

Carburetor Adjustment

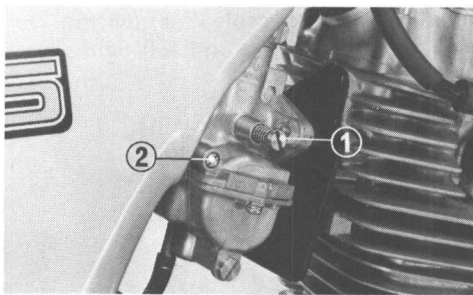
NOTE: Before making adjustments to the carburetor, be sure the ignition system is functioning properly and the engine has good compression. Do not attempt to compensate for other faults by carburetor adjustment.

The carburetor should be adjusted only after the engine has attained operating temperature.

1. Adjust the idle speed screw ① until the engine idles at approximately 1,300 R.P.M. Turn the idle speed screw clockwise to increase idle speed or counterclockwise to decrease idle speed.
2. Turn the air screw ② clockwise until you hear the engine miss or decrease in speed, then counterclockwise until the engine again misses or decreases in speed. Set the air screw exactly between these two extreme positions. Turning the air screw clockwise creates a richer fuel mixture, while turning the air screw

counterclockwise creates a leaner fuel mixture. Usually, the correct setting (between extremes of richness and leanness) will be found to be $1\frac{1}{4}$ turns open from a fully closed position.

3. If idle speed changes after adjusting fuel mixture, readjust the idle speed screw.



① Idle speed screw ② Air screw