

## VALVE CLEARANCE ADJUSTMENT

Valve clearance should be maintained at 0.05 mm (0.002 in). Excessive clearance will cause noise. Insufficient clearance will cause loss of power and could cause valve damage.

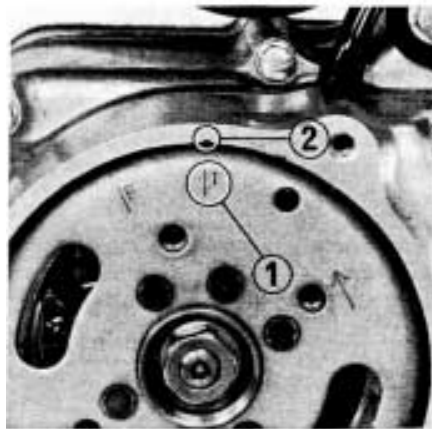
### NOTE:

Check or adjust valve clearances while the engine is cold. The clearance will change as the temperature rises.

To adjust the valves:

1. Remove the recoil starter and rocker arm adjustment hole caps.
2. Rotate the magneto rotor counterclockwise until the T mark ① on the rotor lines up with the timing index mark ② on the stator.

In this position, the piston may either be on the compression or the 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 can be determined by moving the rocker arms by hand. If the rocker arms are free, it is an indication



- ① "T" mark  
② Index mark