

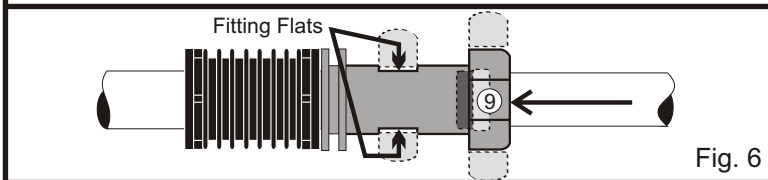
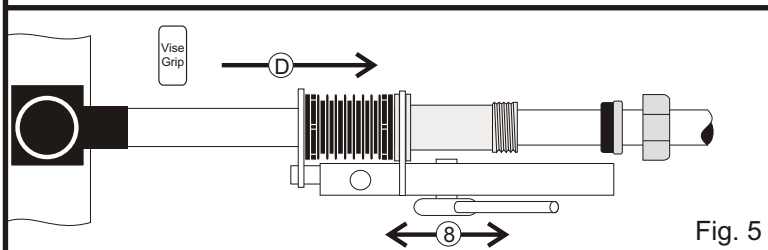
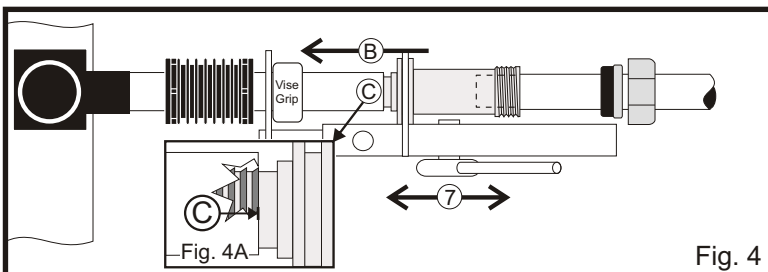
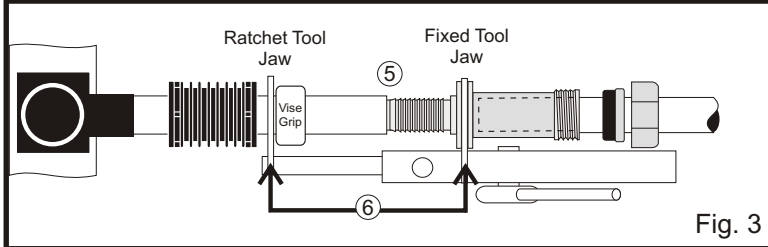
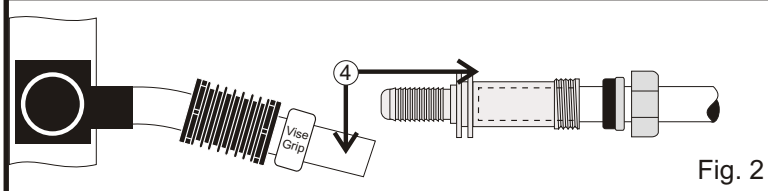
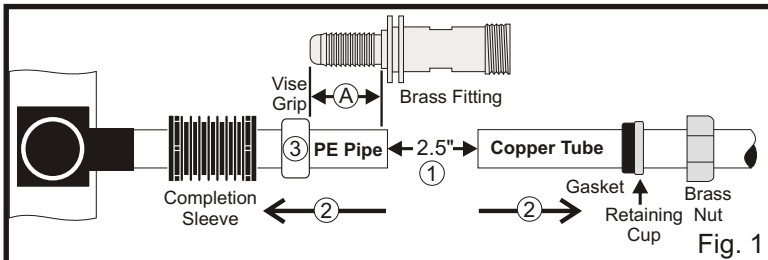
LYCOFIT® PE TO COPPER TRANSITION FITTING

For 1 CTS PE X 1 CTS Copper Tubing

INSTALLATION INSTRUCTIONS

IMPORTANT:

DO NOT apply lubricants to the spigot or compression sleeve. This fitting is to be installed on O.D. controlled PE natural/LP gas pipe only, examine pipe and fitting labels and install only to pipe with correct size and wall thickness / SDR dimensions.



1. Cut PE pipe end so that there is a 2-1/2" distance between PE pipe and copper tubing.
2. Slide completion sleeve on to PE pipe. Slide the brass nut onto the copper tubing, followed by the gasket with the retaining cup as shown in Fig. 1.
3. Clamp the vise grip jaw on PE pipe at distance "A" (shown in Fig. 1), using the spigot as a measurement guide.
4. Pull (deflect) PE pipe while sliding the Brass Fitting over the copper tube (as shown in Fig. 2).
5. With the fitting fully inserted on copper tubing, reposition the PE pipe end over the spigot's snout.
6. Open the LYCO® QRP tool by pulling the Ratchet Tool Jaw outward and position the fitting between the tool's jaws (as shown in Fig. 3). Insure that the Fixed Jaw is seated between the spigot's flanges and the Ratchet Jaw is to the outside of the vise grip jaw.
7. Operate the ratchet to advance the spigot into the PE pipe (note the direction of advancement "B" in Fig. 4). Stop spigot advancement when the end of the PE pipe covers the last barb on spigot as shown in the cutaway view Fig. 4A.
8. Remove vise grip from PE pipe and advance the completion sleeve over the PE pipe and spigot (note the direction of sleeve advancement "D" in Fig. 5). Stop sleeve advancement when the sleeve is fully inserted over the spigot.
9. Slide the gasket, retaining cup and nut into place. Tighten the brass nut by using a back up wrench on the fitting flats (as shown in Fig. 6).

