

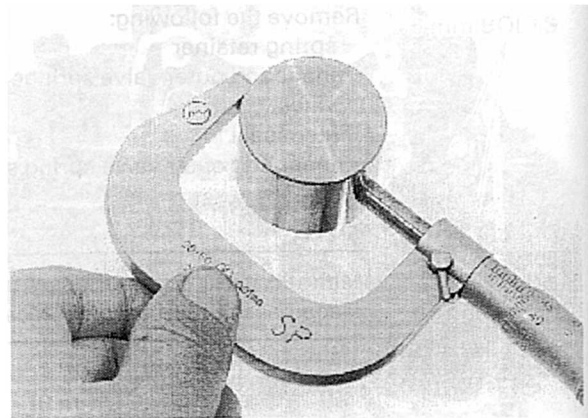
## CYLINDER HEAD/VALVE

### VALVE LIFTER

Check the valve lifter for scoring, scratches or damage.

Measure the each valve lifter O.D.

**SERVICE LIMIT:** 33.97 mm (1.337 in)

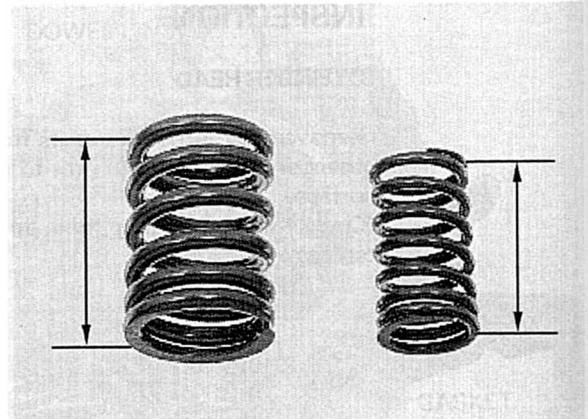


### VALVE SPRING

Measure the valve spring free length.

**SERVICE LIMITS: Inner:** 36.0 mm (1.42 in)

**Outer:** 40.9 mm (1.61 in)



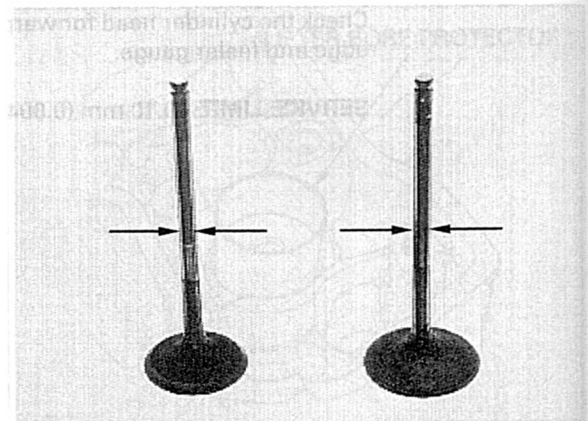
### VALVE/VALVE GUIDE

Check that the valve moves smoothly in the guide.  
Check the valve for bending, burning or abnormal wear.

Measure each valve stem O.D. and record it.

**SERVICE LIMITS: IN:** 5.965 mm (0.2348 in)

**EX:** 5.955 mm (0.2344 in)



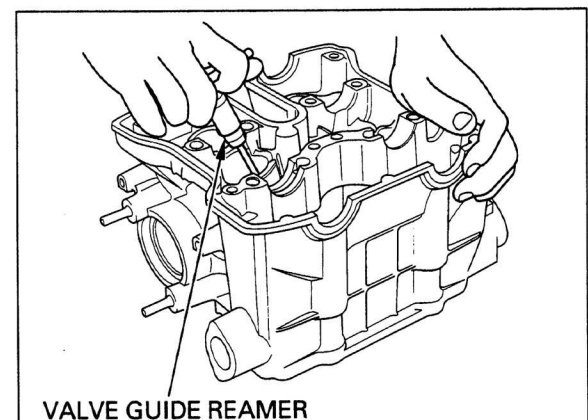
Ream the valve guide to remove any carbon build-up before measuring the guide.

Insert the reamer from the combustion chamber side of the head and always rotate the reamer clockwise.

**TOOL:**

**Valve guide reamer**

07VMH-MBB0200



VALVE GUIDE REAMER