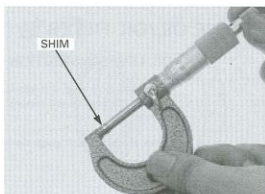


Sixty-five different shim thicknesses are available from 1.200 mm to 2.800 mm in intervals of 0.025 mm.

Measure the shim thickness and record it.



Calculate the new shim thickness using the equation below.

$$A = (B - C) + D$$

- A: New shim thickness
- B: Recorded valve clearance
- C: Specified valve clearance
- D: Old shim thickness

- Make sure of the correct shim thickness by measuring the shim by micrometer.
- Reface the valve seat if carbon deposit result in a calculated dimension of over 2.800 mm.

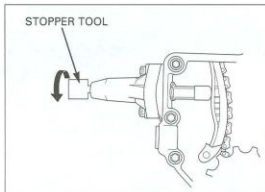


Install the newly selected shim on the valve retainer. Apply molybdenum disulfide oil to the valve lifters. Install the valve lifters into the valve lifter holes.

Install the camshaft (page 8-23).

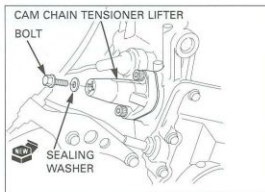
Rotate the camshafts by rotating the crankshaft clockwise several times. Recheck the valve clearance.

Remove the cam chain tensioner stopper tool.



Install the new sealing washer and cam chain tensioner lifter sealing bolt. Tighten the bolt securely.

Install the removed parts in the reverse order of removal.



Install the shims and valve lifters in their original locations.