



Fig. 1—Pressure Vacuum Filler Cap

## FUEL TANK (Fig. 2)

### Removal

- (1) Disconnect battery ground cable.
- (2) Remove fuel tank filler cap before disconnecting any lines. The tank could be under a small pressure.
- (3) Pump all fuel from fuel tank into an approved portable holding tank as shown in (Fig. 3) or equivalent. If this equipment is not available, disconnect fuel line from the inlet side of the fuel pump and connect a siphon hose to it. Drain fuel tank dry into a properly identified "Gasoline" safety container.
- (4) Remove screws that hold filler tube to body panel or housing.
- (5) Raise car on hoist.
- (6) Disconnect fuel line, ground wire, gauge wire and wire lead to the tank gauge unit (Fig. 4).
- (7) Place transmission jack under fuel tank. Loosen bolts that hold retaining straps and carefully lower tank until vent line can be removed from roll-over valve located on top of fuel tank. Remove fuel tank from vehicle.
- (8) Remove gauge unit using a hammer and a nonmetallic drift (Fig. 5). Slide gauge unit assembly out of fuel tank. Discard gasket (Fig. 6).
- (9) Remove filler tube.

### Installation

Before installing the fuel gauge, check the condition of the filter on the end of the suction tube.

Inspect all hose connections such as clamps and couplings to make sure they are secure and no leaks are present. Hoses should be replaced immediately if there is any evidence of degradation that could result in failure.

Avoid contact with clamps or other components that cause abrasions or scuffing. Insure that the rubber hoses are properly routed to prevent pinching and to avoid heat sources. The original production "Keystone" hose clamps are destroyed when removed and are not reusable.

Position clamps so that no sharp edges contact adjacent hose. Spring type or aircraft type clamps are not recommended.

### No-Lead Fuel Tank Filler Tube

All catalyst equipped vehicles have a special fuel tank filler tube. The fuel filler opening is smaller in diameter than those used for non-catalyst vehicles to permit entry of only the new smaller no-lead fuel nozzles. In addition a spring loaded door, which is opened by the no-lead fuel nozzle, deters the addition of fuel by means other than the proper nozzle. A label is attached to the instrument panel under the fuel gauge that reads "UNLEADED FUEL ONLY" as a reminder to the driver. A similar label is located near the fuel tank filler.

Vehicles not equipped with catalyst emission control systems may be operated on either leaded or unleaded gasolines having the same antiknock values.

### PRESSURE—VACUUM FILLER CAP

The fuel tank is sealed with a pressure-vacuum relief filler cap. The relief valves in the cap are a safety feature and operate only to prevent excessive pressure or vacuum in the tank caused by a malfunction in the system or damage to the vent lines.

The cap has a threaded configuration which allows the seal to be broken and pressure to be relieved without separation of the cap from the filler tube.

If replacement of the filler cap is necessary, a similar cap must be used in order for the system to remain effective.

**CAUTION: Loosen the filler cap to relieve fuel tank pressure prior to servicing any fuel line.**

### FUEL TANK CAPACITIES

All Models	gallons	U.S.	gallons	IMP	liters
	18.0		15.0		68
Nominal refill capacities are shown. A variation may be observed from car to car due to manufacturing tolerance and refill procedure.					