

Valve Tappet Adjustment

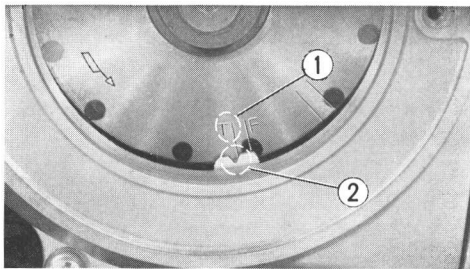
Excessive valve tappet clearance will cause tappet noise, and little or no clearance will cause valve damage and loss of power. Therefore, the valve tappet clearance should be maintained properly.

The valve tappet clearance must be checked when the engine is cold.

1. Remove the dynamo cover and tappet adjusting hole caps.
2. Rotate the dynamo rotor counterclockwise until the "T" mark ① on the dynamo rotor lines up with the index mark ② on the cover. 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 inlet and exhaust valves are closed.

This condition can be determined by shifting the tappets with fingers through the tappet adjusting holes. If the tap-



① "T" mark

② Index mark

pets are free, it is an indication that the valves are closed and that the piston is on the compression stroke. If the tappets are tight and the valves are open, rotate the dynamo rotor 360° and realign the "T" mark to the timing index mark. Check the clearance of both valves by inserting the **0.002 in. (0.05 mm)** feeler gauge between the adjusting screw and the valve stem.