

Valve Tappet Clearance Adjustment

Excessive valve clearance will cause tappet noise, and negative clearance will prevent the valve from closing and cause valve damage and power loss. Therefore, valve tappet clearance should be maintained properly. Perform the valve tappet clearance check at the specified intervals.

NOTE:

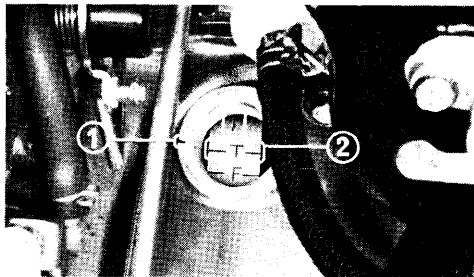
- *The checking or adjusting of the tappet clearance should be performed while the engine is cold. The clearance may tend to increase as the temperature rises.*
 - *Refer to the section "Ignition Timing Adjustment" on page 18 for cylinder numbering.*
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1. Remove the timing mark hole cap (page 48) and both valve covers.
2. Rotate the crankshaft by turning the generator rotor clockwise (the crankshaft can also be rotated with the kick starter) and align the "T-I" timing mark ② with

the index mark ①.

In this position, the piston in #1 cylinder will be at TDC on either the compression or exhaust stroke.

The adjustment must be made when the piston is on top of the compression stroke when both the intake and exhaust valves are closed. This condition can be determined by feeling the tappets with your fingers.



- ① Index mark
- ② "T-I" mark