

Removing and Installing Starter

12 LI

Removal

1. Disconnect ground strap at battery.
2. Disconnect battery cable and cable to generator and ignition switch from terminal 30 of the starter.
3. Disconnect control cable (to starter/ignition switch) from terminal 50 of the starter.
4. Remove starter by removing the flange screws.

3. Make sure that terminals and cables are clean and properly connected.

Note

If the flywheel gear is excessively worn, the gear teeth may be refaced a maximum of 2 mm ($1/16$ in.). They must be accurately and evenly rechamfered to assure proper operation of the starter and balance of the flywheel. Do not alter the solenoid switch setting.

Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Lubricate starter shaft bushing with high temperature grease.
2. Apply sealing compound to face of intermediate bracket flange and transmission case.

Connections

1. Generator and battery cables to upper solenoid terminal.
2. Solenoid actuating cable to small terminal.
3. Ground strap to battery.

Removing and Installing Solenoid Switch

13 LI

Removal

1. Remove connector strap from solenoid switch.

At a general engine overhaul it is advisable to replace the switch. Never alter the setting of the switch.

Installation

The installation is accomplished in the reverse order of removal observing the following points:

1. Hold cable ends from twisting while tightening terminal nuts; do not use excessive force.

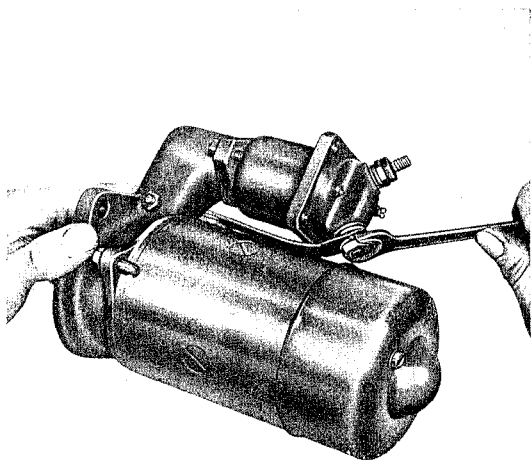


Fig. 22

2. Remove bolts that attach solenoid switch to intermediate bracket.
3. Pull out starter pinion and remove solenoid switch. A defective solenoid switch must be replaced.

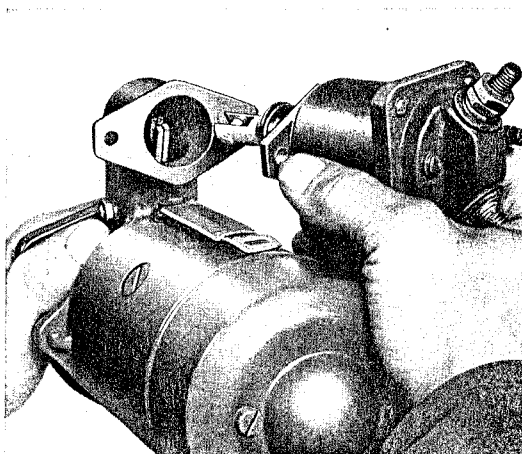


Fig. 23