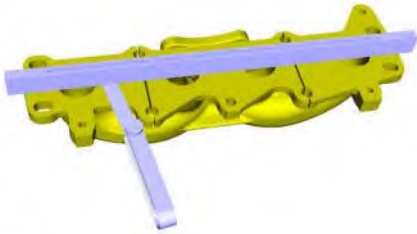


0.005 mm (0.0002 in) per running foot of length, such as Snap-On® GA438A or equivalent. For example, if the Straightedge is 61 cm (24 in) long, the machined edge must be flat within 0.010 mm (0.0004 in) from end to end.

Using the Straightedge and a Feeler Gauge Set, check the exhaust manifold sealing surface for warpage. If the warpage is greater than 0.76 mm (0.0299 in), install a new exhaust manifold.

Use the General Equipment: Feeler Gauge



E148369

GENERAL PROCEDURES > PISTON DIAMETER

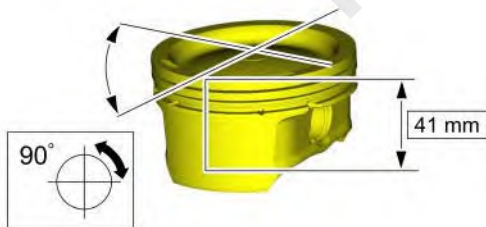
Check



NOTE: Refer to the appropriate Engine article for the specification.

1.

Measure the piston diameter 90 degrees from the piston pin and 41 mm (1.61 in) down from the top of the piston at the point indicated.



E148432

GENERAL PROCEDURES > PISTON INSPECTION

Inspection

1.