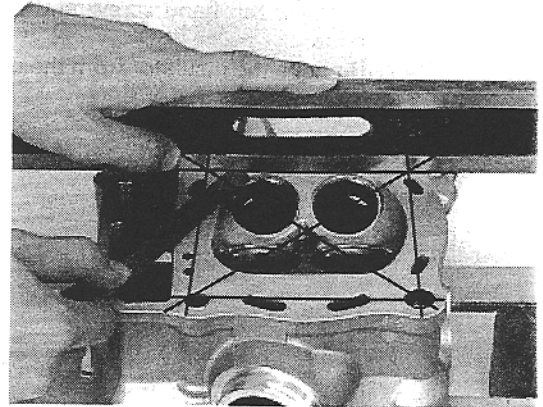


## CYLINDER HEAD/VALVES

Check the cylinder head diagonally two ways for warpage with a straight edge and feeler gauge.

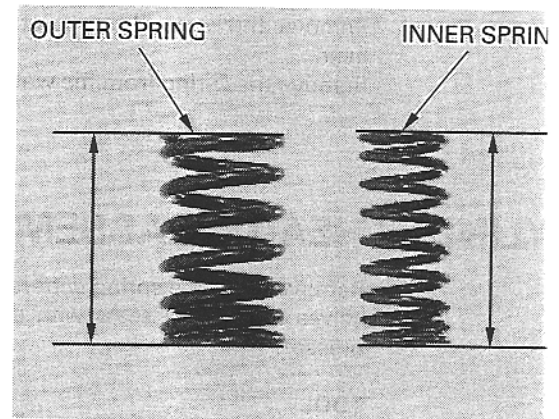
**SERVICE LIMIT:** 0.10 mm (0.004 in)



### VALVE SPRING INSPECTION

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

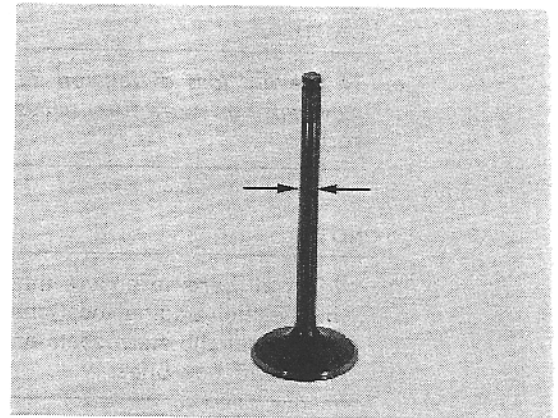
**SERVICE LIMITS:** INNER: 43.0 mm (1.69 in)  
OUTER: 44.2 mm (1.74 in)



### VALVE INSPECTION

Inspect each valve for trueness, burning, scratches or abnormal stem wear.  
Check the valve movement in the guide. Measure and record each valve stem O.D.

**SERVICE LIMITS:** INTAKE: 6.56 mm (0.258 in)  
EXHAUST: 6.55 mm (0.258 in)



### VALVE GUIDE INSPECTION

Ream the guides to remove the carbon build-up before checking the valve guide I.D.

**TOOL:**  
Valve guide reamer 07984-ZE20001

