

CYLINDER/PISTON

INSPECTION

Inspect the cylinder wall for scratches and wear. Measure and record the cylinder I.D. at three levels in both the X and Y axis. Take the maximum reading to determine the cylinder wear.

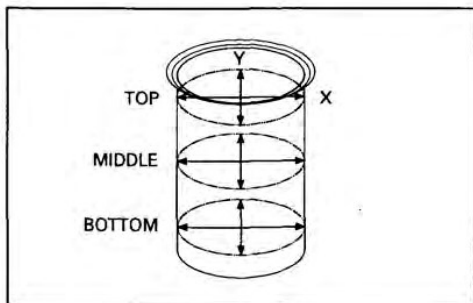
SERVICE LIMIT: 63.55 mm (2.502 in)

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

SERVICE LIMIT: 0.10 mm (0.004 in)

Calculate the cylinder for taper at three levels in an X and Y axis. Take the maximum reading to determine the taper.

SERVICE LIMIT: 0.10 mm (0.004 in)



Check the cylinder for warpage by placing a straight edge and a feeler gauge across the bolt holes as shown.

SERVICE LIMIT: 0.05 mm (0.002 in)



PISTON REMOVAL

NOTE:

Place a clean shop towel over the crankcase opening to prevent piston pin clips from falling into the crankcase.

Remove the piston pin clip using the pliers.

Remove the piston pin out and remove the piston.

Inspect the piston rings for movement by pressing the rings. The rings should be able to move in its groove without catching.

