

## OWNER'S MANUAL 30" REAR MOUNTED, SIDE DISCHARGE GRASS CATCHER MODEL 5708-2200

### TWO YEAR LIMITED WARRANTY

For two (2) years from date of purchase by the first consumer for residential use (thirty (30) days commercial use), NOMA Outdoor Products Incorporated warrants that it will replace free of charge, including labor, any original part of any NOMA Outdoor Products Incorporated product found to be defective by any authorized Service Dealer or the factory, except the battery which is warranted for ninety (90) days from date of purchase.

This warranty does not cover engine, transmission, transaxle or differential (these items are covered by their manufacturer's own warranty). This warranty does not cover parts that have failed due to normal wear or parts that have failed subject to misuse or abuse. Transportation of the unit or part to and from an authorized Service Dealer or factory is the responsibility of the owner.

A step by step explanation as to what procedure should be followed for this Warranty is:

1. If a part becomes defective, contact the store where the unit was purchased for the name and address of the authorized Service Dealer nearest to you.
2. If you cannot locate an authorized Service Dealer, write Service Department of NOMA Outdoor Products Incorporated for the name and address of the authorized Service Dealer in your area or call the Service Department at 1-901-422-1690.
3. Return the defective product, along with proof of purchase to such authorized Service Dealer for replacement of any defective part where covered by this warranty.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose are limited to two (2) years from date of purchase. Liability for incidental or consequential damages are excluded.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

NOMA Outdoor Products Incorporated

Caller 8000

Jackson, TN 38308-8000

### UNIT PARTS AND SERVICE

This manual contains instructions for safety, assembly and maintenance. Read this manual carefully and completely so that you will know proper assembly, use and care of your unit. Also fill in and mail the registration card packed with the unit. For service other than covered in this manual, contact an authorized service dealer. A nationwide parts and service organization has been established to provide locally available parts and service. A list of authorized parts distributors has been included in this manual. When ordering repair parts, always give the following information: 1. The Part Name; 2. The Part Number; 3. The Quantity desired; 4. The Full (eight digit) Model Number of the unit. The model number will be found on a plate attached to the unit.



**Look for this symbol. It means - ATTENTION! BECOME ALERT! A HAZARD TO OPERATOR, BYSTANDER, PROPERTY OR EQUIPMENT MAY EXIST.**

NOMA Outdoor Products Incorporated  
Caller 8000  
Jackson, TN 38308-8000

Part No. 324766

4791

Price \$5.00

Printed in U.S.A.

**OPERATIONAL PRECAUTIONS****THESE INSTRUCTIONS ARE FOR YOUR PROTECTION. PLEASE READ THEM CAREFULLY.**

1. Know the controls and how to stop quickly. Read this Owner's Manual and review Lawn Tractor Manual. Wear safety glasses or eye shields while assembling or operating the lawn tractor with grass catcher attachment.
2. When using the lawn tractor with grass catcher attachment:
  - A. DO NOT operate the lawn tractor without the entire grass catcher assembly or discharge chute deflector in place.
  - B. Never make any adjustments or repairs while the engine is running.
  - C. Shut off engine when removing grass from grass catcher or unplugging mower chute or catcher tube.
  - D. DO NOT operate riding mower with grass catcher assembly while barefooted. ALWAYS wear substantial footwear, preferably steel-toed shoes. DO NOT wear loose fitting clothing that could get caught in any moving parts.
  - E. ALWAYS keep clear of discharge chute/tube or any moving parts while engine is running.
  - F. Mow only in daylight or good artificial light.
3. ALWAYS place the mower clutch lever in disengage position when not cutting grass, such as when crossing a rock or gravel driveway or roadway and when transporting the lawn tractor with grass catcher attachment.
4. Disengage mower blades, stop engine, remove ignition key and set parking brake before leaving operator's position.
5. Disengage power to mower blades, stop engine, remove ignition key, set parking brake and disconnect spark plug wire before making any repairs, adjustments or cleaning the lawn tractor or grass catcher attachment.
6. Check grass bags frequently for wear and/or deterioration. Replace worn or damaged bags.
7. DO NOT run engine indoors. Exhaust fumes contain CARBON MONOXIDE which is an ODORLESS and DEADLY GAS.
8. Take all possible precautions when leaving the lawn tractor unattended, such as disengaging the mower clutch lever, shifting into neutral, setting parking brake, stopping engine and removing ignition key.
9. NEVER store grass catcher with grass clippings in the catcher bags. Even a small pile of grass clipping can create enough heat to start a fire.
10. If grass catcher attachment will be used on other than level ground, the use of a front weight kit is recommended.

