

- Remove the shift drum stopper and shift drum stopper spring and remove the shift fork guide shaft and two gearshift forks A.

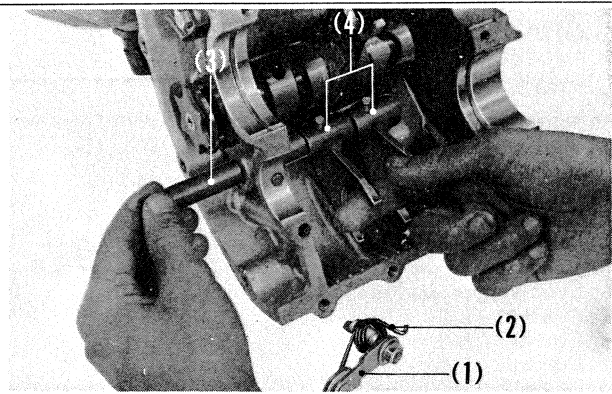


Fig. 4-87 (1) Shift drum stopper
(2) Shift drum stopper spring
(3) Shift fork guide shaft
(4) Gearshift fork A

- Remove the guide pin clip and pull out the guide pin. Then remove the gearshift drum from the upper crankcase and gearshift fork.

Inspection

Refer to service data on page 112.

- Measure the gearshift fork finger thickness.
- Measure the shift fork guide shaft OD (outside diameter).
- Measure the gearshift fork ID (inside diameter).
- Measure the gearshift drum OD.
- Check the clearance between the lug of the gearshift fork and the groove in the gearshift drum.

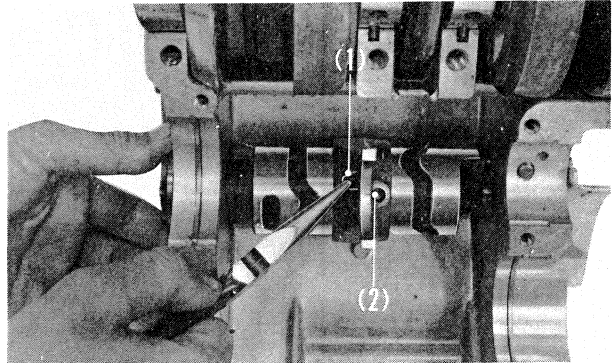


Fig. 4-88 (1) Guide pin clip
(2) Guide pin

Assembly

To assemble, reverse the disassembly procedure paying attention to the following:

- Set the drum to the gearshift fork B as shown in Fig. 4-89.

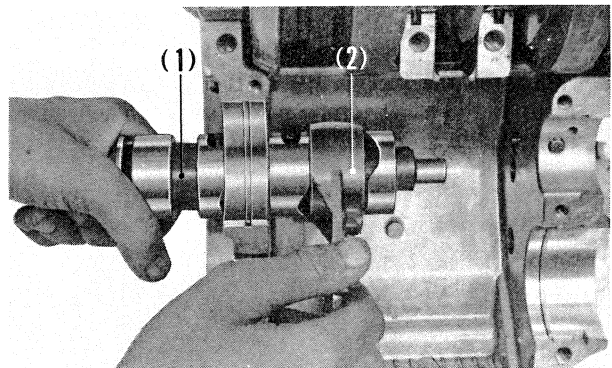


Fig. 4-89 (1) Gearshift drum
(2) Gearshift fork B

- With the gearshift drum in the neutral position, install the #10 steel ball and neutral stopper spring. Tighten the guide screw and bend the locking lug of the lock washer.

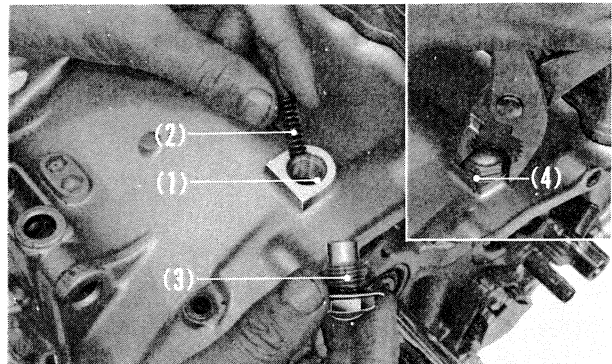


Fig. 4-90 (1) #10 steel ball
(2) Neutral stopper spring
(3) Shift drum guide screw
(4) 12 mm lock washer