



Measure the piston pin O.D.

STANDARD: 12.994–13.000 mm
(0.5116–0.5118 in)

SERVICE LIMIT: 12.98 mm (0.511 in)

Calculate the piston-to-piston pin clearance.

STANDARD: 0.002–0.014 mm
(0.0001–0.0006 in)

SERVICE LIMIT: 0.075 mm (0.0030 in)

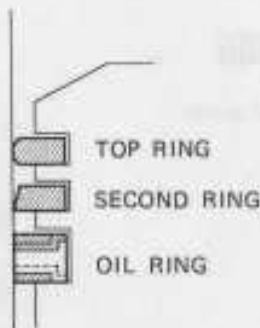


PISTON RING INSTALLATION

Install the piston rings with the markings facing up.

NOTE

- After installation, the rings should rotate freely.
- Do not mix the top and second rings.



Space the piston ring end gaps 120° degrees apart.
Do not align the gaps in the oil rings.

