

Valve Adjustment

The valve gap on the 150cc scooters is 0.0019 inches on intake valve and 0.0024 inches on the exhaust valve. The following diagram has the valve clearance on the 50cc scooters.

Valve Adjustment

- Always check and adjust with engine temperature lower than 35°C (95°F)

1. Remove cylinder head cover.
2. Rotate cooling fan to camshaft. Locate mark at center top, aligning magneto fly wheel mark with that on crankcase. Magneto "T" mark and box crankshaft mark.

Valve gap checking and adjustment valve gap:
IN: 0.05mm (.00197 in.)
EX: 0.05mm (.00197 in.)

3. To adjust the valve gap, loosen jam nut and rotate adjusting nut.

Valve Adjustment Wrench

- Be sure to check valve gap again, after locking jam nut.

Carburetor Idle Speed

- Idle adjustment should be made with the engine warmed up.

1. Remove cover.
2. After the engine warms up, connect it to an engine revolution counter.
3. Adjust idle screw until specified revolution is obtained.

Minimum idling speed: 1900+190rpm

4. Readjust the screw if the idle speed is not steady or fuel cannot be properly applied.

