

CYLINDER/PISTON

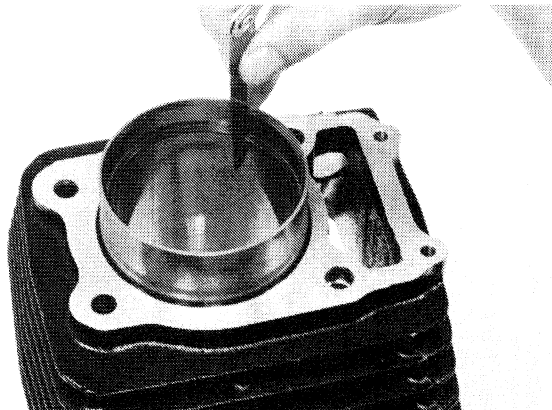
Insert each piston ring squarely into the cylinder and measure the ring end gap.

NOTE

- Push the rings into the cylinder with the top of the piston to be sure they are squarely in the cylinder.

SERVICE LIMIT:

TOP/SECOND: 0.55 mm (0.022 in)



Inspect the piston for wear or damage.

Measure the diameter of the piston 10 mm from the bottom and at 90° to the piston pin hole.

Calculate the piston-to-cylinder clearance.

SERVICE LIMIT: 80.90 mm (3.185 in)

Refer to page 7-3 for cylinder bore inspection.



Measure the piston pin hole I.D.

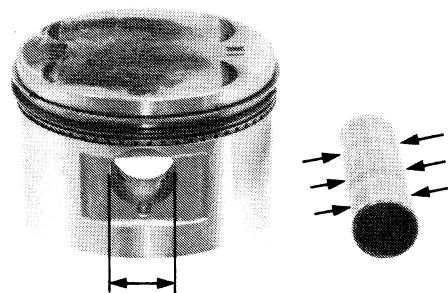
SERVICE LIMIT: 21.04 mm (0.828 in)

Measure the O.D. of the piston pin.

SERVICE LIMIT: 20.96 mm (0.825 in)

Calculate the piston-to-piston pin clearance.

SERVICE LIMIT: 0.02 mm (0.001 in)



Measure the connecting rod small end I.D.

SERVICE LIMIT: 21.10 mm (0.831 in)

