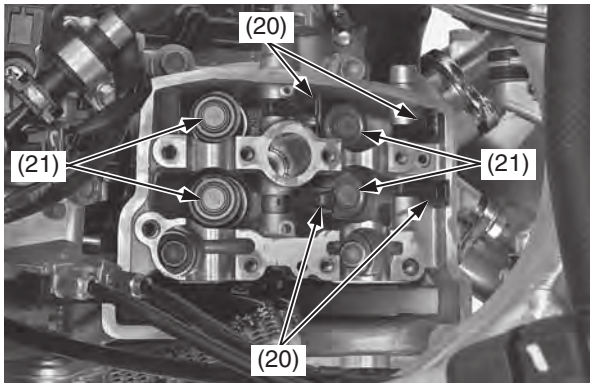


# Valve Clearance

10. Lift the rocker arms (20) up and remove the shims (21).

Record the original position of each shim.



(20) rocker arms  
(21) shims

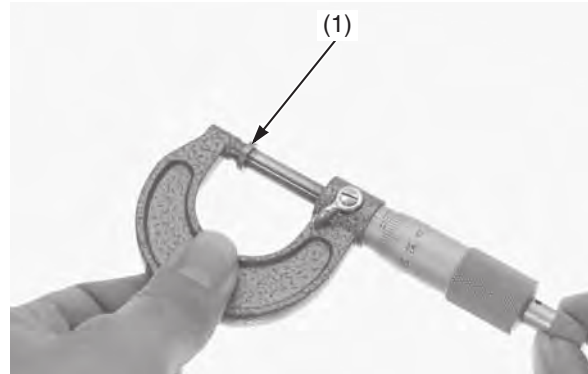
### NOTICE

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

### Shim Selection

1. 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

2. 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 valves. They are titanium and have a thin oxide coating. Lapping will damage this coating.*

If required shim size is outside the available range, have your motorcycle inspected by your dealer.

