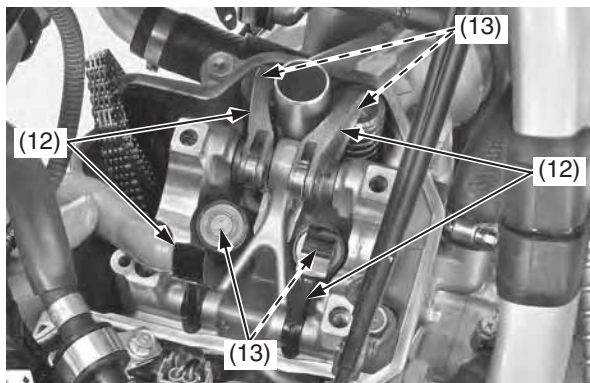


- Lift the rocker arms (12) up and remove the shims (13).



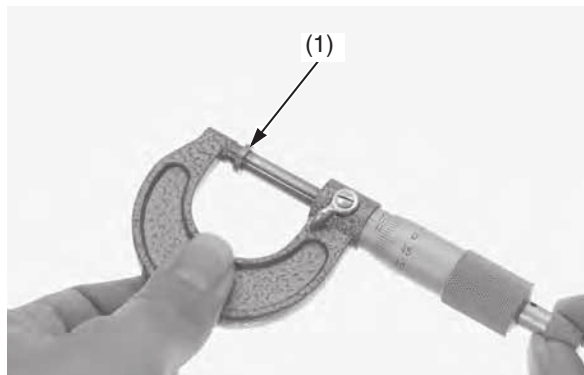
(12) rocker arms  
(13) shims

### NOTICE

*Be careful not to damage the intake rocker arms. Do not clean the intake rocker arms using a commercially available compound cleaner.*

### Shim Selection

- Measure the shim thickness with a micrometer and record it.  
Seventy-three different shims (1) are available in 0.025 mm thickness intervals, from 1.200 mm (the thinnest) to 3.000 mm (the thickest).



(1) shim

- 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 with a micrometer.
- Reface the exhaust valve seat if carbon deposits result in a calculated dimension of over 3.000 mm.

### NOTICE

*Do not lap the intake valves. They are titanium and have a thin oxide coating. Lapping will damage this coating.*

If a calculated dimension is out of specifications, have your motorcycle inspected by your dealer.

