

## **Finishing Custom Hoses**

### **Parts List:**

Length of Aeroquip hose with AN-8 straight swivel fittings and Oetiker crimp-clamps installed both ends  
Two loose AN-8 straight swivel fittings  
Two loose Oetiker clamps

You will need:

one 1/2" male gas flare fitting as a holder for the swivel fittings  
vise mounted on a sturdy workbench  
clean motor oil  
pot of boiling water or a heat gun  
gloves  
Oetiker crimp tool or end nipper pliers

### **Installation:**

Included is a length of hose with AN-8 swivel fitting both ends. You can cut it to whatever lengths you need, use a hose cutter or a fresh boxcutter blade, make a clean, square cut.

Get a 1/2" male gas flare fitting you can clamp in a vise as shown below, it's a holder for the end fitting so you can push the hose onto it, it takes quite a bit of push so make sure it's held solidly.

There are also Oetiker clamps for the belt-and-suspenders approach, be sure to slip them on the hose before installing the end fitting, the clamp will not fit over the fitting afterwards!

Screw one of the loose end fittings onto the flare fitting until snug. Lube the fitting barb liberally with some clean motor oil, then heat up the cut hose end (last 3") in boiling water for several minutes.

You can use a heat gun instead, but keep the hose at least 8" away from the nozzle so you just warm the rubber without smoking it. Hold it dead-on to the heat gun so the hot air blast flows thru the hose to warm the hose liner, it should be warm enough in 45-60 seconds with the heat gun.

Once the hose is well-warmed, gripping the hot end with gloves, quickly push it onto the fitting barb all the way until the cut end is covered by the ferrule collar.

Then crimp on the Oetiker clamp, look at the ones I already did to see where to place it (about 3/16" from the ferrule).



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