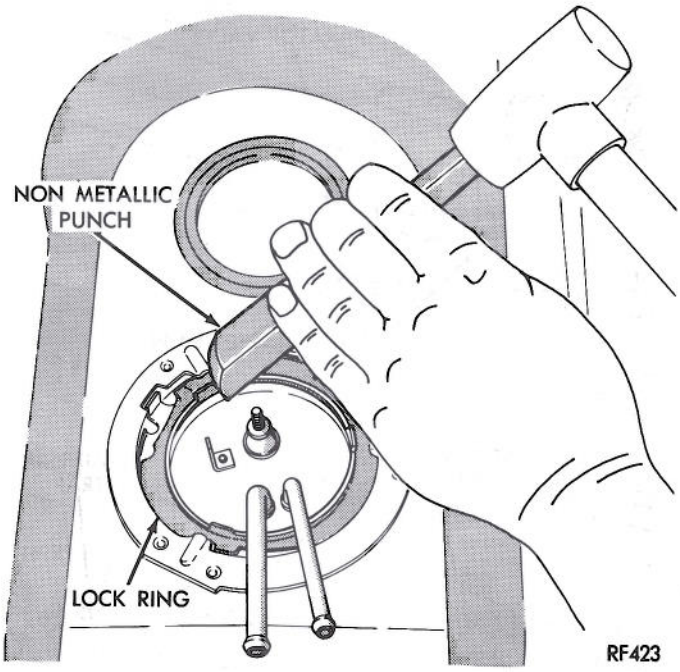

Fig. 5—Removing Locking Ring

(3) Locate insulator pad on top of tank. (If tank insulator was torn or damaged during removal of tank, install new insulator).

(4) Place tank under vehicle on transmission jack, raise tank to position.

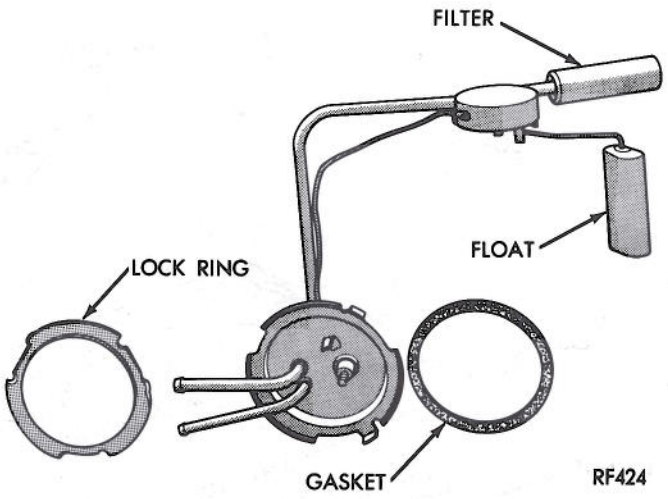

Fig. 6—Fuel Gauge Unit

(5) Reconnect fuel supply line, ground wire, vent line and wire lead to gauge unit.

(6) Carefully raise tank into position with jack and with retaining straps attached install bolts. Tighten bolts to 30 ± 10 foot-pounds (41 ± 14 N·m).

(7) Lubricate filler tube grommet with engine oil and slide filler tube into tank. Install filler tube mounting screw and tighten.

(8) Refill tank and inspect all lines and hoses for leaks.

SERVICE DIAGNOSIS

The Evaporation Control System does not require any maintenance. Any loss of fuel or vapor from the fuel filler cap would indicate one or more of the following:

(1) An unsatisfactory seal between cap and filler neck.

(2) A malfunction of filler cap release valve. A quick check of the filler fuel cap may be made by placing against the mouth and blowing into the hole in the release valve housing. An immediate leak with light blowing or lack of release with hard blowing indicates a defective or incorrect unit.

(3) Plugged vent line roll-over valve.

(4) Plugged vapor lines between the fuel tank and the canister.

The fuel tank is equipped with a gauge unit, including the suction pipe. The filter on the end of the suction pipe is a replaceable unit and prevents the entry of water or foreign material. When installing a gauge unit, be sure the filter is pushed down on the pipe until seated.

SERVICE PROCEDURES

FUEL TANK ROLL-OVER AND LIQUID VAPOR SEPARATOR VALVE (FIGS. 7 AND 8)

Removal

(1) Remove fuel tank (refer to fuel tank removal).

(2) Wedge the blade of a screwdriver between the rubber grommet and the fuel tank (Fig. 7). **Do not wedge between the valve and the grommet or damage to the valve may result upon removal.**

(3) Use a second screwdriver as a support to pry the valve and grommet assembly from the tank.

(4) To remove the grommet from the valve simply place the valve upright on a flat surface and push down on the grommet peeling it down off the valve.

Installation

(1) Install the rubber grommet in the fuel tank