

REFRIGERANT SYSTEM SERVICE (Continued)

To Disconnect Spring Lock Coupling**Tools Required:**

- Spring Lock Coupling Tools T81P-19623-G1, T81P-19623-G2, T83P-19623-C, T85L-19623-A

1. Remove refrigerant from system as outlined. Fit Spring Lock Coupling Tools T81P-19623-G1 (3/8-inch), T81P-19623-G2 (1/2-inch), T83P-19623-C (5/8-inch) or T85L-19623-A (3/4-inch) or equivalent to the coupling (Fig. 3).

2. Close tool and push into open side of cage to expand garter spring and release female fitting.

NOTE: The garter spring may not release if the tool is cocked while pushing it into the cage opening.

3. After garter spring is expanded, pull fitting apart.
4. Remove tool from disconnected coupling.

To Connect Coupling

1. Check to ensure that garter spring is in cage of male fitting. If garter spring is missing, install a new spring by pushing it into cage opening. If garter spring is damaged, remove it from cage with a small wire hook (do not use a screwdriver) and install a new spring.
2. Clean all dirt or foreign material from both pieces of coupling.
3. Install new green O-rings on male fitting.

Use only the specified green O-rings as they are made of a special material. The use of any O-ring other than the specified green O-ring may allow the connection to leak intermittently during vehicle operation. Refer to service parts list.

Service Parts List

Part Number	Description
E35Y-19D690-D	O-ring Seal Kit - A/C Spring Lock Coupling (Kit contains 3/8, 1/2 and 5/8 inch coupling O-rings and 3/8, 1/2 and 5/8 inch coupling garter springs.)

CCL 3693-A

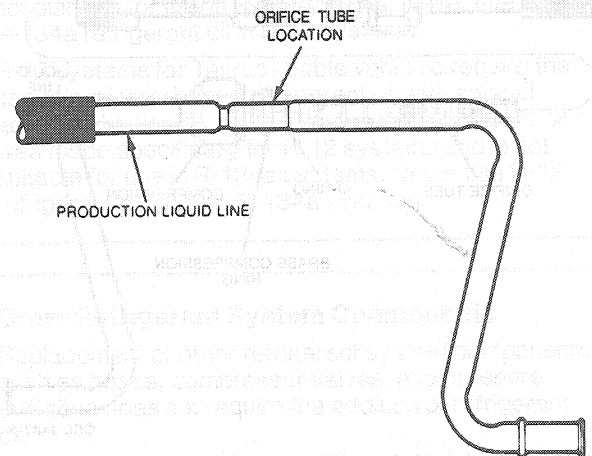
4. Lubricate male fitting and green O-rings and inside of female fitting with clean refrigerant oil.
5. Install plastic indicator ring into cage opening if indicator ring is to be used.
6. Fit female fitting to male fitting and push until garter spring snaps over flared end of female fitting.

If plastic indicator ring is used, it will snap out of cage opening when coupling is connected to indicate engagement.

7. If indicator ring is not used, ensure coupling engagement by visually checking to verify garter spring is over flared end of female fitting.

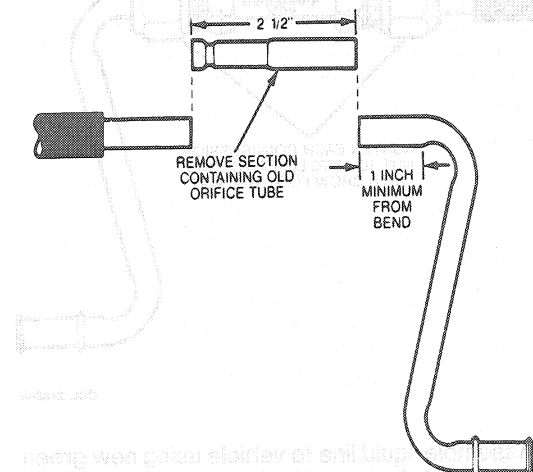
Fixed Orifice Tube Replacement Kit Installation

1. Discharge the A/C refrigerant system. Refer to System Discharging. Observe all safety precautions.
2. Remove the liquid line from the vehicle.
3. Locate the orifice tube by the three indented notches or a circular depression in the metal portion of the liquid line (Fig. 30).

Fixed Orifice Tube Location

CCL 2485-A

4. Note the angular position of the ends of the liquid line so that it can be reassembled in correct position.
5. Cut a 63.5mm (2-1/2 inch) section from tube at orifice tube location. Do not cut closer than 25.4mm (1 inch) from the start of a bend in tube.

Orifice Tube Section Removed From Liquid Line

CCL 2486-A

6. Flush the two pieces of liquid line to remove any contaminants.