

# Remote Air Cleaner Assembly Instructions



Accu-Z Z52, Z60 & Z72 Zero Turn Mower

Manual No. 356-542M

## Before You Start



When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

**IMPORTANT:** Before you begin, read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

Your Remote Air Cleaner is exclusively designed for your Land Pride Accu-Z Mower. Please read these installation instructions and your Accu-Z Mower Operator's Manual thoroughly before beginning. Especially read information relating to safety concerns. Also included in the Operator's Manual is important information on operation, adjustment, troubleshooting, and maintenance for this attachment (some manual sections do not apply to all accessories).

## General Information

These assembly instructions apply to the following Remote Air Cleaner Accessories listed below:

**356-541S 23HP KAW.AIR CLEAN-SELF CONT.**

**356-538S 25HP KAW.AIR CLEAN-SELF CONT.**

## Further Assistance

Your dealer wants you to be satisfied with your new Remote Air Cleaner. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure he is aware of any problems you may have and that he has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem and request assistance.
3. For further assistance write to:

**Land Pride Service Department**  
**1525 East North Street**  
P.O. Box 5060  
Salina, Ks. 67402-5060

E-mail address  
lpservicedept@landpride.com

## Assembly Instructions

A detailed listing of parts for this accessory kit is provided on page 9. Use the list as a checklist to inventory parts received. Please contact your local Land Pride dealer for any missing hardware.

## Assembly Instructions

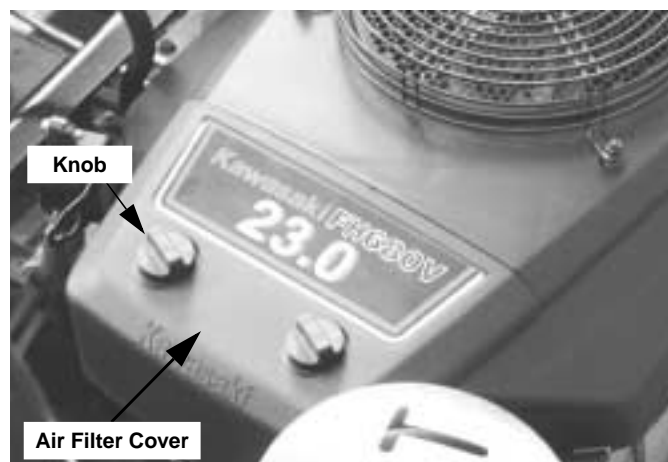
### DANGER

Gasoline is extremely flammable. Vapors can explode. Avoid prolonged breathing of vapors. Work in a well ventilated area. Extinguish smoking material (cigarettes, pipes, etc.). Vapors can be ignited by a spark or flame source many feet away.

1. Park the tractor on a flat surface, set parking brake, shut off engine and remove ignition switch key.
2. If equipped with a fuel shutoff valve, turn to the off position on both fuel tanks.

Refer to Figure 1

3. Remove knobs and air cleaner cover from engine. Discard parts.

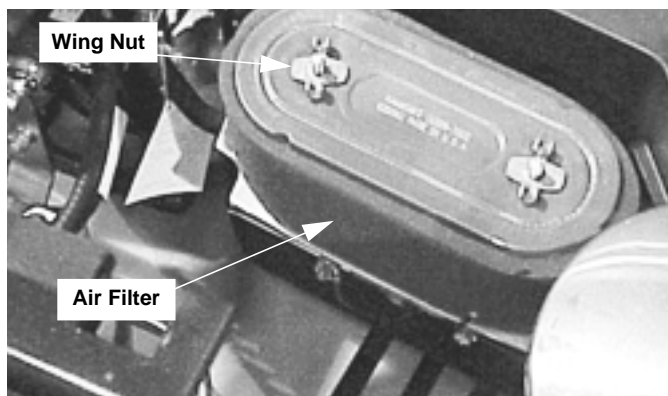


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**Figure 1**  
Air Cleaner Cover Removal

Refer to Figure 2

4. Remove the wing nuts and air filter. Discard parts.



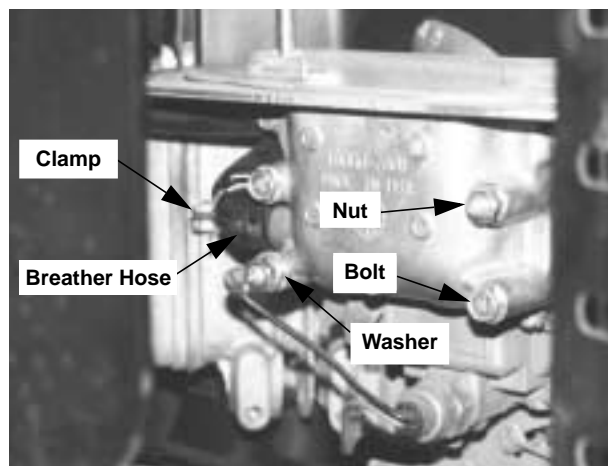
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**Figure 2**  
Air Filter Removal

