

CYLINDER HEAD/VALVES

If you plan to replace the camshaft and/or cam sprocket, loosen the cam sprocket bolts as follow:

NOTE:

It is not necessary to remove the cam sprocket from the camshaft except when replacing the camshaft and/or cam sprocket.

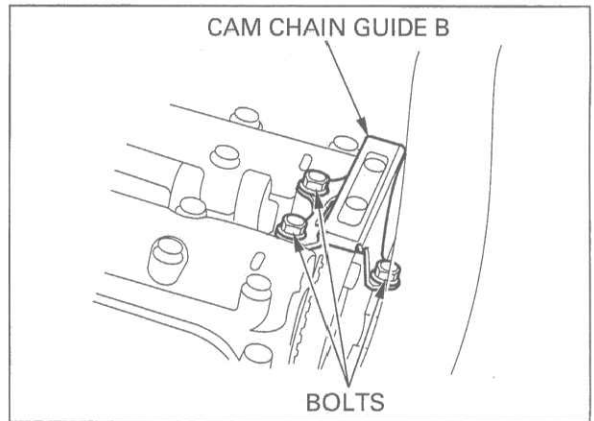
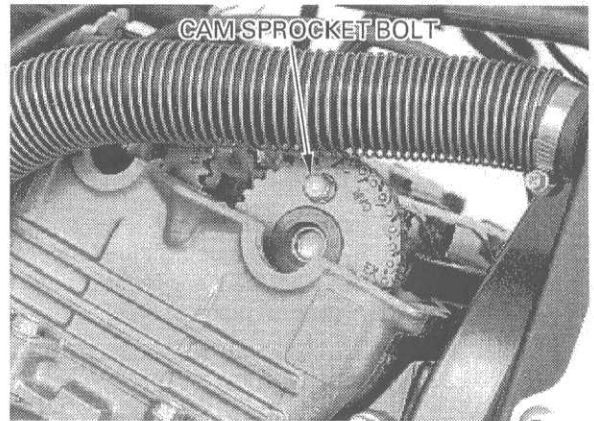
- Remove the cam sprocket bolt from intake and exhaust camshafts.

NOTE:

Be careful not to drop the cam sprocket bolts into the crankcase.

- Turn the crankshaft one full turn (360°), remove the other cam sprocket bolt from the camshafts.
- Remove the cam sprocket from the camshaft.

Remove the bolts and cam chain guide B.



Loosen and remove the camshaft holder bolts, then remove the camshaft holders and camshafts.

CAUTION:

From outside to inside, loosen the bolts in a crisscross pattern in several steps or the camshaft holder might break.

NOTE:

- Suspend the cam chain with a piece of wire to prevent the chain from falling into the crankcase.
- It is not necessary to remove the dowel pins from the camshaft holders.

Remove the valve lifters and shims.

NOTE:

- Be careful not to damage the valve lifter bore.
- Shim may stick to the inside of the valve lifter. Do not allow the shims to fall into the crankcase.
- Mark all valve lifters and shims to ensure correct reassembly in their original locations.
- The valve lifter can be easily removed with a valve lapping tool or magnet.
- The shims can be easily removed with a tweezers or magnet.

