  
w/female connector & tubing

#### Option "B"

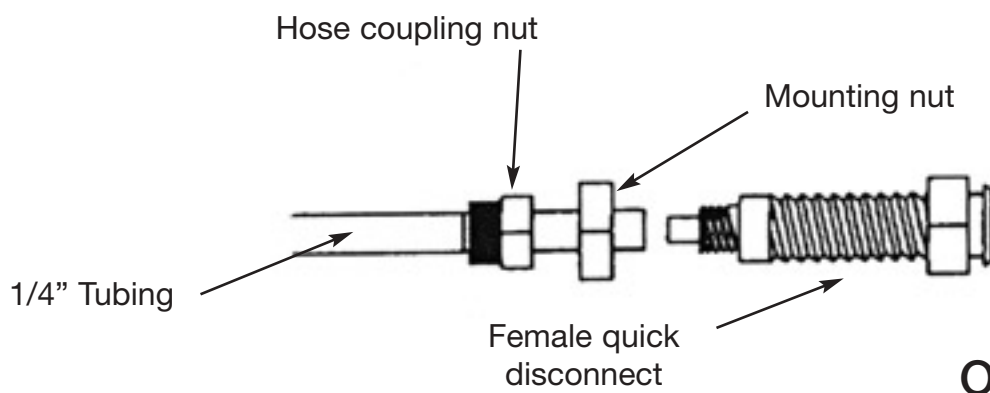
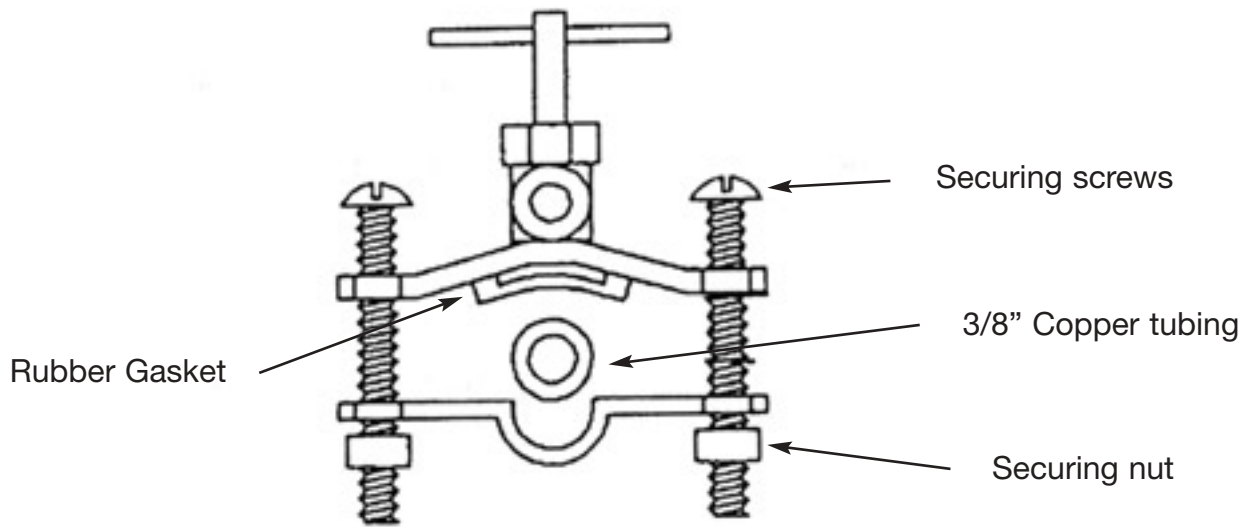
If you wish, the female quick disconnect may be mounted directly through the sink top or vanity counter. If you choose this way, you must first drill a 1/2" diameter hole through the surface in the space desired. (see Diagram "B") Then mount the female quick disconnect and tighten the mounting nut to securely hold it in place. Then proceed to place the hose coupling nut over the 1/4" water tubing. Place this tubing into the back of the female quick disconnect and tighten the hose coupling nut securely.

3. To Pierce Existing Water Tube:

You are now ready to pierce the copper tube. Turn the handle of the saddle valve in a CLOCKWISE direction until it will go no further. The Saddle valve is now installed and in the OFF position. Turn the handle of the Saddle valve counter-clockwise until resistance is felt. Water is ready to flow into the dental unit. Check for leaks.

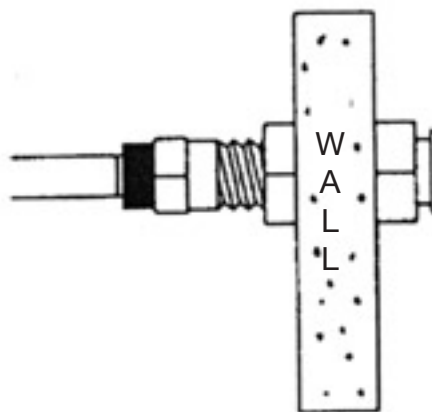
4. To Connect the Scaler to the Quick Disconnect:

Push the male quick disconnect from the scaler into the female quick disconnect until they lock and installation is complete.



**Option A**

**Option B**



Engler Engineering Corporation will not be held liable for any damage including, but not limited to leakage caused by improper installation of our products.