

MAINTENANCE

Inspect the intake and exhaust valve clearances by inserting the feeler gauge between the adjusting screw and valve stem.

VALVE CLEARANCES:

INTAKE: 0.08 mm (0.003 in)

EXHAUST: 0.08 mm (0.003 in)

Adjust by loosening the lock nut and turning the adjusting screw until there is a slight drag on the feeler gauge.

Hold the adjusting screw and tighten the lock nut.

TORQUE: 15–18 N·m (1.5–1.8 kg·m, 11–13 ft·lb)

Recheck the valve clearance.

DECOMPRESSOR ADJUSTMENT

NOTE

- Always adjust the decompressor cable after adjusting the valve clearance.

Rotate the flywheel counterclockwise and align the "T" mark with the index mark. Make sure the piston is at TDC on the compression stroke.

Measure the free play at the tip of the decompressor shaft arm.

FREE PLAY: 0.5–1.5 mm (1/14 in)

Adjust by loosening the lock nut and turning the adjusting nut.

CAUTION

- Excessive free play causes hard starting.
- Insufficient free play may cause erratic engine idle and valve damage.

Install the valve adjuster covers, the timing hole cap and crankshaft hole cap.

Install the fuel tank and the seat/rear fender.

Reconnect the fuel tube.

CARBURETOR IDLE SPEED

NOTE

- Inspect and adjust the idle speed after all other maintenance items have been performed and are within specifications.
- The engine must be warm for accurate idle speed inspection and adjustment. Stop and go riding for ten minutes is sufficient.

After warming up the engine, shift the transmission into neutral and connect a tachometer.

Turn the throttle stop screw as required to obtain the specified idle speed.

IDLE SPEED: 1,400 ± 100 rpm

