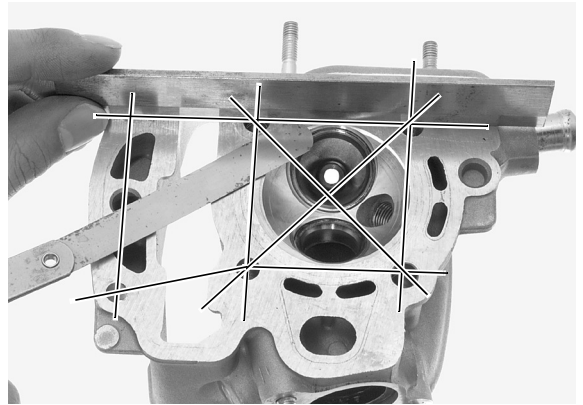


INSPECTION

CYLINDER HEAD

Check the spark plug hole and valve areas for cracks.
Check the cylinder head for warpage with a straight edge and feeler gauge.

SERVICE LIMIT: 0.05 mm (0.002 in)



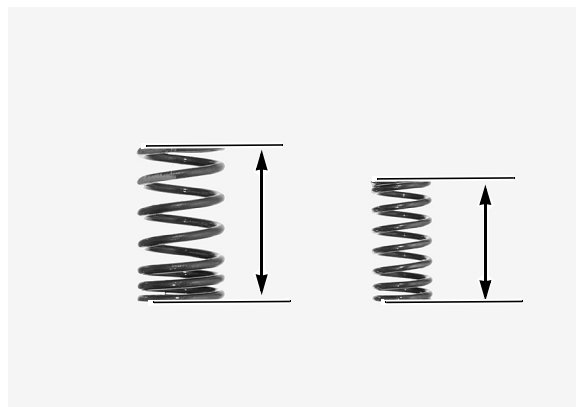
VALVE SPRING

Measure the free length of the valve springs.

SERVICE LIMIT:

Outer (IN/EX): 37.04 mm (1.458 in)

Inner (IN/EX): 30.66 mm (1.207 in)

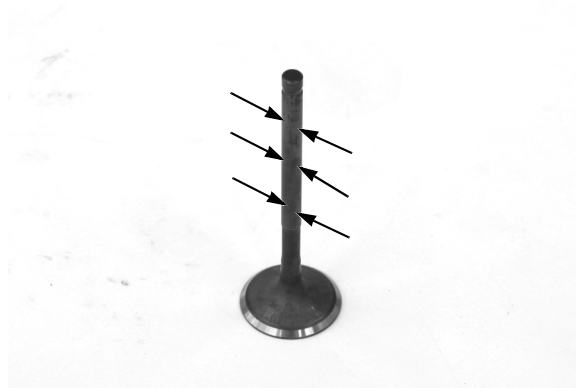


VALVE/VALVE GUIDE

Check that the valve moves smoothly in the guide.
Check each valve for bends, burns, scratches or abnormal wear.

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

SERVICE LIMIT: IN/EX: 4.90 mm (0.193 in)



Always rotate the reamer clockwise, never counterclockwise when inserting, removing and reaming.

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

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

TOOL:

Valve guide reamer, 5.0 mm 07984-MA60001

