

Engine Idle Speed and Air-Fuel Mixture

The best way to assure proper carburetion is to see your dealer for regularly scheduled servicing, including carburetor adjustment.

Remember, idle speed adjustment is not a “cure-all” for other problems in your engine’s fuel-delivery system. Adjusting the idle will not compensate for a fault elsewhere.

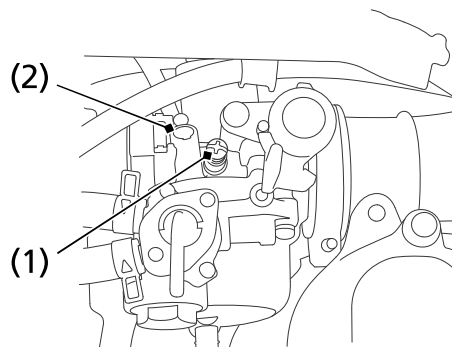
The engine must be at normal operating temperature for accurate idle speed adjustment.

For information about high altitude carburetor adjustment, see page 195.

Idle Speed Adjustment

Refer to *Safety Precautions* on page 94.

LEFT SIDE



(1) throttle stop screw (2) air screw

1. If the engine is cold, start it and warm it up with 10 minutes of stop-and-go riding. Stop the engine.
2. Park your ATV on a firm, level surface.
3. Connect a tachometer to the engine.
4. Shift into neutral. Start the engine.
5. Adjust idle speed using a screwdriver to turn the throttle stop screw (1).

Idle speed (in neutral):

$1,600 \pm 100 \text{ min}^{-1} \text{ (rpm)}$

122 Servicing Your Honda