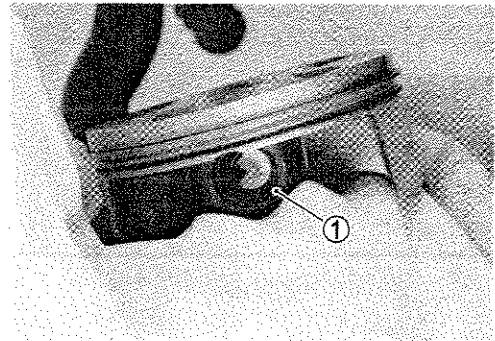
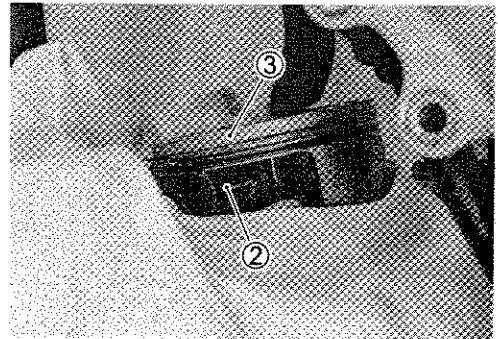


## PISTON AND PISTON RING REMOVAL

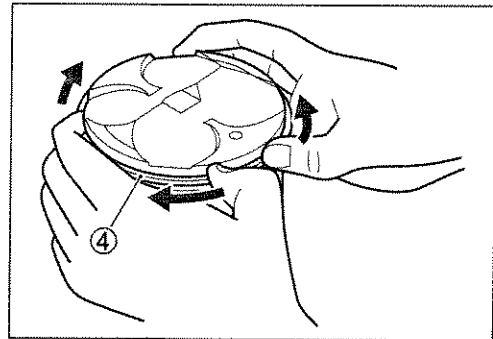
- Remove the cylinder. (☞ 6-5)
- Place a clean rag over the cylinder base to prevent the piston pin circlip ① from dropping into the crankcase.
- Remove the piston pin circlip ①.



- Remove the piston pin ② and piston ③.

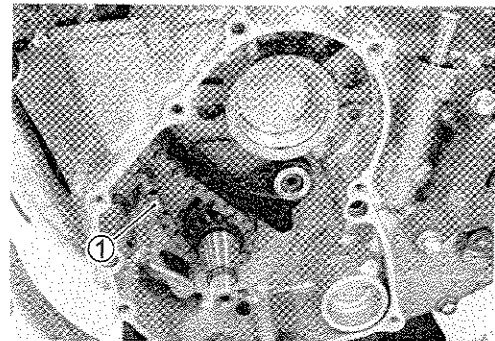


- Carefully spread the ring opening with your thumbs and then push up the opposite side of the ring ④ to remove it.
- Remove the oil ring in the same procedure.

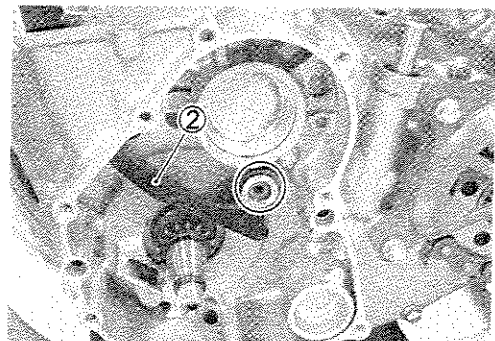


## CAM CHAIN AND CAM CHAIN TENSIONER REMOVAL

- Remove the magneto cover and magnet rotor. (☞ 14-6)
- Remove the cam chain ①.



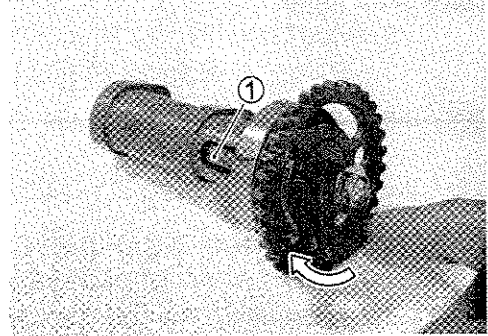
- Remove the cam chain tensioner ②.



## ENGINE TOP COMPONENTS INSPECTION AND SERVICE

### AUTOMATIC DECOMP. INSPECTION

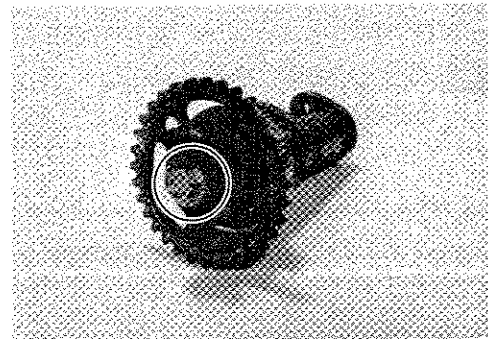
- Check the decomp. cam moves smoothly and shaft ① rotates together.
- If any abnormal condition are found, replace the camshaft assembly.



### CAMSHAFT INSPECTION

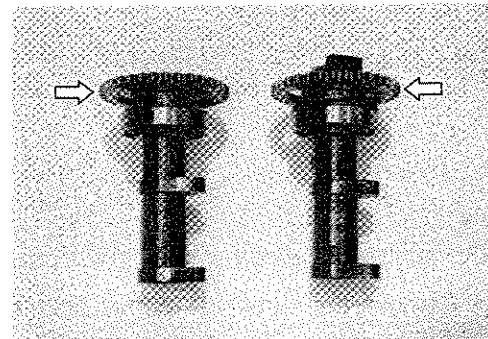
#### CAUTION

The camshaft assembly can not be disassembled except for the automatic decomp.



#### CAM SPROCKET

- Inspect the sprocket teeth for wear.
- If they are worn, replace the camshafts, crankshaft and cam chain as a set.



#### CAMSHAFT BEARING

- Inspect the bearings for play, discoloration, wear and seizure.
- Move the outer race by finger and inspect for smooth movement.
- If there is anything unusual, replace the camshaft assembly.

