

800-600 A/C REPAIR KIT INSTRUCTIONS

This kit features new style compression fittings for fast, easy and leak free A/C line repairs. Compact installer tool design allows under hood and other restricted space repairs.

WARNING

Connectors in this kit are intended for A/C repairs only. Their use on any other type of vehicle tubing could cause failures resulting in bodily injury or death.

Tube Length Requirement

Check chart for minimum amount of straight tubing required for proper connector installation.

Tube Size	Minimum Tube Length Required
5/16	1 1/8 Min.
3/8	1 1/8 Min.
1/2	1 1/8 Min.
5/8	1 1/4 Min.
3/4	1 5/16 Min.

TOOL ASSEMBLY

Assemble the tool by sliding the appropriate size jaws into the tool body.

- A) For correct installation (see chart above), install the jaws with the rubber gripping pads facing outward (reference illustration 1).
- B) To enhance tool life, add included lubrication to threads of tool.

TOOL PREPARATION

- Clean 3/4" minimum of tube ends with abrasive cleaning pad provided. To avoid longitudinal scratches in the tube, work with a rotational motion around the tube. (reference illustration 2)
- Apply one drop of sealing compound (800-649) to the outside of each tube 1/4 inch from end. Fully insert the ends into the connector and rotate the connector a complete turn to evenly distribute the sealing compound (reference illustration 3).

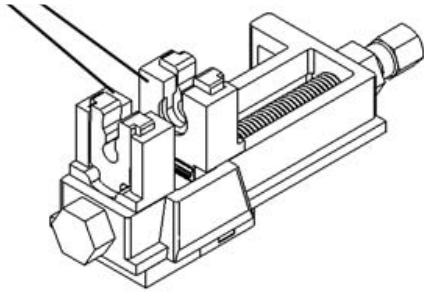
IMPORTANT
TUBES MUST BE KEPT FULLY INSERTED INTO
THE CONNECTOR TO OBTAIN A LEAK FREE JOINT

TOOL OPERATION

- Install tool over connector and tubes. Connector ends must be positioned in counter bores of the jaws (reference illustration 4).
- The tool body can be held in a vise on the flats of the body or on either end with a 3/4" (19mm) wrench. Turn the clamping screw with a 9/16" (14mm) wrench, or air tool, while holding the body of the tool. Compress the fitting by turning the screw until both of the connector collars have bottomed on the center shoulder of the connector (reference illustration 5 and 7). For best results, rotate the tool or fitting 180° multiple times during the compression process (reference illustration 6). This will ensure even compression to the fitting. Please note the specialty combinations like the 90° fitting and threaded end connector may require more rotations than straight tubing. The rotation could be as frequent as rotating the tool or fitting 180° every rotation of the screw. Once misalignment is observed, stop and rotate tool or fitting before continuing compression.
- When the fitting is compressed, loosen the clamping screw and remove the tool from the completed fitting. Inspect for complete compression (reference illustration 7).

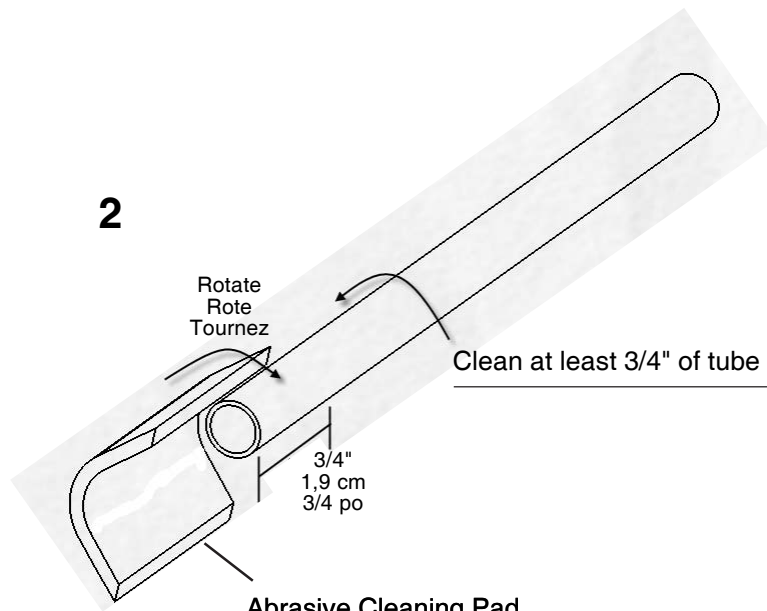
1

Metal sides of yoke face each other.



Jaw installation.

