

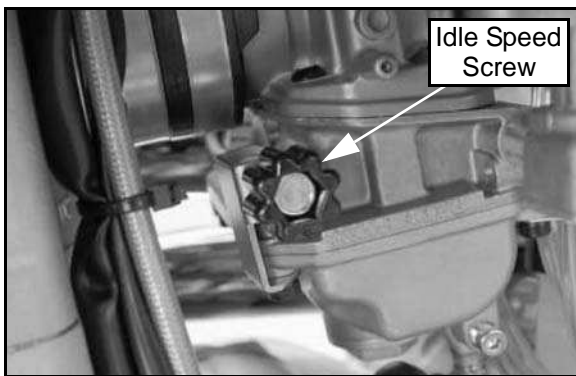
MAINTENANCE

Idle Speed Adjustment

The carburetor idle speed strongly influences the starting performance and engine responsiveness when accelerating. If idle speed does not meet specification, use the following procedure to make adjustments:

NOTE: Adjusting the idle speed affects throttle cable freeplay and electronic throttle control (ETC) adjustment. Always check throttle cable freeplay after adjusting idle speed and adjust if necessary.

1. Start engine and warm it up thoroughly.
2. Adjust idle speed by turning the idle speed adjustment screw in (clockwise) to increase or out (counterclockwise) to decrease RPM.



**Idle Speed
1700-1800 RPM**

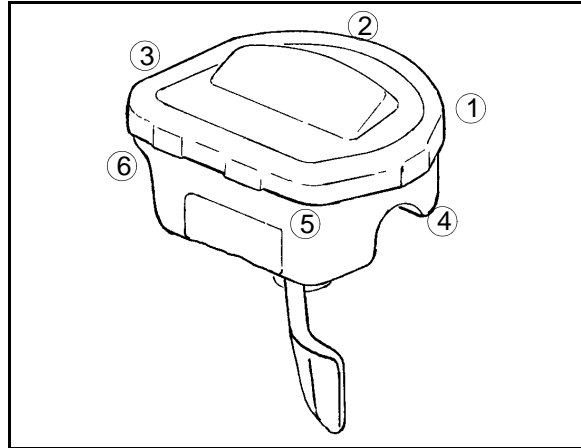
Throttle Inspection

Check for smooth throttle opening and closing in all handlebar positions. Throttle lever operation should be smooth and lever must return freely without binding.

1. Place the gear selector in neutral.
2. Set parking brake.
3. Start the engine and let it idle.
4. Turn handlebars from full right to full left. If idle speed increases at any point in the turning range, inspect throttle cable routing and condition. Adjust cable tension as needed until lock-to-lock turning can be accomplished with no rise in engine rpm.
5. Replace the throttle cable if worn, kinked, or damaged.
6. Inspect ETC cover seal and switch cavity by removing the cover. Verify that no dirt, water or mud is present.

To remove the ETC cover:

1. Use a medium flat blade screwdriver and insert blade into the pocket of the cover starting on the #1 position
2. Twist screwdriver slightly while lifting on the cover to release snap.
3. Repeat procedure at the other five locations as shown.



NOTE: Do not attempt to remove cover until all latch points are released.

Throttle Cable / Electronic Throttle Control (ETC) Adjustment

1. Slide boot off throttle cable adjuster and jam nut.
2. Place shift selector in neutral and set parking brake.
3. Start engine and set idle to 1700-1800 RPM.

NOTE: Be sure the engine is at operating temperature. See Idle Speed Adjustment.

4. Loosen lock nut on in-line cable adjuster.

