



### VALVE SPRING FREE LENGTH

Measure the free length of the inner and outer valve springs.

**SERVICE LIMITS:**

**INNER SPRING: 35.5 mm (1.40 in)**

**OUTER SPRING: 40.2 mm (1.58 in)**

Replace them if they are shorter than the service limit.



### VALVE STEM-TO-GUIDE CLEARANCE

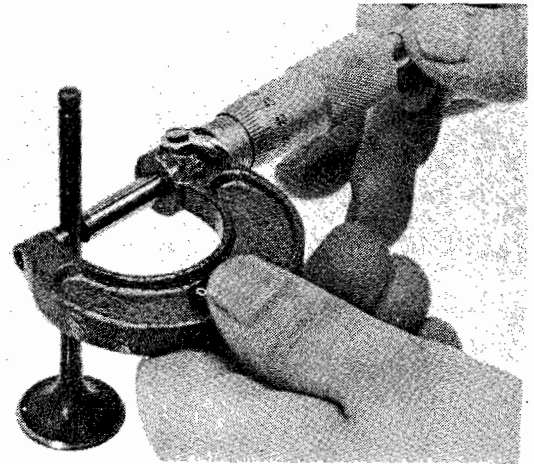
Inspect each valve for bending, burning, scratches or abnormal stem wear.

Check valve movement in the guide. Measure and record each valve stem O.D.

**SERVICE LIMITS:**

**IN: 4.97 mm (0.195 in)**

**EX: 4.94 mm (0.194 in)**



VALVE GUIDE REAMER  
07984-MA60000

Ream the guides to remove any carbon build-up before checking clearance.

