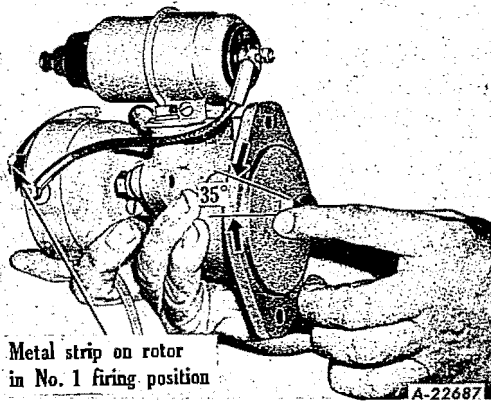
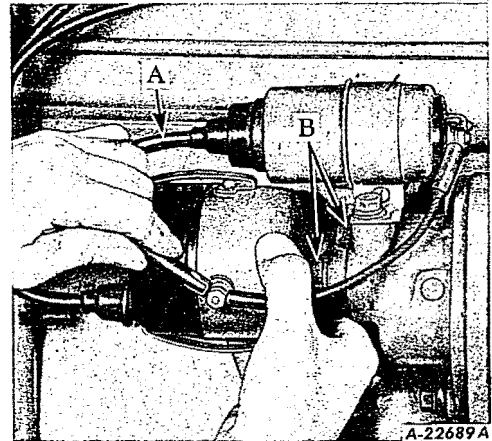


## MAINTENANCE



Illust. 35

Adjusting the distributor rotor and drive shaft lugs for timing the distributor.



Illust. 35B

Advancing the distributor while holding the secondary cable  $\frac{1}{16}$ " to  $\frac{1}{8}$ " from the primary terminal.

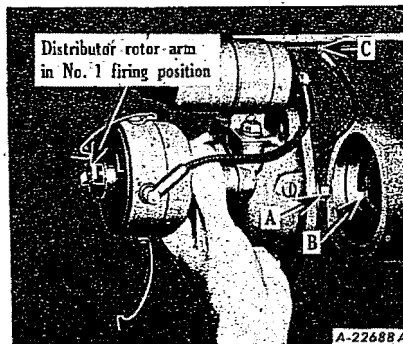
### Installing the Battery Ignition Unit

1. Place the battery ignition unit in one hand and, with the fingers of the other hand, turn the drive lugs in a clockwise direction until the rotor arm is approximately in the No. 1 firing position. See *Illust. 35*. Then continue to turn slowly and lightly until a slight resistance is felt.

2. Pull out the drive shaft to disengage the gears; then turn the shaft clockwise so drive shaft lugs "A" are approximately  $35^\circ$  past horizontal or approximately in the same position as drive shaft slots "B". See *Illust. 35A*. Engage the gears and press the drive shaft in with the palm of the hand.

3. Assemble the battery ignition unit and gasket and fasten with the mounting bolts and washers, using the mounting clip in front of the lock washer on the top bolt. Assemble the distributor cap.

4. Connect switch cable "C" (*Illust. 35A*) to the negative (—) terminal on the ignition coil.

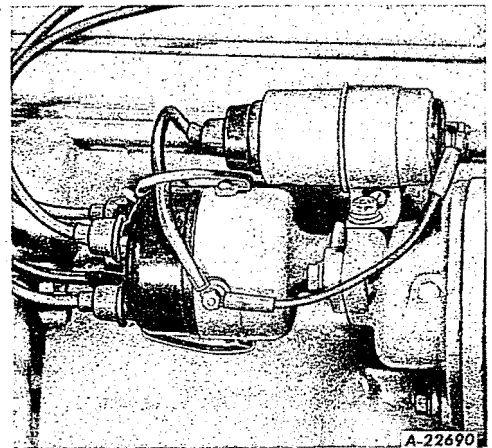


Illust. 35A

Assembling the battery ignition unit.

### Timing the Distributor to the Engine

Loosen distributor mounting bolts "B." See *Illust. 35B*. Set the engine on the No. 1 T.D.C. (top dead center) firing stroke. The secondary cable should be assembled properly in the coil terminal. Pull out the knob of the ignition switch and note if the ammeter shows discharge. If the ammeter shows discharge, the points are closed and the retarding of the distributor is not necessary. If the ammeter does not show discharge, retard the distributor by turning the body about  $30^\circ$  in the same direction as the cam rotation. Pull secondary cable "A" (*Illust. 35B*) out of the center socket on the distributor cap and hold the free end of the cable within  $\frac{1}{16}$ " to  $\frac{1}{8}$ " from the distributor primary terminal, as shown in *Illust. 35B*. Advance the distributor by turning the distributor body slowly in a direction opposite to the cam rotation until a spark occurs.



Illust. 35C

Showing the secondary cable held under the distributor cap spring for final check of timing.