



EASY-EMPTY[®] GRASS CATCHER

for 825 Rear Engine Riders

Model No. 79090 – 8900001 & Up

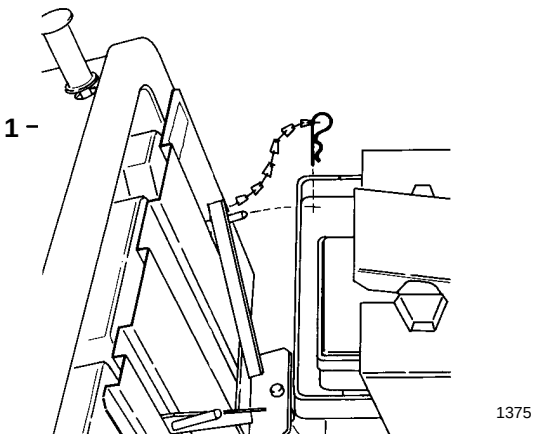
Operator's Manual

IMPORTANT: Read this manual carefully. It contains information about your safety and the safety of others. Also become familiar with the controls and their proper use before you operate the product.

Introduction

We want you to be completely satisfied with your new product, so feel free to contact your local Authorized Service Dealer for help with service, genuine replacement parts, or other information you may require.

Whenever you contact your Authorized Service Dealer or the factory, always know the model and serial numbers of your product. These numbers will help the Service Dealer or Service Representative provide exact information about your specific product. You will find the model and serial number plate located in a unique place on the product as shown below.



1. Model and Serial Number Plate

For your convenience, write the product model and serial numbers in the space below.

Model No: _____
Serial No. _____

The warning system in this manual identifies potential hazards and has special safety messages that help you and others avoid personal injury, even death. DANGER, WARNING and CAUTION are signal words used to identify the level of hazard. However, regardless of the hazard, be extremely careful.

DANGER signals an extreme hazard that will cause serious injury or death if the recommended precautions are not followed.

WARNING signals a hazard that may cause serious injury or death if the recommended precautions are not followed.

CAUTION signals a hazard that may cause minor or moderate injury if the recommended precautions are not followed.

Two other words are also used to highlight information. “Important” calls attention to special mechanical information and “Note” emphasizes general information worthy of special attention.

The left and right side of the machine is determined by sitting on the seat in the normal operator’s position.

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Safety and Instruction Decals



Safety decals and instructions are easily visible to the operator and are located near any area of potential danger. Replace any decal that is damaged or lost.



ON CHUTE
(Part No. 54-9220)



ON GRASS BASKET
(Part No. 92-2511)

Installation

Loose Parts

DESCRIPTION	QTY.	USE
Muffler Deflector	1	Install muffler deflector
Grass Basket	1	Assemble and install grass basket
Dump Handle	1	
Muffler Shield	1	
Bolt (1/4"–20 x 1 1/4")	1	
Locknut (1/4"–20)	1	
Duct	1	Install duct
Barbed Clip	1	
Spacer Fastener	1	
Retainer		
Chute	1	Install discharge chute
Wing Nut (1/4"–20)	1	

Installing the Grass Catcher

Installing the Muffler Deflector

1. Remove the 4 screws from the muffler deflector and discard the deflector (Fig. 1).
2. Install the new muffler deflector using the screws removed in step 1. While installing, ensure that the muffler discharge opening is pointing to the left in the 10 o'clock position.

