b. Disassembly

1. Disassemble the cylinder head, and cam chain tensioner in accordance with section 3-3 b on page 32~35.
2. Disassemble the crankcase in accordance with section 3-6 b on page 46-47.
3. Remove the kick starter shaft stopper pin and remove the kick starter shaft. **(Fig. 3-92)**
4. Remove the kick starter gear assembly. **(Fig. 3-93)**
5. Remove the kick starter return spring.
6. Remove the kick starter ratchet spring from the kick starter flange and then remove the kick starter pawl.

c. Inspection

1. Check to make sure that the kick gear turns smoothly in one direction and locks in the opposite direction.
2. Check the bore of the kick gear with an inside dial gauge and the starter shaft with a micrometer and if the dimension is beyond the serviceable limit shown in the table below, the parts should be replaced. **(Fig. 3-94)**

Item	Serviceable limit in. (mm)
Kick gear bore	0.7904 (20.075)
Starter shaft diameter	0.7847 (19.930)

d. Reassembly

1. Assemble the kick gear, kick starter flange and return spring together into the lower crankcase. **(Fig. 3-95)**

   Note : Hook the end of the return spring on the case, force the starter flange toward the bottom with a screwdriver to hook it on the pin.
2. Install the kick starter spindle **(Fig. 3-96)**.
3. Install the kick spindle stopper pin **(Fig. 3-96)**
4. Assemble the crankcase in accordance with section 3-6 d on page 51~52.
5. Assemble the cylinder, cylinder head and cam chain tensioner in accordance with section 3-3 d on page 36-38.

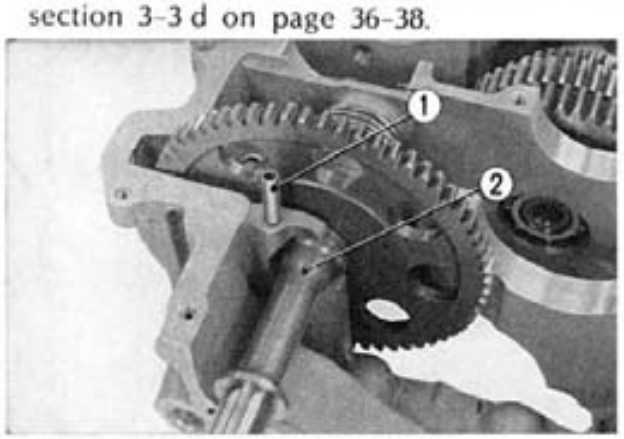

Fig. 3-96 ① Kick spindle stopper pin
② Kick starter spindle

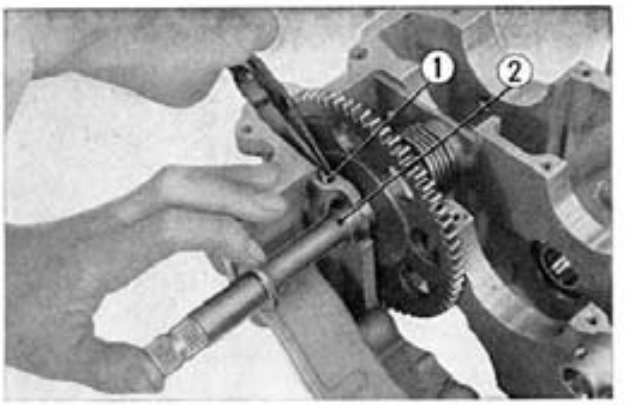

Fig. 3-92 ① Kick starter shaft stopper pin
② Kick starter shaft

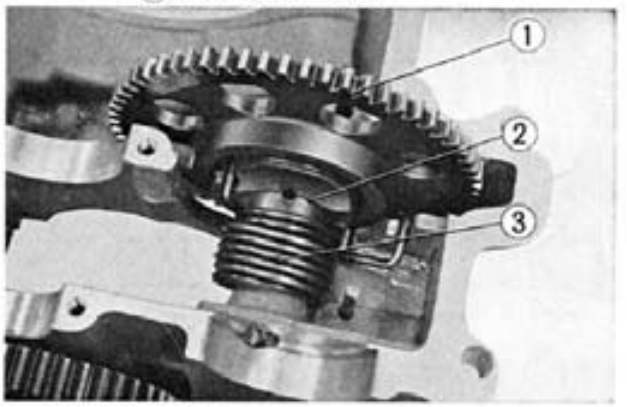

Fig. 3-93 ① Kick starter gear
② Kick starter flange
③ Kick starter return spring

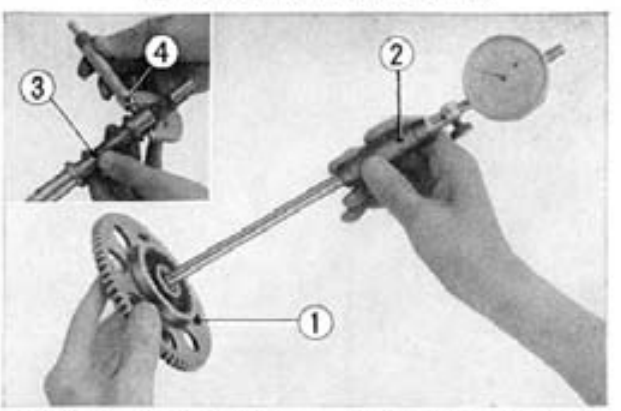

Fig. 3-94 ① Kick gear ③ Kick starter shaft
② Inside dial gauge ④ Micrometer

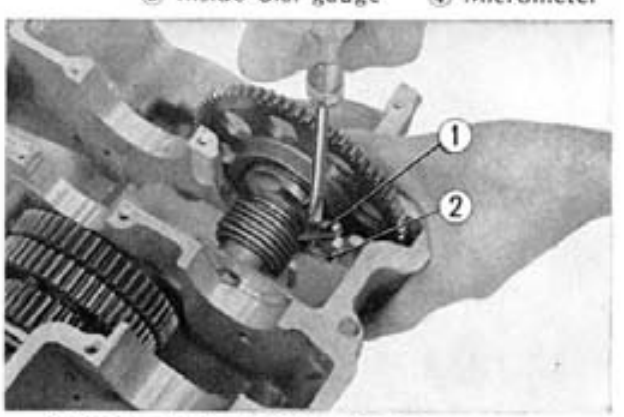

Fig. 3-95 ① Kick starter flange
② Return spring