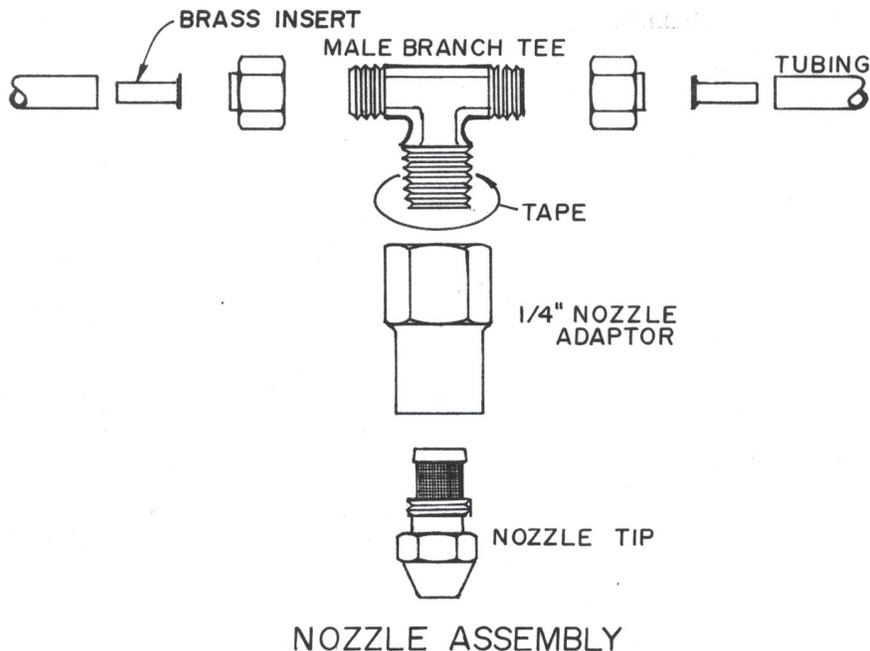


NOZZLE ASSEMBLY

Required Parts:

Male Branch Tee, 1/4" Nozzle Adapter, Nozzle Tip

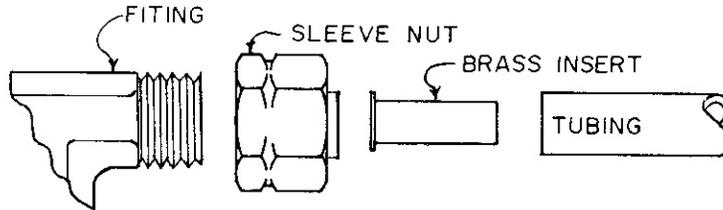


Procedure:

1. Wrap the male pipe threads on the center stem of the Male Branch Tee with teflon tape. Wrap the tape in the direction the Nozzle Adapter will be turned when screwed onto the male fitting (*if the tape is wrapped in the wrong direction, the tape will come off when screwed into the adapter*). Overlap the tape about 25%. Be certain the tape covers the beginning threads. Use this procedure for all pipe thread connections.
2. Screw the hexagonal end of the Nozzle Adapter onto the center stem of the Male Branch Tee (over the teflon tape). Do not over-torque this connection. The fitting will seat before all of the threads are covered.
3. Screw Nozzle Tip into the tubular end of the Nozzle Adapter. Finger tighten until the shoulders make contact. Finish with approximately a 1/16th turn with a wrench to seat.
4. A Male Elbow may be used in place of the Male Branch Tee, if it is necessary to dead end the tubing run.

CONNECTION OF TUBING & BRASS FITTINGS

Compress-Align Fittings



Procedure:

1. Cut the Tubing at approximately a 90 degree angle; slight variation is acceptable.
2. Slide a Brass Insert into the square-cut end of the Tubing.
3. Screw the Sleeve Nut onto one of the appropriate fittings. Tighten the Nut finger-tight until the Sleeve makes contact with the shoulder inside the fitting.
4. Pass Tubing with Brass Insert through the Sleeve Nut. Hold the Tubing against the bottom of the fitting and tighten the Nut 1 1/4 to 1 1/2 turns to seat the Sleeve into the Tubing. ***Do not*** over-torque.
5. Sleeve Nuts with Tubing attached, which have been disconnected from their former fittings and need to be re-attached again, do not need to be screwed down as tightly because the Sleeve has already been seated into the Tubing. Just screw the Nut down until the Sleeve makes contact with the shoulder and then tighten approximately 1/8th turn.