

2. Remove external screw from transmitter cover.
3. Adjust the internal screw  $\frac{1}{4}$  turn or more clockwise or counterclockwise to **steady the needle**. Do not set this too tight clockwise, as the meter may fail to operate.
4. Replace screw in the cover.
5. Stop engine.

## TWO SPEED WINDSHIELD WIPER

The optional two-speed wiper consists of a round compound wound motor attached to a gear box similar to that used with the single speed rectangular wipers. It uses the same type washer mechanism as that used on single speed wipers.

### Operation

Except for the fact that this wiper has two speeds, the basic principle of operation is very similar to that of the single speed rectangular type. Two switches, a dash switch and a parking switch control the starting and stopping of the wiper. The parking switch, located in the gear box and controlled through a ring on the gear, functions the same as the parking switch in the single speed wipers, acting as a holding switch to maintain motor circuits until blades reach their park position.

The wiper circuits for "Lo," "Hi," "Parking" and "Off" are shown in Figures 10, 11, 12, and 13.

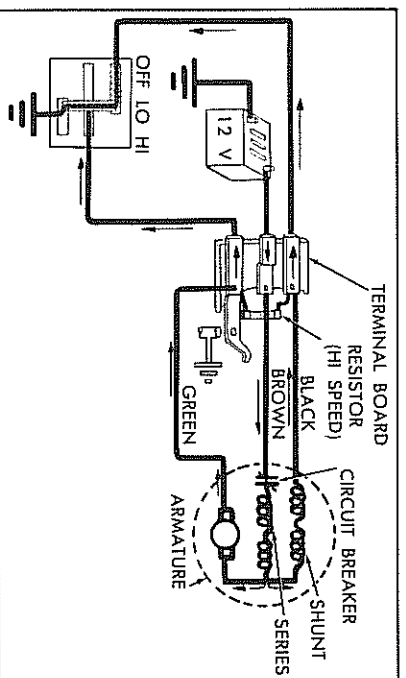


Fig. 10—"Lo" Speed Circuit

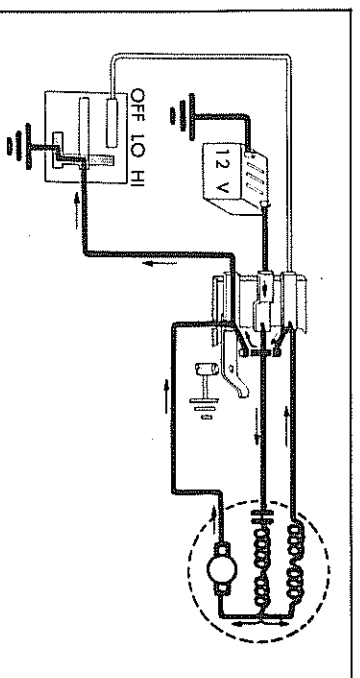


Fig. 11—"Hi" Speed Circuit

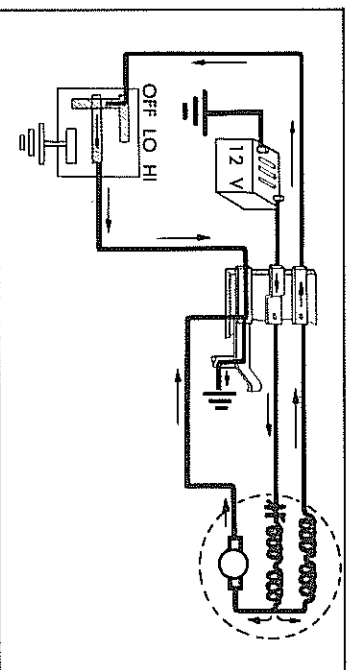


Fig. 12—Parking Circuit

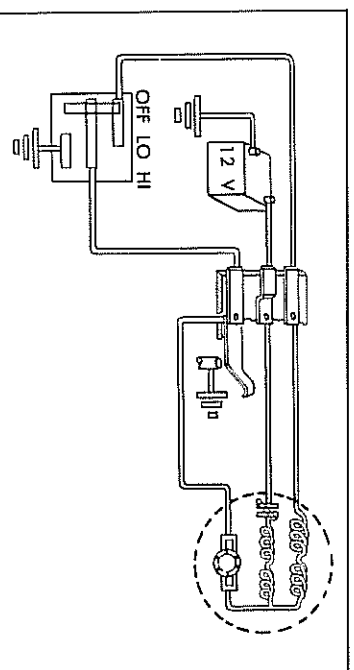


Fig. 13—Wiper Off—Blades Parked

### Removal and Installation

Removal and installation is accomplished in the same manner as for the single speed wiper motor which is covered in Section 10—Body, of this book.

### Disassembly

**Gear Box**—Refer to Figure 14—exploded view of gear box.

The gear box may be disassembled independently of the motor section as follows:

1. Clamp crank arm in a vise and remove crank arm retaining nut.
2. Remove crank arm and rubber seal cap.

**IMPORTANT:** During reassembly pack inside of seal cap with a waterproof type grease.

3. Remove gear shaft retaining ring, end play washers and spacer washer.

**NOTE:** Use end play washers as required to obtain .005" maximum gear shaft end play.

4. Remove gear box cover or washer pump and gasket (when used.)
5. Remove terminal shield and slide gear and shaft assembly out of housing.
6. Remove terminal board assembly and unsolder leads as required.