## Assembly Instructions

### Refer to Figure 3

- Disconnect the breather hose from the side of the intake body by loosening the clamp and pulling the hose off. Remove bolts and nuts holding intake body. Be careful not to lose the washer for the carburetor solenoid ground wire.

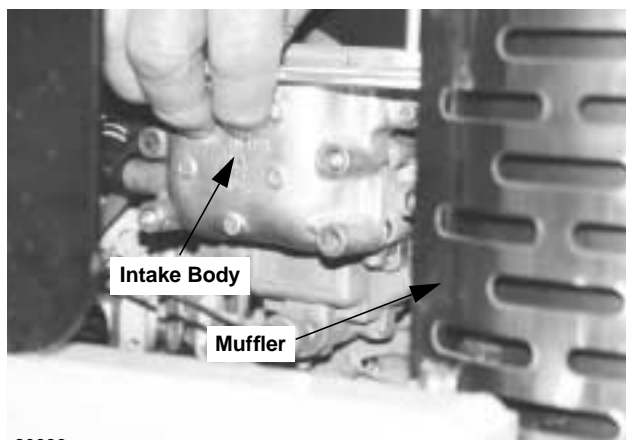


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**Figure 3**  
**Disconnection of Breather Hose**

### Refer to Figure 4

- Remove intake body. The muffler may need to be loosened or removed to complete modification.

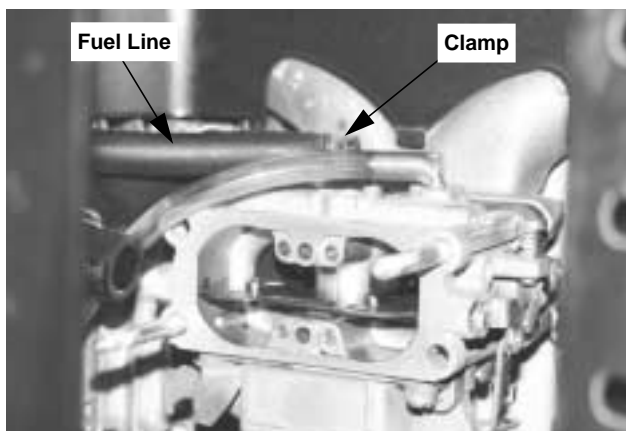


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**Figure 4**  
**Intake Body Removal**

### Refer to Figure 5

- Disconnect the fuel line from carburetor by loosening the clamp and pulling off the fuel line.



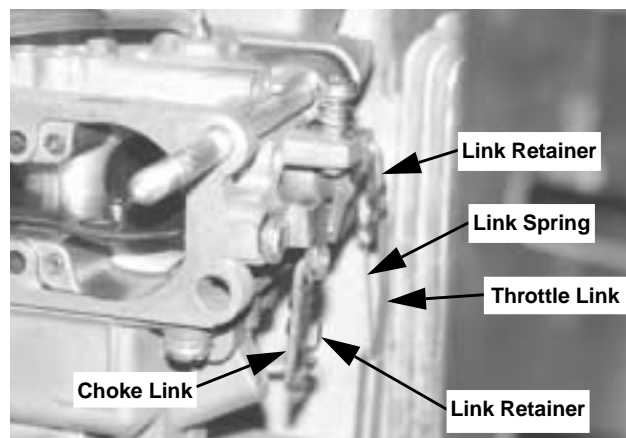
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**Figure 5**  
**Disconnecting Fuel Line**

## Assembly Instructions

### Refer to Figure 6

8. Disconnect choke link by unsnapping the black link retainer and removing link from the choke lever eyelet.
9. Disconnect the throttle link and link spring by first unhooking the spring. Next unsnap black link retainer and remove the link from throttle lever eyelet.

