

CYLINDER HEAD/VALVES

VALVE GUIDE REPLACEMENT

Heat the cylinder head to 100°–150°C (212°–300°F) with a hot plate or oven.

WARNING

To avoid burns, wear heavy gloves when handling the heated cylinder head.

CAUTION

Do not use a torch to heat the cylinder head; it may cause warping.

Support the cylinder head and drive out the old guides from the combustion chamber side of the cylinder head.

CAUTION

Avoid damaging the cylinder head.

Place a new O-ring on the new valve guide. Drive in the guide from the top of the head.

NOTE

Inspect the valve guide for damage.

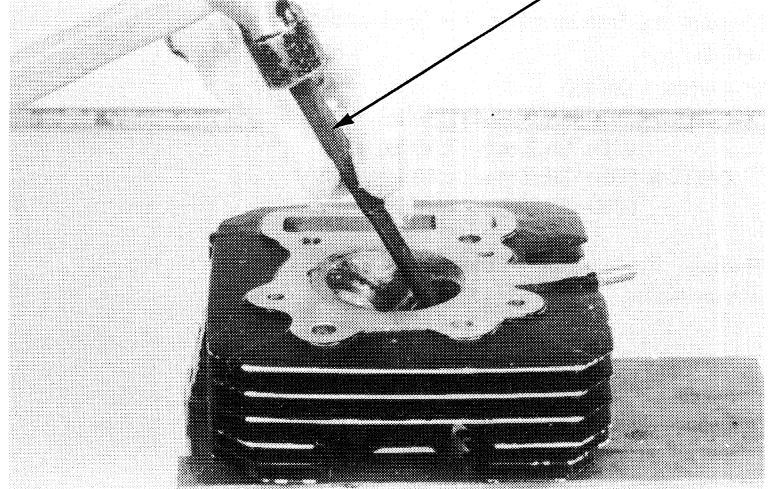
Ream the new valve guide after installation.

NOTE

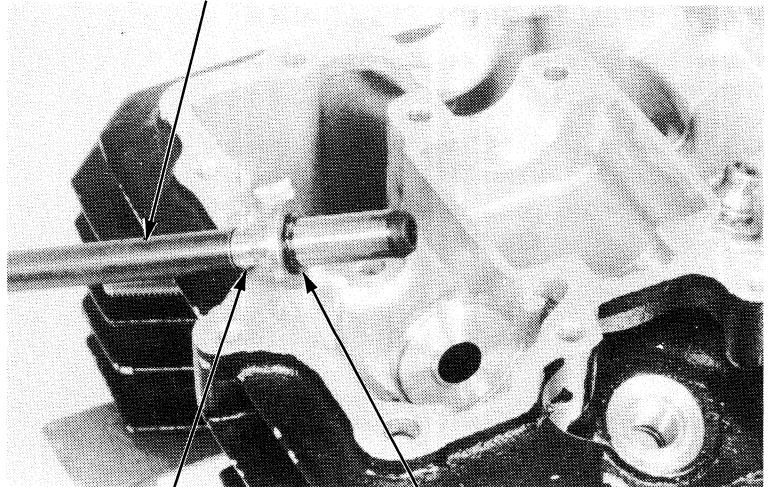
- Use cutting oil on the reamer during this operation.
- Always rotate the reamer in the same direction.

Clean the cylinder head thoroughly to remove any metal particles.
Reface the valve seat (Page 6-11).

VALVE GUIDE REMOVER
07742-0010100 OR 07942-3290100



VALVE GUIDE REMOVER
07742-0010100 OR 07942-3290100



VALVE GUIDE O-RING

VALVE GUIDE REAMER
07984-2000000 or 07984-200000A (U.S.A. only)

