

Spread each piston ring and remove it by lifting it up at a point just opposite the gap.

CAUTION:

- *Do not damage the piston ring by spreading the ends too far.*
- *Be careful not to damage the piston when the piston ring removal.*



Clean carbon deposits from the piston.

NOTE:

Clean carbon deposits from the piston ring grooves with a ring that will be discarded. Never use a wire brush; it will scratch the grooves.



INSPECTION

Inspect the piston for cracks or other damage.
Inspect the ring grooves for excessive wear and carbon build-up.
Measure each piston O.D.

NOTE:

Take measurements 6.5 mm (0.36 in) from the bottom, and 90° to the piston pin hole.

SERVICE LIMIT: 63.40 mm (2.496 in)

Calculate the cylinder-to-piston clearance. Take the maximum reading to determine the clearance (Cylinder I.D.: page 11-4).

SERVICE LIMIT: 0.90 mm (0.035 in)

Measure each piston pin bore I.D. in an X and Y axis.
Take the maximum reading to determine I.D.

SERVICE LIMIT: 15.055 mm (0.5927 in)

