



One BOB-CAT Lane, P.O. Box 469
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(920) 699 2000
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SERVICE BULLETIN

Date: February 24, 2012

Bulletin No: JC-001-12

Product Type: Predator-Pro and ProCat G Series with Kawasaki Engine

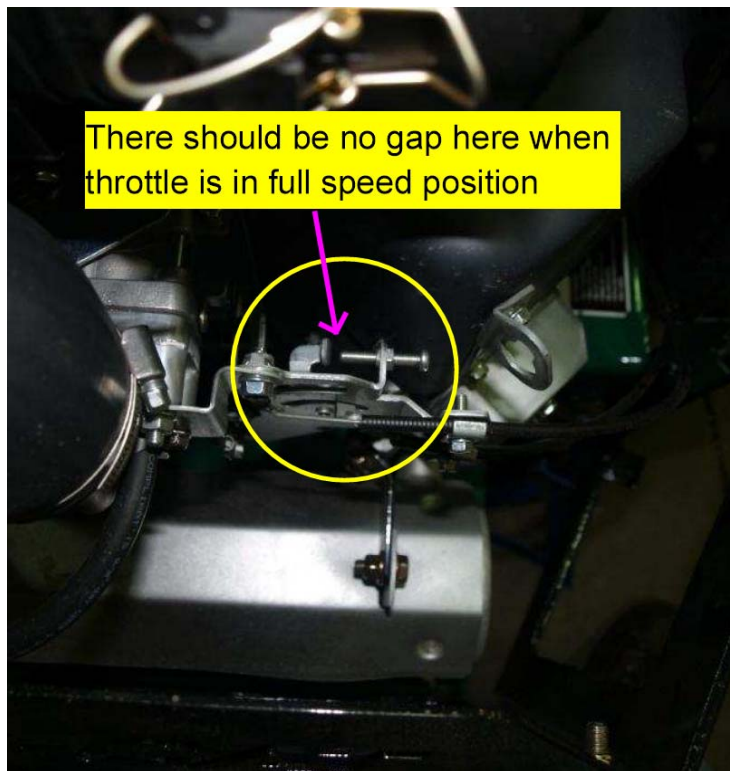
Customer Issue: Lack of power or engine speed resulting in poor mower performance and quality of cut.

Cause: Incorrect Kawasaki Engine RPM due to:

- #1)** Throttle cable incorrectly clamped.
- #2)** Governor incorrectly set.

Action Required: **Cause #1:**

Push throttle to full speed, loosen clamp bolt holding throttle cable and pull back on cable so there is no gap between the throttle stop screw and the stop, retighten clamp. (See picture below)



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Action Required: Cause #2:

Follow instructions in Kawasaki's service manual for setting governor speed @ **3540** RPM (two attached pages).

Product Involved:

Models & Serial Numbers Affected: Cause #1

Model	Serial Range
942500G	94250100070 to 94250000612
942501G	94250100070 to 94250100237
942502G	94250200070 to 94250200604
942504G	94250400070 to 94250400795
942506G	94250600070 to 94250600177
942508G	94250800070 to 94250800165
942517G	94251700070 to 94251700130

Models & Serial Numbers Affected: Cause #2

Model	Serial Range
942514G	94251400070 to 94251400470
942519G	94251900070 to 94251900113

Warranty: You may claim up to .2 hr. of labor for units covered under this bulletin. When filing warranty, **select labor code JC-001-12** from the drop down labor codes in WarrantySmart with one unit per claim. **NOTE:** For the "Claim Type" section of the warranty claim, please select "**Labor only**" as there will be no parts involved.

If you have any questions, please contact our Customer Service Department at 920-699-2000.

This bulletin is relevant to the departments checked below. Please circulate as appropriate.

SERVICE

☒

WARRANTY

☒

SALES

☒

PARTS

☐

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Periodic Maintenance Procedures

Fuel System

NOTE

○High and low idle speeds may vary depending on the equipment on which the engine is used. Refer to the equipment specification.

Low Idle Speed Adjustment

- Disconnect all possible external loads from the engine.
- Start and warm up the engine thoroughly.

⚠ WARNING

Always keep your hands clear of the moving parts.

