

CYLINDER HEAD/CYLINDER/PISTON

Measure the piston pin bore I.D.

SERVICE LIMIT: 18.03 mm (0.710 in)

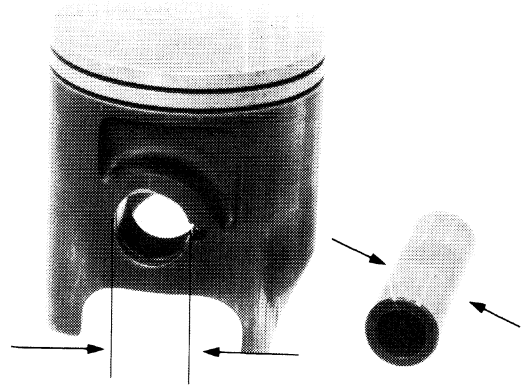
Check the piston pin for wear and excessive discoloration.

Measure the piston pin O.D.

SERVICE LIMIT: 17.98 mm (0.708 in)

Calculate the piston pin-to-piston clearance.

SERVICE LIMIT: 0.03 mm (0.001 in)

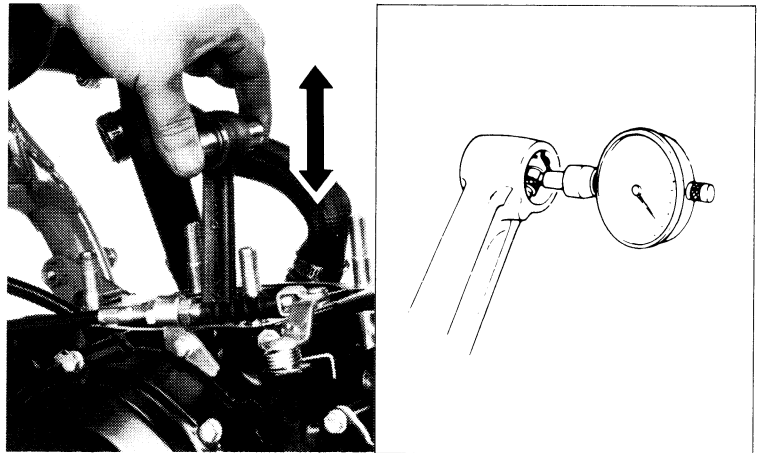


Install the bearing and piston pin in the connecting rod small end and check for excessive play. If it feels loose, measure the small end I.D.

SERVICE LIMIT: 22.022 mm (0.8670 in)

If not over the service limit, replace the piston pin and small end bearing.

If over the service limit, replace the crankshaft assembly.



Inspect the piston ring-to-groove clearance.

SERVICE LIMIT: 0.095 mm (0.0037 in)