**OWNER'S INFORMATION**

Record the following information about your unit so that you will be able to provide it in case of loss or theft.

MODEL NUMBER: - (Enter complete 8 digit number from model plate on unit)

PURCHASE DATE: \_\_\_ / \_\_\_ / \_\_\_ CODE NO.: \_\_\_ SERIAL NO.: \_\_\_\_\_

DEALER'S NAME AND ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ TELEPHONE: \_\_\_\_\_

**CONTENTS OF SHIPPING CARTON**

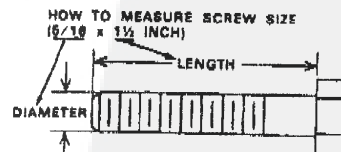
- 1 - Grass Catcher Assembly
- 1 - Owner's Manual
- 1 - Mounting Bracket, R.H.
- 1 - Mounting Bracket, L.H.
- 1 - Grass Catcher Support
- 1 - Grass Catcher Cover Assembly
- 1 - Transition Chute
- 1 - Upper Tube
- 2 - Grass Bag Assemblies
- 1 - Bag of Assembly Parts Containing:
  - 1 - Bagger Latch
  - 1 - Latch Lever
  - 2 - Rubber Grommets
  - 3 - Cover Hinges
  - 2 - Retainer Straps
  - 1 - Tab (Latch Lever)
  - 6 - 1/4 x 5/8 inch Slot Head Screws
  - 2 - 1/4 x 3/4 inch Hex Head Screws
  - 6 - 1/4 inch Keps, Nuts (star washer attached)
  - 2 - 1/4 inch Locknuts
  - 4 - 5/16 x 1 inch Hex Head Screws
  - 1 - 5/16 x 5/8 inch Hex Head Screw
  - 1 - 5/16 inch Locknut

- 4 - 5/16 inch Wide Flange Locknuts
- 1 - 11/32 inch Flatwasher
- 2 - 9/32 inch Flatwashers
- 2 - 5/16 inch Flatwashers

The parts bag may contain more fasteners than are required for your kit.

**TOOLS REQUIRED FOR ASSEMBLY**

- 2 - 7/16 inch Wrenches (or adjustable wrenches)
- 2 - 1/2 inch Wrenches (or adjustable wrenches)
- 1 - Screwdriver



## ASSEMBLY



### DANGER



This tractor and grass catcher can be dangerous if carelessly used.

Read Owner's/Operator's Manual thoroughly before operating tractor.

Always wear safety glasses or eye shields when assembling or operating tractor.

**DO NOT** carry passengers at any time.

Keep hands, feet, hair and loose clothing away from moving parts while engine is running.

**DO NOT** allow children or young teenagers to operate or be near tractor while it is operating.

Your tractor and grass catcher have a right and left side as you face forward while seated in operator's seat.

If you have operated your tractor prior to installing grass catcher, remove any accumulation of grass clipping from mower deck before installing grass catcher.

### MOWER DECK ASSEMBLY (Figure 1)

The mower deck assembly includes installation of latch lever for lower chute.

To install latch lever, do the following:

1. Remove rear screw and nut on chute deflector bracket.
2. Place latch lever through hole in front of chute deflector bracket with stud on lever down pointing down.
3. Work latch lever underneath front end of spring.
4. Secure lever to bracket with screw and nut removed in step (1). **NOTE:** Some tractors may have this lever already installed.
5. Place plastic tab onto front of latch lever.

