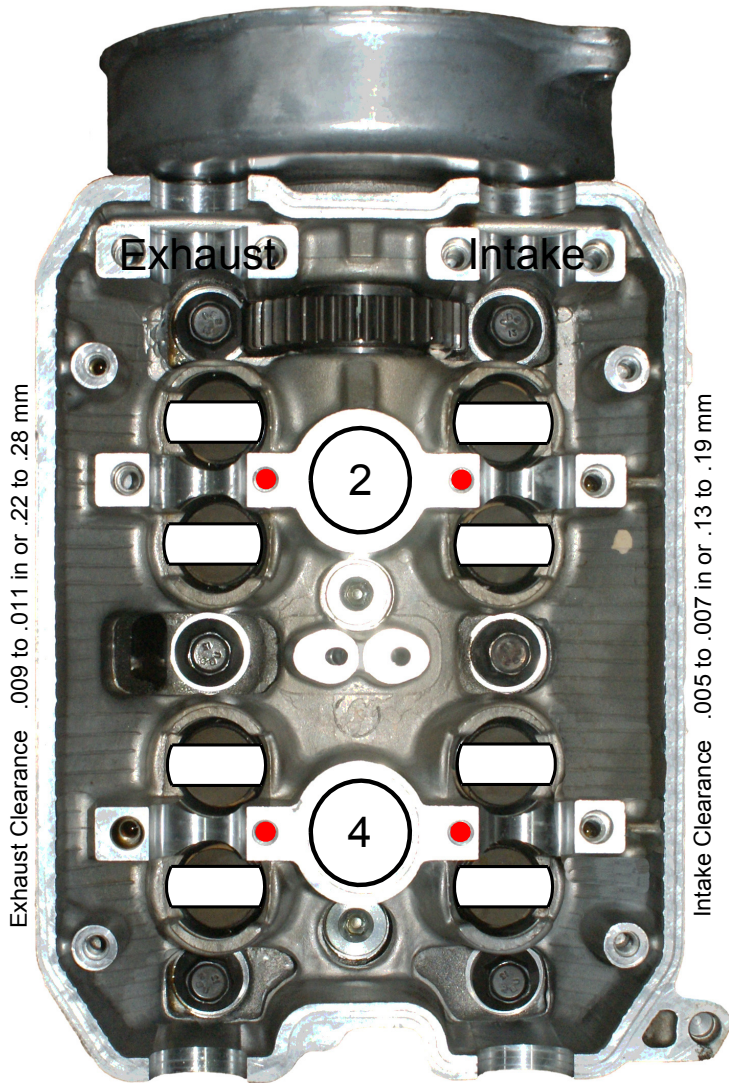


ST1100 Valve Clearance Worksheet

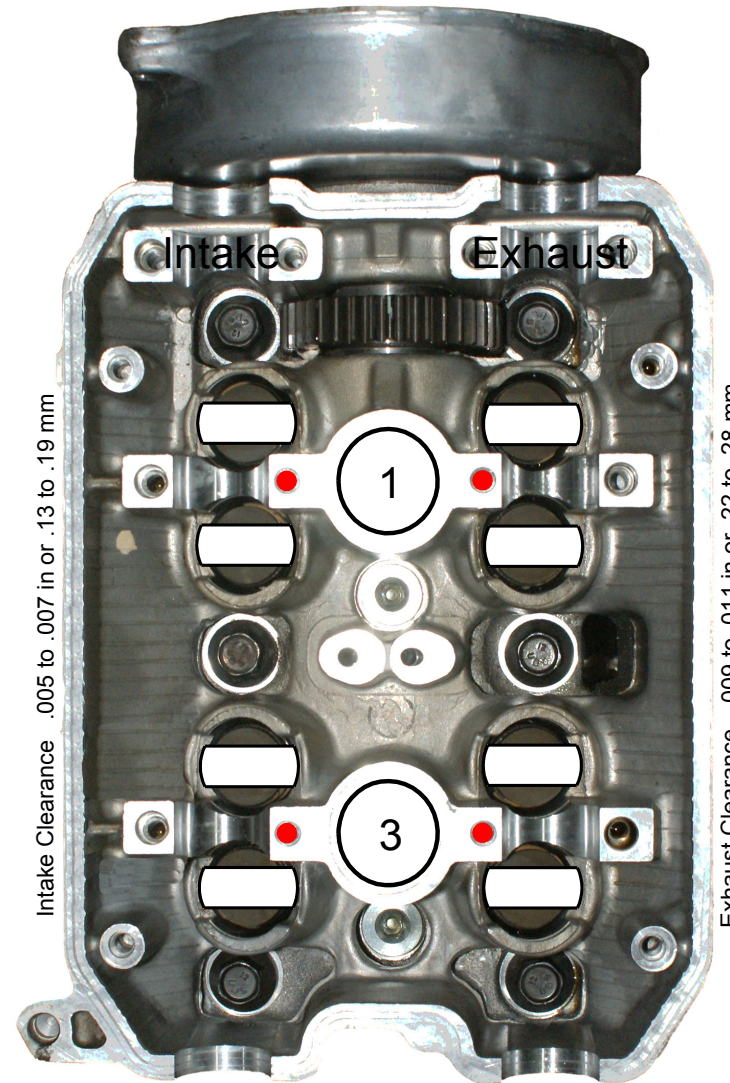


$a = b - c + d$
 a: new shim thickness
 b: recorded valve clearance
 c: specified valve clearance
 d: old shim thickness

Example
 b: recorded valve clearance = 0.18 mm
 c: specified valve clearance = 0.16 mm
 d: old shim thickness = 1.850 mm
 $a = 0.18 - 0.16 + 1.850$
 $a = 1.870$
 New shim thickness = 1.875 mm

Torque
 Camshaft Holder Bolt: 9 ft-lb
 Valve Cover Bolt: 9 ft-lb
 Spark Plugs: 6 ft-lb

Note
 The 4 shorter Camshaft Holder Bolts are installed at the RED DOTs



1) Rotate Crank CLOCKWISE to T1
Right Side Cam - Outboard Match
Check cylinder #1 (Right Front)

2) Rotate Crank 1/4 Turn CW to T4
Left Side Cam - Inboard Match
Check cylinder #4 (Left Rear)

3) Rotate Crank 3/4 turn CW to T1
Right Side Cam - Inboard Match
Check cylinder #3 (Right Rear)

4) Rotate Crank 1/4 turn CW to T4
Left Side Cam - Outboard Match
Check cylinder #2 (Left Front)