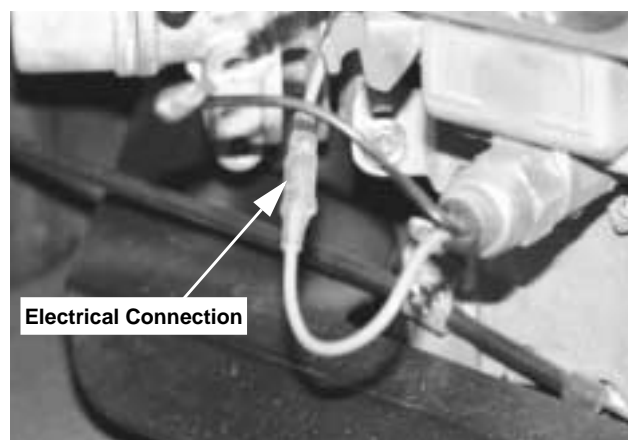


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**Figure 6**  
Removal of Carburetor Linkage

### Refer to Figure 7

10. Disconnect carburetor solenoid from the electrical connector.
11. Remove carburetor.

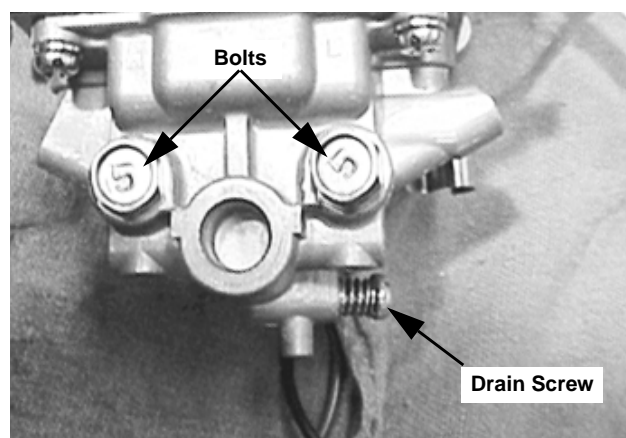


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**Figure 7**  
Solenoid Disconnect

### Refer to Figure 8

Drain the fuel from the carburetor into an appropriate container by loosening the drain screw. Retighten the screw when complete. Place carburetor on clean work surface. Remove bolts covering carburetor main jets.



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**Figure 8**  
Fuel Drain & Removing Jet Bolts

## Assembly Instructions

Refer to Figure 9

- Remove main jets with properly sized slotted screwdriver. Be sure not to damage threads for carburetor bolts. Notice the carburetor indicates left and right jets with "L" and "R" marks. Be careful not to allow debris to enter internal passages of the carburetor, as this could cause running or starting problems. Should debris enter the carburetor, remove the main jets and slow jets, then carefully clean all air and fuel passages using a commercially available, aerosol carburetor cleaner. Detailed carburetor assembly and disassembly information is available in the Kawasaki service manual.

**For 23 hp engines, FH680V, with engine s/n later than FH680VA20067, Kit 356-541S**

Refer to Figure 10

- Replace old jets with new jets from kit. Notice jet number is imprinted on top surface of jet. Install new jets according to the following: L=122, R=128. Tighten jets hand tight and replace bolts.

**For 25 hp engines, FH721V, all s/n's, Kit 356-538S**

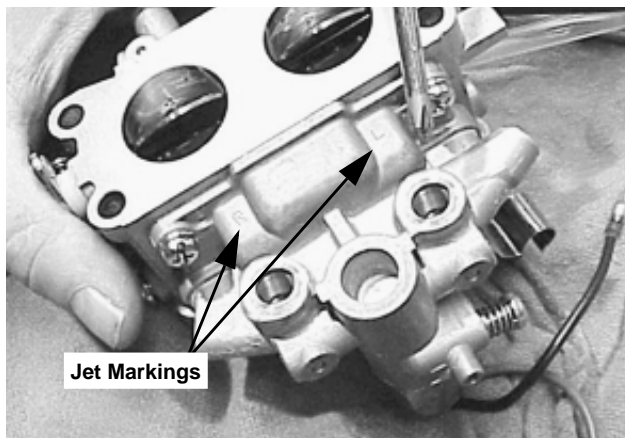
Replace old jets with new jets from kit. Notice jet number is imprinted on top surface of jet. Install new jets according to the following: L=120, R=126. Tighten jets hand tight and replace bolts.

Refer to Figure 11

- Install new gaskets and insulator. Be sure tabs on insulator face to the left and down. A gasket should be installed on both sides of insulator.

