

Piston/Connecting Rod Assemblies



Inspection

1. Check the piston for distortion or cracks.

NOTE: If cylinder is bored, an oversized piston must be used.

2. Measure piston diameter at a point 17 mm (0.67 in) from the bottom of the skirt.

NOTE: There are two standard-size pistons (A = no letter and B). The letter is stamped on the top of the piston. These letters are also stamped on the block as cylinder bore sizes.

Piston A (no letter) Diameter

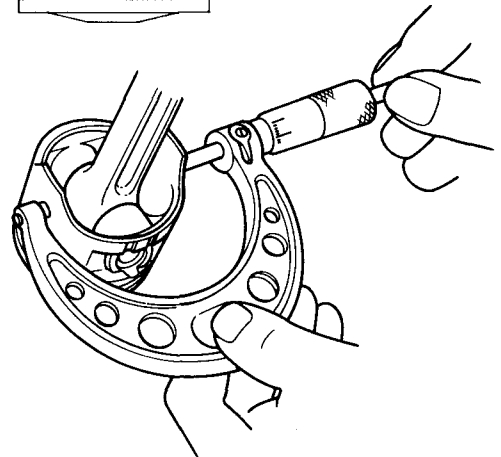
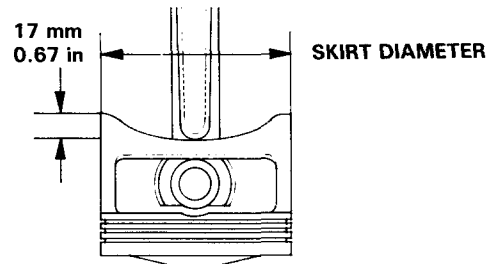
**Standard (New): 89.986–90.004 mm
(3.5427–3.5434 in)**

Service Limit: 89.97 mm (3.5421 in)

Piston B Diameter

**Standard (New): 89.976–89.994 mm
(3.5424–3.5431 in)**

Service Limit: 89.96 mm (3.5417 in)



(cont'd)

Piston/Connecting Rod Assemblies

Inspection (cont'd)

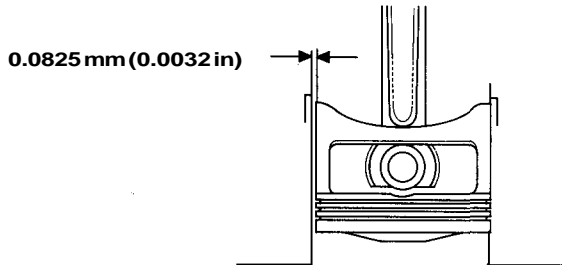
3. Calculate the difference between cylinder bore diameter on page 7-12 and piston diameter.

Piston-to-Block Clearance

Standard (New): 0.006—0.034 mm

(0.0002-0.0014 in)

Service Limit: 0.0825 mm (0.0032 in)



Oversize Piston Diameter

0.25: 90.226-90.244 mm (3.5522-3.5530 in)

0.50: 90.476-90.494 mm (3.5620-3.5627 in)