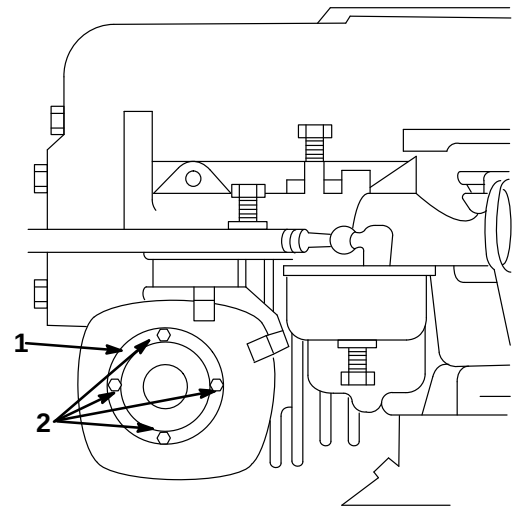


Figure 1

1 Muffler Deflector

2 Screws

Assembling and Installing the Grass Basket

1. Place the grass basket on the ground, ensuring that the hole in the top of the basket is facing upward.
2. Open the basket and slide the dump handle through the holes in the basket and handle guide (Fig. 2).

Note: The dump handle grip should be outside of the basket.
3. Insert the 1/4"-20 x 1 1/4" bolt through the holes in the end of the dump handle and secure it with the 1/4"-20 locknut (Fig. 2).

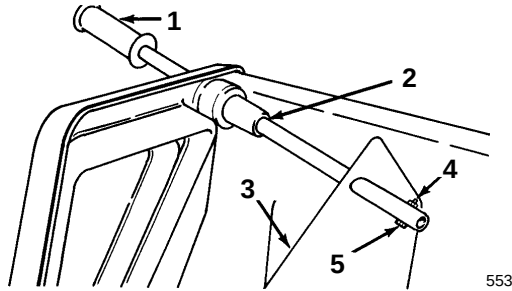
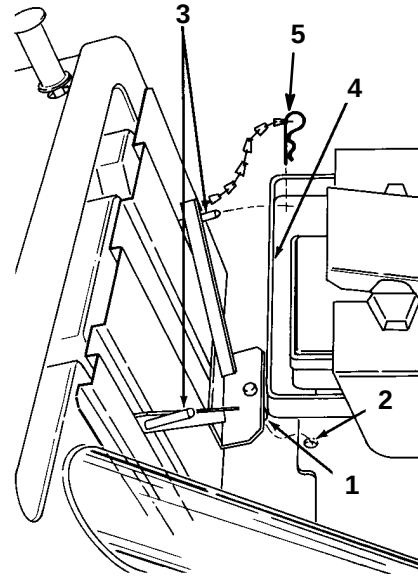


Figure 2

- | | |
|------------------------|-------------------------|
| 1 Dump Handle | 4 1/4"-20 Locknut |
| 2 Hole in Grass Basket | 5 1/4"-20 x 1 1/4" bolt |
| 3 Handle Guide | |



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Figure 3

- | | |
|-----------------|-----------------------------------|
| 1 Hitch Pin | 4 Mounting Bracket |
| 2 Hitch Hole | 5 Hairpin Cotter (only one shown) |
| 3 Mounting Pins | |

4. Pull the dump handle up until it stops, then close the grass basket. Push the dump handle down until it stops.

Note: When the dump handle is pushed in completely, the basket should not be able to open. If the basket opens, either the dump handle is not pushed in far enough or the basket is not fully closed.

5. Insert the grass catcher hitch pin into the hole in the mower hitch (Fig. 3).
6. Insert the mounting pins on the v-bracket into the holes in the mounting bracket on the rider and secure them with the hairpin cotters attached to the v-bracket (Fig. 3).

Installing the Chute and Duct

1. Secure the retainer to the duct with the barbed clip and spacer fastener (Fig. 4).
2. Slide the duct over the end of the chute, aligning the retainer with the knob on the chute. Pull the retainer over the knob, securing the duct and chute (Fig. 4).

