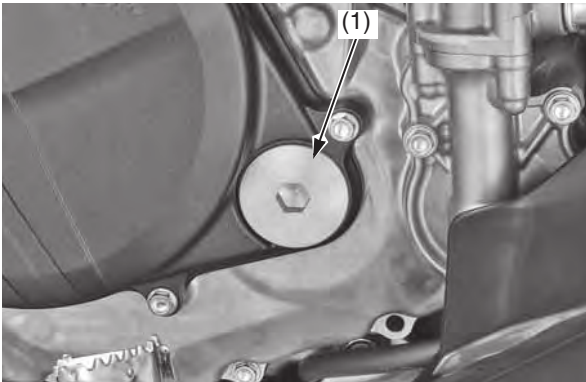


Valve Clearance

Positioning At TDC On The Compression Stroke

1. Remove the right crankcase over cover (page 83).
2. Remove the crankshaft hole cap (1).



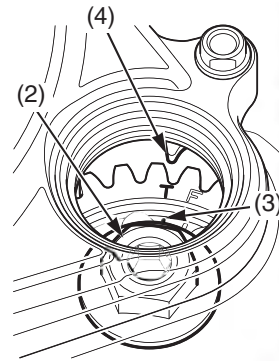
(1) crankshaft hole cap

3. Remove the spark plug (page 86).
4. Remove the cylinder head cover (page 87).

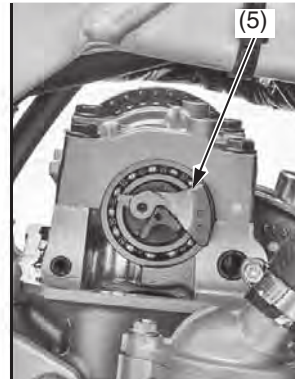
5. Rotate the crankshaft by turning the primary drive gear bolt (2) clockwise until "T" mark (3) on the primary drive gear aligns with the index mark (4) on the clutch cover. In this position, the piston may either be on the compression or exhaust stroke at TDC. If the primary drive gear passed the "T" mark, rotate the primary drive gear bolt clockwise again and align the "T" mark with the index mark.

Make sure that the decompressor weight (5) is upper position.

crankshaft side:

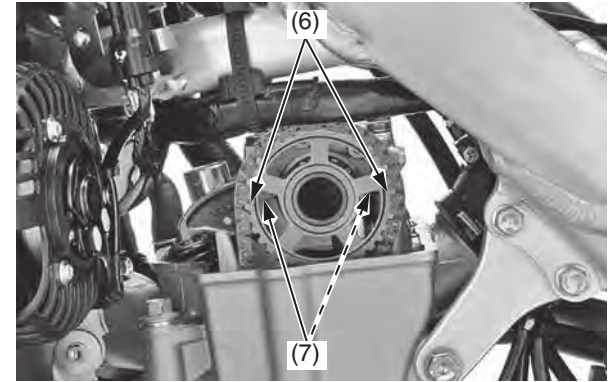


camshaft side:



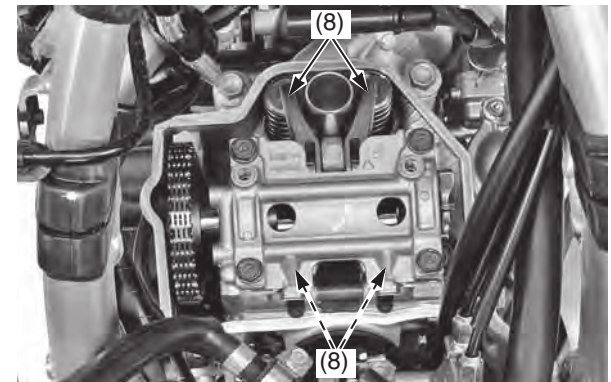
- (2) primary drive gear bolt
- (3) "T" mark
- (4) index mark
- (5) decompressor weight

6. Check the timing marks (6) on the cam sprocket aligns with the camshaft holder mating surface (7) of the cylinder head.



- (6) timing marks
- (7) camshaft holder mating surface

7. The inspection must be made when the piston is at the top of the compression stroke when both the intake and exhaust valves are closed. This condition can be determined by moving the rocker arms (8).



(8) rocker arms