

CYLINDER HEAD/VALVES

CAM CHAIN GUIDE B

Inspect the cam chain slipper surface of the cam chain guide for wear or damage.

CAM CHAIN GUIDE B

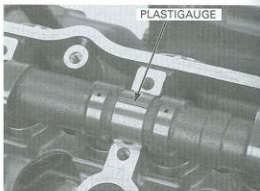


CAMSHAFT OIL CLEARANCE

Wipe any oil from the journals of the camshaft, cylinder head and camshaft holders.

Lay a strip of plastigauge lengthwise on top of each camshaft journal.

PLASTIGAUGE



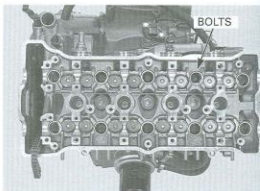
Do not rotate the camshaft when using plastigauge.

Install the camshaft holder onto the camshafts.

Apply engine oil to the threads and seating surfaces of the camshaft holder bolts.

Install the twenty holder bolts with the eight sealing washers.

BOLTS



The camshaft holder have the number "1 thru, 20". Temporarily tighten the four bolts of the center area gradually in the sequence 6 - 5 - 8 - 7 until the dowel pins on the camshaft holder inserts into the pin holes in the cylinder head (the clearance between the holder and head is 1 - 5 mm).

Next, tighten all the holder bolts in the numerical order cast on the camshaft holder (1 thru, 20) in several steps, then tighten them to the specified torque.

TORQUE: 12 N·m (1.2 kgf·m, 9 lbf·ft)

Remove the camshaft holders and measure the width of each plastigauge.

The widest thickness determines the oil clearance.

SERVICE LIMIT: 0.10 mm (0.004 in)

When the service limits are exceeded, replace the camshaft and recheck the oil clearance.

Replace the cylinder head and camshaft holders as a set if the clearance still exceeds the service limit.