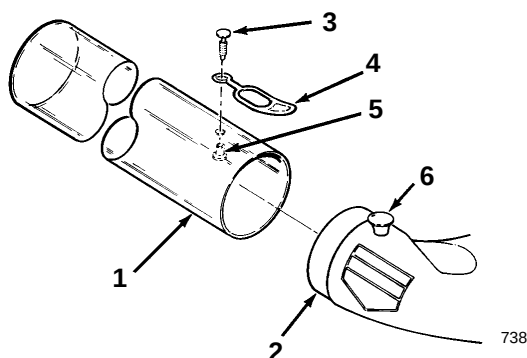


Figure 4

- | | |
|---------------|-------------------|
| 1 Duct | 4 Retainer |
| 2 Chute | 5 Spacer Fastener |
| 3 Barbed Clip | 6 Knob |

3. Slide the duct into the hole in the grass basket.
4. Slide the chute under the deflector on the mower, inserting the front of the chute into the v-bracket inside of the mower housing (Fig. 5).
5. Install and secure the rear of the chute onto the mounting pin on the mower housing with a wing nut (Fig. 5).

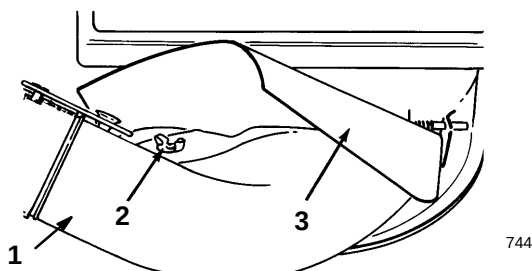


Figure 5

- | | |
|----------------------------|-------------|
| 1 Chute | 3 Deflector |
| 2 Wing Nut on Mounting Pin | |

Testing the Installation

1. Pull up on the dump handle and open the grass basket.
2. Close the grass basket completely and push the dump handle down until it stops.
3. Ensure that the grass basket will not open with the dump handle pushed down fully.

Removing the Grass Catcher

! DANGER

POTENTIAL HAZARD

- Sometimes people are tempted to operate the mower with the duct or chute removed. This exposes you and others to thrown debris and blade contact.

WHAT CAN HAPPEN

- You and others may die or be injured severely if you are hit by thrown debris or cut by the blade.

HOW TO AVOID THE HAZARD

- Always operate the mower with the complete grass catcher mounted in place or use the mower to side discharge, making sure that the grass deflector is in the down position.

1. Disconnect the retainer on the duct from the knob on the chute and pull the duct free from the chute and grass basket (Fig. 4).
2. Remove the wing nut securing the chute to the mower and pull the chute out of the mower (Fig. 5).
3. Remove the hairpin cotters securing the grass basket to the mounting bracket on the mower. Rock the basket backward, then pull it free of the mower hitch (Fig. 3).
4. Store all grass catcher parts in a convenient place.

Operation

CAUTION

To Avoid Personal Injury:

- **Become familiar with all operating and safety instructions in the operator's manual for your mower before using this attachment.**
- **Never remove the duct, basket, or chute while the engine is running.**
- **Always shut the engine off before clearing an obstruction.**
- **Never do maintenance or repairs while the engine is running.**

Emptying the Grass Basket

1. Move the blade control to DISENGAGE (this stops the mower blades), then back the mower up to the area where you want to dump the grass clippings.
2. Stop the mower, shift to NEUTRAL, and shut the engine off.
3. Pull up on the dump handle and swing the grass basket open.
4. Empty the grass basket
5. Close the grass basket completely and push the dump handle down until it stops. Ensure that the grass basket will not open.

Clearing Obstructions from the Grass Catcher

1. Stop the mower and shift to NEUTRAL.

2. Raise the mower housing to the highest possible position and slap the side of the duct near the obstruction.

If the obstruction does not clear, complete the following:

3. Move the blade control to DISENGAGE (this stops the mower blades). Shut the engine off before you get off the mower.
4. Check the grass basket and empty it if full.
5. Remove and separate the duct and chute from the grass basket and mower. Using a stick or similar object, carefully remove and clear the obstruction from the mower, duct, chute, and grass basket.
6. After you remove the obstruction, install the complete grass catcher and resume operation.

