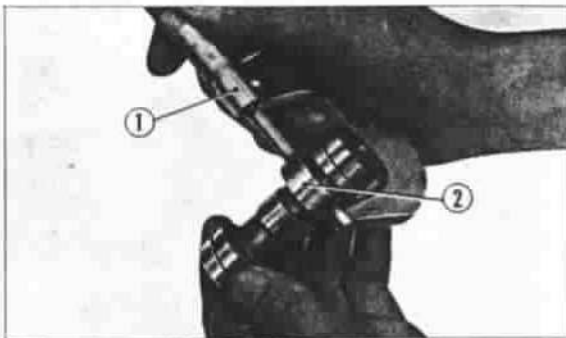
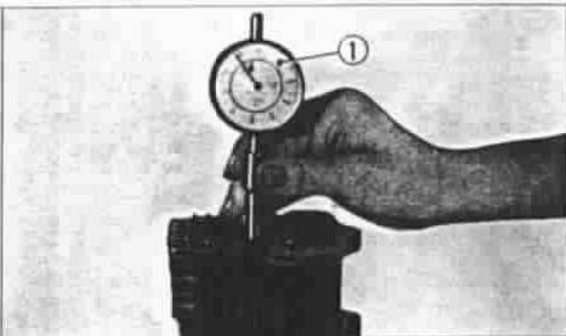


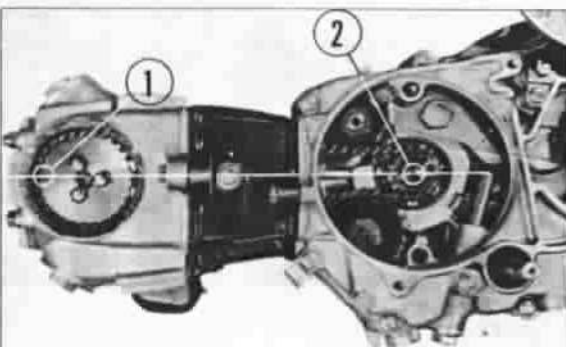
① Vernier caliper ② Valve spring
Fig. 23



① Micrometer ② Camshaft
Fig. 24



① Cylinder gauge
Fig. 25



① "O" mark ② Key
Fig. 26

6. Inspecting the valve spring

Measure the length of the valve spring free length with a vernier caliper.

Standard Value	Serviceable Limit
1.11 (28.1 mm)	Replace if under 1.06 (26.9 mm)

7. Inspecting the camshaft

Measure the cam lift with a micrometer

Item	Standard Value	Serviceable Limit
Base circle	0.825 (21.0 mm)	Replace if under 0.819 (20.8 mm)
Cam lift (including the base circle)	1.025 (26.076 mm)	Replace if under 1.015 (25.8 mm)

8. Measuring the inside diameter of the cylinder

Use a cylinder gauge and measure the inside diameter of the cylinder at the top, center and bottom in both the X and Y axes. If the cylinder is excessively worn, it should be either rebored or replaced with a new cylinder depending upon the extent of wear (Fig. 25).

Standard Value	Serviceable Limit
1.5358~1.5362 (39.01~39.02 mm)	39.1 (1.540 mm)

Note :

When reboring the cylinder, it must be rebored to an oversize units of 0.010 (0.25 mm) up to a maximum of 0.40 (1.0 mm) since the piston and the piston ring sets comes in those oversizes only.

D. Reassembly

Perform the reassembly in the reverse order of disassembly which was described in page 9 section B, however, follow the procedure below for timing the valves.

Position the key of the left crankshaft so that it is pointing toward the cylinder head, and position the cam that the "O" marking on the cam sprocket is at the topmost position (Fig. 26).