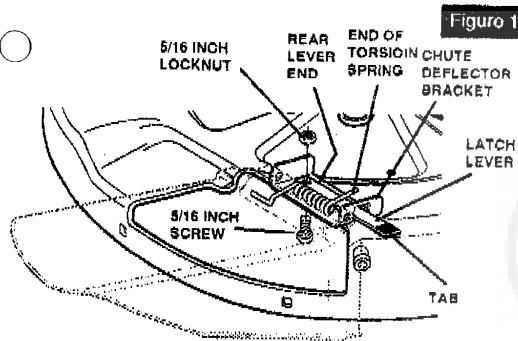


Figure 1

### INSTALL MOUNTING BRACKETS (Figure 2)

Assembly will be easier if rear of lawn tractor is blocked up with rear wheels removed.

1. Place mounting brackets on outside of main frame (rear). **NOTE:** Make sure arms on mounting brackets bend slightly outward from center of main frame rear.

2. Attach each mounting bracket to main frame with two (2) 5/16 x 1 inch hex head screws and two (2) 5/16 inch wide flange locknuts.

3. Reinstall rear wheels, if removed.

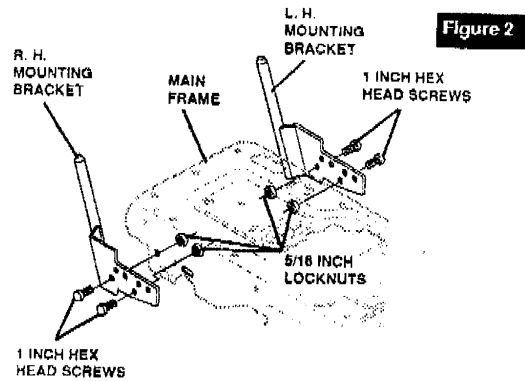


Figure 2

### GRASS CATCHER COVER ASSEMBLY (Figures 3 & 4)

1. Place bagger latch on end of center arm of grass catcher support. Align hole in bagger latch with hole in center arm of grass catcher support.

2. Secure in place with 5/16 x 5/8 inch hex head screw, 11/32 inch flatwasher, and 5/16 inch locknut.

3. Lay grass catcher cover assembly upside down.

4. Place grass catcher support into ledge inside grass catcher cover assembly.

5. Attach three cover hinge straps and two retainer straps (on outside hinges) to cover and support assembly with six 1/4 x 5/8 inch screws and six 1/4 inch keps nuts.

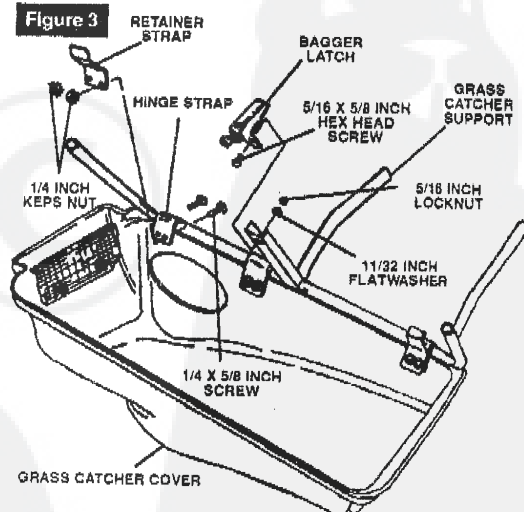
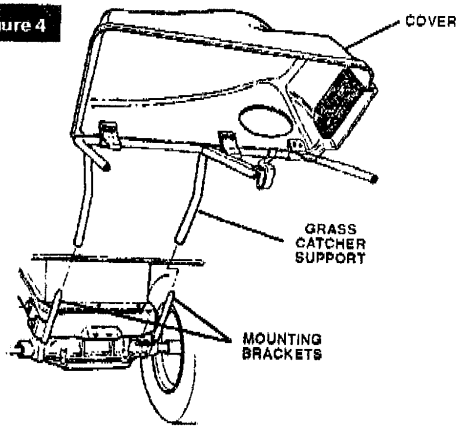


Figure 3

ID:  
 Turn cover assembly over and mount onto mounting brackets or rods.

