

CYLINDER/PISTON

PISTON/PISTON RING INSPECTION

Measure the piston ring-to-groove clearance.

SERVICE LIMIT:

Top/Second: 0.10 mm (0.004 in)

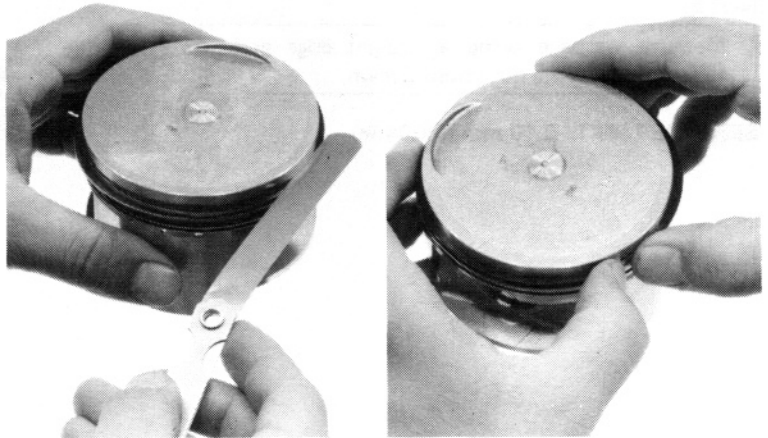
Oil: 0.10 mm (0.004 in)

Remove the piston rings and mark them to indicate the correct cylinder and piston position for re-assembly.

Inspect the piston for cracks or other damage and the ring grooves for excessive wear or carbon build-up.

NOTE:

Do not damage the piston rings when removing them.

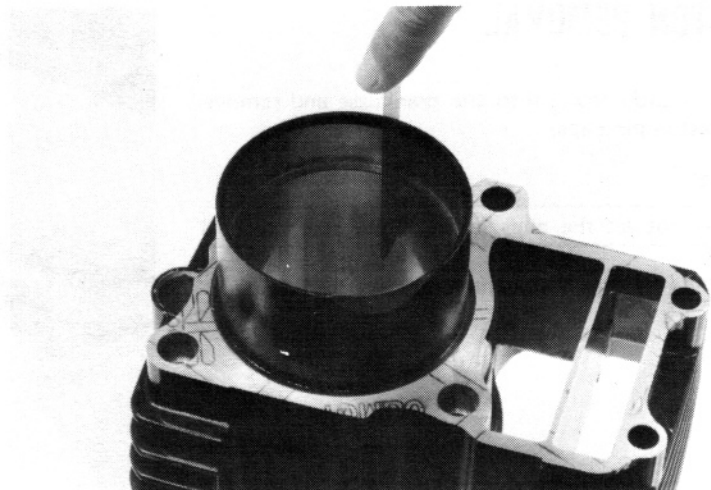


Measure the top and second piston ring end gaps; using a piston, push the ring into the cylinder squarely and make the measurement.

SERVICE LIMIT:

Top/Second: 0.50 mm (0.02 in)

Oil: 1.10 mm (0.04 in)



Measure the piston O.D.

NOTE:

Take measurements 10 mm (0.4 in) from the bottom, and 90° to the piston pin hole.

SERVICE LIMIT:

'83: 79.35 mm (3.124 in)

After '83: 76.09 mm (2.996 in)

Calculate the piston-to-cylinder clearance.

SERVICE LIMIT: 0.32 mm (0.013 in)

