

# FORD COOLER LINE O-RING INSTALLATION KIT

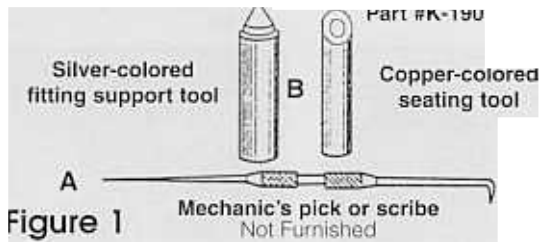


**K-190 (Tool Kit)**

**O-190 (Viton O-ring)**

**S-190 (Line Retaining Clip)**

1. The tools needed for the installation of the Viton O-ring are A, a mechanic's pick or scribe, and B, the Teckpak/Fitzall K-190 two-piece O-ring installation tool. See **Figure 1**.

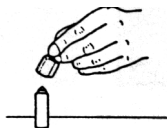


2. After removing the line retaining clip, use the straight end of the pick to pry out the old O-ring. If the O-ring is very hard, it may need breaking. Clean the fitting thoroughly with solvent.



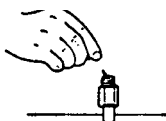
**Figure 2**

3. Place the fitting support tool (see **Figure 1**) on the workbench as shown in **Figure 3**. Grasp the fitting by the threaded end and slip onto the silver-colored fitting support tool.



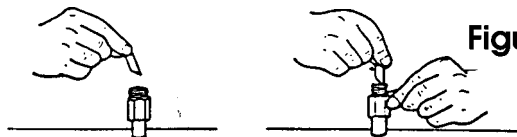
**Figure 3**

4. Now install the O-ring. Squeeze the O-ring and slip it into the threaded end of the fitting. (Put the O-ring in at a slight angle until flush with threaded end.)

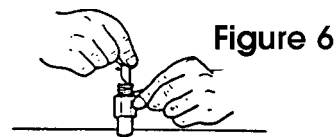


**Figure 4**

5. Take the O-ring seating tool (see **Figure 1**), and insert the beveled end into the threaded end of the fitting until the tool bottoms out against the fitting support tool.

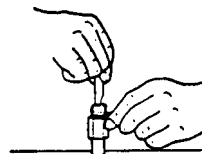


**Figure 5**



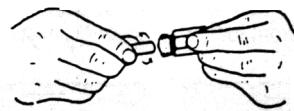
**Figure 6**

**Figure 7**



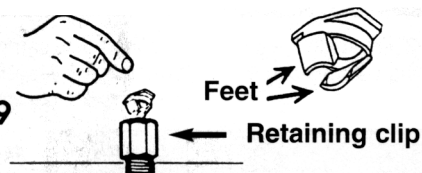
6. Pull the O-ring seating tool out and rotate about 90°. Insert it back into the fitting. Repeat this procedure several times. Remove both tools and hold the fitting up to a light source to make sure the O-ring is placed properly.

**Figure 8**



7. To seal the O-ring, insert the round end of the seating tool into the fitting and twist.

**Figure 9**



8. Install the S-190 Line Retaining Clip by pushing it feet-first into the end of the fitting until it snaps in place.