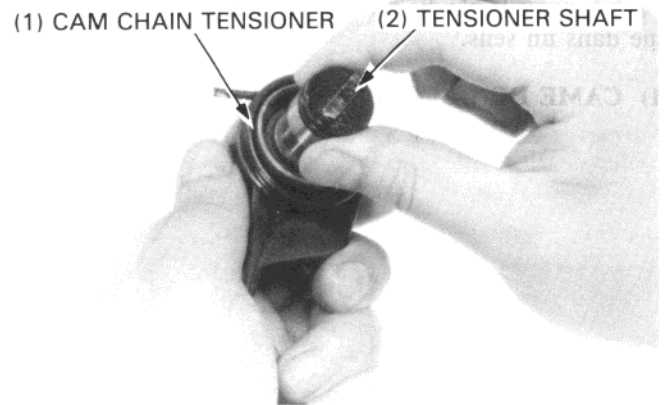


CYLINDER HEAD/VALVES

CAM CHAIN TENSIONER INSPECTION

Insert the tensioner shaft into the tensioner and inspect the tensioner by turning the shaft. The tensioner shaft should turn clockwise freely and should not turn counterclockwise.

Check the tensioner lifter and tensioner shaft for excessive or abnormal wear or damage.



CYLINDER HEAD DISASSEMBLY

Remove the valve spring cotters, retainers, springs, and valves with a valve spring compressor.

TOOL:
VALVE SPRING COMPRESSOR 07757-0010000 or
07957-3290001

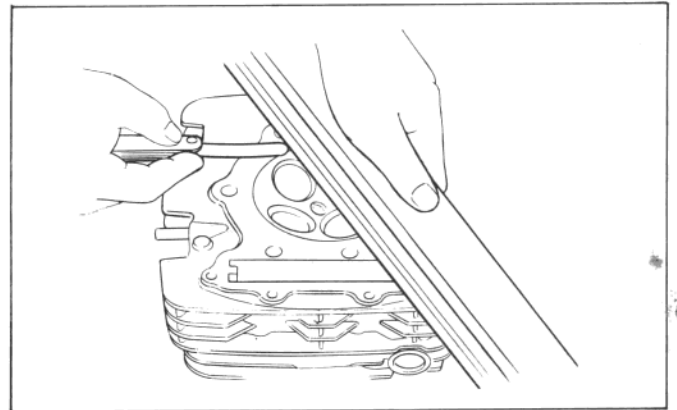
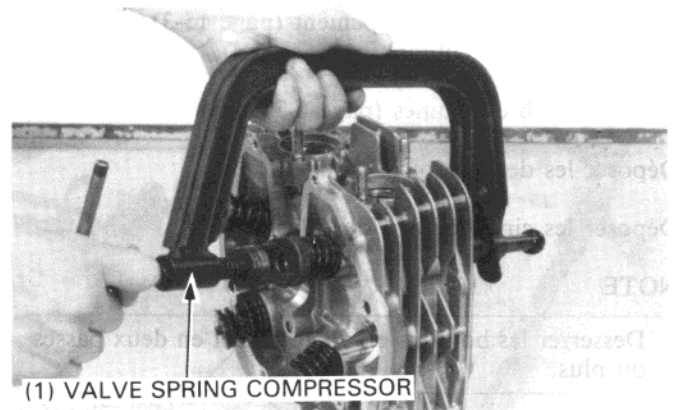
CAUTION

- To prevent loss of tension, do not compress the valve springs more than necessary to remove the cotters.

NOTE

- Mark all parts to ensure that they are reassembled in their original locations.

Remove the spring seats and valve stem seals. Remove any carbon deposits from the combustion chamber. Carefully clean any gasket material from the cylinder head mating surfaces.



CYLINDER HEAD INSPECTION

Check the spark plug hole and valve areas for cracks. Check the cylinder head for warpage with a straight edge and a 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: 34.1 mm (1.34 in)
OUTER: 35.0 mm (1.38 in)

