

PTFE Fuel Line Assembly Instructions

1 **Cut to length**



Use our 414-900 Hose Cutter to cut the hose to length. Alternatively, wrap with electrical tape at cutting point and use a very sharp fine tooth hacksaw.

2 **Set up fitting**



Disassemble the fitting. It will consist of three parts, pictured above from left to right: the nut, ferrule, and body. Set the fitting parts up as shown.

3 **Place nut, open hole**



Slide on the nut in the direction shown. Remove tape if used during cutting. Use a round object (such as a pen or dowel) to make the inside of the line round. It can get deformed from cutting.

4 **Insert ferrule**



Push the aluminum ferrule onto the hose between the inner hose and the stainless/cloth outer braid. Make sure the ferrule is pushed on the entire way. Pressing it against a flat surface once started can help.

5 **Insert body tube**



Insert the tube from the body of the fitting into the PTFE inner tube so that the shoulder of the body fits squarely against the ferrule.

6 **Use assembly lube**



Place a drop of assembly lube onto the threads of the fitting body. The lube helps make assembly easier and keeps the threads from galling so that the fitting can be reused.

7 **Thread nut into tube, then clamp**



Pull the nut down over the outer braid and begin to thread the nut to the body by hand. Once the nut and body start to thread together, place body in aluminum vise jaws.

8 **Tighten**



Using the 414-905 Aluminum AN Adjustable Wrench, tighten the nut down onto the body until there is less than 1/16" gap between the nut and the body.