

Fig. 3.102 "R" mark on the RH gear shift fork
 ① "R" mark
 ② Gear shift fork
 ③ Gear shift drum

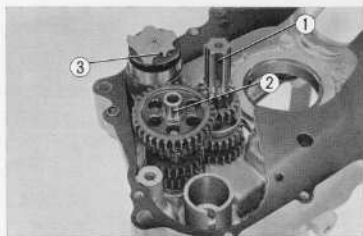


Fig. 3.103 Reassembling the transmission
 ① Transmission main shaft
 ② Transmission counter shaft
 ③ Gear shift drum

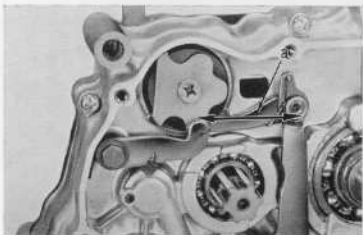


Fig. 3.104 Checking the gear shift arm

D. Reassembly

1. Install the gear shift forks ② on the gear shift drum ③. Insert the gear shift guide pins and fix in place by setting the clip.

CAUTION:

When assembling the gear shift forks, caution not to reverse the LH and the RH forks. The RH gear shift fork is marked "R" ①. After the assembly, check for operation. (Fig. 3.102)

2. In the assembly of the transmission gears, those gears which are fixed to rotate with the shaft shall be fitted to the splines with care and those which are free rotating must be installed with the thrust washers. After the assembly, check for proper operation.
3. Install the transmission main shaft, counter shaft, gear shift drum assembly on the left crankcase. (Fig. 3.103)
4. Install the kick starter spindle.
5. Assemble the LH and RH crankcases in accordance with section 3.11D.
6. Install the gear shift spindle and the driven gear in accordance with section 3.10D and the clutch assembly the RH crankcase cover in accordance with section 3.8D.
7. Install the cylinder in accordance with section 3.5D and the cylinder head in accordance with section 3.6D.
8. Install the gear shift spindle in the reverse order of section 3.12B.

CAUTION:

When assembling, check for area "a" operation and also check the shift return spring pin for bend. (Fig. 3.104)

9. Install the shift drum stopper and the driven gear.
10. Install the oil pump. Install the clutch assembly in accordance with section 3.8D. Install the lock washer, lock nut and lock the nut by bending the washer tab.

Install the clutch outer cover and the right crankcase cover.