

Measure the shim thickness and record it.

NOTE:

Fifty-one different thickness shims are available from the thinnest (1.200 mm thickness) shim to the thickest (2.450 mm thickness) in intervals of 0.025 mm.

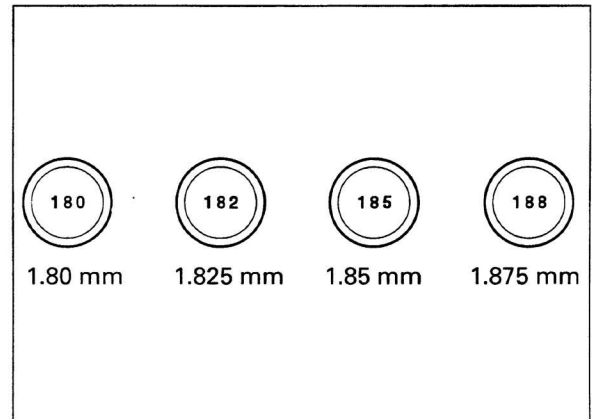
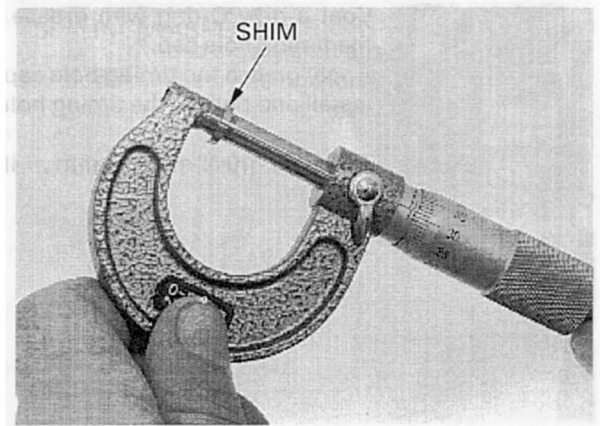
Calculate the new shim thickness using the equation below.

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

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

NOTE:

- Make sure of the correct shim thickness by measuring the shim with the micrometer.
- Reface the valve seat if carbon deposits result in a calculated dimension of over 2.450 mm.

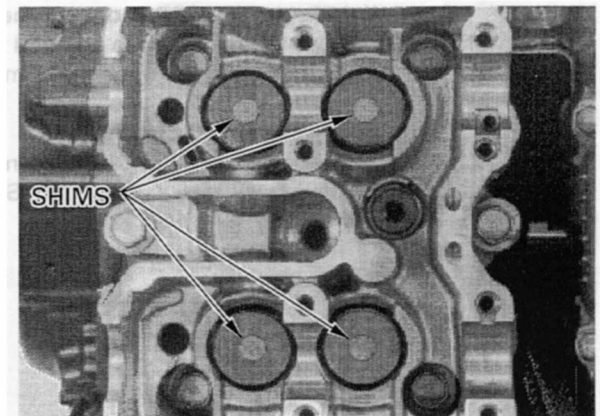


Install the newly selected shims on the valve retainers.

Install the valve lifters and camshafts (page 8-19).

Rotate the camshafts by rotating the crankshaft counterclockwise several times.
Recheck the valve clearances.

Install the cylinder head covers (page 8-23).



Coat a new O-ring with grease and install it onto the crankshaft hole cap.

Apply grease the crankshaft hole cap threads.
Install and tighten the crankshaft hole cap.

TORQUE: 15 N·m (1.5 kgf·m , 11 lbf·ft)

