

PISTON PIN INSPECTION

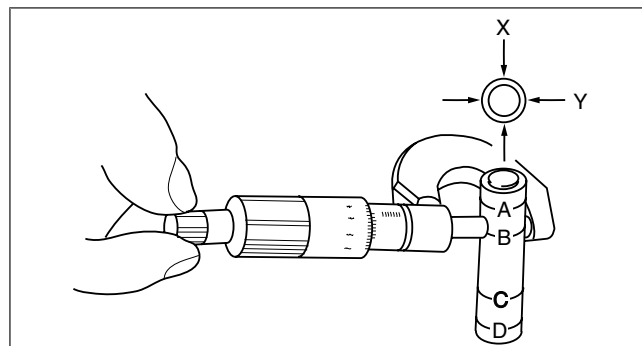
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Caution

- If the piston or piston pin is replaced, replace the piston, piston pin and the snap ring as a single component.

1. Measure the piston pin outer diameter using the micrometer. Measurement positions total eight and are in the X and Y directions, at four points (A, B, C, and D) as shown in the figure.

Standard piston pin outer diameter
25.995—26.000 mm {1.0235—1.0236 in}

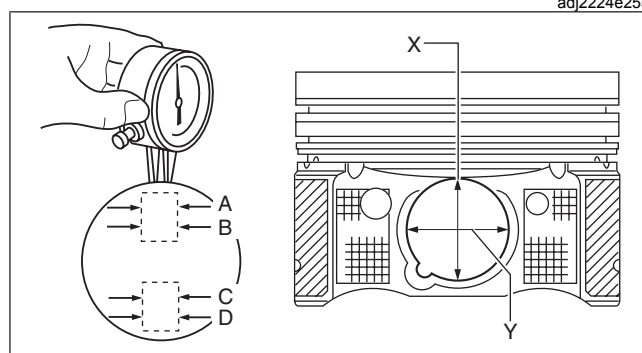


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2. Measure the piston pin hole diameter using the caliper gauge. Measurement positions total eight and are in the X and Y directions, at four points (A, B, C, and D) as shown in the figure.

Standard piston pin hole diameter
26.005—26.013 mm {1.0239—1.0241 in}

3. Calculate the clearance between the piston pin hole diameter and the piston pin outer diameter.
 - If it is not within the specification, replace the piston or the piston pin.



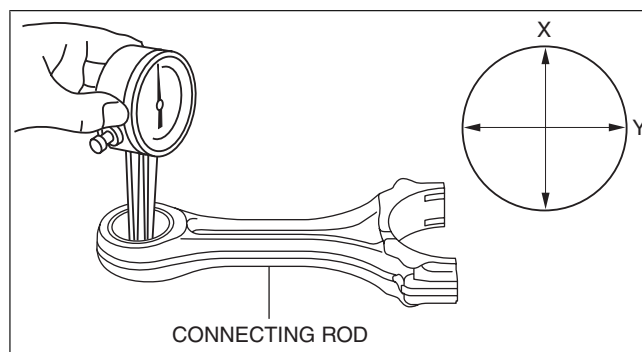
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Standard clearance between piston pin hole diameter and piston pin outer diameter
0.005—0.018 mm {0.0002—0.0007 in}

4. Measure the inner diameter on the small end of the connecting rod using the caliper gauge in the X and Y directions as shown in the figure.

Standard connecting rod small end inner diameter
26.010—26.021 mm {1.0241—1.0244 in}

5. Calculate the clearance between the inner diameter on the small end of the connecting rod and the piston pin outer diameter.
 - If it is not within the specification, replace the connecting rod or the piston pin.



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Standard clearance between connecting rod small end inner diameter and piston pin outer diameter
0.010—0.026 mm {0.0004—0.0010 in}