

Engine Idle Speed and Air-Fuel Mixture

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 by turning the throttle stop screw (1).

Idle speed (in neutral):

$1,400 \pm 100 \text{ min}^{-1}(\text{rpm})$

Air-Fuel Mixture Adjustment

1. Turn the pilot screw (2) clockwise until you hear the engine miss or decrease in speed.
2. Then turn the screw counterclockwise until the engine misses or decreases in speed again.
3. Centre the pilot screw exactly between the two extreme positions. Usually, the correct setting (between extremes of rich and lean) will be found at 2-1/4 turns open from a fully closed position.
4. If idle speed changes after adjusting the fuel mixture, readjust the throttle stop screw.