

**REMOVAL AND INSTALLATION (Continued)**

**A/C System Filtering**

Two A/C service kits have been released to provide the necessary equipment and information to perform the new, mandatory A/C system filtering procedure. Filter kits with the service part number suffix "A" are to be used on vehicles that have a nylon lined suction hose between the suction accumulator/drier and the compressor. Filter kits with the service part number suffix "B" are for vehicles with rubber lined suction hose.

**CAUTION: Follow all refrigerant system safety and service precautions as outlined.**

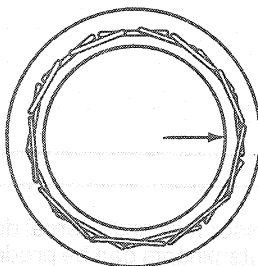
1. To Determine that the compressor has failed and must be replaced, remove the orifice tube and liquid line, if necessary. Look for a dirty orifice tube and / or a liquid line containing black refrigerant oil and particles.
2. Remove the damaged compressor and drain the oil into a calibrated container.

**NOTE:** The proper amount of refrigerant oil must be added to the new compressor before it can be installed. The procedure for the FX-15 is given. However, the procedure is the same for all compressors. Refer to Section 12-00 for the quantity of oil required.

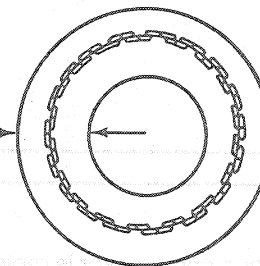
3. A new FX-15 service replacement compressor contains 207 ml (7 oz) of refrigerant oil. If the amount of oil drained from the removed compressor is between 90 and 148 ml (3 oz to 5 oz), pour the same amount of clean oil into the new compressor. If the amount of oil drained from the old compressor is greater than 148 ml (5 oz), pour only 148 ml (5 oz) of clean refrigerant oil into the new compressor. If the amount of refrigerant oil drained from the old compressor is less than 90 ml (3 oz), pour 90 ml (3 oz) of clean refrigerant oil into the new compressor.

**NOTE:** It will be necessary to transfer the magnetic clutch from the old compressor to the new compressor.

4. Install the new compressor. Be sure the compressor mounting bolts are tightened to the proper specification. Check the tension of the compressor drive belt. Adjust, if necessary.
5. Remove the suction accumulator/drier assembly and drain the oil into a calibrated container.
6. Add clean refrigerant oil to the new accumulator/drier in the same amount that was removed from the old unit, plus an additional 60 ml of new refrigerant oil.
7. Install the suction accumulator/drier in the vehicle.
8. Determine the type of suction hose with which you are working. To do this, cut the suction hose into two pieces (make the cut closer to the compressor than the accumulator) and measure the hose wall thickness. Rubber lined hose has a wall thickness of 1/4 inch and nylon lined hose has a wall thickness of 1/8 inch.



**NYLON HOSE**



**RUBBER HOSE**

CCL 3765-A