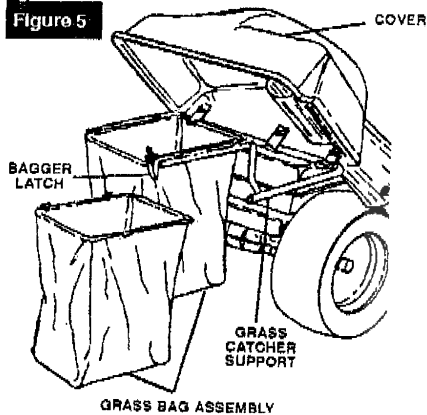
Figure 4



### GRASS CATCHER BAGS ASSEMBLY (Figure 5)

1. Pivot cover assembly toward front of grass catcher and install grass bag assemblies. **NOTE:** Grass bags must be installed with solid panel in toward front of grass catcher.
2. Pivot cover assembly toward rear of grass catcher and hook bagger latch over edge of cover.

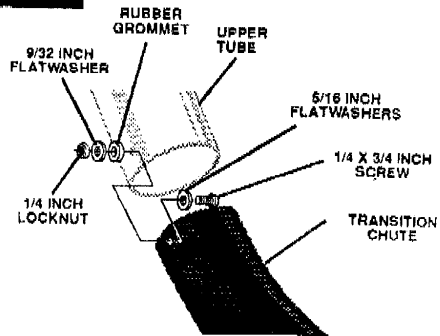
Figure 5



OCT 13 '98 7:53 No. 003 P.05  
**DISCHARGE CHUTE ASSEMBLY (Figures 6 & 7)**

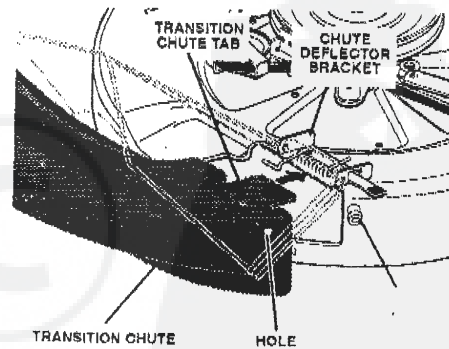
1. Place a rubber grommet into each large hole in upper tube.
2. Attach upper tube to transition chute with two 1/4 x 3/4 inch hex head screws and four 5/16 inch flatwashers (from inside of transition chute), two large 9/32 inch flatwashers and two 1/4 inch locknuts.

Figure 6



3. Place upper end of transition chute assembly into hole in front of grass catcher cover assembly.
4. Place hole in lower end of transition on end of screw on mower deck.
5. Slide tab on lower end of transition chute under center of chute deflector bracket until stud on latch lever snaps into hole in end of tab. **NOTE:** Back side of transition chute should be on inside of deck opening and front side of transition chute should be on outside of deck opening.

Figure 7



## OPERATION



### DANGER



**OPERATE MOWER WITH COMPLETE GRASS CATCHER IN PLACE.**

**SHUT OFF ENGINE BEFORE OPENING COVER OR EMPTYING GRASS BAGS.**

**OBJECTS MAY BE THROWN FROM DISCHARGE TUBE.**

**DO NOT REACH INTO DISCHARGE TUBE WHILE ENGINE IS RUNNING;**

The operation of this tractor and grass catcher can result in objects being thrown in your eyes, which can result in severe eye damage. Always wear safety glasses or eye shields while operating a riding mower. We recommend standard safety glasses, or Wide Vision safety mask for over spectacles.



Get to know your tractor and its controls. Be sure you (or any other operator)

have read and understood the **Operational Precautions** Listed on page 2 of this manual and in your tractor Owner's/Operator's manual.

