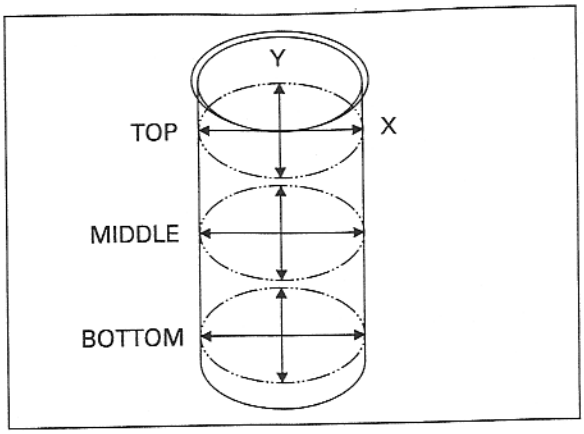
Calculate the cylinder for taper at three levels in an X and Y axis. Take the maximum reading to determine the taper.

SERVICE LIMIT: 0.05 mm (0.002 in)

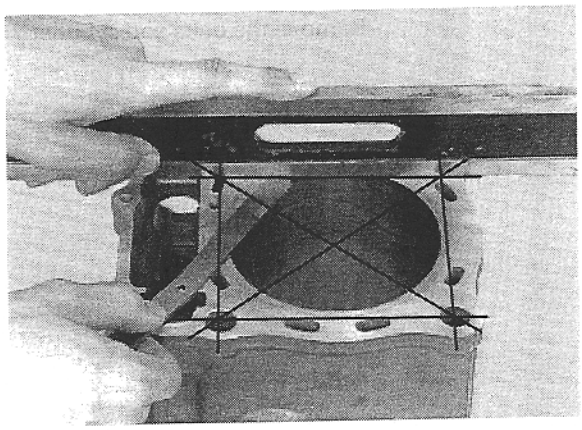
Calculate the cylinder for out-of-round at three levels in an X and Y axis. Take the maximum reading to determine the out-of-round.

SERVICE LIMIT: 0.05 mm (0.002 in)



Inspect the top of the cylinder for warpage.

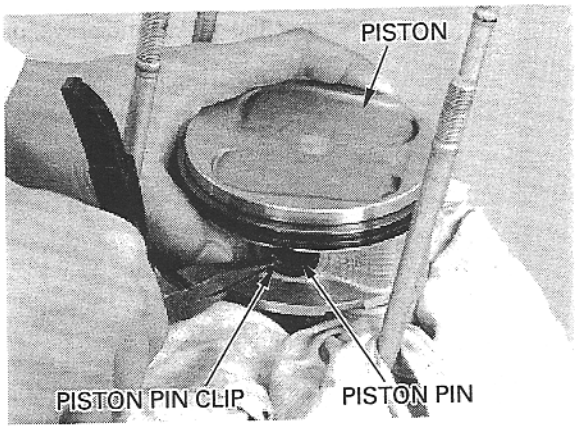
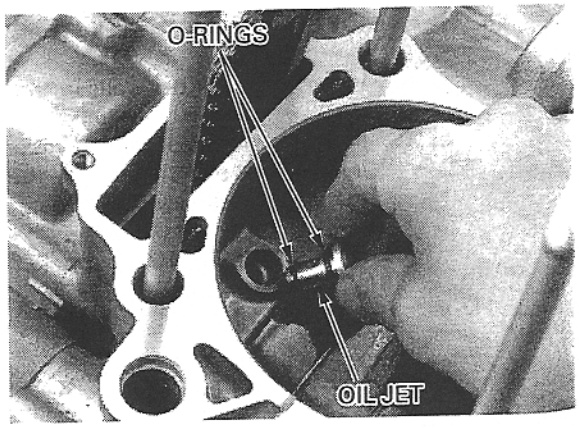
SERVICE LIMIT: 0.05 mm (0.002 in)



PISTON REMOVAL

Place clean shop towels in the crankcase to keep the piston pin clips, or other parts, from falling into the crankcase.

Remove the piston pin clips with pliers.
Remove the piston pin out of the piston.
Remove the piston.



Remove the oil jet and O-rings.
Inspect the oil jet for clogging and O-rings for wear or damage.