

## CYLINDER HEAD/VALVE

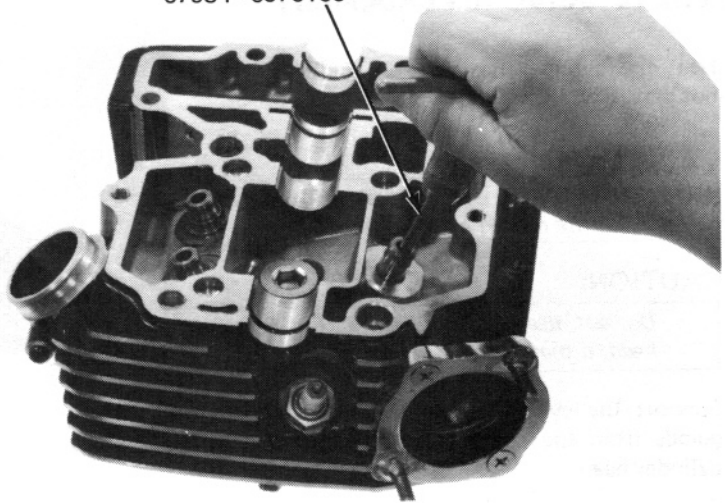
Ream the new valve guides after installation.

### NOTE:

- Use cutting oil on the reamer during this operation.
- It is important that the reamer always be rotated in the same direction when it is inserted or removed.

Clean the head thoroughly after reaming the valve guides.

VALVE GUIDE REAMER  
07984-6570100



## VALVE SEAT INSPECTION/REFACING

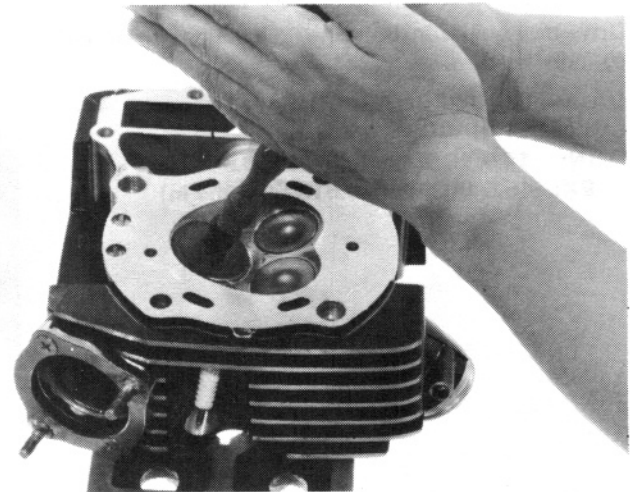
Clean all intake and exhaust valves thoroughly to remove carbon deposits.

Apply a light coating of Prussian Blue to each valve seat. Lap each valve and seat using a rubber hose or other hand-lapping tool.

Remove and inspect each valve.

### CAUTION:

*The valve cannot be ground. If the valve face is burned or badly worn or if it contacts the seat unevenly, replace the valve.*



Inspect the width of each valve seat.

**STANDARD:** 1.1–1.3 mm (0.04–0.05 in)

**SERVICE LIMIT:** 2.0 mm (0.08 in)

If the seat is too wide, too narrow or has low spots, the seat must be ground.

