

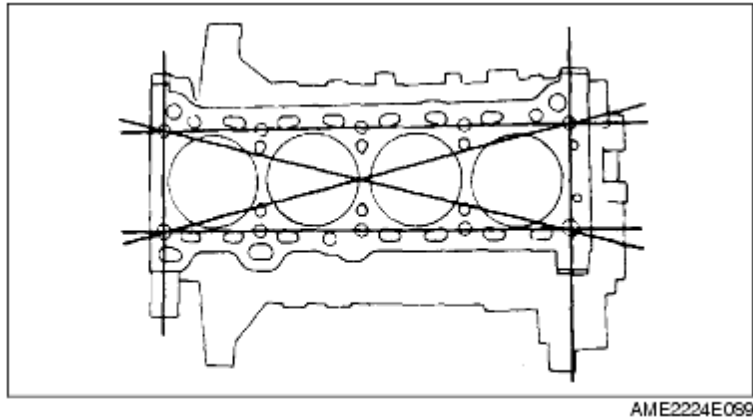
# CYLINDER BLOCK INSPECTION

A6E242410300E01

1. Measure the distortion of the cylinder block top surface in the six directions as indicated in the figure.

- If the distortion exceeds the maximum, replace the cylinder block.

Maximum cylinder block distortion:  
0.10 mm {0.004 in}



2. Measure the cylinder bores in X and Y directions at **42 mm {1.65 in}** below the top surface.

- If the cylinder bore exceeds the wear limit, replace the cylinder block.

Standard diameter limit

L8:

83.000-83.030 mm {3.2677-3.2689 in}

LF, L3, L3 (with variable valve timing mechanism):

87.500-87.530 mm {3.4449-3.4460 in}

Minimum / maximum bore diameter limit

L8:

82.940-83.090 mm {3.2653-3.2712 in}

LF, L3, L3 (with variable valve timing mechanism):

87.440-87.590 mm {3.4425-3.4484 in}

