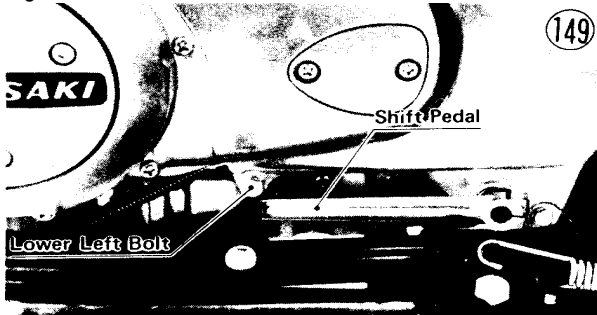


#### 48 DISASSEMBLY

•Mount the shift pedal so that its end matches the level of the engine sprocket cover lower left bolt, and tighten its bolt.

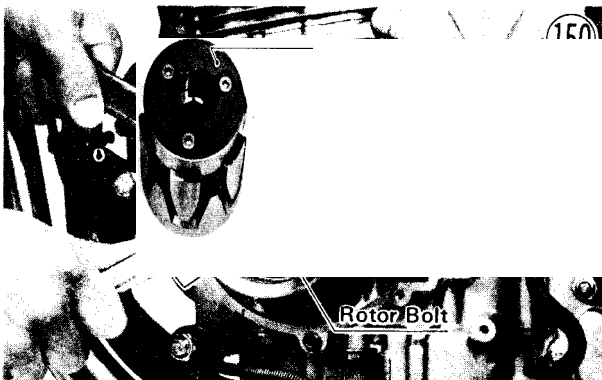


- Mount the left foot peg with its nuts and washers (2 ea).
- Reconnect the plugs to their sockets on the electrical panel.
- Install the left side cover.
- Check the oil level and add oil (Pg. 196).

#### DYNAMO ROTOR AND STARTER MOTOR CLUTCH

##### Removal:

- Remove the left foot peg nuts (2), washers (2), and left foot peg.
- Take out the shift pedal bolt, and remove the shift pedal.
- Remove the engine sprocket cover bolts (4), and pull the cover free from the crankcase.
- Place an oil pan beneath the dynamo cover.
- Remove the dynamo cover screws (8), and pull off the dynamo cover and gasket.
- Hold the dynamo rotor 11 steady with the dynamo rotor holder (special tool), and remove the rotor bolt 7. The bolt is a left hand thread and must be turned clockwise for removal.



•Using the special tool to hold the rotor steady, remove the rotor and starter motor clutch assembly with the dynamo rotor puller (special tool). There is a thrust washer is at the rear of the rotor.



##### Installation:

- Check to see that the thrust washer is at the rear of the rotor; using a high flash-point solvent, clean off any oil or dirt that may be on the crankshaft taper or rotor hub, and place the assembly back on the crankshaft.
- Tighten the bolt to 7.0-8.0 kg-m (51 ~58 ft-lbs) of torque while holding the dynamo rotor steady with the dynamo rotor holder (special tool).
- Check that knock pins (2) are in place.
- Apply a liquid gasket to the wiring grommets, install the dynamo cover using a new gasket, and then tighten the screws (8).
- Check to see that knock pins (2) are in place, and install the engine sprocket cover using the shift shaft oil seal guide (special tool) to protect the cover oil seal (Fig. 148), and tighten its bolts.
- Mount the shift pedal so that its end matches the level of the engine sprocket cover lower left bolt, and tighten its bolt (Fig. 149).
- Mount the left foot peg with its nuts and washers (2ea).
- Check the oil level and add oil (Pg. 196).

##### Disassembly:

- Remove the rollers 4 springs 2 and spring caps 3 (3 ea) from the starter motor clutch.

Starter Motor Clutch

Roller

Spring Cap

> Spring

•Place the rotor face down on the workbench. Holding the rotor steady with the dynamo rotor holder (special tool), remove the Allen bolts (3) to separate the rotor and starter motor clutch.