

(2) Using Tool C-3511 tap the seal down into position until tool is seated in bearing bore.

(3) Hold tool in this position and cut off the portion of seal that extends above the cap on both sides.

## ENGINE OILING SYSTEM

(Fig. 48)

### OIL PAN

#### Removal

(1) Disconnect negative (ground) cable from the battery, and remove dipstick.

(2) Raise vehicle on a hoist, drain the oil. Remove engine to torque converter left housing strut.

(3) Remove steering and idle arm ball joints from steering linkage center link.

(4) Remove exhaust pipes from exhaust manifolds and leave hang without disconnecting from the muffler on single exhaust system.

(5) Remove the oil pan bolts and oil pan.

#### Installation

(1) Inspect alignment of oil strainer. Bottom of strainer must be parallel with the machined surface of the cylinder block. Bottom of strainer must touch bottom of oil pan.

(2) Install oil pan using a new gasket and seals. Install engine to converter housing strut.

the oil pump from rear main bearing cap to service the oil pump.

#### Disassembly

(1) To remove the relief valve, proceed as follows:

(a) Remove cotter pin, drill a 1/8 inch hole into the relief valve cap and insert a self-threading sheet metal screw into cap.

(b) Clamp screw into a vise and while supporting oil pump, remove cap by tapping pump body using a soft hammer. Discard cap and remove spring and relief valve. (Fig. 49).

(2) Remove oil pump cover bolts and lockwashers, and lift off cover.

(3) Discard oil seal ring.

(4) Remove pump rotor and shaft and remove outer rotor.

(5) Wash all parts in a suitable solvent and inspect carefully for damage or wear. (Fig. 50).

#### Inspection

(1) The mating face of the oil pump cover should