



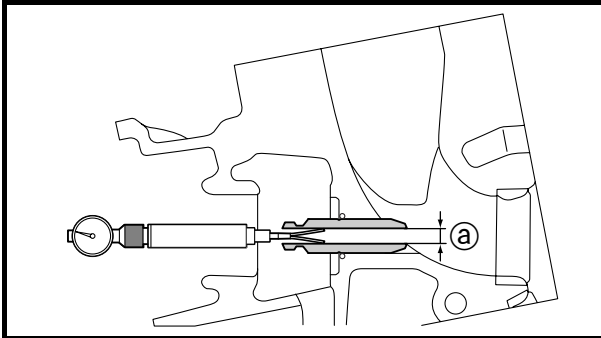
Valve guide inspection

NOTE:

Before checking the valve guide make sure that the valve stem diameter is within specification.

1. Measure:

- Valve guide inside diameter (a)



Valve guide inside diameter:

Intake:

4.000–4.012 mm
(0.1575–0.1580 in)

Exhaust:

4.500–4.512 mm
(0.1772–0.1776 in)

2. Calculate the valve stem-to-valve guide clearance as follows. Replace the valve guide if out of specification.



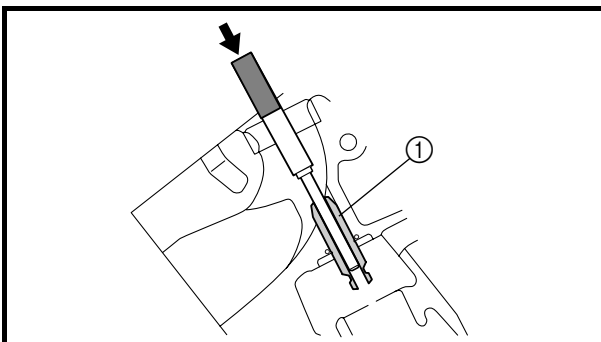
Valve stem-to-valve guide clearance = valve guide inside diameter – valve stem diameter:

Intake:

0.010–0.037 mm
(0.0004–0.0015 in)

Exhaust:

0.020–0.047 mm
(0.0008–0.0019 in)



Valve guide replacement

1. Remove the valve guide (1) by striking the special service tool from the combustion chamber side.



Valve guide remover:

Intake (ø4.0 mm):

YM-04111/90890-04111

Exhaust (ø4.5 mm):

YM-04116/90890-04116