

which is outside these limits, increase or decrease both point gaps equally to bring gaps within limits, then retime by rotating base plate.

e.g. If left point gap is set at 0.35 mm (0.014 in.) and right point gap produces correct timing at 0.42 mm (0.017 in.), decrease both gaps by 0.02 mm (0.001 in.), and rotate base plate to time ignition.

If both point gaps cannot be adjusted within limits, replace point assemblies.

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, valve tappet clearance should be maintained properly.

1. For ease of service, raise the seat and pull the rear fuel tank rubber mounting away from the rear tank mount. Raise the back of the fuel tank slightly.
2. Remove the four tappet hole caps.
3. Remove the generator cover and contact breaker point cover.
4. While slowly rotating the generator rotor counterclockwise watch the left (L) cylinder intake valve tappet. When this tappet goes down all the way and then starts to lift, you watch for alignment of the index mark ① and "LT" mark ② (see page 44). In this position, the piston in the left cylinder will be at T.D.C. (top dead center) of the compression stroke, and the intake and exhaust valves in that cylinder should be fully closed.