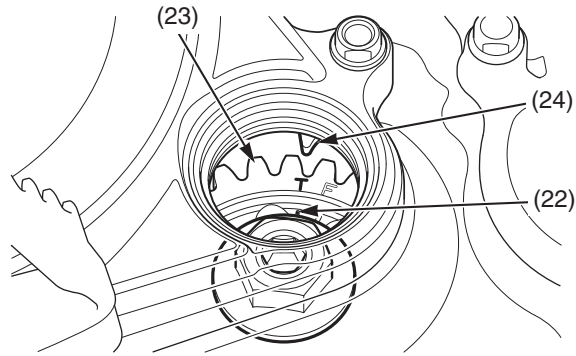


# Valve Clearance

13. Check that “T” mark (22) on the primary drive gear (23) aligns with the index mark (24) on the right crankcase cover.



- (22) “T” mark  
(23) primary drive gear  
(24) index mark

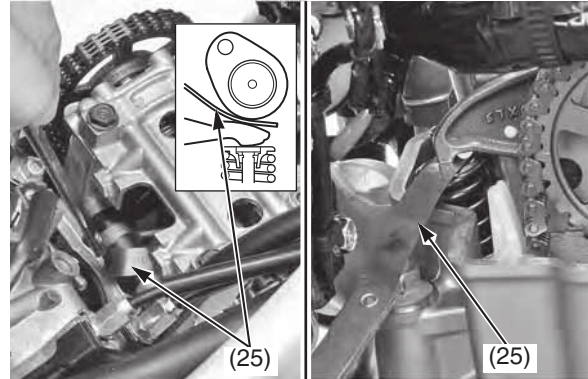
14. Rotate the camshaft by rotating the crankshaft clockwise several times.

15. Measure the intake and exhaust valve clearances by inserting a feeler gauge (25).  
Valve Clearance:

IN:  $0.004 \pm 0.001$  in ( $0.11 \pm 0.03$  mm)  
EX:  $0.011 \pm 0.001$  in ( $0.28 \pm 0.03$  mm)

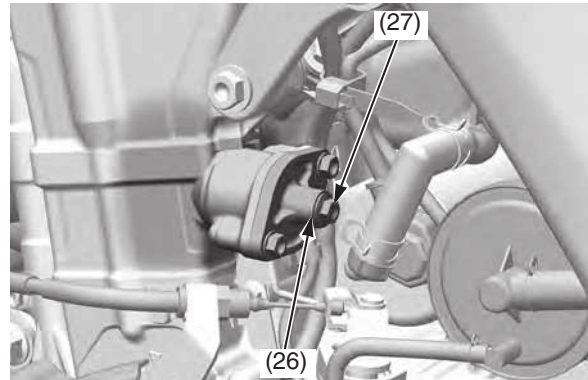
Intake side:

Exhaust side:



(25) feeler gauge

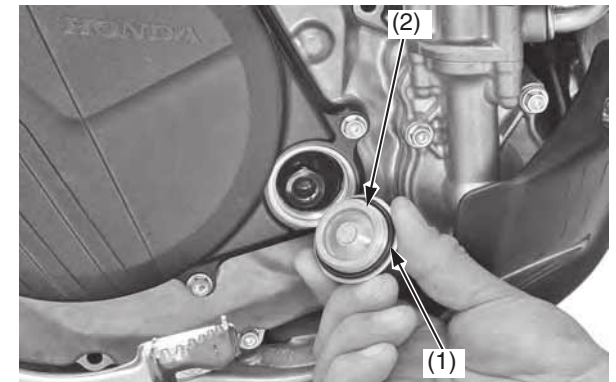
16. Install a new sealing washer (26) and tighten the cam chain tensioner lifter cover bolt (27).



(26) sealing washer (new)  
(27) cam chain tensioner lifter cover bolt

## Crankshaft Hole Cap Installation

1. Install the spark plug (page 80).
2. Coat a new O-ring (1) with engine oil and install it onto the crankshaft hole cap (2). Apply grease to the crankshaft hole cap threads. Install and tighten the crankshaft hole cap to the specified torque:  
11 lbf-ft (15 N·m, 1.5 kgf·m)



(1) O-ring (new)  
(2) crankshaft hole cap

3. Install the right crankcase over cover (page 79).