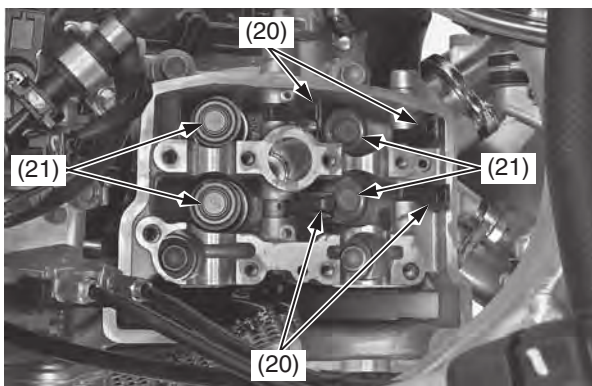


Valve Clearance

- Lift the rocker arms (20) up and remove the shims (21).
Record the original position of each shim.



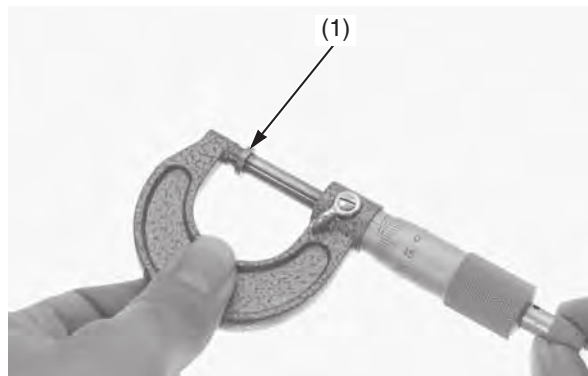
(20) rocker arms
(21) shims

NOTICE

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

Shim Selection

- 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 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.

