

Fig. 15—Removing Return Spring

REPLACEMENT OF BRUSHES AND SPRINGS

(1) Brushes that are worn more than 1/2 the length of new brushes, or are oil-soaked, should be replaced.

(2) When **soldering** the solenoid lead, make a strong low resistance connection using a high temperature solder and resin flux. **Do not use acid or acid core solder.**

(3) Measure brush spring tension with a spring scale hooked under the spring near the end. Pull

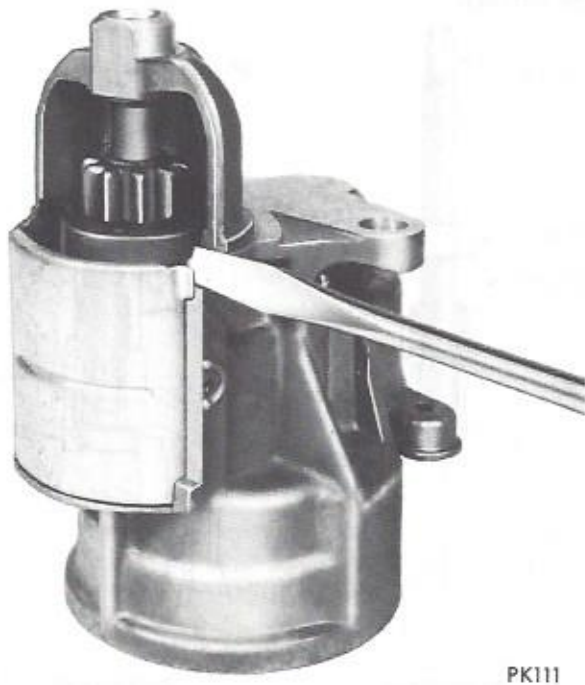


Fig. 16—Removing Dust Cover

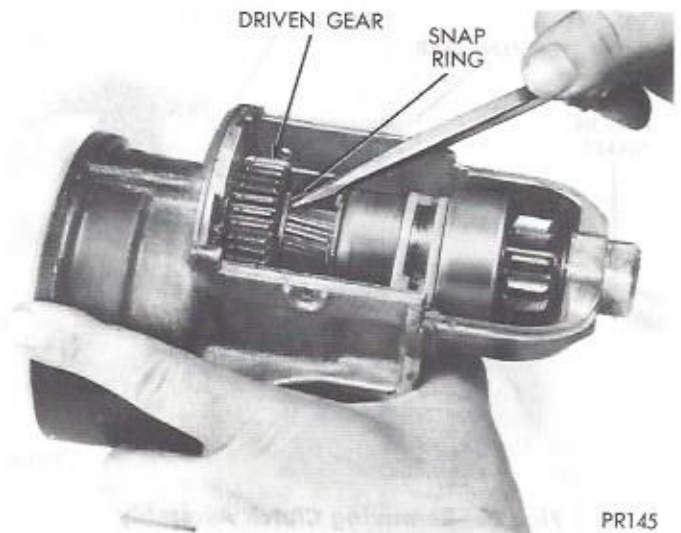


Fig. 17—Removing Driven Gear Snap Ring

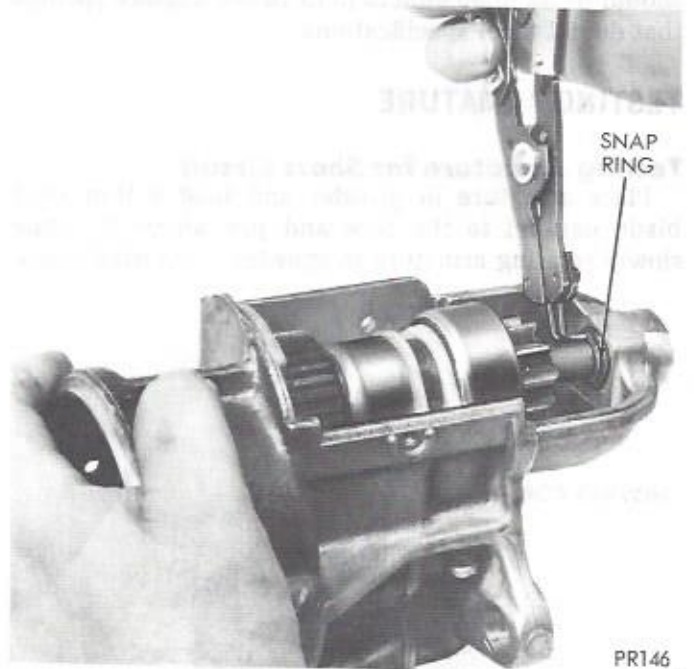


Fig. 18—Removing Pinion Shaft Snap Ring

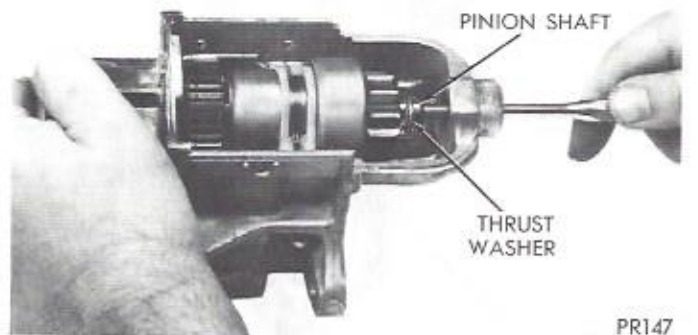


Fig. 19—Removing Pinion Shaft