

Fig. 17—Removing Shift Tube From Bowl

- (5) Inspect horn and turn signal wires for worn or bare spots.
- (6) Inspect the steering shaft and gearshift tube for loose or broken plastic shear joints.

**Assembly**

The grease recommended for use during reassembly procedures is Multi-Purpose Grease NLGI Grade 2 E.P. such as Multi-Mileage Lubricant, Part Number 2525035 or equivalent.

**Bearing Housing Assembly (Fig. 1)**

- (1) Install bearings in bearing housing, if removed.
  - (2) Install lock shoe springs, lock shoes and shoe pin in bearing housing. Use approximately .180 inch rod to line up shoes for pin installation.
- NOTE:** With tilt lever opening on left side, shoes facing up, the four slot shoe is on the left.
- (3) Install spring, release lever and pin in bearing

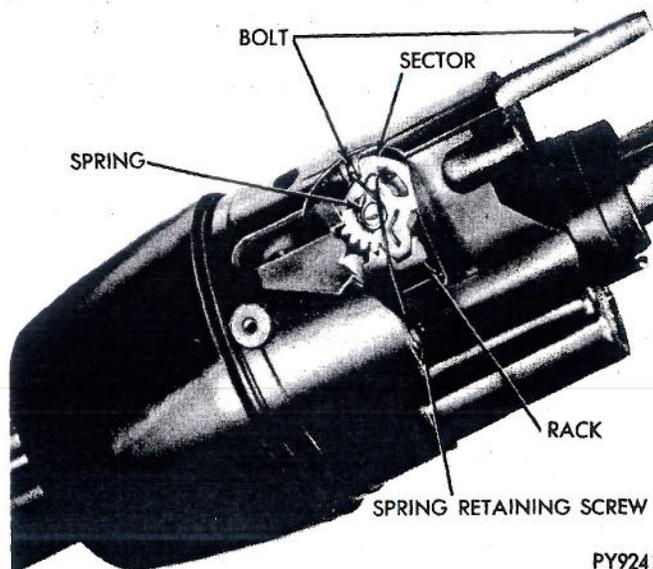


Fig. 18—Sector and Bolt Spring

housing. (Again, relieve load on release lever as in step (4) of disassembly procedure.)

- (4) Install drive shaft in housing. Lightly tap sector onto the shaft far enough to install snap ring.
- (5) Install lock bolt and engage with sector cam surface.
- (6) Install rack and spring. Block tooth on rack to engage block tooth on sector. Install external tilt release lever.

(7) Install bolt spring and spring retaining screw. Tighten to 35 inch-pounds (Fig. 18).

(8) Install shift lever spring in bowl by winding up with pliers and pushing in. Slide bowl into jacket.

(9) Install wave washer and lock plate in place. Work lock plate into notches in jacket by tipping lock plate toward bowl hub at 12 o'clock position and under jacket opening. Slide lock plate into notches in jacket.

(10) Carefully install shift tube in lower end of jacket. Align key in tube with keyway in bowl and use Tool C-4119 to pull shift tube into bowl (Fig. 19).

**CAUTION:** DO NOT PUSH OR TAP ON END OF SHIFT TUBE. Install thrust washer and retaining ring by pulling bowl up to compress wave washer.

(11) Install support by aligning "V" in support with "V" notch in jacket. Insert screws through support into lock plate. Tighten screws to 60 inch-pounds torque.

(12) Reinstall lower bearing, if removed, in the lower end of shift tube. Locate approximately 3/16 inch inside of tube (use a soap solution or rubber lubricant to ease installation).

(13) **Tilt-A-Scope** only: Install upper steering shaft, locking wedge, and locking rod in yoke (Fig. 16).

(14) Install centering spheres and anti-lash spring in upper steering shaft (Fig. 14). Install lower steering shaft from same side of spheres that spring ends protrude.

Make a trial fit-up of the double coupling assembly to assure that the master serration of the upper shaft

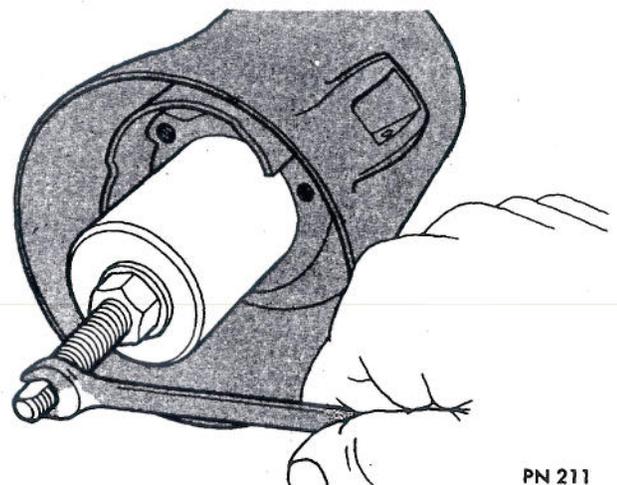


Fig. 19—Installing Shift Tube

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