

Adjustment on Valve Clearance

Excessively large valve clearance will cause the noise of valve, and excessively small valve clearance will cause declining power of the engine and result in the damage of the valve, the valve clearance should be checked in accordance with specified traveled distance, and the valve clearance should be adjusted in accordance with following procedures.

- Remove the valve-chamber cover and eyehole cover

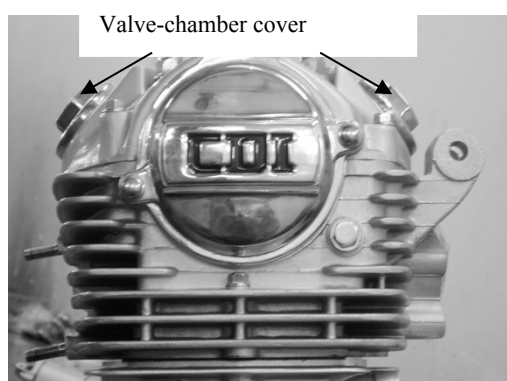


Figure 1



Figure 2

- Rotate the rotor of magnetor with socket spanner to have the piston arrive at the upper dead center of compression travel (rotate the rotor of magnetor until “T” ticked line on the motor coincides with the marking on the right crankcase cover).

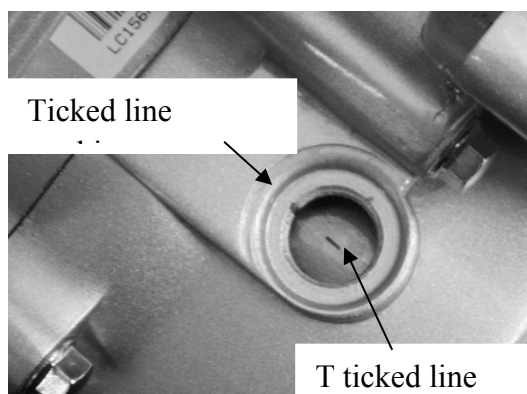


Figure 3

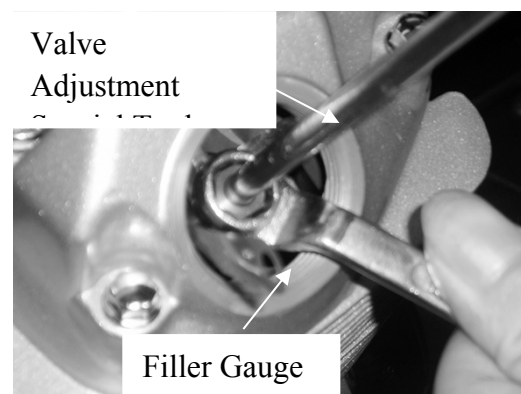


Figure 4

- Insert the filler gauge with standard size into the position between the end of valve spindle and adjusting screw on the rocker, and the gap of the inlet valve and the exhaust valve ranges between 0.03 and 0.05mm
- Special tools should be applied to adjust the valve clearance within specified scope if it is within abovementioned scope.
- Re-mount the valve-chamber cover and eyehole cover.

Notes: The valve clearance should be checked and adjusted at cooling state of the engine, and the inlet exhaust valve should be adjusted on upper dead center of compression travel.

The methods of mounting and adjustment of valve mechanism with similar form are basically similar. It should be noted that there are lots of structure types of chain-based gazogene and their adjustment and regulations are completely different, specific structure should be followed, and corresponding instruction should be followed to conduct assembly and adjustment.