Avoid sharp turns at high speed and uphill or downhill turns. Operate mower carefully. Be especially cautious on hills. When riding down inclines, keep shift control in low speed. Use brake for fast stops on hill. When operating on hills the use of a front weight kit is recommended.

If grass clippings are going to be bagged and hauled away, you may line grass bag assemblies with a 30 x 36 plastic trash bag. Roll top of bag around frame of grass bag to hold it in place during collection.

### OPERATION (Tractor with Catcher)

Take a comfortable position on tractor and start engine. After engine has warmed up, depress brake-clutch pedal and move shift control lever to forward gear you want. **Release brake-clutch pedal slowly and tractor will move forward. Until you get the feel of machine, stay in low speed position.** With mower blades stopped, make your first run in a large, open, level area. Learn to start, stop and change direction in this area.

Stop engine before leaving operator's position.

The engine should be run at fast throttle for proper grass cutting and collecting of clippings, and ground speed is controlled by shift lever position. Forward speed of tractor is determined by quantity of grass being mowed. The more grass that must be cut, forward speed will be slower. When cutting light grass, forward speed can be increased. By observing collecting action of your mower, you can determine how fast you can travel.

To mow heavy growth or on rough ground, set mower at maximum height. After growth is cleared, reduce cutting height as desired.

Height-of-cut should not be set too low on thick, lush lawns, or grass may die. If height is too low, mower deck wheels may sink into lawn, causing mower deck to drop down on grass and reduce discharging effect of cutting blade. New grass should be cut during afternoon when it is dry. Never cut wet grass. Wet grass will pack under mower deck and in grass discharge chutes and will not discharge properly.

**KEEP EQUIPMENT CLEAN.** Grass clippings may pack under mower chassis and in discharge chute assembly due to internal moisture content of grass. This accumulation of cut grass should be removed after each mowing.

1. Disconnect spark plug wire, remove ignition key, and parking brake on tractor.

2. Scrape accumulation off underside of mower deck with putty knife or similar tool. Cleaning of the underside of mower housing is easier if mower deck is removed. See **Mower Deck Removal** paragraph in **Maintenance** section of tractor Owner's/Operator's manual.

3. Remove discharge chute assembly from mower deck and grass catcher cover assembly and flush grass clipping with water.

4. Remove grass catching bags and flush grass clipping from cover assembly with water.

### EMPTY GRASS CATCHER BAG (FIGURE 8)

Check grass catcher bags at frequent intervals while mowing. Bag should be emptied as soon as clippings reach top of bag and after each use. To empty bag, proceed as follows:

