

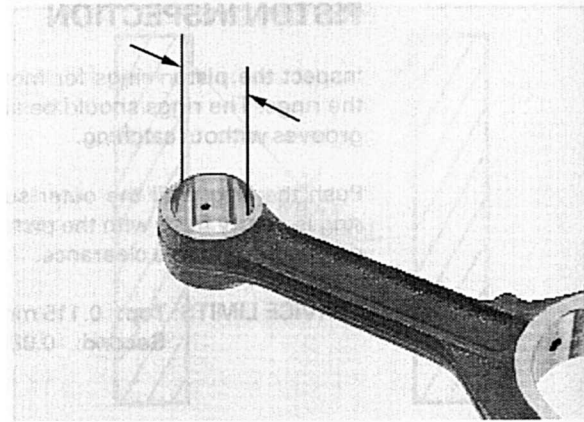
CRANKSHAFT/PISTON/CYLINDER

Measure the connecting rod small end I. D.

SERVICE LIMIT: 24.051 mm (0.9469 in)

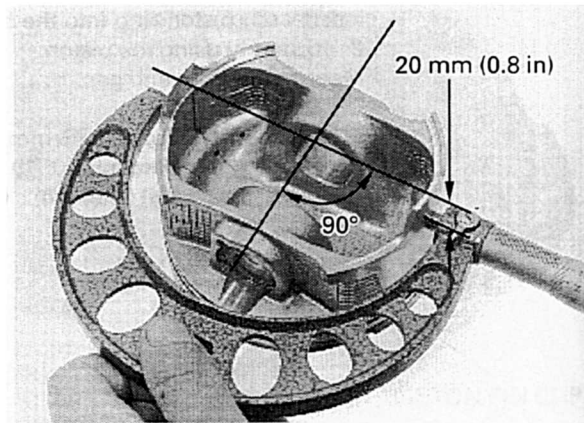
Calculate the connecting rod-to-piston pin clearance.

SERVICE LIMIT: 0.067 mm (0.0026 in)



Measure the piston O. D. at a point 20 mm (0.8 in) from the bottom and 90° to the piston pin hole.

SERVICE LIMIT: 97.900 mm (3.8543 in)



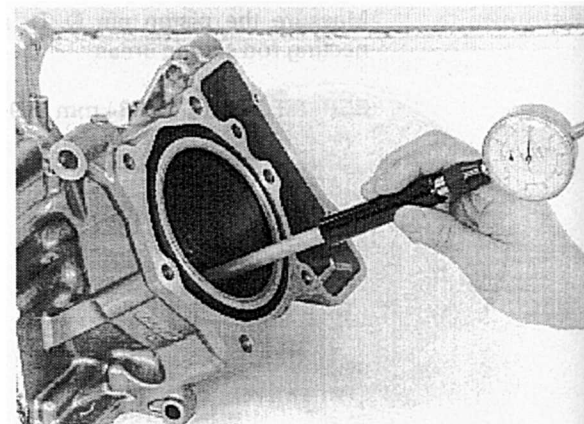
CYLINDER INSPECTION

Inspect the cylinder wall for scratch or wear. Measure the cylinder I. D. at three levels in an X and Y axis. Take the maximum reading to determine the cylinder wear.

SERVICE LIMIT: 98.100 mm (3.8622 in)

Calculate the cylinder-to-piston clearance.

SERVICE LIMIT: 0.200 mm (0.0079 in)



Calculate the cylinder taper and out-of-round at three levels in an X and Y axis. Take the maximum reading to determine the taper and out-of-round.

SERVICE LIMITS: Taper:

0.10 mm (0.004 in)

Out-of-round:

0.10 mm (0.004 in)

