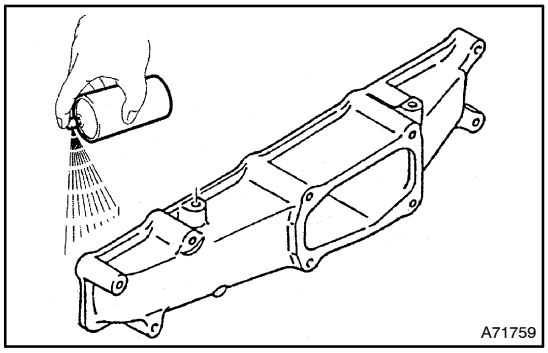
INTAKE MANIFOLD (W04D–J)

INSPECTION

1305E–01



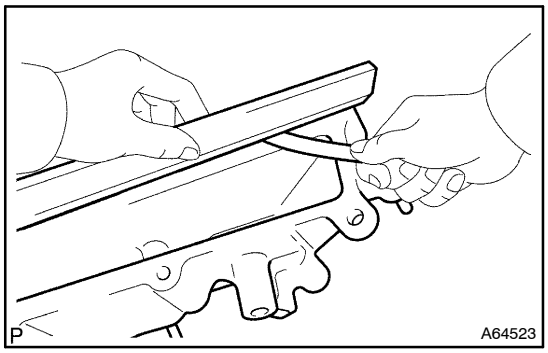
1. INSPECT INTAKE MANIFOLD

HINT:

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

(a) Using a dye penetrant, check the intake manifold for cracks.

If cracks are found, replace the manifold.



(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, replace the intake manifold.

(c) Visually check the seal surface of the intake manifold for deformation or wear.

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