

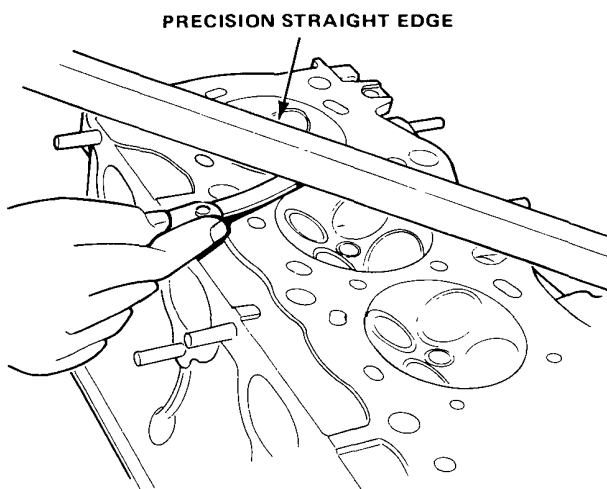
Cylinder Head

Warpage

NOTE: If camshaft bearing clearances (page 6-5) are not within specification, the head cannot be resurfaced.

If camshaft bearing radial clearances are within specifications, check head for warpage.

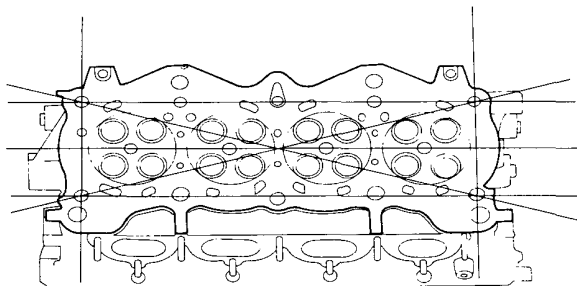
- If warpage is less than 0.05 mm (0.002 in.) cylinder head resurfacing is not required.
- If warpage is between 0.05 mm (0.002 in.) and 0.2 mm (0.008 in.), resurface cylinder head.
- Maximum resurface limit is 0.2 mm (0.008 in.) based on height of 132.0 mm (5.20 in.)



Cylinder Head Height:

New: 132.0 mm (5.20 in.)
Service Limit: 131.8 mm (5.19 in.)

Measure along edges, and 3 ways across center.



Valve Guide

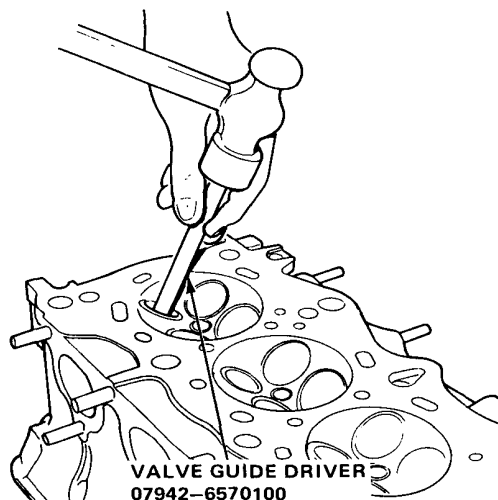
Replacement

NOTE:

- For best results, heat cylinder head to 150°C (300 °F) before removing or installing guides.
- It may be necessary to use an air hammer to remove some valve guides.

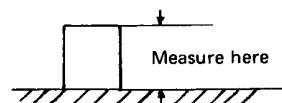
CAUTION: To avoid burns, use heavy gloves when handling heated cylinder head.

1. Drive the valve guide out from the bottom of the cylinder head.



2. Drive in a new valve guide to the specified depth.

Intake: 20.0 mm (0.79 in.)
Exhaust: 19.0 mm (0.75 in.)



NOTE: If using adjustable valve guide driver 07743-0020000, adjust the collar depth to correspond with the measurements given above.