2



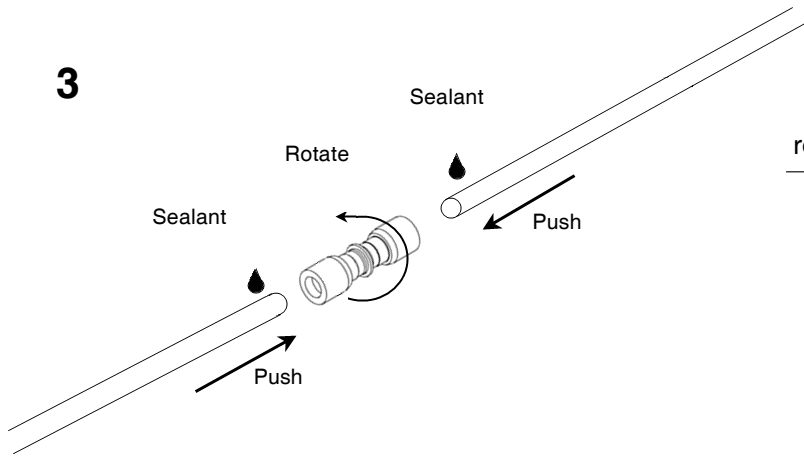
Rotate
Rote
Tournez

Clean at least 3/4" of tube end in a rotational motion.

3/4"
1,9 cm
3/4 po

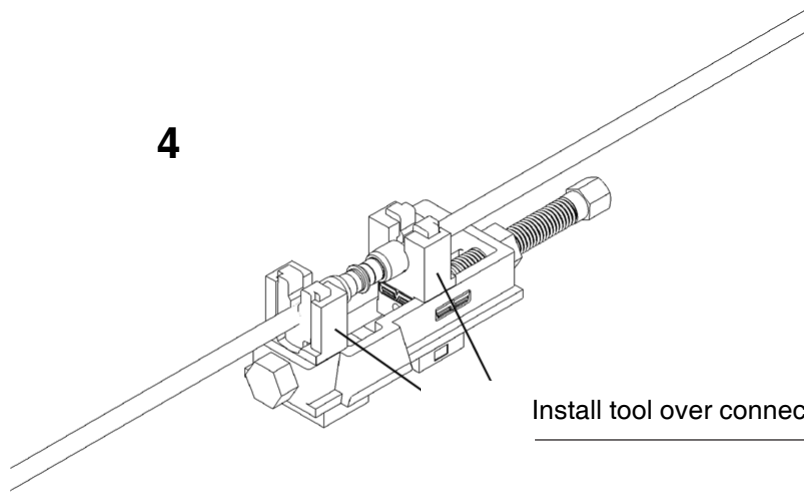
Abrasive Cleaning Pad

3



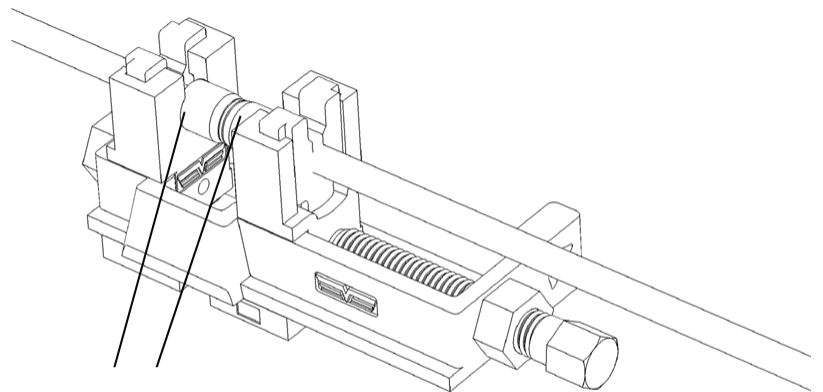
Apply sealing compound 1/4" from tube end and rotate connector to evenly distribute the compound.

4



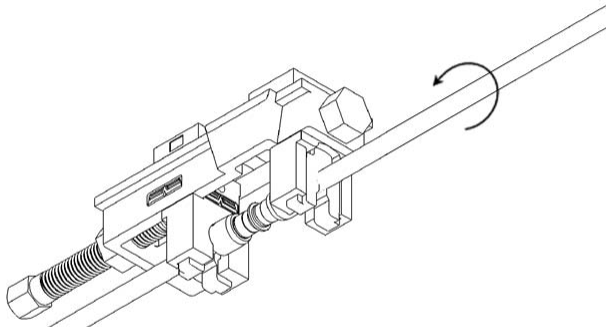
Install tool over connector and tubes.

5



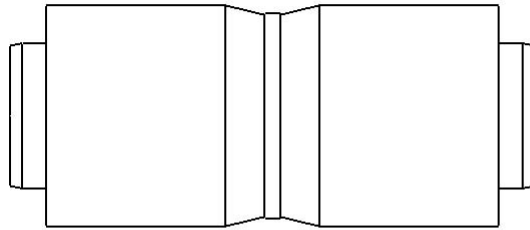
Both collars should be bottomed at the center shoulder.

6



Rotate the tool or fitting multiple times evenly throughout the installation.

7



Correct compression.