

Gas Demand Regulator Tubing Connector Change

The Gas Demand Regulator has a 1/8 NPT to 1/8" barb tubing adapter pre-installed when shipped directly from the supplier. This fitting must be changed to the supplied 1/8" to 1/16" barb tubing adapter to interface 1/16" ID tubing. You will need the supplied 1/8" NPT to 1/16" barb adapter and a 7/16" wrench (not supplied) (Figure 1). To remove the 1/8 NPT to 1/8" barb tubing adapter (Figure 2) use a 7/16" wrench and secure onto the fitting and rotate counter clockwise for removal (Figure 3). NOTE: Hold onto the demand regulator with one hand while the other hand operates the wrench. This prevents the demand regulator from rotating and being removed from the tank, do not apply pressure to tank, such as clamping tank into vise or other object. There is no gas pressure on this port so the tank gas (CO₂, O₂, or Nitrogen) will not leak out once the fitting has been removed. Once the 1/8 NPT to 1/8" barb fitting is removed check the threads on the gas regulator for debris such as old teflon tape, and remove any from the threaded region if necessary (Figure 4). Next take the 1/8" to 1/16" barb adapter (Figure 1) and hand start the fitting into the regulator making sure not to cross thread. Once a few threads have started use the wrench to tighten. Make the fitting snug, but do not over tighten as it can cause damage to the regulator. Once tight you are ready to attach the 1/16" ID tubing (Figure 5).



Figure 1



Figure 3



Figure 2

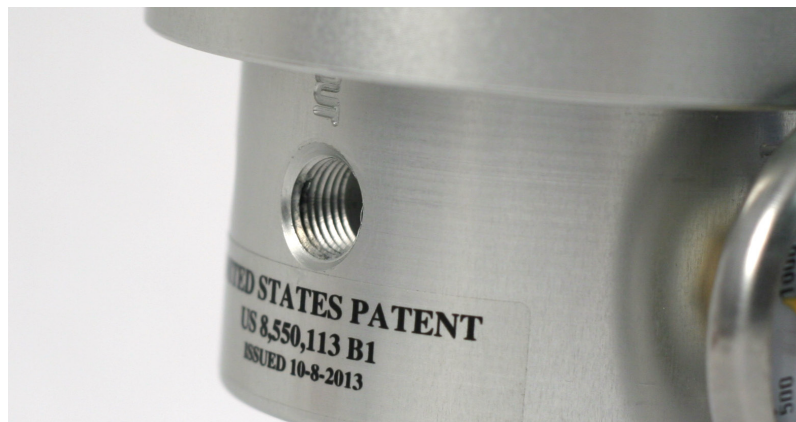


Figure 4



Figure 5