

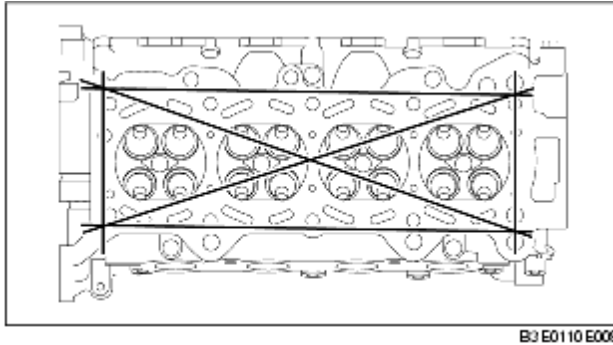
# CYLINDER HEAD INSPECTION

B3E011010100E03

1. Carry out the color contrast penetrate examination on the cylinder head surface.

- If there is a crack, replace the cylinder head.

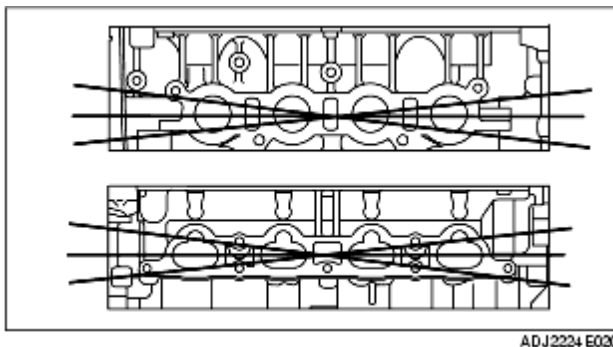
2. Measure the combustion chamber side of the cylinder head for distortion in six directions as shown in the figure using a straight edge and feeler gauge.



- If it exceeds the maximum specification, replace the cylinder head.

**Maximum distortion**  
**0.10 mm {0.0039 in}**

3. Measure the contact surface of the exhaust manifold and the intake manifold as shown in the figure for distortion using a straight edge and feeler gauge.



- If it exceeds the maximum specification, grind the surface or replace the cylinder head.

**Maximum distortion**  
**0.05 mm {0.002 in}**  
**Maximum grinding**  
**0.20 mm {0.008 in}**