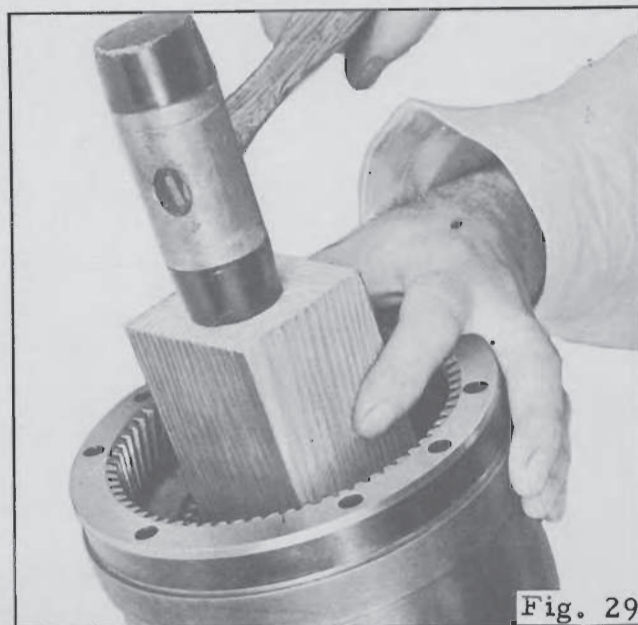
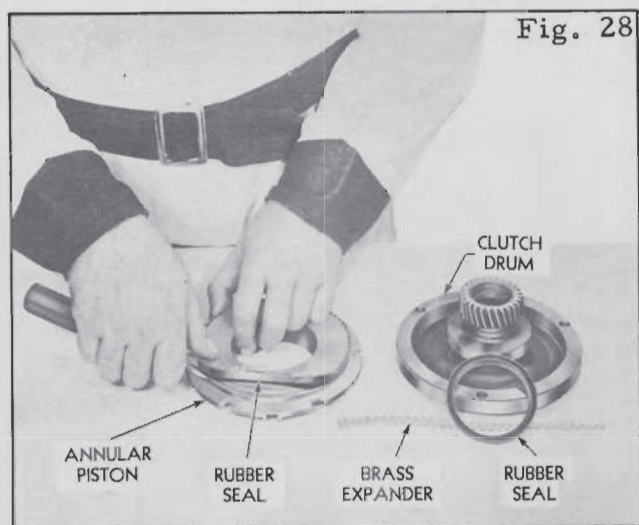


Automatic Transmission

SERVICE GUIDE

HYDRA-MATIC
DISASSEMBLY

- ⊗ Remove the four composition clutch drive and four steel clutch driven plates from the drum.
- ⊗ Remove the rubber piston seals and brass expanders from the annular piston and clutch drum piston. (Fig. 28).



- ⊗ Remove the eight composition and eight steel clutch plates.
- ⊗ Remove the annular piston from the clutch drum by tapping the clutch drum rear thrust face on a block of wood (Fig. 26).
- ⊗ Remove the rubber seals and brass expanders from the annular piston and rear unit clutch drum (Fig. 28).

Note:

If it is necessary to replace the internal gear, remove the two screws attaching the gear to the drum and remove the gear. The gear should not be removed unless replacement is required.

DISASSEMBLY OF REAR UNIT

- ⊗ Remove the rear clutch hub retainer tool from the rear unit drum. Remove the rear clutch hub and bronze thrust washer.
- ⊗ Remove the steel washer from the rear clutch hub (if it did not remain on the intermediate shaft).
- ⊗ Position the rear unit assembly in an arbor press. Remove the clutch drum hub snap ring (Fig. 24).
- ⊗ Separate the drums by tapping lightly on the clutch drum thrust face using a wooden block (Fig. 29).
- ⊗ Remove the six inner and outer clutch release springs and guide pins. Separate the springs for inspection.

DISASSEMBLY OF REVERSE UNIT

- ⊗ Using a 1" wrench, remove the speedometer driven gear and sleeve assembly from the rear bearing retainer.
- ⊗ Remove the snap ring on the output shaft inside of the rear bearing retainer at the ball bearing.