

VALVE SEAT INSPECTION

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

Apply light coating of Prussian Blue to the valve seats. Lap the valves and seats using a rubber hose or other hand lapping tool.

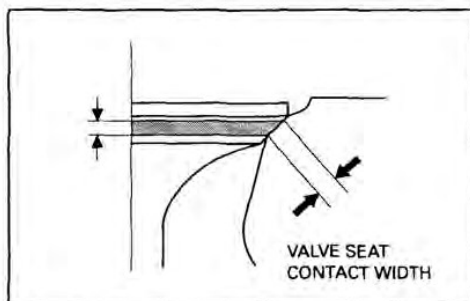


Remove the valve and inspect the width of each valve seat.

STANDARD: 1.2 – 1.6 mm (0.05 – 0.06 in)

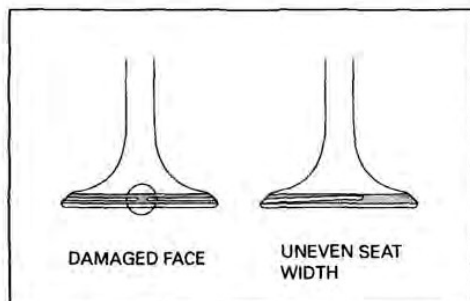
SERVICE LIMIT: 1.9 mm (0.07 in)

Valve seat width is not within specification, reface the valve seat (page 10-15).



CAUTION:

The valve cannot be ground. If a valve face is burned or badly worn or it contact the seat unevenly, replace the valve.



If the valve seat is following conditions, the seat must be ground.

- Uneven seat width:
 - Bent or collapsed valve stem;
Replace the valve and reface the valve seat.
- Damaged face:
 - Replace the valve and reface the valve seat.
- Contact area (too high or too low area):
 - Reface the valve seat.

