



Inspection

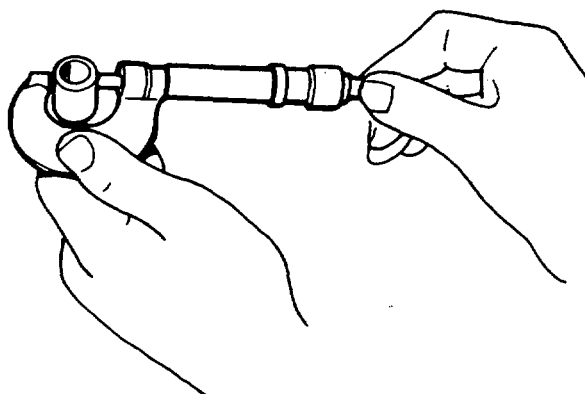
1. Measure the diameter of the piston pin.

Piston Pin Diameter:

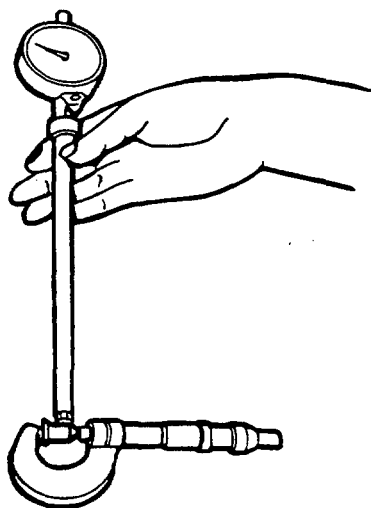
Standard (New): 18.994–19.000 mm
(0.7478–0.7480 in)

Oversize: 18.997–19.003
(0.7479–0.7481 in)

NOTE: All replacement piston pins are oversize.



2. Zero the dial indicator to the piston pin diameter.



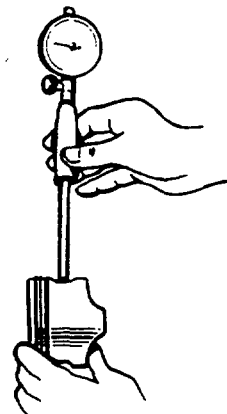
3. Measure the piston pin-to-piston clearance.

NOTE: Check the piston for distortion or cracks.

If the piston pin clearance is greater than 0.024 mm (0.0009 in), remeasure using an oversized piston pin.

Piston Pin-to-Piston Clearance:

Standard (New): 0.010–0.022
(0.0004–0.0009 in)



4. Check the difference between piston pin diameter and connecting rod small end diameter.

Piston Pin-to Connecting Rod Interference:

Standard (New): 0.014–0.040 mm
(0.0006–0.0016 in)

