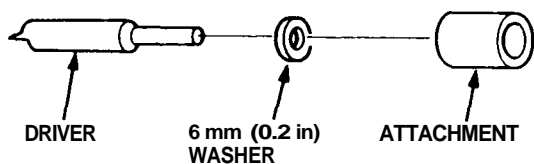


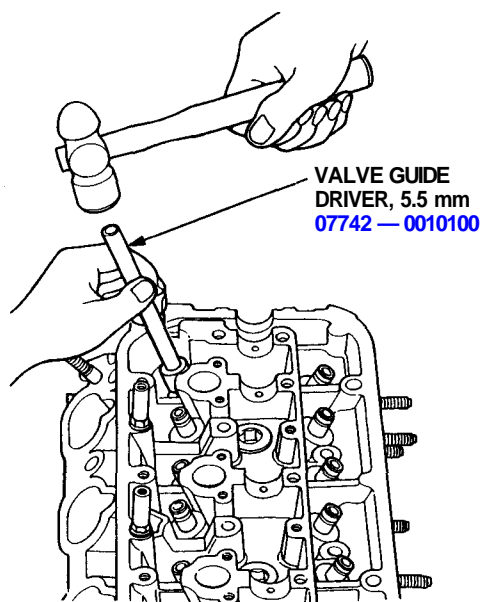
Valve Guides

Replacement (cont'd)

7. Slip a 6 mm (0.2 in) steel washer and the correct driver attachment over the end of the driver (The washer will absorb some of the impact and extend the life of the driver).



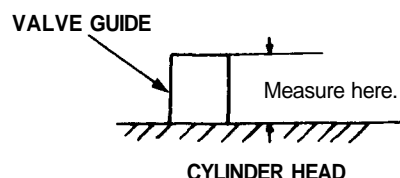
8. Install the new guide(s) from the camshaft side of the head; drive each one in until the attachment bottoms on the head. If you have all twelve guides to do, you may have to reheat the head one or two more times.



Valve Guide Installed Height:

Intake: 15.75 — 16.25 mm (0.620 — 0.640 in)

Exhaust: 15.75 — 16.25 mm (0.620 — 0.640 in)



Reaming

NOTE: For new valve guides only.

1. Coat both reamer and valve guide with cutting oil.
2. Rotate the reamer clockwise the full length of the valve guide bore.
3. Continue to rotate the reamer clockwise while removing it from the bore.
4. Thoroughly wash the guide in detergent and water to remove any cutting residue.
5. Check clearance with a valve (see page 6-19).
— Verify that the valve slides in the valve guide without exerting pressure.

