

## CYLINDER BLOCK INSPECTION

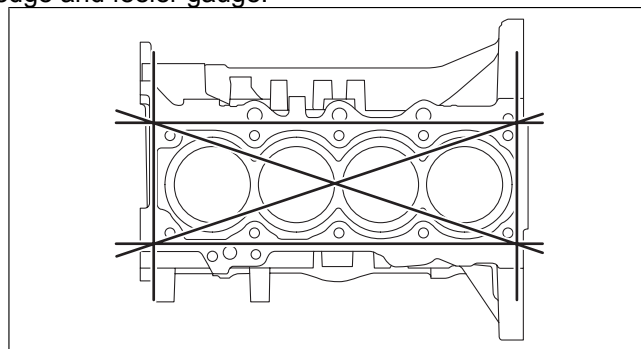
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1. Measure the distortion of the following using a straight edge and feeler gauge.

- (1) Measure the distortion in six directions as shown in the figure.
  - If it exceeds the maximum specification, replace the cylinder block.

**Maximum distortion, head gasket side of the cylinder block [Other than between cylinder bores]**

**0.10 mm {0.0039 in}**

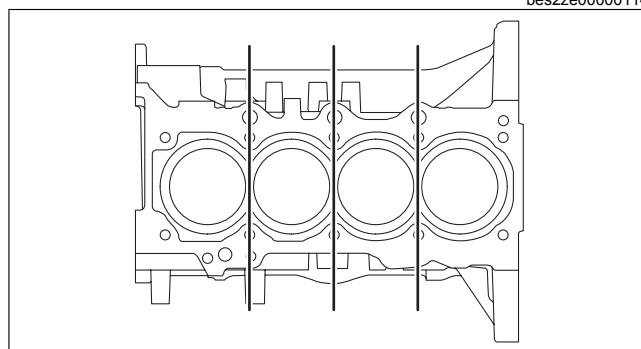


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- (2) Measure the distortion in three directions (between cylinder bores) as shown in the figure.
  - If it exceeds the maximum specification, replace the cylinder block.

**Maximum distortion, head gasket side of the cylinder block [between cylinder bores]**

**0.05 mm {0.002 in}**

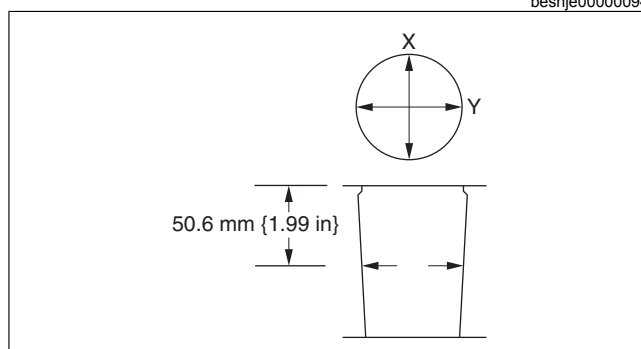


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2. Measure the cylinder bore diameter using the cylinder gauge. The measurement position is in the X and Y directions at a point **50.6 mm {1.99 in}** below the top surface of the cylinder as shown in the figure.
  - If it is not within the specification, replace the cylinder block.

**Standard cylinder bore diameter**

**86.000—86.022 mm {3.3859—3.3866 in}**



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