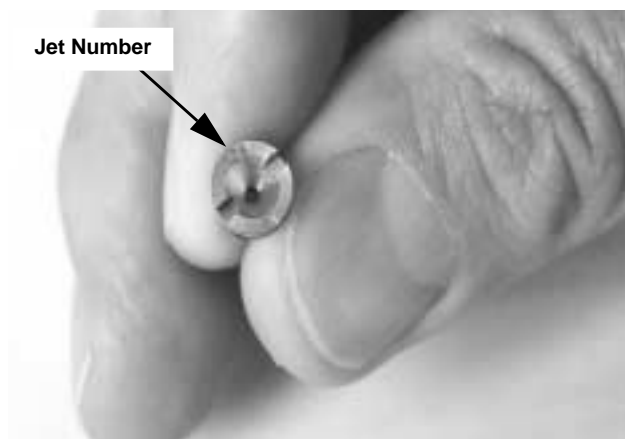
Note: New insulator and gasket have slots connecting bores

Refer to Figure 12



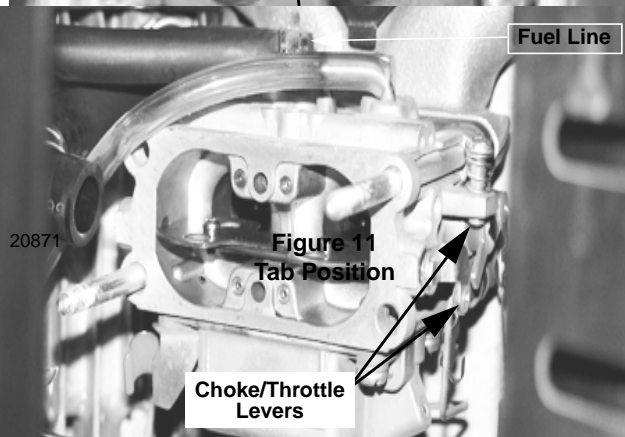
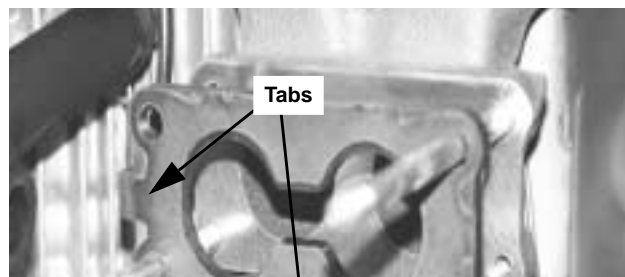
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**Figure 9  
Removing Jets**



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**Figure 10  
Jet Number**



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**Figure 11  
Tab Position**

## Assembly Instructions

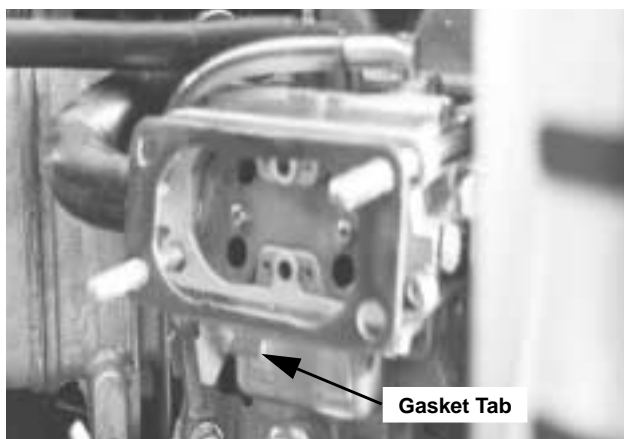
15. Install carburetor. Correct orientation has choke and throttle levers on right side. Connect carburetor solenoid wire to kill circuit.
16. Connect fuel line to carburetor. Position clamp so it is approximately 3mm (1/8") from the end of the fuel line.

### Refer to Figure 13

17. Install gasket onto carburetor. Gasket tab should point down. Install plastic intake body. Note orientation of breather port when installing.
18. Install bolts into intake body. Assemble washer and solenoid wire terminal to lower left stud. Assemble and tighten nuts.
19. Attach breather hose to intake body port. Position clamp approximately 3mm (1/8") from the end of the hose.
20. Confirm carburetor vent tube is not pinched, kinked, or restricted. Engine performance will be affected if tube is restricted.