1. Move mower clutch lever to **OFF** (disengaged) position and shift lever to **NEUTRAL** position.

2. Stop engine and set parking brake on tractor.

3. Unhook bagger latch from edge of cover.

4. Pivot cover assembly toward front of grass catcher and lift bag assemblies from support.

5. Remove all clippings from bags.

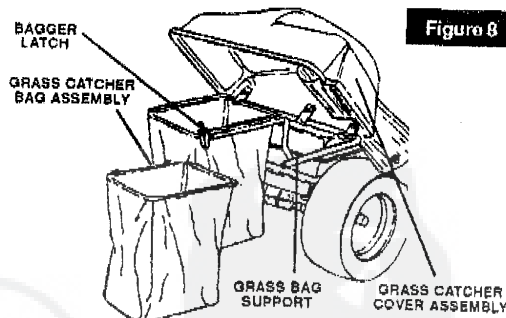


Figure 8



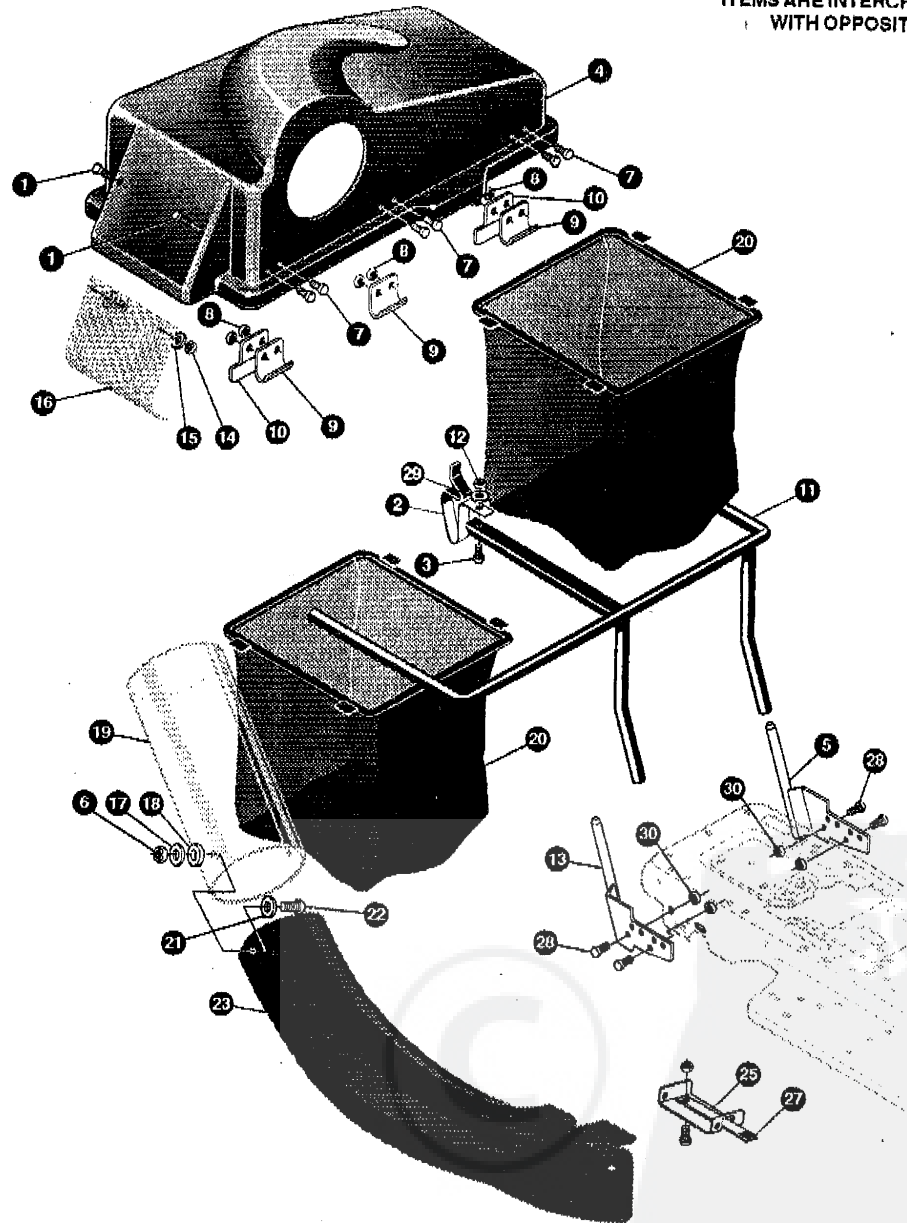
### DANGER



**NEVER store grass catcher with grass clipping in the catcher bags. Even a small pile of grass clippings can create enough heat to start a fire.**

## 30" REAR MOUNTED, SIDE DISCHARGE GRASS CATCHER MODEL 5708-2200

ALL UNNUMBERED  
ITEMS ARE INTERCHANGEABLE  
WITH OPPOSITE SIDE



**NOTE: ALWAYS USE ORIGINAL EQUIPMENT PARTS.** Use of service replacement parts other than original equipment parts may void your warranty.

