

## Valve Adjustment Procedure GY6 150cc engine

If your engine won't start, and you have checked all of the obvious things like fuel, spark, choke etc. then it is likely you need to adjust your valves.



1. On some engine (kinroad) you may be able to adjust the valves directly on the engine. If not, remove the bolts holding the valve cover to the top of the engine.



2. Rotate the camshaft until the big hole in the sprocket end points straight out of the top of the engine and the two smaller holes are lined up with the flat plane of the cylinder head. (Your camshaft may have lines instead of smaller holes, but they need to line up the same way). You can do this by rotating the variator in the CVT transmission counter clockwise by hand until the holes line up properly.



3. Use a wrench to loose the retainer nut on the intake (top) valve.



4. Using a feeler gauge, measure the gap between the top of the valve and the tappet of the rocker arm. Turn the tappet in or out as necessary to adjust. You want to set your valve clearances to 0.004" - 0.005" on both the intake and exhaust valves.

5. Repeat Step 5 for the exhaust (lower) valve.

6. Tighten down the retainer nuts and re-check clearances (they sometimes tighten up a bit when you tighten the retainer.)

7. Replace the valve cover. Torque spec for the cover bolts is 6-9ft/lbs (72-108 in/lbs).