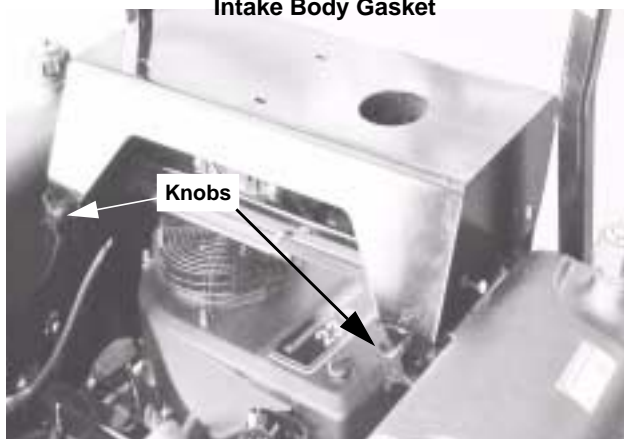
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**Figure 12**  
**Install Carburetor**



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**Figure 13**  
**Intake Body Gasket**



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**Figure 14**  
**Air Cleaner Hood**

### Refer to Figure 14

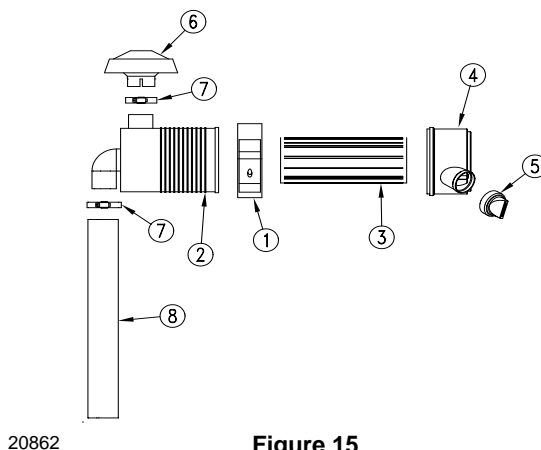
Install Air Cleaner Hood. Fasten with the two knobs

## Air Cleaner Assembly

## Assembly Instructions

### Refer to Figure 15

21. Slide air cleaner clamp (1) over air cleaner housing (2), position the clamp so the bolt holes are facing down (away from the intake) and the notches on the clamp fit in the notches on the housing.
22. Insert air cleaner element (3) inside air cleaner housing (2) and attach housing end (4) (with the arrows pointing up). Place rubber grommet (5) over opening in housing end (4).
23. Attach air cleaner intake cap (6) to the air cleaner housing (2) using a hose clamp (7).
24. Attach air cleaner hose (8) to the air cleaner (2) using a hose clamp (7).



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**Figure 15**  
**Air Cleaner Assembly**

### Refer to Figure 16

25. Insert the air cleaner hose through the hole in the air cleaner hood and slide hose end over the intake body.
26. Secure air cleaner assembly to air cleaner hood using two 5/16" bolts, four 5/16" flat washers, and two 5/16" nuts.
27. Secure hose to the intake body with hose clamp.
28. After assembling hose and air cleaner, confirm RPM setting for engine. If engine RPM is incorrect, adjust according to service manual.



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**Figure 16**  
**Air Cleaner Assembled**

# ***Assembly Instructions***

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## Assembly Instructions

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### 356-541S 23HP KAW. AIR CLEAN-SELF CONT.

Your kit includes:

Qty.	Part No.	Part Description
1	356-529H	AIR CLEANER HOOD
1	356-542M	MANUAL ACCU-Z REMOTE AIR CLNER
2	800-259C	CLAMP WRM DRV#36SS (1.81-2.75)
2	802-010C	HHCS 5/16-18X1 1/4 GR5
2	804-036C	WASHER FLAT 5/16 SAE PLT
2	839-083C	CLAMP KNOB 289
1	839-308C	KAWASAKI AIR CLEANER TUBE
1	839-309C	DNLDSN AC ASSY W/FLTR G057514
1	839-310C	DNLDSN AC INTK HD&CLMP H001377
1	839-311C	DNLDSN AIR CLNR CLAMP PPGF30
1	839-313C	KAW.23HP RMT AIR CARB. UPDAT (ENG.20068+)

### 356-538S 25HP KAW. AIR CLEAN-SELF CONT.

Your kit includes:

1	356-529H	AIR CLEANER HOOD
2	800-259C	CLAMP WRM DRV#36SS (1.81-2.75)
2	802-010C	HHCS 5/16-18X1 1/4 GR5
2	804-036C	WASHER FLAT 5/16 SAE PLT
2	839-083C	CLAMP KNOB 289
1	839-308C	KAWASAKI AIR CLEANER TUBE
1	839-309C	DNLDSN AC ASSY W/FLTR G057514
1	839-310C	DNLDSN AC INTK HD&CLMP H001377
1	839-311C	DNLDSN AIR CLNR CLAMP PPGF30
1	839-315C	KAW.25HP RMT AIR CARB. UPDATE ALL S/N