Pressure test each transition after installation to comply with the minimum pipeline requirements as specified in **D.O.T. Title 49, Part 192, Sub Part-J Test Requirements.**



This Product conforms to Code of Federal Regulations Title 49 Part 192, ASTM D2513 Category 1CD, F 1924.

Registered U.S. Patents and in many other countries

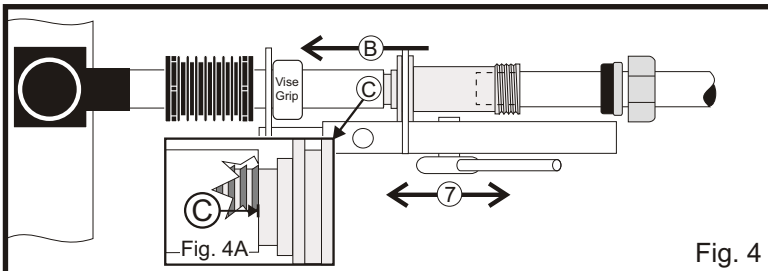


Fig. 4

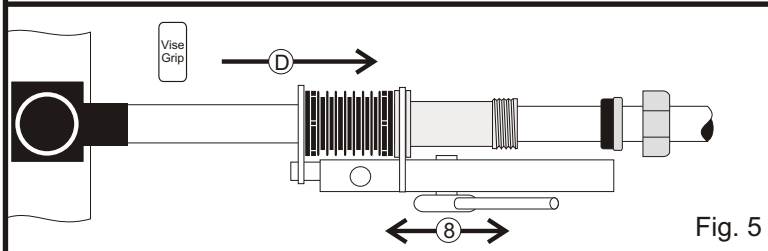


Fig. 5

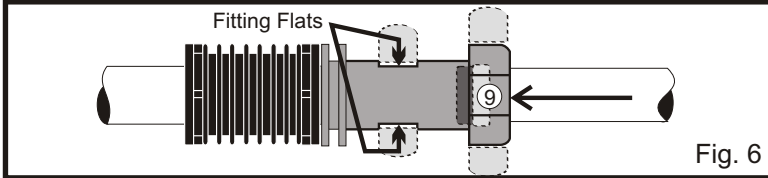


Fig. 6

7. Operate the ratchet to advance the spigot into the PE pipe (note the direction of advancement "B" in Fig. 4). Stop spigot advancement when the end of the PE pipe covers the last barb on spigot as shown in the cutaway view Fig. 4A.
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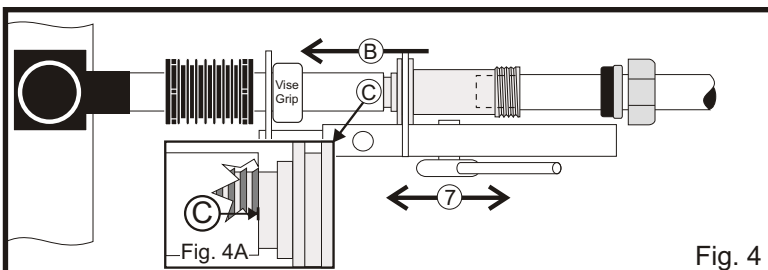


Fig. 4

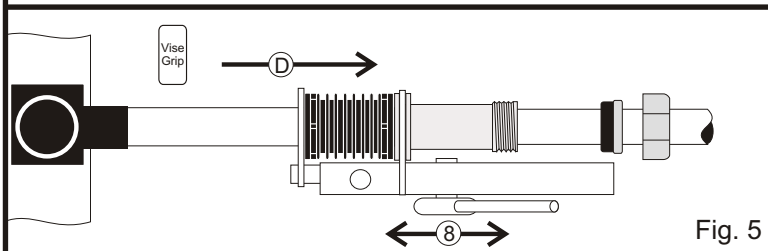


Fig. 5

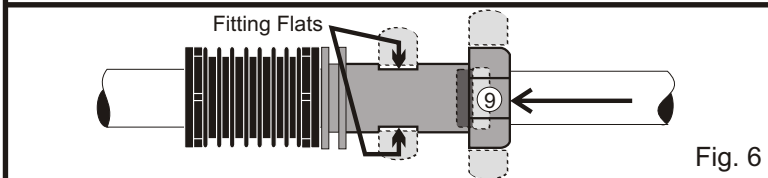


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