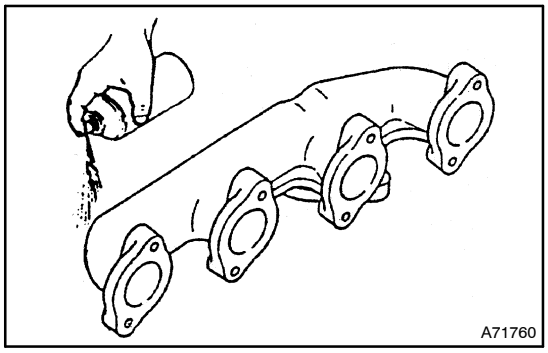
EXHAUST MANIFOLD (W04D–J)

1507V–01

INSPECTION


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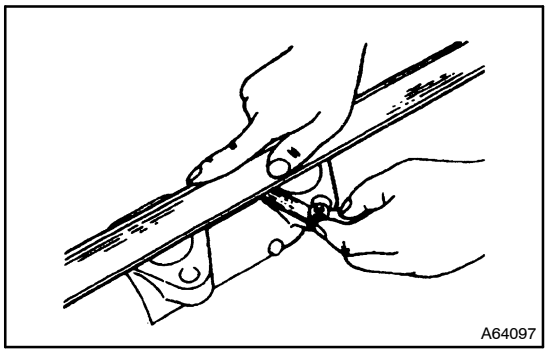
1. INSPECT EXHAUST MANIFOLD

HINT:

Clean the exhaust manifold with a commercial cleaning agent before the inspection.

(a) Using a dye penetrate, check the exhaust manifold for cracks.

If cracks are found, replace the manifold.


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(b) Using a precision straight edge and feeler gauge, measure the surface contacting the cylinder head for warpage.

Maximum warpage: 0.20 mm (0.0079 in.)

If the warpage is greater than the maximum, correct the exhaust manifold by grinding it so that the warpage is within 0.1 mm (0.004 in.) per 2 flanges or 0.1 mm (0.004 in.) per flange.

If damage such as deformation and wear is excessive, replace the manifold.