**⚠ DANGER ⚠**  
**DO NOT OPERATE MOWER UNLESS ENTIRE GRASS CATCHER ATTACHMENT IS IN PLACE.**

### TO CLEAR PLUGGED DISCHARGE CHUTE

Your discharge chute may become plugged with grass clipping due to over-filling grass catcher or cutting grass that is too long or wet. To unplug chute, proceed as follows:

1. Move mower clutch lever to **OFF** (disengaged) position and shift lever to **NEUTRAL** position.
2. Stop engine and set parking brake.

**⚠ DANGER ⚠**  
**Blades will not stop immediately. Keep hands and feet from under mower and away from the discharge chute.**

3. Disconnect spark plug wire(s).
4. Lift front end of latch lever and pull transition chute away from mower deck.
5. Remove chute assembly from grass catcher cover assembly.
6. Shake grass clipping from chute assembly.
7. Remove clippings from mower deck discharge chute.
8. Re-attach chute assembly to grass catcher and mower deck in reverse order of removal.
9. Reconnect spark plug wire.

## STORAGE

The grass catcher should be immediately prepared for storage at end of season. To prepare grass catcher for storage, proceed as follows:

1. Remove and clean chute assembly.
2. Remove and empty grass bag assemblies.

**⚠ DANGER ⚠**  
**NEVER store grass catcher with grass clippings in the bags. Even a small pile of grass clippings can create enough heat to start a fire.**

3. Clean grass catcher cover assembly thoroughly.
4. Inspect grass catcher and mower deck assemblies for worn or damaged parts. Tighten all loose hardware.
5. Check grass bags for wear and/or deterioration. Replace worn or damaged bags.
6. Store tractor and grass catcher in a clean, dry area and cover for additional protection. **NOTE:** The grass catcher assembly can be easily lifted off tractor to reduce storage space.

## REPAIR PARTS

ALWAYS GIVE THE FOLLOWING INFORMATION WHEN ORDERING REPAIR PARTS:

1. The PART NUMBER; 2. The PART NAME; 3. QUANTITY DESIRED; 4. The MODEL NUMBER (As shown on Model Plate).

SEND PART ORDERS AS PER INSTRUCTIONS ON THE FRONT PAGE.

YOUR UNIT IS RIGHT HAND (RH) OR LEFT HAND (LH) AS YOU STAND BEHIND IT.

DO NOT USE KEY NUMBERS WHEN ORDERING REPAIR PARTS, ALWAYS USE PART NUMBERS.

All replacement parts will be supplied in current production colors or in a neutral color.

A handling fee is applicable to small parts orders.

Key No.	Part No.	Description	Key No.	Part No.	Description
1	57034	Screw, SL Fl Hd, No. 10-24 x 5/8 In.	17	57826	Flatwasher, 9/32 In.
2	307981-853	Bagger Latch	18	57508	Rubber Grommet
3	180075	*Screw, Hx Hd, 5/16-18 x 5/8 In.	19	323119	Upper Tube Assembly
4	306943	Cover	20	58283	Bag
5	310080-853	Bracket, Support Mount, L. H.	21	120388	*Flatwasher, 5/16 In.
6	1502	Locknut, 1/4-20 Thd.	22	180020	*Screw, Hex Hd, 1/4-20 x 3/4 In.
7	55888	Screw, SI Rd Hd, 1/4-20 x 5/8 In.	23	323120	Chute, Transition
8	271172	*Nut, Keps, 1/4-20 Thd.	24	55273	Locknut, Wide Flange, 5/16-18 Thd.
9	300278	Hinge, Cover	25	322324	Assembly, Lever, Latch
10	300624-853	Retaining Strap	26	120393	*Flatwasher, 11/32 In.
11	58282-853	Support Assembly	27	42348	Tab
12	1498	Locknut, 5/16-18 Thd.	28	180079	*Screw, Hex Hd, 5/16-18 x 1 In.
13	310059-853	Bracket, Support Mount, R. H.	29	324266	Owner's Manual (Not Illustrated)
14	271186	Nut, Keps, No. 10-24			
15	1501	*Flatwasher, 13/64 In.			
16	300115	Screen			

(\*) Standard Hardware Items - May be Purchased Locally.