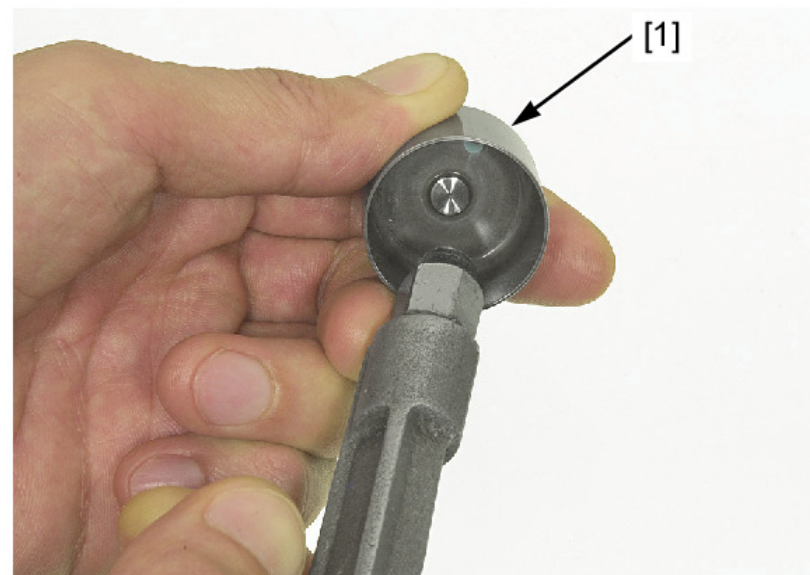


INTAKE VALVE CLEARANCE ADJUSTMENT

Remove the valve lifter and shim.

Clean the valve shim contact area in the valve lifter [1] with compressed air.



Measure the shim [1] thickness and record it.

NOTE:

- Fifty-one different shim thicknesses are available in increments of 0.025 mm (from 1.200 mm to 2.450 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 newly selected shims on the valve retainers.

[Install the valve lifter and camshaft.](#)

Rotate the crankshaft counterclockwise several times and recheck the valve clearances.