Operating and Bagging Tips

Size

Remember that the mower is longer and wider with this attachment installed. By turning too sharply in confined places you may damage the attachment.

Trimming

Always trim with the left side of the mower. Do not trim with the right side of the mower because you could damage the chute and duct.

Cutting Height

Do not set the mower cutting height too low because long grass surrounding the mower can prevent air from getting under the mower and entering the grass catcher. If enough air doesn't get under the mower, the grass catcher will plug.

Cutting Frequency

Cut the grass often, especially when it grows rapidly. You will have to cut your grass twice if it gets excessively long (refer to Catching Long Grass, page 7).

Cutting Technique

For best lawn appearance, be sure to slightly overlap the mower into the previously cut area. This helps reduce the load on the engine and reduces the chance of plugging the grass catcher.

Grass Catching Speed

Most often you will bag with the mower throttle in the FAST position and drive in 1st. gear, which is the slowest ground speed. However, in extremely dry and dusty grass, you may want to lower throttle speed and shift gear selector to a higher gear to maintain ground speed. The grass catcher may plug if you drive too fast, causing the engine to slow down with the extra work load.

CAUTION

POTENTIAL HAZARD

- As the grass basket fills, extra weight is added to the back of the tractor.

WHAT CAN HAPPEN

- If you stop and start suddenly on hills, you may lose steering control or the mower may tip.

HOW TO AVOID THE HAZARD

- Do not start or stop suddenly when going uphill or downhill. Avoid uphill starts.
- If you do stop the mower when going uphill, move the blade control to DISENGAGE (stop the mower blades). Then back down the hill using slow reverse speed.
- Do not change speeds or stop on slopes.

plugging the grass catcher, mow the grass at a high height-of-cut, then lower the mower to your normal cutting height and repeat the catching process.

Catching Wet Grass

Always try to cut grass when it is dry because your lawn will have a neat appearance. If you must cut wet grass, use the conventional side discharge feature of the mower. Several hours later, when the clippings are dry, install the complete grass catcher and vacuum up the grass clippings.

Signs of Plugging

As you are catching grass, a small amount of grass clippings normally blow out the front of the mower. An excessive amount of clipping blow-out indicates that the basket is full or the system is plugged.

Catching Long Grass

Excessively long grass is heavy and may not be propelled completely into the grass basket. If this happens, the duct and chute may plug. To avoid

Maintenance

Inspecting the Grass Catcher

Inspect the grass catcher after the first ten hours of operation and monthly thereafter.

1. Check the duct, chute, and grass basket. Replace these parts if they are cracked or broken.
2. Tighten all nuts bolts and screws.

Inspecting the Mower Blades

1. Inspect the mower blades regularly and whenever a blade strikes a foreign object.
2. If blades are badly worn or damaged, install new blades. Refer to your tractor or mower operator's manual for complete blade maintenance.

Cleaning the Grass Catcher

1. After each use, remove and wash the inside and outside of the grass basket, duct, chute, and the underside of the mower, using water sprayed from a garden hose. Use a mild automotive detergent to remove stubborn dirt.

CAUTION

POTENTIAL HAZARD

- If you store grass clippings in the grass basket, under the right conditions, spontaneous combustion (a fire-generating process that occurs without an external source of ignition) could occur.

WHAT CAN HAPPEN

- If a fire occurs, property could be damaged and/or someone could be injured.

HOW TO AVOID THE HAZARD

- The grass basket is not a storage container. Never store grass clippings and debris in the basket.

2. Make sure you remove matted grass from all parts.
3. After washing let all parts dry thoroughly.

Storing the Grass Catcher

1. Clean the grass catcher (refer to Cleaning the Grass Catcher, page 8).
2. Inspect the grass catcher for damage (refer to Inspecting the Grass Catcher, page 8).
3. Store the grass catcher in a clean, dry place, out of direct sunlight. This protects the plastic parts and extends the life of the grass catcher. If you must store the grass catcher outside, cover it with a weatherproof cover.

