IV. CHECKING THE OIL PUMP

Step 1—Disassemble The Unit

a. Remove the safety wire from the three cap screws (A-Figure 6) and remove the cap screws.

b. Remove the cover and tube assembly (B-Figure 6) and the gasket (C-Figure 6).

c. Lift the driven gear (D-Figure 6) from the pump.

d. Press the drive gear (E-Figure 6) from the driven gear and shaft (H-Figure 6) and inspect the pump body (G-Figure 6) for wear or cracks.
e. Inspect the oil pump body bushing (F-Figure 6). If the inside diameter exceeds 0.566 inch, or the outside diameter of the drive gear shaft is less than 0.560 inch, replace the bushing or shaft.

**NOTE:** If the bushing is replaced it must be reamed to .001 inch of the shaft diameter. Replace the drive gear (E-Figure 6) if it is less than 0.560 inch long or if the teeth are worn, chipped, or broken.

Step 2—Assemble the oil pump.

a. Press the gear and shaft assembly into the oil pump body until the end of the shaft is flush with the outside of the pump body.

b. Press the drive gear on the drive gear shaft, making sure the flat in the gear is in line with the flat side of the shaft.

c. Replace the driven gear on the stub shaft.

d. Replace the cover and tube assembly.

e. Safety wire the cap screws.