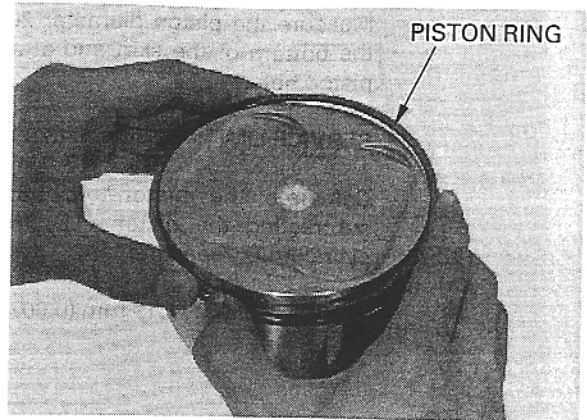


PISTON RING REMOVAL

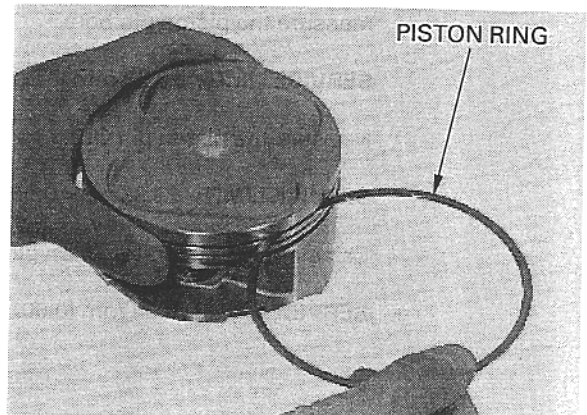
Spread each piston ring and remove by fitting it up at point on the other side of the gap.

CAUTION:

Piston rings are easily broken; take care not to damage them during removal.

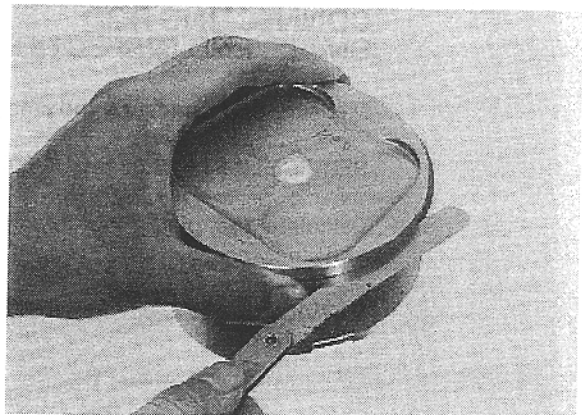


Remove the carbon or deposits from the piston head or piston ring grooves. Inspect the piston for damage and the ring grooves for wear.



Install the piston ring as shown. Measure the piston ring-to-groove clearance.

SERVICE LIMITS: TOP: 0.095 mm (0.0037 in)
SECOND: 0.075 mm (0.0030 in)



Insert each piston rings into the cylinder, about 42 mm (1.7 in) in from the bottom. To ensure that its square in the bore, use a piston to push it in. Measure the end gap.

SERVICE LIMITS: TOP: 0.55 mm (0.022 in)
SECOND: 0.70 mm (0.028 in)
OIL: 0.90 mm (0.035 in)

