

Cylinder Head Distortion

Special Tool(s) / General Equipment

Feeler Gauge

Check

NOTE: Refer to the appropriate Section 303-01 for the specification.

1. **NOTE:** Make sure all cylinder head surfaces are clear of any gasket material, silicone sealant, oil and coolant. The cylinder head surface must be clean and dry before running a flatness check.

NOTE: Use a Straightedge that is calibrated by the manufacturer to be flat within 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 a Straightedge and a Feeler Gauge Set, inspect the cylinder head for flatness in the sequence shown.

Use the General Equipment: Feeler Gauge