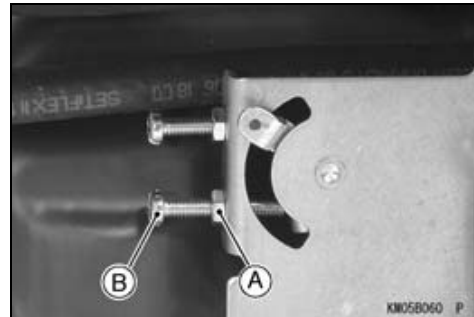
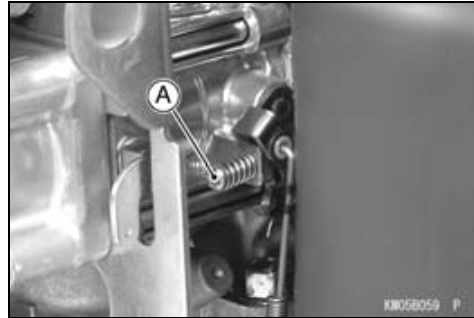
- Move the throttle lever at a dash to the idle position.
- Hold the throttle lever on the carburetor in closed position (turn the governor arm clockwise all the way) and adjust the low idle speed screw [A] until the engine idles at specified speed.

Low Idle Speed (Carburetor idle rpm)
1 450 rpm

- Release the throttle lever.
- Loosen the locknut [A].
- Adjust the low idle speed set screw [B] on the control plate to obtain the specified governor low idle speed.

Low Idle Speed (Governor idle rpm)
1 550 rpm

- Tighten the locknut.



High Idle Speed Adjustment

NOTE

○High idle speed adjustment should be made after the idle speed adjustment is performed.

CAUTION

Do not adjust high idle speed with the air cleaner removed.

- Start and warm up the engine thoroughly.

2-8 PERIODIC MAINTENANCE

Periodic Maintenance Procedures

⚠ WARNING

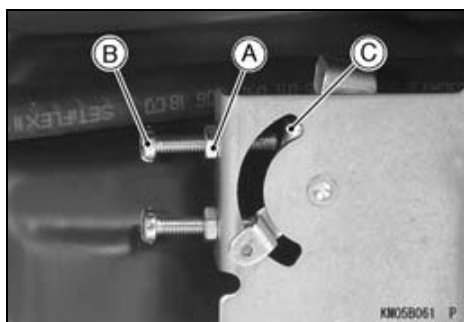
Always keep your hands clear of the moving parts.

- Loosen the locknut [A], and unscrew the high idle set screw [B] few turns.
- Move the throttle lever on dash to obtain the specified high idle speed and leave it there.

High Idle Speed

3 600 rpm

- Turn the high idle set screw [B] so that the end of it just touches the speed control lever [C], and tighten the lock nut [A].
- Check the idle speed, and readjust the idle speed if necessary.



CAUTION

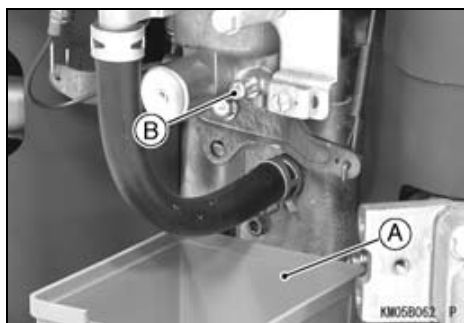
Be sure to make the idle and fast idle speeds respectively correspond to those of the equipment.

Fuel System Cleanliness Inspection

⚠ WARNING

Gasoline is extremely flammable and can be explosive under certain conditions. Turn the ignition switch OFF. Do not smoke. Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light.

- Place a suitable container [A] under the drain screw [B] on the carburetor.
- Turn out the drain screw a few turns to drain the carburetor and check if water or dirt has accumulated in the carburetor.
- Tighten the drain screw.
- If any water or dirt is found, clean the carburetor (see Carburetor Cleaning in the Fuel System chapter) and fuel tank. And check the fuel filter.



Element Cleaning and Inspection

Air cleaner elements are not recommended to be cleaned, and each air cleaner element should be replaced with new ones at the maintenance time as shown in the maintenance chart.

NOTE

Operating in dusty condition may require more frequent maintenance than above.

- Remove the elements (see Element Removal in the Fuel System chapter).
- Replace the primary element [A] every 250 hrs.

