Valve clearance inspection and adjustment must be performed with the engine cold.

1. Remove the 5 x 14 mm top cover bolt and remove the top cover.
2. Remove the two 5 x 12 mm hex bolts from the head cover.
   - Engine oil can leak out when removing the head cover. Catch the leaking oil with a suitable material and wipe up the area immediately.
3. Set the piston at top dead center of the compression stroke. Align the "△" mark on the cam pulley with the cylinder head cover.
4. Insert a feeler gauge between the rocker arm and valve to measure the valve clearance.
   - Valve clearance: 0.08 ± 0.02 mm (IN)
   - 0.11 ± 0.02 mm (EX)
5. If adjustment is necessary, proceed as follows:
   a. Loosen the adjusting screw lock nut and adjust the valve clearance by turning the adjusting screw right or left.
   b. Holding the adjusting screw with the tappet adjusting wrench, tighten the lock nut to the specification. TORQUE: 4.9 N·m (0.5 kgf·m, 3.9 lbf·ft)
   c. After tightening the lock nut, recheck the valve clearance.

Adjustment is required only when the ignition coil or the flywheel has been removed.

1. Loosen the ignition coil bolts.
   - Insert a feeler gauge between the ignition coil and the magnetic part of the flywheel.
2. Push the ignition coil firmly toward the flywheel and tighten the bolts.
   - Adjust the clearance at the magnetic part of the flywheel.
   - Adjust both gaps at the right and left sides of the ignition coil simultaneously so they are equal.

See the shop manual for additional information. © Honda Motor Co., Ltd. 2010